CLEVELAND MET	ROPARKS Plant Community Assess			
Project Label:	PCAP	_ F	lot No:	1226 Date Sampled: 6-28-12 Lead: Butt
				0 110 E 110 E 110
D_10100/4 000 101	de control period	(r)	»t	Comment required if item answer is NO
	de of Park Boundaries:	8	N N	If yes, write details in Comments section below
Field journals comple		<del>                                     </del>	N	
Site sketch made on I		$(\hat{\mathbf{y}})$	N	
Check cover page	X-axis Bearing of plot recorded		N	DIR CO. GO. MAP - VAN III
	GPS coords. Recorded	(3)	N	
	North direction recorded		N	A1879 - 21-21-11-11
	Photographs taken?	(A)	N	
Plot No., Date agreen			N	
Header data complete	ed all pages?	W	N	
Cover classes recorde	ed in all Intensive modules	(Q)	· N	
Browse Level By Spe	ecies	(Y)	N	
Woody stem quality of	control check		N	
Invasive plant quality	control check	(3)	N	
Ash trees mapped		X	N	N 5 1 10 0000
Cover by Strata? (con	ifirm cover type)	Ø	N	
Soil samples collected	d with matching plot #.	Ŷ	N	
	datasheet with initials and number	(v)	N	
Vouchers labeled on o		( <sub>Y</sub> )	N	
Pink flags removed	25	Y	N	
Data sheet QA before	leaving site?	K	N	
Common equipment i		1 85	N	
· · · · · · · · · · · · · · · · · · ·	eturned to tub.	6/20		T
Data sheets scanned?	10	6/29	112	Enter date to left
Final data sheets scan				Enter date to left  / NH 6-22-12
Buffer Widths measu	red?	(Y)	N	1
Web Soil Survey	T	Y	N	NMZ 6/29/12
Voucher Location	Refrigerator	Y	N	
# vouchers collected)	Press (#)	-		Enter number to left
	Drier	Y	N	A STATE OF THE STA
	Identified	Y	N	
	Mounted	Y	N	
	Thrown away	Y	N	
GRTS point verifica	tion: Is plot sampleable?			
à Yes	Original GRTS point is sampleable			
		11	(6	II in action of below
- D No	Original GRTS point lands in a non-s  Point falls in a water (i.e. river, la		area (1)	ii in category below)
	Managed mowed area (i.e. golf or		area righ	of allow)
	Paved area (i.e. parkinglot, road)	ourse, preme	area, rigi	iroi-way)
	☐ Unsafe to sample (i.e. steep slope)			
	□ Other			
Additional Commen	ts:			
Beauty Checkin	· Park at North w/ the Five Status	O(ms	ted	Fire Station in visitor spaces

Field Guide OVER	*Definitions and values in CM PCAP FOM v. 1.0 and CVS Field Guide	Minimum required fields in Bold and Underlined
	□ Systematic (grid) □ Capture specific feature □ Other	Authority: G&C Pub Date: 1998
	☐ Random ☐ Stratified Random ☐ Transect component	TAXONOMIC STANDARD
	Plot placement: GRTS - Representative	lichen
	Photo Nos.: 0929	bryo
	Camera No.: 3	vascul. X n/a
	Intensive modules: 2, 3, 8, 9 (EDIT IF MODIFIED)	high modera. low not smpl
HEPD: LAISEN ICKLODERATOR IN LANTHONOCISSIUS,	Depth: (1-5): 4	TAXONOMIC ACCURACY
the construction of the co	of plot: $[60]^{\circ}$	□ Hurried data
Show Nessa Louisers morrow	Plot size for cover data: O, (hectares)	□ Accurate may still provide good
. Char, compy - manny rice rupning Acer saccharingment	GPS File Name: 1226A	Wery thorough how much effort put into
Charles Francis A and	Coord. Accuracy: am aft 100/+-	Effort Level: subjective evaluation of
Kationale: 6K1)	Longitude: -81, 95296 Ka	SAMPLING QUALITY*
10 T	Latitude: 41. 40802	□ Perm. water □ Paved □ Slope □ Safety
Location: 500m NW of North Olmston Fire setup	x = O y = O  (base of plot x=0, y=0)	PLOT NOT SAMPLED:
THE area IN COMPT S of Mod IC.	GPS location in plot x=0 to 5, y=-1,0,+1):	** Roles: Co-leader, Asst., Guide, Owner, Taxonomist, etc.
avoid of the 19th of 19th of 19th	Datum: ■ NAD83/WGS84 □ NAD27	
the small light one is corner 2 small	□ Other (specify)	
ayout: 2 x 5 Nested comors in mod 3 switched to #1	■ Lat/Long □ UTM □ StatePlane ■ deg □ deg min	
dominants, strata, BROWSE). Additional notes in space on back.	Coordinate system: Coord. Units domin	resent here
NO I ES: Include Layout (any unusual shape details), Location (directions and landscape content), Rationale (why here), and Veg Characterization (description of community,	Source of coordinates   MAP   GPS   conte	All PCAP CROW Plot leader
y: (0,0) point point point point with direction permanent posts	If data not public why?	Party Role**
4 3 4) Short to the short to th	Reason:	End date (if > 1 day): / /
#1 #2 #3 #4 #5	□ Fuzz 100m □ Fuzz 250m □ Fuzz 500m	Date (mm/dd/yyyy): 6/28/12
1 2 1	Check one: Public data Private Data	Level 5 (nested corners sampled)
2	Data Confidentiality:	Level 4 (no nested corners sampled)
#10 #9. #8 #7 #6	Landowner: CM	Plot No.: 122 6
3 4 3 4	olot	Party Plot
Meter a.	1. No. 1.	
ؠؙؖػ	angle North Charter Rocky	Project Name: 0/ BW 2012
N )	County:	Project Label: PCAP
1007	LOCATION CONTRACT SEE 8-2-12	GENERAL INFORMATION
ta Sheet  Page 1 of 2	CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet	CLEVELAND METROPARKS Plant Co.

2aCM PCAP Species Cover D	6 J 2 - 9 N V	A	274	<b>3-</b>		92 6/	12 20	2 Rh	0	2.	Lic	1 (1)	3	7.		\( \)	2 1/2	22 22	1	5. 2. 9.1%	63 11/1	\$ \frac{1}{2}		6 Fra	5 	T S H (F)(A) Br	Strata - Cov. entire plot	Metroparks	/	<b>⊗</b>	Total modules:	Project Label:
eet Page 1 of x	ssa silvatica	iacia petaclata	abs am Podophy//um p	yopteris carthusiana	burnum apulus vac opu	vieria striato 255-12	thenocissus avinqueta	hamnus franquia	raea lutetiana	exicodendian radians		MMUS Seedling	less sp.	Rubus (pennsylvanicus) 1354	ratagous SD	cer stedlings	aucaum deatatum	ornus racemosa	runus seratina	tis aestivalis	lmus americana	Caxinus seculings	2	Γ'、	Quercus poliustris	Species		entire plot	describe amount of browse per species over		16	CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet 2a  Project Label:  PCAP  Project Label:  PCAP  Project name: 0/3W 26/2
5/29/2012 ceh			seltation		lus.	X 25B089	lia							X 233088												c Voucher#	%unveg. ground (bare soil) %unveg. litter (bare litter)	%unvegetated open water	%open water	Estimate for each intensive module:	Intensive modules:	nent Program Species Project name: O
-			7	12	_	2	7	7	22	23	22	32	22	22	22	22	3	S	32	46	H H	33	26	47	4 5	depth cov	 V V	1	_†	mod comer	4	O/BW
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Natural Resource Management FORM NR/2010-02a																							-			depth			Capu.	mod R		1
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Natural Resource Management FORM NR/2010-02a

	Project Label:	Project Label: PCAP Project name: 0/BW20/3	Project name:		Plot no.: 122 6	126	9	
	Total modules:		Intensive modules:	Plot co	configuration:	Plo	Plot area (ha):	
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		Caryus cordiformis						R 1
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W W w 2 N mod :  $\omega$ W S CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet W 12 1 N Standing Ulmus Standing Vitis spigusalvalis Ulmus americana FYOXINUS SP Toxi codendron rodicalls Fraxinos pennsylvanis Fraxinus sp. Cornus so facemos Standing dead Lonicera morrowing Explain subsample (additional room on back): Nw55a Nyssu sylvatica Cland the Rosa multiflara Rhubus Perison Frax nué Lanicera Morrowi anicara aestivalis 5y I va hica SPo MORYONII a merican dead Project Label: \_\_ Sp. \* 8 BIS 88085 PCAP 258088 voucher# 35 (F M L Q # stems browsed 0-1.4m  $\alpha$ 0 T sample or super % sub Project Name: OI BW 2012 X 60 clumps shrub 90 size class (cm) woody stems >1.4m <u>۸</u> 1-<2.5 9 2.5-<5 Plot No.: 1226 5-<10 10 - <15 15 - <20 20 - <25 Page: 25 - <30 30 - <35 으 (P) Signal and Metroparits 35 - <40 ö 5.34 40.3 6.8h >40 (record each tree) =

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						<b>第14</b>	Jan.			271	1				i tre	"	¹

<u><</u> 6 (30) Œ 00 B Q 90 6 Crataegus sp. CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet φ (3) Op B 9 Nissa sylvatica Acev saccharinum Acer rubywa Rubus 38 panoy wanter 258088 Toxicodendon radicans Standing dead Explain subsample (additional room on back NISSA Sylvatica Rosa multiflora Lonicera marowii Prunis scrotina blance owner car a Vitus sparstive Acer rubrum Sandrage Shurayang Frayinus b. Rubis sponglimit 25/3088: Rosa multiflora ACEY rubrum Frayinus sp. Vitis aestralis Standing Rubis spanoyhanus Standing dead Project Label: dead 80857 PCAP voucher# 90 9 W # stems browsed 0-1.4m or super % sub Project Name: 01 6W 201 clumps shrub C. 00 # size class (cm) woody stems >1.4m P-<1 1-<2.5 Plot No.: 1226 5-<10 10 - <15 15 - < 20 20 - <25 Page: 25 - < 30 30 - <35 Welgweinne Metropaires 35 - <40 10 58,4 56.5 63.8 STA 48.2 >40 (record each tree)  $\vec{\exists}$ Last &

VELAND METROPARKS Plant Community Assessment Program Natural Wood         Project Label:       PCAP       Project Name:       θ 1 8 W 2         Explain subsample (additional room on back):       # stems       % sub       # size class (cm) v         Species       c voucher#       browsed sample clumps       0-<1       1-<2         Brown Cara worrowing       c voucher#       browsed sample clumps       0-<1       1-<2	Ct Label: PCAP Project Name: 91 8 W 2012 Plata room on back):  # stems or super shrub to voucher# browsed sample clumps 0-41 1-42.5 2.5-45 to voucher# browsed sample clumps 0-41 1-42.5 2.5-4	TAP  # stems  % sub  # size class (cm) woody stems  γ o-1.4m  or super  clumps  0-<1  1-<2.5  2.5-<5	17.24 5 6 10-<15 15-<20 2
AP Project Name: Pl &W 2  # stems % sub # size class (cm) v 0-1.4m or super shrub 1 2  cher# browsed sample clumps 0-<1 1-<2	AP Project Name: Pl & W 2012 Pl  # stems % sub # size class (cm) woody stems >1.4 0-1.4m or super shrub 1 2 3 1 cher# browsed sample clumps 0-<1 1-<2.5 2.5-<5	AP Project Name: Pl BW 2012 Plot No.: 122  # stems  % sub # size class (cm) woody stems > 1.4m 0-1.4m  or super shrub 1 2 3 4 5 cher# browsed sample clumps 0-<1 1-<2.5 2.5<5 5-<10 10-<15	17.24 10-<15 15-<20 2
ent Program Natural Wood Project Name: Ω 1 B W 2  % sub # size class (cm) 1 sample clumps 0-<1 1-<2  # # # 1-<2	ent Program Natural Woody Stem Data Project Name: \$\$\text{\$\tex{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\	ent Program Natural Woody Stem Data Sheet  Project Name: \$\overline{\text{Pl 8 W 20!2}}\$ Plot No.: \$\overline{\text{122}}\$  % sub # size class (cm) woody stems >1.4m or super shrub 1 2 3 4 5 5-<10 10 -<15 clumps 0-<1 1-<2.5 2.5-<5 5-<10 10 -<15 clumps 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	1226 10-<15 15-<20 2
Natural Wood  β 1 8 W 2  size class (cm) 1  1-2  1-2  1-2  7	Natural Woody Stem Data  Ω 1 8 W 2012 PI  size class (cm) woody stems >1.4  0-<1 1-2.5 2.5-<5 1	Natural Woody Stem Data Sheet  1 8 W 2012 Plot No.: 122    Plot No.: 122   Plo	1226 10-<15 15-<20 2
	y Stem Data 0 12 Pl voody stems >1.4 3 5 2.5-<5	Voody stems >1.4m  2.5-<5 5-<10 10-<15	1226 10-<15 15-<20 2
1226	Page:_ 6 7 15 - <20 20 - <25		
Page: 12.2.10 Page: 10-<15 15-<20 20-<25	Page: L of  6 7 8 9  15-<20 20-<25 25-<30 30-<35	of 8 9 25 - <30 30 - <35	of %20

4aCM PCAP Asi
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• Data
Sheet
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2.xls
25
revised
5/29/2012
2 ceh

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

Page: 1 of 2	JUN 2012	Plot No.: 1226 Date: 28	Project Name: 018W2012	Project Label: PCAP
CONTRACTOR OF STREET	TREES > 10CM ONLY	INTENSIVE MODULES ONLY	nus Sheet	CLEVELAND METROPARKS Emeraid Ash Borer - Fraxinus Sheet

1																						دو	v	6	
	24	23	22	21	20	19	8	17	16	5	14	13	12	=	10	ဖ	00	7	6	Cī	4	ω	2		D Tee
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				7													STATE OF THE PARTY.	Ä				-	_		Exit Epicormic oles present
										- 1												0	0	-	Woodpecker holes
											Ва	sellr	ne												
				Map all ash trees ≥10cm in each module using Tree ID numbe					© 2		1000		1		ø			*** Change intensive module numbers when necessary				z	)	>>	
				xdule using Tree ID n			•		3						00			bers when necess							

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

Project label: PCAP Project Name: 0 | 8 \omega 20 | 2 Plot No.: | 2 2 6

Clevebood Metroparks

Page: 1 of 1

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

Soil pit module # 2 (one per entire plot)

5 cm matrix color texture\* oxid roots emottle ttle color .543/2 z

texture\* matrix color oxid roots redox features\*\* mottle ttle color I S(M)D YR 3/2 8

Well drained

□ Moderately well dr. □ Somewhat excessively

Excessively dr.

20 cm

hydr. cond.\*\*\*

1 S (M) D

dox features\*\*

(Z)

refer to texture classes on reverse side

ydro. cond.\*\*\*

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

\*\*\* Circle one:

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

astings, middens)

Mad corer. EL ELADA Var 300 3 Sail 2 · Saw castings MOTES The 5011 5

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 > 80 " Soil Series/Type: Mr - Miner SIHU clay loam Soil Collection Moduld Horizon (A, B, C) Soil Series Source: Ohio Soil Survey Parent Material +11 andform type + 111 plains, lake plains 2,3,8,9 composited

a Impermeable surface a Somewhat poorly dr. Wery poorly dr. 41/67/9 ZWN

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

٩	00	3	2	mod#
ده ن	3.4	4.1	2.0	1 litter+ organic depth (cm)
9,6	3,4	4.1	2.0	2 litter depth (cm)
0	0	0	0	water depth (cm)
>30	>30	<b>E</b> <	>30	depth sat

	**** <5 cm in diameter	*** >5 cm in diameter	**Boulder => 10 in	* Gravel-Cobble = 1/16-10*	Bedrock	Boulder**	Gravel-Cobble*	Mineral Soil	Histosol	(Sum = 100%)	Underlying Earth Surface*	EARTH SURFACE & GROUND COVER
					0	2	0	<del>10</del> 98	0	percent (		CE & GROUNI
	Other	Road Trail	Bare Soil	Water	Bryophyte- Lichen	Duff (Ferm.+ Humus)	Litter	- 98 Fine Woody Debris****	Coarse Woody Debris***	(Each ≤ 100%)	Ground Cover	COVER
11	0	5	_	0	4:3	0	97	3	5	percent		

COVER BY STRATA estimate using midpoi	COVER BY STRATA estimate using midpoints of 5,ex:3, 8, 13	%,ex:3, 8, 13
Strata	Height Range (m)	Total Cover (%)
Tree	<b>5</b> て	83
Shrub	0.5. 5	18
Herb	0_0.5	38
(Floating)*	•	
(Aquatic)*	1	
* rooted and fk	<ul> <li>rooted and floating or slightly emersed</li> </ul>	sed
** submersed,	** submersed, most plant mass below surface	w surface

<b>紋</b> Deer	🛘 Gravel	□ Bootleg unsanctioned	□ Hiking sanctioned	□ Bridle	All Purpose	Туре	record type and cover for each	TRAIL INFORMATION:	
5						%Cover	ach		

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

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

CLEVELAND METROPARKS Plant Community Assessment Program - Plant Cover and Earth Surface Project Label: PCAP Project Name: 0 | 8 W 20 | 2

Plot No.:

(A) Glavesiand Matropartos Page: 1 of 1

McNAB INDICES (degrees) + for up - for down

[FILLED OUT USING GIS PROGRAM - DO NOT FILL OUT IN FIELD]

	collected	module. Required for VIBI-E score calculation. C?=check when	in 0 1m clip plots (32x32 cm) from corners 1 and 3 in each intensive	STANDIN
-	Ì	equired fo	p plots (32	G BIOM
Ì		VIBI-E	32 cm) f	ASS (requ
		score calc	rom com	uired for
,	1	ulation (	ers I and	emergen
		")≃check	3 in each	t wetland
		when	intensive	STANDING BIONIASS (required for emergent wetlands); collected
4		-	_	_

		Module #	
		C?	
		Corner Corner	
		Corner	

CLASSIFICATION		
(FIT = excellent g Fit and Confidence	8	
Hydrogeomorphic class (WETLANDS ONLY):		
DEPRESSION	Fig.	Conf=
□ IMPOUNDMENT □ Beaver □ Human	ii ii	Conf=
□ RIVERINE □ Headwater □ Mainstem □ Channel	H	Conf=
□ SLOPE (ground water hydrology or on a physical slop)	THE THE	Conf=
□ FRINGING □ Reservoir □ Natural Lake	F	Conf=
COASTAL (specify subclass)	7	Conf=
BOG (strongly, moderately, weekly ombrotrophic)	7	Conf-
Ohio EPA VIBI Plant Community Class (WETLANDS ONLY):	Ϋ́	
□ FOREST □ swamp forest □ bog forest □ forest seep	Ī	Conf=
□ EMERGENT □ marsh □ wet meadow □ open bog	 	Conf
O SHRUB O shrub swamp O tall sh. bog O tall sh. ten	테	Conf-

+135 degrees

SE

+180 degree

+90 degrees

angles formed by local slopes. For TSI measure

LFI is angle of plot to the horizon. TSI is

+45 degrees At aspect

Z.

z

+225 degrees

WS

€

away eve of person standing - 10 m recorders eye to angle from

## MICROTOPOGRAPHIC FEATURE COUNTS - Intensive modules only

Slope 1 = slight elevational grade across module (hill) Panks for microhabital features. Select one or select two and everage the score NOTE: If mod falls on a slope automatically gets ranked based on steepness (1-3) to begin + any features present Slope 2 = falls on slope ~20 ° Slope 3 = maximum 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
- 10 feature is present in moderate or greater amounts and of highest quality
- feature is present in moderate amounts, but not of highest quality, or in small amounts of highest quality

  7
  0 feature is present in moderate or greater amounts and of highest quality

  7
  17

60 W W 000 w W

C.w.d count for pieces with minimum Im length   c.w.d   c.w.d   c.w.d   m   c.w.d   m   depth 1   dep	-	_	_	 _	,			_	_	_					
c.w.d count for pieces with minimum Im length       3         c.w.d       c.w.d       microhab         -12 cm)       (12-40 cm)       >40 cm       microhab         epsth 1       depth 1       depth 1       depth 1         0       0       10x10 m       10x10 m       10x10 m         10x10 m       (count)       (count)       (rank)         3       1       0       3         3       1       0       3         3       1       0       3         3       1       0       3         3       1       0       3         3       1       0       3	NOTE: tusso				9	12	တ	لان	mod#						
c.w.d count for pieces with minimum Im length       3         c.w.d       c.w.d       microhab         -12 cm)       (12-40cm)       >40 cm       microhab         epsth 1       depth 1       depth 1       depth 1         dcumt)       (count)       10x10m       10x10m       10x10m         count)       (count)       (count)       (rank)         3       1       0       3         3       1       0       3         3       1       0       3         3       1       0       3         3       1       0       3         3       1       0       3         3       1       0       3         3       1       0       3         3       1       0       3         3       1       0       3         3       3       3       3         4       0       3       3         5       0       3       3         6       0       3       3         7       0       3       3         8       0       3       3	k and hummocks								corner						
C.w.d count for pieces with minimum im length  C.w.d  C.w.d  C.w.d  C.w.d  C.w.d  C.w.d  C.w.d  C.w.d  C.w.d  Microhab  10x10m  33  34  35  46  57  58  58  58  58  58  58  58  58  58	are counted in BC				0	0	0	0	(count)	lxlm	depth 3		tussocks	no of	
C.w.d count for pieces with minimum im length  C.w.d  C.w.d  C.w.d  C.w.d  C.w.d  C.w.d  C.w.d  C.w.d  C.w.d  Microhab  10x10m  33  34  35  46  57  58  58  58  58  58  58  58  58  58	)TH nested quadrat corn				0	0	0	0	(count)	3 16x3 16m	depth 2	uplands (Tip-Ups)	hummocks	no of	
C.w.d count for pieces with minimum im length  C.w.d  C.w.d  C.w.d  C.w.d  C.w.d  C.w.d  C.w.d  C.w.d  C.w.d  Microhab  10x10m  33  34  35  46  57  58  58  58  58  58  58  58  58  58	ers but counts are a				W	_	w	w	(count)	10x10m	depth 1		depressions	no, macro,	w
microhab interspers.  U W W W (rank)	ggregated. 29				23	15	19	29	(count)	10x10m	depth 1		(2-12 cm)	c.w.d	c.w.d coul
microhab interspers.  U W W W (rank)	.ee				-	W	V	6	(count)	10x10m	depth 1		(12-40cm)	c,w,d	t for pieces with
microhab interspers.  U W W W (rank)	0 00				0	0	0	0	(count)	10x10m	depth 1		>40 cm	c.w.d	o minimum 1m length
SLOPE SLOPE (rank)	ww				W	W	W	S	(rank)	10x10m	depth 1		interspers,	microhab	W
	i				0	0	0	0	(rank)	10x10m	SLOPE			microhab,	0

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

Terrain Shape Index (site microtopographic shape)

Landform Index (position within landscape)

+315 degrees +270 degrees

Z ¥

رو	9	œ	(µ)	2	Module	conceoming space (7 nots bet gire square)
5	2	w	16	ر	Z	pace (17 uota
1	5	7	w	7	w	ber Brie aduar
1	4	Н	4	4	(F)	
r	ហ	_	W	7	W	L
-						1

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4 %	2 66	15 9	6
5	IUL	. د دا	-
<u> </u>	w or I	in I w	4
2	_ 1 <sup>2</sup> v	m 100	6

Natural Resources Mangement FORM NR/2010-05a

5aCM PCAP Plant Cover\_Earth Surface Data sheet Page 1\_ver 3.xls last revised 5/29/2012 ceh  $~~2\_6$ 

666

0 0 0

MONOT

FORM B-1: BUFFER SAMPLE PLOTS (Front)         Reviewed by (initial):           Site ID:         DATE:         D.G.   2.8.   2.0.   2.																							
Site I	D: P	CA	Pi	3W	1	72	6								DATE	:06	128	1	2	D.	1.:	2.	
Location				MAL			11 93	N. T.	Fill	in b	ubb	le(s)	if p	lot(s	s) cou	ild not be	sample	d ar	nd fla	ıg -	<b>→</b>		
OAAC	Center	0	N	0	S	OE	E 0	w	OP	lot 1	1	01	Plot	2	OF	lot 3							
Fill in bubble Strata Section	es for all th	nat app	oly: Ca	nopy cover o	Type:	D = D	eciduou for eacl	s; E = Evergre	Buffer en. Leaf T or each plo	ype: E	B = Bro	adlea	f; N = 1	Veedle	e Leaf. A	bsent: No tree	e canopy. %); 3 = Hea	vy (40-	75%);	4 = V	ery He	eavy (	>75%)
Buffer	Canop	v Tvp	e: <b>6</b>	( [	) AI	bsen	t: O	Buffer	Canop	v Tvp	e: @	) (E	) At	sent	: (	Buffer	Canopy	Type	: 🕮	(1)	Ab	sent:	
Plot 1		f Тур			_		Flag	Plot 2	-	f Typ	- 40	$\stackrel{\sim}{\sim}$			Flag	Plot 3		Туре	-	Ö	11 31		Flag
Big Trees (>	0.3m DBH)	0	0	0	3	0		Big Trees (	•0.3m DBH)	0	0	<b>①</b>		<u> </u>		Big Trees	(>0,3m DBH)	0	0	0		0	4 =
mall Trees (<	0.3m DBH	0	0	0	3	0	10 -0	Small Trees (	<0.3m DBH)	0	0	0	0	0	34	Small Trees	(<0.3m DBH)	0	0	<b>2</b>	•	0	
Woody Shrubs	, Saplings 5m HIGH)		0	<b>3</b>	3	0		Woody Shrub	s, Saplings 1-5m HIGH)	0	0	•	0	0			bs, Saplings m-5m HIGH)	0	0	9	0	0	
Voody Shrubs	<del></del>	0	<b>(4)</b>	0	0	0		Woody Shrub		0	0	<b>②</b>	0	0		Woody Shru		0	0	9	0	0	
Herbs, F	orbs and Grasses	0	0	0	3	0		Herbs,	Forbs and Grasses	0	0	0	0	0	į.	Herbs,	Forbs and Grasses	0	0	0	0	0	1
	ground	0	0	<b>①</b>	0	0		Bare	ground	0	0	<b>②</b>	0	0		Bar	e ground	0	<b>(2)</b>	2	0	0	
Litt	ter, duff	0	0	0	3	0		Li	tter, duff	0	0	<b>②</b>	0	0		L	itter, duff	0	0	2	0	<b>(3)</b>	
	Rock	0	0	3	0	0			Rock	0	0	2	3	0			Rock	0	<b>(4)</b>	2	0	0	
	Water	9	0	<b>②</b>	0	0		1.74	Water	0	0	2	1	0			Water	•	0	0	0	0	
	bmerged egetation	0	0	2	0	0			ubmerged egetation		0	2	0	0			Submerged Vegetation	0	0	0	0	0	
Stress	or Pres	sence	e/Ab	senc	e - 1	Confi	rm that			ndica	tes p	esen	ce and	d an	unfilled	bubble indic	ates abse	nce b	y fillir	g this	s bub	ble. (	9
Resi	dential	and	Urba	an St	tres	sors			Hydrolo	gy S	tres	sors				NY LEWY	Agricultu	ıral 8	k Rui	al S	tress	sors	
ill bubble	if prese	ent - I	Plot	1	2	3	Flag	Fill bubbl	e if prese	ent - l	Plot	1	2	3	Flag	Fill bubble	if presen	t - Pl	ot	1	2	3	Flag
Road - gra	vel /			0	0	0	1	Ditches, C	hanneliza	ation		0	0	0	12	Pasture/Ha	ıy			0	0	0	
Road - two	lane			0	0	0		Dike/Dam.		R Bed		0	0	0		Range				0	0	0	
Road - fou	ır lane			0	0	0	. ' Y	Water Lev	el Contro	Stru	cture	0	0	0		Row Crops				0	0	0	
Parking Lo	Parking Lot/Pavement O O O						Excavation	n, Dredgii	ng		0	0	0		Fallow Fiel	D)		IG	0	0	0		
Golf Cours	se			0	0	0		Fill/Spoil E Freshly De		Codin	nont	0	0	0		Fallow Field SHRUBS, TRE		ASS,	21	0	0	0	
Lawn/Park				0	0	0	1	(UNVEGETA	ED)			0	0	0		Nursery					0	0	
Suburban	CARLES ON	itial		0	0	0	1	Soil Loss/		osure	100	0	0	0		Dairy				0	0	0	
Urban/Mul	titamily				0	0		Wall/Ripra				-	0	0		Orchard Confined A	nimal Foo	dina		0	0	0	-
Landfill Dumping				0	0	0		Inlets, Out Point Sou	ce/Pipe			0	0	0		Rural Resid		ung		0	0	0	
Trash				0	0	0		Impervious	surface			0	0	0		Gravel Pit				0	0	0	
Other:				0	0	0		(SHEETFLOV Other:	V)	-	-	0	0	0		Irrigation				0	0	0	
Other:				0	0	0		Other:				0	0	0		Other:				0	O	0	
Indus	strial D	evel	opm				S				y Vİ	No.			egeta	tion Stress	sors						
Fill bubble	if pres	ent - l	Plot	1	2	3	Flag	Fill bubble	if prese	nt - I	Plot	1	2	3	Flag	Fill bubb	le if prese	ent - F	Plot	1	2	3	Flag
Oil Drilling				0	0	0		Forest Clea	r Cut			0	0	0		Herbicide U	lse			0	0	0	
Gas Wells OOO Forest Selective C								ctive Cut			0	0	0		Mowing/Sh	rub Cutting			0	0	0		
Mine (surface) O O Tree Plantation							ition			0	0	0		Trails	W.			0	0	0			
Mine (underground) O O O Tree Canopy Herbi							y Herbiv	ory		0	0	0		Soil Compa (ANIMAL OR H				0	0	0			
Military				0	0	0		Shrub Laye (WILD OR DO		d		•	•	0		Offroad veh				0	0	0	
Other: OOO Highly Grazed Grasses (OVERALL <3" HIGH)							0	0	0		Soil erosion OR OVERUSE		ID, WA	TER,	0	0	0						
Other: OOO Recently Burned Forest Canopy							0	0	0		Other:			3	0	0	0						
Other:				0	0	0		Recently B		asslaı	nd	0	0	0		Other:				0	0	0	
● Fi	ag codes	: K = 1	No me	asure	ment	made	e, U = S	uspect meas	urement.,	F1,F2	2, etc.	= mis	c. flag	s ass	igned b	y each field c	rew.	2	2428	168	304	I	
В	uffer Sar	mple	Plots	05	/27/		iain ali 1	lags in comm	ient sectio	on on	uis Di	ICR OT	uns 10	n 111				110					

•	FORM B-1: BUFFER SAMPLE PLOTS (Front)  Reviewed by (initial):  DATE: 06   28   2012																					
Site I	D: P	'CA'	PB	W I:	221	0									DATE	0,6	128		2,0	1	2	
Location	on:								Fill	in b	ubb			lot(s	s) cou	ild not be	sample	ed an	d fla	<b>,</b> —		
OAAC	Center	С	N	0	S	<b>O</b> E	E 0	W		lot '	-		Plot		17/0	Plot 3			N			
Fill in bubble Strata Section	es for all thon; Fill in a	nat app approp	oly: Ca oriate o	nopy cover o	Type: class t	D = D	eciduou for eac	s; E = Evergre	Buffer een. Leaf T or each plo	ype: E	Br	oadlea	f; N = I	Needle	e Leaf. A	Absent: No tree oderate(10-40	е сапору. %); 3 = Hea	vy (40-7	'5%); 4	= Very	Heavy	(>75%)
Buffer	Canopy	у Тур	e: 🥑	(	) AI	bsen	t: O	Buffer	Canop	у Тур	e: 🕞	) (	) At	sent	: O	Buffer	Canopy	Туре:	0	1	Absen	t: O
Plot 1	Lea	f Typ	e: 🌘	) (			Flag	Plot 2	Lea	f Typ	e: (	) (			Flag	Plot 3	Leaf	Type:	<b>(</b>	$\odot$		Flag
Big Trees (>	0.3m DBH)	0	0	2				Big Trees (	0.3m DBH)	0	0	3	3			Big Trees	(>0.3m DBH)	$ \odot $	$\odot$			
mall Trees (<	0.3m DBH)	0	0	2				Small Trees (	<0.3m DBH)	0	0	(2)	<b>(</b>	0		Small Trees	(<0.3m DBH)	0	0	) (		
Woody Shrubs (0.5m-	s, Saplings -5m HIGH)	0	0		0	0		Woody Shrub (0.5m	s, Saplings 1-5m HIGH)		0	•	0	0			ubs, Saplings im-5m HIGH)	0	0 (	9 (		
Woody Shrubs		0	<b>(</b>	2	0	0		Woody Shrub		0	•	2	0	0			bs, Saplings <0.5m HIGH)	0	9 (	) (	0	
	orbs and Grasses	0	0	•	0	0	-		Forbs and Grasses	0	0		0	0			Forbs and Grasses	0		) (	0	
Bare	ground	0		(2)	0	0		Bare	ground	0	<b>(</b>	(2)	0	0		Bar	e ground	-	9 (		+ =	
Litt	ter, duff	0	0	(2)	0			Li	tter, duff	0	Ō	0	•	ŏ		L	itter, duff		-	0	+ -	
	Rock		Ō	0	0	0			Rock	0	0	•	0	$\tilde{\odot}$			Rock				+ -	
	Water		0	0	0	Ö			Water	0	0	2	Ö	$\frac{\circ}{\circ}$			Water	-		5 6	+ -	
	bmerged		$\odot$	(2)	0	0			ubmerged		$\overline{0}$	0	0	$\frac{\circ}{\circ}$			Submerged		$\overline{0}$			
	egetation	_	$\subseteq$	$\sim$			rm that		egetation	ndica			$\mathcal{L}$	$\stackrel{\smile}{-}$	unfilled	bubble indic	Vegetation					
	dential	71. WAR	Control (1991)	Table 1	and the same		m unac		Hydrolo	Tax Dr.	J - 1 20	Sureigns	oc am	a arr	DI IIIIICO		Agricultu					
A Charleston		language!	Control of the Contro	1000			E1					T	-	2	Class	Fill bubble			T	2		Flag
Fill bubble	Sinc or	ent - i	PIOT	1	2	3	Flag	Fill bubble			PIOT	1	2	3	Flag 2	12-12-27				+		riag
Road - gra				0	0	0		Ditches, C Dike/Dam/				0	0	0		Pasture/Ha Range	ay					
				0	0	0	1	(IMPEDE FLC		I Ctru	otura	0	0	0		Row Crops					-	ar.
Road - four lane  Parking Lot/Pavement  C			0	0	0		Excavation			Cluie	0	0	0		Fallow Fiel		RESTING			and the same of		
Golf Cours		ICIIL		0	0	0		Fill/Spoil B		'y		0	0	0		Fallow Fiel	d (OLD - GR	ASS,	-			
Lawn/Park		- 6	37	0	0	0		Freshly De	posited \$	Sedin	nent	0	0	0		Nursery	ES)		-	) (		
Suburban		tial		0	0	0		Soil Loss/		osure		0	0	0		Dairy						
Urban/Mul				0	0	0		Wall/Ripra				0	0	0		Orchard			_			
Landfill		- T		0	0	0	-	Inlets, Out				0	0	0		Confined A	mimal Fee	dina			NOTE OF THE PERSON	
Dumping				0	0	0		Point Sour	ce/Pipe	WATER		0	0	0		Rural Resi					-	
Trash	- 6 1 - 2			0	•	0		Impervious (SHEETFLOW	surface	input	9	0	0	0		Gravel Pit				0		
Other:		-		0	0	0		Other:	Harrison .			0	0	0	FASA	Irrigation					THE RESIDENCE	
Other:				o	0	O		Other:				0	0	0		Other:				) (		
Indus	strial D	evel	opmo	10.3300			8		NAME OF					100000	egeta	tion Stress	sors					
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 prese	ent - P	lot	1 2	3	Flag
Oil Drilling		<u>Di</u>		0	0	0		Forest Clea	r Cut			0	0	0		Herbicide U	Jse		(	0	0	
Gas Wells		Tour.	112	0	0	0		Forest Sele				0	0	0		Mowing/Sh	rub Cutting	1	(	0	10 0000	1
Mine (surfa	ace)			o	0			Tree Planta	tion			0	0	0		Trails	8 /	4419			-	1
Mine (unde						Tree Canop		огу		0	0	0		Soil Compa		76	-	9 (	-			
Military						(INSECT) Shrub Laye		d		9	0	0		(ANIMAL OR H	- Constitution	ge .	-		-	1		
								(WILD OR DON Highly Graz	ed Grass	ses			STATE OF			Soil erosion			ED			
Other:			12.50	0	0	0		(OVERALL <3* Recently Bu	HIGH)			0	0	0		OR OVERUSE	)				1000	1
Other:				0	0	0		Canopy Recently Bu			nd	0	0	0		Other:					9 100-1	-
Other: OOOO						(BLACKENED)				0	0	0		Other:	200	-41	_L	0 0				
					717	Exp		uspect meas lags in comm							igned b	y each neid c	rew.	2	4281	683	04	
Bı	uffer Sar	npie	riots	U5	/27/2	ZUII							100	-	1117	III A THE REAL PROPERTY.	100000				7777	112

FORM B-1: BUFFER SAMPLE PLOTS (Front)  Reviewed by (initial):																					
Site ID: PCAP BW 1226  Location: Fill in bubble(s) if plot(s) could not be sampled and flag —													١.7	λ.							
Location	222100						V215 V		Fill	in b	ubb	le(s)	if p	lot(s	s) cou	ıld not be	sampled and	lag -			
OAAC	enter	C	N	•	S	0	€ 0	W	1145	lot			Plot			Plot 3					
Fill in bubble Strata Section	es for all th	nat app	ply: Ca oriate o	nopy cover o	Type:	D = C	eciduou for eac	s; E = Evergre	Buffer en. Leaf T or each plo	ype: E	B = Bro	oadlea	f; N = I	Needle	Leaf.	Absent: No tree oderate(10-40	e canopy. %); 3 = Heavy (40-75%	); 4 = V	'ery H	eavy (	>75%)
Buffer	Canopy	у Тур	e: <b>(</b>	) (	) AI	bsen	t: O	Buffer	Canop	у Тур	e: <b>(</b>	(E	) At	osent	: O	Buffer	Canopy Type:	(E)	Ab	sent	: 0
Plot 1	Lea	f Typ	e: <b>(</b>	(			Flag	Plot 2	Lea	f Тур	e: <b>(</b>	<u> </u>			Flag	Plot 3	Leaf Type:	0			Flag
Big Trees (>	0.3m DBH)	0	0	2		0		Big Trees (>	0.3m DBH)	0	0	2	0	0		Big Trees	(>0.3m DBH) 0	0		0	
imall Trees (<	0.3m DBH)	0	0	2	•	0		Small Trees (	<0.3m DBH)	0	0	0	0	0		Small Trees	(<0.3m DBH) 0	0		0	
Noody Shrubs (0.5m-	, Saplings 5m HIGH)	0	0	0	•	0		Woody Shrub (0.5m	s, Saplings -5m HIGH)	0	0		0	0			ubs, Saplings im-5m HIGH)	0	0	0	
Noody Shrubs		0	0		0	0		Woody Shrub		0	0		0	0			bs, Saplings 0.5m HIGH)	0	0	0	
	orbs and Grasses	0	0	2	0	0		Herbs, I	orbs and Grasses	0	•	0	0	0	-	Herbs	Forbs and Grasses	0	0	0	,
	ground	0	•	2	0	0		Bare	ground	0		0	0	0		Bar	e ground ①	2	0	0	
Litt	ter, duff	0	0	2	0	9		Lit	ter, duff	0	0	2	0	0		Ĺ	itter, duff 🕕 🛈	0	•	0	
	Rock		0	2	0	0			Rock		0	0	0	Ó			Rock 0	0	0	0	
	Water	•	0	(2)	0	0			Water	•	0	<u>0</u>	0	Ō			Water 🕒 🕦	0	0	0	
	bmerged egetation		0	(2)	0	0			ubmerged egetation	0	0	0	0	$\overline{\odot}$			Submerged Vegetation	0	0	0	
		sence	e/Ab	send			rm that	Annual Control of	MARKET TO THE REAL PROPERTY.		tes pi	resen	ce an	d an	unfilled		cates absence by fil	ling thi	s bub	ble.	0
Resi	dential	and	Urba	an S	tress	sors		71.0 4 4	Hydrolo	gy S	tres	sors					Agricultural & R	ural S	tres	sors	
Fill bubble	if prese	ent - I	Plot	1	2	3	Flag	Fill bubble	e if prese	ent -	Plot	1	2	3	Flag	Fill bubble	e if present - Plot	1	2	3	Flag
Road - gra	vel			0	0	0		Ditches, C	hanneliza	ation		0	0	0		Pasture/Ha	ıy	0	0	0	1
Road - two	lane			0	0	0		Dike/Dam/		R Bed		0	0	0		Range		0	0	0	
Road - fou	ır lane	AV do		0	0	0		Water Lev		l Stru	cture	0	0	0	-	Row Crops		0	0	0	
Parking Lot/Pavement			0	0	0		Excavation	, Dredgii	ng		0	0	0		Fallow Fiel	d (RECENT-RESTING	0	0	0		
Golf Cours	se			0	0	0		Fill/Spoil B	anks			0	0	0		Fallow Fiel SHRUBS, TRE	d (OLD - GRASS, ES)	0	0	0	
Lawn/Park				0	0	0		Freshly De (UNVEGETAT		Sedin	nent	0	0	0		Nursery		0	0	0	
Suburban	Residen	tial		0	0	0		Soil Loss/F	Root Exp	osure		0	0	0		Dairy		0	0	0	
Urban/Mul	itifamily			0	0	0		Wall/Ripra	р			0	0	0		Orchard		0	0	0	
Landfill				0	0	0		Inlets, Out				0	0	0			nimal Feeding	0	0	0	H
Dumping				0	0	0		Point Sour (EFFLUENT C	R STORM	VATER	(3	0	0	0		Rural Resi	dential	0	0	0	
Trash				0	0	0		Impervious (SHEETFLOW		inpui		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:	10112A12	and the later of		0	O	0		Other:		0	0	0	
Indus	strial D	evel	opm	ent S	Stres	son	8						labit	tat/V	egeta	tion Stress	sors				
Fill bubble	if prese	ent - l	Plot	1	2	3	Flag	Fill bubble	if prese	nt - I	Plot	1	2	3	Flag	Fill bubb	le if present - Plot	1	2	3	Flag
Oil Drilling				0	0	0		Forest Clea	r Cut		Bis	0	0	0		Herbicide L	lse	0	0	0	
Gas Wells				0	0	0		Forest Sele	ctive Cut			0	0	0		Mowing/Sh	rub Cutting	0	0	0	
Mine (surfa	ace)			0	0	0		Tree Planta	tion			0	0	0		Trails		0	0	0	
Mine (unde	Aine (underground)					Tree Canop	y Herbiv	огу		0	0	0		Soil Compa (ANIMAL OR H		0	0	0			
Military OOO					Shrub Laye		d		•	•	•			nicle damage	0	0	0				
Other: O O O				Highly Graz (OVERALL <3*	ed Grass	ses		0	0	0		Soil erosion	(FROM WIND, WATER,	0	0	0					
Other: O O O				Recently Bu		rest	417	0	0	0		Other:	L)	0	0	0					
Other: 0 0 0				Recent Bu	ımed Gra	assla	nd	0	0	0		Other:		0	0	0					
Flag codes: K = No measurement made, U =								uspect meas				= mis	c. flag	s ass	lgned b		rew.	8168			
Bu	uffer Sar	nple	Plots	05	/27/:			lags in comm	ent section	on on	the ba	ck of	this fo	orm			242	0100	304		

Site	FORM B-1: BUFFER SAMPLE PLOTS (Front)  Reviewed by (initial):  DATE: 0.6   2.8   2.0   2.2																					
		C/-	<del>+Γ</del> ,	<u> </u>	21	22	26			1 L	- In In	1-/-	126	1-4/4	DAIL	06	<u> </u>	1	5725	( )		
Location		_	M	0		0		10/	19:22 1			1223				uld not be	sample	d and	tlag	-		
OAAC	enter		N	0	5	01	_ •	W	Buffer	Plot 1			Plot er S	Tropics of		Plot 3			1 9	1916	<u></u>	1
Fill in bubble Strata Section	s for all th on: Fill in a	nat app approp	ply: Ca priate (	over (	Type:	D = E	Deciduou e for eac	is; E = Evergre	en. Leaf T	Гуре: В	3 = Bro	oadlea	f; N = 1	Needle	e Leaf. A	Absent: No tree loderate(10-409	e canopy. %); 3 = Heav	ry (40-75	%); 4 = \	/ery H	eavy (	>75%)
Buffer Plot 1	Canopy Lea	y Typ If Typ			_	bsen	it: O	Buffer Plot 2	Canop Lea	y Typ af Typ		$\sim$	-	bsent	t: O	Buffer Plot 3	Canopy Leaf	Type: (	= =		osent	: O Flag
Big Trees (>			0	0		0		Big Trees (>			0	0		0		Big Trees	(>0.3m DBH)	00		0	<b>③</b>	1 145
Small Trees (<	0.3m DBH)	Ō	Ō	0	0	Ō	<b> </b>	Small Trees (	-	t	Ō		Ŏ	ŏ		Small Trees	(<0.3m DBH)	$\tilde{\odot}$	+=	0	0	
Woody Shrubs	, Saplings -5m HIGH)	0	0		0	0		Woody Shrub		6	0	0	0	$\overline{\odot}$			ıbs, Saplings im-5m HIGH)	00	+-	0	0	
Woody Shrubs		0		0	0	Ō		Woody Shrubs		(	0	0	<u>ŏ</u>	$\overline{\odot}$		Woody Shru		$\odot$	$\rightarrow$	0	0	
	orbs and Grasses		Ō	0		Ō	-		Forbs and	<u></u>	0	<u>@</u>	0	0			Forbs and	00	+ -	0	Õ	
Bare	ground			0	0	ŏ		Bare	Grasses ground		Ö	0	<u></u>	$\overline{\odot}$		Bar	Grasses e ground			3	0	
Litt	ter, duff	0	Ō	3	0	ō			tter, duff		ŏ	0	-	<b>9</b>		<del>                                     </del>	itter, duff	00	+=	0	0	
	Rock		Ō	2	0	Ō			Rock		Ŏ	<u>0</u>	ŏ	<u>0</u>			Rock		+=-	0	0	
	Water		Ō	<u>3</u>	0	0			Water		ŏ	0	0	$\overline{\odot}$			Water		1=	0	ŏ	
	bmerged	0	0	(2)	0	Ō			ubmerged /egetation		Õ	0	ŏ	$\overline{\odot}$			Submerged Vegetation	<b>1</b> 0	1	0	0	
						1_	irm that		-						unfilled	l bubble indic	1 0 3 0 1 0 1 1		1-			<b>6</b>
	dential						The Late		Hydrolo							T	Agricultu					33
Fill bubble	if prese	ent - I	Plot	1	2	3	Flag	Fill bubble				1	2	3	Flag				1	2	3	Flag
Road - gra	ivel			0	0	0		Ditches, Cl				0	0	0		Pasture/Ha	v	Tay'y	0	0	0	
Road - two				0	0	0		Dike/Dam/	Road/RR			0	0	0		Range	THE		0	0	0	
Road - fou	r lane	Ne la	18	0	0	0		Water Leve		l Stru	cture	-	0	0		Row Crops			0	0	0	
Parking Lo	t/Pavem	nent		0	0	0		Excavation	ı, Dredgir	ng		0	0	0		Fallow Field		ESTING	0	0	0	
Golf Cours	se		1	0	0	0		Fill/Spoil B				0	0	0		Fallow Field SHRUBS, TRE	d (OLD - GRA	SS,	0	0	0	
Lawn/Park		127		0	0	0		Freshly De (UNVEGETAT		Sedim	ent	0	0	0		Nursery			0	0	0	
Suburban	Residen	tial	W.	0	0	0		Soil Loss/F	Root Exp	osure		0	0	0		Dairy			0	0	0	
Urban/Mul	tifamily			0	0	0		Wall/Ripra	р			0	0	0		Orchard		MAN	0	0	0	
Landfill				0	0	0		Inlets, Outl				0	0	0		Confined A		ding	0	0	0	
Dumping		54		0	0	0		Point Source (EFFLUENT O	OR STORM			0	0	0		Rural Resid	dential		0	0	0	
Trash				0	0	0		(SHEETFLOW		Input		0	0	0		Gravel Pit		122	0	0	0	
Other:		10.00		0	0	0		Other:				0	0	0		Irrigation			0	0	0	
Other:				0	0	0		Other:				0	0	0		Other:		100	0	0	0	
Indus	strial De	evelo	opme	ent S	tres	sors	5					1/4	labit	tat/Ve	egetat	tion Stress	ors				193	
Fill bubble	if prese	ent - F	Plot	1	2	3	Flag	Fill bubble	if prese	nt - P	lot	1	2	3	Flag	Fill bubb	le if prese	nt - Plo	1	2	3	Flag
Oil Drilling				0	0	0		Forest Clear	r Cut			0	0	0		Herbicide U	se		0	0	0	
Gas Wells						Forest Selec	ctive Cut	811		0	0	0		Mowing/Shr	rub Cutting		0	0	0			
Mine (surfa	Mine (surface)						Tree Plantal				0	0	0		Trails			0	0	0		
Mine (underground)						Tree Canop (INSECT)	Marketon and a second			0	0	0		Soil Compa (ANIMAL OR HI		19 19	0	0	0			
Military O O O					Shrub Layer (WILD OR DOM	MESTIC)		WE	0	0	0		Offroad veh			0	0	0				
Other: O O O					Highly Graz	HIGH)			0	0	0		Soil erosion OR OVERUSE)		D, WATER	0	0	0				
Other: O O O					Recently Bu Canopy	irned For	rest		0	0	0		Other:			0	0	0				
Other: O O O						Recently Bu	rned Gra	asslan	ıd	0	0	0		Other:			0	0	0			
Fla	g codes:	K = N	lo me	asure	ment		e, U = S	uspect measu							gned b	y each field cr	ew.	24	2816	3304	7	
Bu	ıffer San	nple f	Plots	05,	/27/2		iam an n	lags in comm	ent secuc	on on t	ne ba	CK OI	mis to	HIII				Same.	4 - 14	2113		

								1				7050	-	_						-			
FORM B-1: BUFFER SAMPLE PLOTS (Front)  Reviewed by (initial):																							
Site ID: PCAP BW 226 DATE: 06/28/20														> 1	7								
Location:									Fill in bubble(s) if plot(s) could not be sampled and flag →														
AA Center ON OS OE OW										O Plot 1 O Plot 2 O Plot 3													
									Buffer							h							
Fill in bubble Strata Sectio	es for all th on: Fill in a	at app	riate o	nopy cover c	i ype: :lass t	oubble D = D	for each	s, E = Evergre n strata type fo	en. Lear i or each plo	ype: B	Absen	t; 1 = 5	parse	(<10%	6); 2=Mc	bsent: No tree derate(10-40%	%); 3 = Hea	vy (40-7	75%); 4	t = Ve	ry He	avy (>	75%)
Buffer Canopy Type: @				Absent:		t: O	Buffer	Canop	Canopy Type: 🕞		<u>(</u>	E At		: O	Buffer Canopy Type:			:0	E	Absei		1t: (	
Plot 1 Leaf Type			e: 🕝	) (	<b>①</b>		Flag	Plot 2	Leaf Type: 0		) (	)		Flag	Plot 3 Leaf Type: 6			:0	(2)			Flag	
Big Trees (>	0.3m DBH)	0	0	2	<b>(</b>	0		Big Trees (	0.3m DBH)	0	0	(2)	0	$\odot$		Big Trees	(>0.3m DBH)	0	$\odot$	3 (	<u> </u>	0	
mall Trees (<0.3m DBH)			(2)	<b>(</b>	0		Small Trees (	<0.3m DBH	0	0	0	0	<u> </u>		Small Trees	(<0.3m DBH)	0	0 0	2	<u> </u>	0		
Voody Shrubs, Saplings (0.5m-5m HIGH)		2	3	0		Woody Shrub (0.5n	s, Saplings 1-5m HIGH)		0	2	0	0	•		ubs, Saplings im-5m HIGH)	0	0	2	<u> </u>	<u> </u>			
oody Shrubs, Saplings (<0.5m HIGH)		2	<u></u>	0		Woody Shrub (<(	s, Saplings ).5m HIGH)	0	0	2	0	0			ibs, Saplings <0.5m HIGH)	0	$\odot$	2 (	<b>]</b>	0			
	Herbs, Forbs and Grasses 0		0	0	0		Herbs, Forbs and Grasses		0	0	0	0	0		Herbs,	Forbs and Grasses	0	0	2	3	0		
	Bare ground		2	0	0				0	0	0	0	0		Bar	e ground	0	0	2 (	<u> </u>	0		
Litter, duff    O		0	0	<b>(</b>		Li	tter, duff	0	0	0	0	0		L	itter, duff.	0	0	2	<b>3</b>	0			
	Rock	<b>(</b>	0	0	0	0			Rock	0	0	0	0	<u> </u>			Rock	0	0	2	<b>3</b>	0	
-	Water	<b>(a)</b>	0	2	0	0			Water	0	0	2	0	0			Water	0	0	2	0	0	4
	bmerged egetation	0	0	0	0	0			ubmerged egetation	0	0	0	0	<u>O</u>			Submerged Vegetation	0	0	2 (	<b>①</b>	0	
Stressor Presence/Absence - Confirm that a filled data bubble indicates presence and an unfilled bubble indicates absence by filling this													g this	bub	ble. (	9							
Residential and Urban Stressors Hy										gy S	tres	sors					Agricultu	ıral &	Rur	al St	ress	ors	
Fill bubble if present - Plot			1	2	3	Flag	Fill bubble if present - Plot			1	2	3	Flag	Fill bubble if present - Plot			ot	1	2	3	Flag		
Road - gravel			0	0	0		Ditches, Channelization			0	0	0	and a subtrema nic	Pasture/Ha	Pasture/Hay			0	0	0			
Road - two lane			0	0	0		Dike/Dam/Road/RR Bed (IMPEDE FLOW)			0	0	0		Range	inge			0	0	0			
Road - four lane			0	0	0	27.1	Water Level Control Structure			0	0	0		Row Crops				0	0	0			
Parking Lot/Pavement			0	0	0		Excavation, Dredging			0	0	0		ROW CROP FIEL				0	0	0			
Golf Course			0	0	0		Fill/Spoil Banks			0	0	0		Fallow Fiel SHRUBS, TRE		ASS,	3	0	0	0			
Lawn/Park			0	0	0		Freshly Deposited Sediment (UNVEGETATED)			0	0	0		Nursery				0	0	0			
Suburban Residential			0	0	0		Soil Loss/Root Exposure			0	0	0		Dairy			_	0	0	0			
Urban/Multifamily			0	0	0		Wall/Riprap			0	0	0		Orchard					0	0			
Landfill			0	0	0		Inlets, Outlets Point Source/Pipe				0	0	0			onfined Animal Feeding				0	0		
Dumping			0	0	0		(EFFLUENT	OR STORM			0	0	0		Rural Resi	dential			-	0	0		
Trash			0	0	0		(SHEETFLOV		npul		0	0	0		Gravel Pit			C10 1		0	0		
Other:		0	0	0		Other:				0	0	0		Irrigation				-	0	0			
Other:			0	0	0		Other:			0	0	0		Other:				0	0	이			
Indus	strial D	evel	opm	ent S	Stres	sor	S					1	labit	at/V	egeta	tion Stress	sors	100			ME		
Fill bubble if present - Plot			1	2	3	Flag	Fill bubble	if prese	nt - I	Plot	1	2	3	Flag	Fill bubb	le if pres	ent - P	Plot	1	2	3	Flag	
Oil Drilling			0	0	0		Forest Clear Cut			0	0	0		Herbicide L	Jse			0	0	0			
Gas Wells			0	0	0		Forest Selective Cut			0	0	0		Mowing/Shrub 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 (INSECT)			0	0	0		Soil Compa (ANIMAL OR H				0	0	0			
Military			0	0	0		Shrub Layer Browsed (WILD OR DOMESTIC)			0	0	0		Offroad vehicle damage				0	0	0			
Other:			0	0	0		Highly Grazed Grasses			0 10	0	0	0		Soil erosion (FROM WIND, WATER, OR OVERUSE)			TER,	0	0	0		
Other:			0	0	0		Recently Burned Forest				0	0	0		Other:				0	0	0		
Other:			0	0	0				mad Consoland					Other:				o	0	0			
Flag codes: K = No measurement made, U = Suspect measurement., F1,F2, etc. = misc. flags assigned by each field crew.																							
	uffer Sai				/27/:	Exp	lain all f	lags in comm	nent secti	on on	the b	ack of	this fo	rm		congress man			320	T 0 0	204		