CLEVELAND MET Project Label:	ROPARKS Plant Community Asses		Quality Control Form    Oliver Control Form   Present Metroparks
			Comment required if item answer is NO
Parking/Access outsid	e of Park Boundaries:	Y (N)	If yes, write details in Comments section below
Field journals complet		N (Q)	
Site sketch made on 1		G N	100000000000000000000000000000000000000
Check cover page	X-axis Bearing of plot recorded	N N	21
	GPS coords. Recorded	(Y) N	
	North direction recorded	(V) N	
	Photographs taken?	Ŵ N	1.51
Plot No., Date agreem	ent on all pages?	₩ N	
Header data completed		(ŷ) N	
	d in all Intensive modules	W N	
Browse Level By Spec		Q N	
Woody stem quality co	··· <del>-</del> ···	₩ N	
Invasive plant quality		₩ N	
Ash trees mapped		Y N	No Bh
Cover by Strata? (conf	irm cover type)	Ý N	
Soil samples collected		Ø N	
	atasheet with initials and number	(Ý) N	A1-12 1 - 11 1
Vouchers labeled on c		Ŵ N	No Varheis collection
Pink flags removed		Y N	
Data sheet QA before	leaving site?	(Ý) N	
Common equipment re		(Y) N	
Data sheets scanned?			Enter date to left Se 8/3/12
Final data sheets scann	ned?		Enter date to left
Buffer Widths measure	ed?	(Y) N	WZ 6-29-12
Web Soil Survey		(Y) N	SC 8312
Voucher Location	Refrigerator	Y N	
( # vouchers collected)	Press (#)		Enter number to left
	Drier	Y N	
	Identified	Y N	
	Mounted	Y N	
	Thrown away	Y N	
-	35775		3 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
GRTS point verificat	ion: Is plot sampleable?		
Yes	Original GRTS point is sampleable	,	
□ No	Original GRTS point lands in a non-	sampleable area (	fill in category below)
	□ Point falls in a water (i.e. river, I		an in outderly colony
-	☐ Managed mowed area (i.e. golf	course, picnic area, rig	ht-of-way)
	☐ Paved area (i.e. parkinglot, road)		
	☐ Unsafe to sample (i.e. steep slope ☐ Other	)	· · · · · · · · · · · · · · · · · · ·
A d d d d d d d d d d d d d d d d d d d			
Additional Comment	Si .	W.	· · · · · · · · · · · · · · · · · · ·
11			

CVS Field Guide OVER	*Definitions and values in CM PCAP FOM v. 1.0 and CVS Field Guide	Minimum required fields in Bold and Underlined
	□ Systematic (grid) □ Capture specific feature □ Other	Authority: G&C Pub Date: 1998
" DOUNT ACOVIOINA	□ Random □ Stratified Random □ Transect component	TAXONOMIC STANDARD
Viting octunitation mathematica repeas	Plot placement: bGRTS - Representative	lichen
Smother granditolia. Arisasma triphyllim	Photo Nos.: 098C	Ьгуо
Herb- E	Camera No.: 3	vascul. X n/a
ACRI NONM, CarpINUS CARDINEINA	Intensive modules: 2, 3, 8, 9 (EDIT IF MODIFIED)	high modera. low not smpl
Unrib Fagus granditalia, Aver southank	Depth: (1-5): 4	TAXONOMIC ACCURACY
5) 1. 15 15 16 16	X-axis Bearing of plot: $[i00]^{\circ}$	- Hurried data
THE THE CONTROL TO BY PONTS SENTING	Plot size for cover data: O./ (hectares)	nay still provide good
and with the design of the second	GPS File Name: 12644	Very thorough how much effort put into
Ver that consove Fred sound it lie Also	Coord. Accuracy: a m a ft 100% +-	Effort Level: subjective evaluation of
Vel.10//01 - 0 - 10	Longitude: - 81, 42652	SAMPLING QUALITY*
Ret calei GRTS	Latitude: 41, 55200	□ Perm. water □ Paved □ Slope □ Safety
	x = O $y = O$ (base of plot $x=0$ , $y=0$ )	PLOT NOT SAMPLED:   □ Other
localed by AB willians Memorial Pichil accu-	GPS location in plot $x=0$ to 5, $y=-1,0,+1$ ):	** Roles: Co-leader, Asst., Guide, Owner, Taxonomist, etc.
Location. About cours of the of restricted load	Datum: ■ NAD83/WGS84 □ NAD27	
	□ Other (specify ) ■ m □ ft □	C. Hottom Richtoch
1 avout: 2×5	■ Lat/Long □ UTM □ StatePlane ■ deg □ deg min	Kilouis Relatech
dominants, strata, BROWSE). Additional notes in space on back.	Coordinate system: Coord. Units	J. Patit Bot 1954
NOTES: Include Layout (any unusual shape details), Location (directions and landscape content) Rationals (why here) and Veg Characterization (description of community	Source of coordinates □ MAP ■ GPS	M. Breth Plot leader
Key: O(0) point point with direction permanent posts	If data not public why?	Party Role**
4 3 4 3	Reason:	End date (if > 1 day): / /
#1 #2 #3 #4 #5	□ Fuzz 100m □ Fuzz 250m □ Fuzz 500m	Date (mm/dd/yyyy): 57 /31/2012
	Check one: Public data Drivate Data	Level 5 (nested corners sampled)
2 1 2 1	Data Confidentiality:	<ul> <li>Level 4 (no nested corners sampled)</li> </ul>
plot: #10 #9 #8 #7 #6	Landowner: LM	Plot No.: 1264
2-10 3 4 3 4	Memoral Pichicarca	
**	Vames: A. B. W.	Plot Name: Do you smell yes?
	angle: Mallfie	Project Name: 5/NC20/2
Z	State: OH County: CVY	Project Label: PCAP
	LOCATION	GENERAL INFORMATION
Data Sheet "\$70 circland Microparts Page 1 of 2	CLEVELAND ME INOPARNS FIAIIT COMMUNITY Assessment Program - Background Data Sneet	CLEAND ME TOTANNO TALL CO

ONDER ON

CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet 2a グ Strata - Cov. entire plot Cleveland Metroparks Project Label: Total modules: 0 S H (F)(A) Br M 7 2 2 N ~ **C0** ŏ Rubus Phytolaces americana Smiler coton tolic Fagus asandilalia Magalia awaningta Callex Sp Rodachyllom Widle Sp. WAK Dec Sussafras Altbidom Mainsthemm candows Viburnum acentolium banisoendran Padicons Parthenge issus guinguelo his Picer Cubrum Moss Sp Acer Sp. (Seed) 20 Promos septima Astracens Francis Sp. Alce Sacharum helypteris novelexacensis incodesolar tulipitera (CSECMA describe amount of browse per species over inderes benzona Br = Browse Level. Use cover classes to 0 octtation Species entire plot E oilobium colora ENHORN C3-0988 V. 50 23 ဂ Intensive modules: %unveg. ground (bare soil) intensive module: Estimate for each %unvegetated open water %unveg. litter (bare litter) C3-0987 Project name: O) N C2012 Voucher# %open water depth 2 N 1 1 Sp. Ţ. T 9 cov | depth õ G 0 cov depth comer mod comer 2 N 2 77. 1 Plot configuration: 2×5 N T N 1 COV 1 W N 2 I N N N D COV 0 7 0 comer Plot no .: 1264 N 2 N 0 2 N 2 cov | depth depth T 4 W mod 2 W N ~ comer 604 depth œ mod W 3 CDV 10 1 œ 0 تم 0 0 cov | depth 7 7 12 depth тод N I N œ Plot area (ha): O. J COV CDV 2 N mod W F N N T Page \_\_ of & 0 N 2 CO 0 N 0 G T comer 2 cov | depth cov | depth N N 4 N N W 7 mod 604 COV depth depth mod 7 æ 7 comer COV COV

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

C3-0929

Natural Resource Management FORM NR/2010-02a

Project Label:	PCAP	Project Label: PCAP Project name: OlyNC2012 Plot no.: 1244	Page 2 of 2
Total modules:	10	Intensive modules: 4 Plot configuration: 2×5	Plot area (ha): O. /
Cleveland Wetroparks	Br = Browse Level. Use cover classes to describe amount of browse per species over entire plot	Estimate for each intensive module:  %univeg ground (bare soil)  **Suniveg titler force littler)  **Suniveg titler force littler)  **The stimate for each intensive module:  **The stimate for each intensive mod corner mod	comer mod comer mod comer mod comer  4 8 2 9 4 9 2 R R  cov depth cov depth cov depth cov depth cov
Т S H (F)(A) <b>Вг</b>	r Species	depth cov depth cov depth cov depth	cov depth cov depth cov depth cov
7	es sovidas		8

(A) Cleveland Metroparks

Project Label: PCAP	CLEVELAND METROPARKS Plant Community
Project Name: O   NC 2017	Assessment Program Natural Woody Stem
Plot No.: 1264	tem Data Sheet
Page: of	

<u>v.</u> 5 6 O O S Os mod 3 -حى I S 12 Aur sachanun Acer soucharum Standing dead Prunis serotina tagus grandifolia Standing dead Explain subsample (additional room on back) Acer soccharum Acer represent Smilox spotundifation onyong Ang. Sinny Fagus grandifolia standing dead Standing dead Acer rubrum tagus grandufolia Acer rubrum Acer saccharum Acer saccharum standing dead Fogus grandifolia Fagus grandifolia Acer saccharum tagus grandifolia tanding dead voucher# 38 94 ()3 (7) 73 browsed 0-1.4m # stems sample or super % sub clumps shrub 00 C size class (cm) woody stems >1.4m a 6 K N <u>수</u> •• 図区 × 3 40 Z D 1-<2.5 0 0 0 0 0 2.5-<5 0 0 0 0 . 5-<10 10 - <15 | 15 - <20 | 20 - <25 | 25 - <30 | 30 - <35 . 35 - <40 ô 10.0k 85,3 >40 (record each tree) 4.65  $\vec{\exists}$ 

ms >1.4m	Page: 2  10 - <15   15 - <20   20 - <25   25 -	# size class (cm) woody stems >1.4m or super shrub 1 2 3 4 5 6 7 8 9 10 clumps 0-<1 1-<2.5 2.5-<5 5-<10 10-<15 15-<20 20-<25 25-<30 30-<35	Page: 2 0  10-<15   6 7 8 9  10-<25   15-<20   20-<25   25-<30   30-
	000		
	II .		n ·
 	11		

CLEVELAND METROPARKS Plant Community Assessment Program - Plant Cover and Earth Surface Project Label: Project Name: OI NC ZOIZ

Plot No.:

1264

(2) Discretismed Medica pention Page: 1 of 1

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

At aspect

z

0.1m clip plots (32x,32 cm) from corners 1 and 3 in each intensive todale. Required for VIBI-E score calculation, C?=check when	from corners 1 and score calculation. (	3 in each	intensive when	
ollected				Ω
odule #	C7	Corner Corner	Corner	(F)
				ΨV

## □ FOREST □ swamp forest □ bog forest □ forest seep □ EMERGENT □ marsh □ wet meadow □ open bog Ohio EPA VIBI Plant Community Class (WETLANDS ONLY): □ FRINGING □ Reservoir □ Natural Lake ☐ SLOPE (ground water hydrology or on a physical slop) COASTAL (specify subclass) SHRUB a shrub swamp a tall sh. bog a tall sh. fen BOG (strongly, moderately, weekly ombrotrophic) RIVERINE | Headwater | Mainstern | Channel IMPOUNDMENT Beaver Human DEPRESSION drogeomorphic class (WETLANDS ONLY): = excellent. g Fit and Confidence ASSIFICATION FIF FILE F Film Film FI T FII Conf= Conf Conf-Conf\* Conf= Conf= Conf-Conf= Conf=

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Slope 1 = slight elevational grade across module (hill) tanks for microhabitat features. Selectione or select two and average the score.NOTE: If mod fals 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
- 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

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		£		0	0	١	00
	œ	h/	G	0	0	1	w
	_	(J1	ф —	0	0	١	2
	(count)	(count)	(count)	(count)	(count)	corner	mod#
	10x10m	10×10m	10x10m	3.16x3.16m	lxlm		
	depth 1	depth 1	depth 1	depth 2	depth 3		
				uplands (Tip-Ups)			
	(12-40cm)	(2-12 cm)	depressions	hummocks	tussocks		
	c.w.d	c.w.d	по. тасго.	no of	no. of		
13	c.w.d count for pieces with minimum 1m length	c.w.d cour					

## \* Terrain Shape Index (site microtopographic shape) Landform Index (position within landscape) +225 degree +180 degrees +45 degrees +315 degrees +27() degrees +135 degrees +90 degree: WN SW ZE SE €

eye of person standing -10 m

away"

angles formed by local slopes. For TSI measure angle from recorders eye to

horizon, TSI is LFI is angle of piot to the

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

					L
9	88	3	2	Module	
-	1	1	2	Z	
نىز	2	2	_	s	
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نیا	2	_	4	W	L
			11	- 1	

B

Natural Resources Mangement FORM NR/2010-05a

CLEVELAND METROPARKS Plant Community Assessment Program - Soils, Crown Cover, Standing Biomass Data Sheet 6a Project label: PCAP Project Name: OLNC 2012

Plot No.: 1264

Poleveland Metroparks

Page: 1 of 1

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

20 cm Soil pit module # 8 (one per entire plot) 5 cm matrix color 10YR 4/4 texture\* matrix color 10 YR 4/2 texture\* oxid roots hydr cond \*\*\* oxid roots ydro. cond.\*\*\* edox features\*\* edox features\*\* mottle ottle color NA mottle ottle color 0 I S M D S < M D  $\left(\mathbb{Z}\right)$ €)

refer to texture classes on reverse side

SOIL DEPTH MEASUREMENT: Measure to the nearest 0.1 cm in center of Intensive modules. If >30.5 cm,

6/3/12

record as >30

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

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

organic depth

2 litter

water depth

(cm)

1 litter+ (i)

cartnucións no day oigns of

0

S

6

US

0

0 0

×30 ¥30

ھ

4.0 4.6 depth (cm)

الا 100 230 soil (cm) depth sat

4.6

2.5

G

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

submersed, most plant mass below surface

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

Soil Collection Module Horizon (A, B, C)  2,3,8,9 composited  A	
Soil Series/Type EllsWorth Silt Loan	oam
Soil Series Source Ohio Soil Survey  End nioraines  Landform type: Kinells and a grown	2 ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (
7ill	morain
DRALISACIE	
□ Excessively dr □ Somewhat excessively	
Well drained Moderately well dr	
a Impermeable surface	

				Ę								
**** <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
		eter	in	1/16-10*	Q	Ø		99	Ø	percent	Surface*	CE & GROUN
Other		Rond/Trail	Bare Soil	Water	Bryophyte- Lichen	Duff (Ferm.+ Humus)	Litter	Fine Woody Debris****	Coarse Woody Debris***	(Each ≤ 100%)	Ground Cover	D COVER
0	7	Ø	N	Ø		98	98	C.C	18	percent		

	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	0.5 - 5	<b>6</b> 60
Herb	< -65	13
(Floating)*	/-	\
(Aquatic)*	/.	/
nooted and fit	<ul> <li>rooted and floating or slightly emersed</li> </ul>	sed

TRAIL INFORMATION:	ach
record type and cover for each	ach
Туре	%Cover
□ All Purpose	
□ Bridle	
□ Hiking sanctioned	
☐ Bootleg unsanctioned	
□ Gravel	
□ Deer	

Notra,

7							Г
	(Aquatic)*	(Floating)*	Herb	Shrub	Tree	Strata	
	/.	/-	< -65	05-5	> - 5	Height Range (m)	
			13	<b>6</b> 8	93	Total Cover (%)	

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    1-3 x plot size
lot size lot size plot size plot size ot size ot size

## CLEVELAND METROPARKS Plant Community Assessment Program: Invasive Species Survey



Microstegium vimineum Ranunculus ficaria Cynanchum louiseae Butomus umbellatus ( Heracleum mantegazzianum	etection/	Rapid response		115	T	sence	18/6	GPS	
Ranunculus ficaria Cynanchum louiseae Butomus umbellatus ( Heracleum mantegazzianum				I name	A COLUMN TWO IS NOT THE OWNER.				
Ranunculus ficaria Cynanchum louiseae Butomus umbellatus ( Heracleum mantegazzianum		Le con-	THE OWNER WHEN	NE	SE	SW	NW		Presence
Cynanchum louiseae Butomus umbellatus ( Heracleum mantegazzianum		Japanese stiltgrass							X: yes
Butomus umbellatus ( Heracleum mantegazzianum		Lesser Celandine							
Heracleum mantegazzianum	(vine)	Black Swallow-wort							]
	wetland)	Flowering Rush							
Tier 2:		Giant Hogweed							],
	Assess a	s Needed		Mes	# of	Plants		comments	
	E 1 (1 4)			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	9						3: 51-100
Lythrum salicaria (w	vetland)	Purple Loosestrife							4: 101-1,00
Aegopodium podagraria (C	G-cover)	Bishop's Goutweed							5: >1,000
Celastrus orbiculatus	(vine)	Asian Bittersweet			1				
Torilis sp.		Hedgeparsley							]
Conium maculatum		Poison Hemlock							1
Rhamnus cathartica		Common Buckthorn	(shrub)						1
Berberis thunbergii		Japanese Barberry	(shrub)	,					1
Alnus glutinosa		European Alder						r	1
Dipsacus laciniatus		Cut-leaf Teasel							1
Elaeagnus umbellata		Autumn Olive	(shrub)		1	1			1
Lonicera maackii		Amur Honeysuckle	(shrub)						1
Euonymus fortunei		Wintercreeper							1
	esence is	of Interest			# of	Plants	250A	comments	
	JONES N	OPEN CONTRACTOR		NE	SE	sw	NW		# of Plants
Convallaria majalis (0	G-cover)	Lily of the Valley							1: 1-10
Coronilla varia (0		Crown Vetch							2: 11-50.
Eleutherococcus pentaphyllus		Five-leaf Aralia	(shrub)						3: 51-100
		Japanese Pachysandra						······································	4: 101-1,00
Philadelphus coronarius		Mock Orange	(shrub)						5: >1,000
	G-cover)	Lungwort			- 1				di .
Rubus phoenicolasius		Wineberry							1
	vetland)	Yellow Flag Iris							1
Ornithogalum umbellatum		Star of Bethlehem							1
Viburnum opulus var. opulus		European Cranberry	(shrub)						1
Viburnum plicatum		Doublefile Viburnum	(shrub)	<u> </u>	1				1
	espread a	and abundant		See 3	Pres	ence	1363	comments	1
ninensulienkenstrakninentherroge				NE	SE	sw	NW		Presence
Alliaria petiolata		Garlic Mustard							X: yes
Ligustrum vulgare		Common Privet	(shrub)	Ì	1				1 ——
L. morrowii, L. tatarica		Bush Honeysuckles	(shrub)			<b></b>			1
Phalaris arundinacea		Reed Canarygrass		<del>                                     </del>					1
	etland)	Phragmites			<b> </b>				1
Polygonum cuspidatum	,	Japanese Knotweed		<b> </b>	1				1
			(shrub)	<b></b>	1			· · · · · · · · · · · · · · · · · · ·	1
				<b></b>	<del>                                     </del>	<del>                                     </del>			1
	)		(3111 015)		<del>                                     </del>	<b>-</b>	$\vdash$		
		<del>                                     </del>		<del> </del>	<del>                                     </del>	<del>                                     </del>			
				<del>                                     </del>	†	<del>                                     </del>			1
Hesperis matronalis		Dame's Rocket			<del> </del>		<del>  </del>		1
	-cover)	Periwinkle			<del> </del>	<del> </del>	$\vdash \vdash$		1
Frangula alnus Rosa multiflora Typha angustifolia, T. x.glauca Cirsium arvense Dipsacus fullonum	)	Glossy Buckthorn Multiflora Rose Cattails (wetland) Canada thistle Common Teasel	(shrub) (shrub)						

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

4bCM PCAP Invasive species datasheet.xls last revised 5/29/2012 ceh

No Invasive Survey!

				01445	20.000										107704				UUU			_	
FORM B-1: BUFFER SAMPLE PLOTS (Front)  Site ID: PCAPNC1264  PCAPNC1264  PCAPNC1264  Reviewed by (Initial Date: 0.7, 1.3, 1.7, 2.0)															_ (								
Site	ID:	CA	PN	c 17	26	1									DATE	E: 0 7	131	$\lfloor I \rfloor$	Z,	וְס	7	2	
Locati		1.46							Fill	in b	ubb	le(s	) if p	iot(s	s) co	uld not be	sample	ed an	d fla	g –	<b>→</b>		
OAA	Center	0	N	×	S	0	E C	W	5-675	lot	100		Plot			Plot 3			M				
Fill in bubble Strata Section	es for all thon: Fill in a	nat app approp	oly: Ca oriate d	anopy cover	Type:	D = [ bubbl	Deciduoi e for ead	us; E = Evergre th strata type fo	Buffer en. Leaf T or each plo	ype: E	3 = Br	oadlea	f; N =	Needle	e Leaf. A	Absent: No tre oderate(10-40	e canopy. %); 3 = Hea	ıvy (40-	75%); (	1 = Ve	ery He	eavy (	>75%)
Buffer	Canop	у Тур	e: <b>(</b>	) (	) A	bsen	t: O	Buffer	Canop	у Тур	e: <b>﴿</b>	<b>)</b> (	) AI	bseni	: O	Buffer	Canopy	Туре	: 🕝	£	Ab	sent:	0
Plot 1	Lea	f Typ	e: 🍕	) (			Flag	Plot 2	Lea	f Typ	e: <b>6</b>	<b>)</b> (			Flag	Plot 3	Leaf	Туре	: 🚳	N			Flag
Big Trees (>	0.3m DBH)	0	<b>(</b>	2	0	0		Big Trees (>	0.3m DBH)	0	0		3	0		Big Trees	(>0.3m DBH)	0	0	2		0	
Small Trees (<	0.3m DBH)	0	0	(2)	<b>3</b>	0		Small Trees (	<0.3m DBH	0	0	(2)	0	0		Small Trees	(<0.3m DBH)	0	0	2	9	0	
Woody Shrubs (0.5m-	s, Saplings -5m HIGH)	0	0	<b>(2)</b>	0	0		Woody Shrub (0.5m	s, Saplings -5m HIGH)		9	0	0	0			ubs, Saplings im-5m HIGH)		0	2	<b>(3)</b>	0	
Woody Shrubs (<0.	, Saplings .5m HIGH)	0	1	0	0	0		Woody Shrub (<0	s, Saplings ).5m HIGH)	<b>(5)</b>	0	2	0	0			ibs, Saplings <0.5m HIGH)	<b>③</b>	0	2	0	0	
Herbs, F	orbs and Grasses	0	<b>3</b>	2	0	0		Herbs, I	Forbs and Grasses	0	<b>3</b>	0	0	0		Herbs	Forbs and Grasses		<b>(</b>	2	0	0	
Bare	ground	0	<b>②</b>	2	0	0		Bare	ground	0	<b>3</b>	0	0	0		Bar	0	2	0	0			
Litt	ter, duff	0	0	2	0	1		Lit	tter, duff	0	0	2	0	<b>(3)</b>		L	itter, duff	0	0 (	2	0	<b>(1)</b>	
	Rock	<b>Ø</b>	•	2	0	0			Rock	<b>3</b>	0	(2)	0	<u> </u>			Rock		0	2	<u> </u>	0	-
	Water O O O O								Water	<b>③</b>	0	2	0	0		Water 🕑 🕦					<u> </u>	0	
									bmerged egetation	•	0	3	0	0		Submerged Vegetation				2	<u> </u>	0	
	2000		e/Ab	send	e - •	Confi	irm that	a filled data		-	tes p	resen	ce an	d an	unfilled				y filling	this	bub	ble.	9
Resi	dential	sors			Hydrolo	gy S	tres	sors					Agricult	ural &	Rur	al St	ress	sors	184				
							Flag	Fill bubble	e if prese	ent - I	Plot	1	2	3	Flag	Fill bubble	if preser	nt - Plo	ot ·	ī	2	3	Flag
Road - gra	ivel	000				Ditches, C	hanneliza	ation		0	0	0		Pasture/Ha	ıy			0	0	0			
Road - two	lane		Y B	0				Dike/Dam/Road/RR Bed (IMPEDE FLOW)					0	0		Range				-	0	0	
Road - fou	ır lane			0	0	0		Water Level Control Structure				0	0	0		Row Crops				0	0	0	
Parking Lo	t/Pavem	ent		0	0	0		Excavation, Dredging					0	0		Fallow Fiel	d (RECENT-	RESTIN	G	0	0	0	
Golf Cours	e			0	0	0		Fill/Spoil Banks				0	0	0		Fallow Field SHRUBS, TRE	d (OLD - GR	ASS,		0	0	0	
Lawn/Park	11119		E	0	0	0		Freshly De		Sedin	ent	0	0	0	T E	Nursery				0	$\circ$	0	
Suburban	Residen	tial	TA	0	0	0		Soil Loss/F	Root Expe	osure		0	0	0		Dairy				)	0	0	
Urban/Mul	tifamily			0	0	0		Wall/Ripra	p			0	0	0		Orchard				0	0	0	
Landfill				0	0	0		Inlets, Out				0	0	0		Confined A	nimal Fee	ding		0	0	0	
Dumping		-5-20		0	0	0		Point Sour (EFFLUENT C	RSTORM			0	0	0		Rural Resid	dential		- (	2	0	0	
Trash				0	0	0		Impervious (SHEETFLOW		input		0	0	0		Gravel Pit				2	0	0	
Other:				0	0	0		Other:			_	0	0	0		Irrigation			_			0	
Other:				0	0	0	-	Other:		in the second		0	0	0		Other:			_ '	) c	0	0	
Indus	strial De	evelo	pme	ent S	Stres	sor	8					ı	Habit	at/V	egeta	tion Stress	ors						
ill bubble	if prese	ent - F	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	FRA			0	0	0		Forest Clea	r Cut			0	0	0		Herbicide U	se		(	0	0	0	
Gas Wells				0	0	0		Forest Sele	ctive Cut			0	0	0		Mowing/Shi	ub Cutting		(	0	0	0	
Mine (surfa	ace)	115		0	0	0		Tree Planta	tion	16.		0	0	0		Trails			(	0	0	0	
Mine (unde	erground	)		0	0	0	9	Tree Canop	y Herbivo	ory		0	0	0		Soil Compa (ANIMAL OR H			(	5	0	0	
Military				0	0	0		(INSECT) Shrub Layer Browsed				<b>D</b>	0	0		Santage ton in		ge			-	0	
Other:			1	0	0	0		(WILD OR DOMESTIC) Highly Grazed Grasses				0	0	0		Offroad vehicle damage Soil erosion (FROM WIND, WATER,			CD T			0	
Other:	Recently Burned Fores				est		0	0	0		OR OVERUSE Other:	<u>V</u>					0						
Other: OOO				Canopy Rumod Graceland				0	0	0	***********	Other:						5					
							Support recoverant F4 F2 at a mine flow sectioned by each field army																
	ıffer San				/27/2	Exp	lain all f	lags in comm	ent sectio	n on	the ba	ck of	this fo	rm	J 17	,		2	4281	.683	304		

														7.2				
FORM B-1: BUFFER SAMPLE PLOTS (Front)  Reviewed by (Initial):  PATE:														•				
Site ID: PCAPA	1012	64										DATE	. 0.7	13112	0	1	2	
Location:	-			- 11		Fill	in b	ubb	le(s	) if p	lot(	s) cou	ıld not be	sampled and	lag -	<b>→</b>	$\Box$	
O AA Center O N	•	S	01	≣ 0	W	OF	lot	1	0	Plot	2	OF	Plot 3					
Fill in his block for all the same of the		<b></b>	D - 5			Buffer										46-		
Fill in bubbles for all that apply: C Strata Section: Fill in appropriate															); 4 = \	/ery H	eavy (	(>75%)
Buffer Canopy Type:	) (	A	bsen	t: O	Buffer	Canop	у Тур	e: (	) (	) Al	oseni	: O	Buffer	Canopy Type:	<u> </u>	) At	sent	: O
Plot 1 Leaf Type:	) (	5		Flag	Plot 2	Lea	f Typ	e: (	) (			Flag	Plot 3	Leaf Type:	$\overline{}$	$\overline{}$		Flag
Big Trees (>0.3m DBH)	0	1	0		Big Trees (	>0.3m DBH)	0	0	<b>②</b>	0	<u> </u>		Big Trees	(>0.3m DBH) 0	(2)	0	0	
mail Trees (<0.3m DBH)	0	0	0		Small Trees (	<0.3m DBH	0	0	0	0	0		Small Trees	(<0.3m DBH) 0	0	0	0	
Voody Shrubs, Saplings (0.5m-5m HIGH)	<b>*</b>	0	0		Woody Shrut (0.5r	s, Saplings n-5m HIGH)	0	0	0	0	0			ubs, Saplings im-5m HIGH)	0	<u>0</u>	0	
Voody Shrubs, Saplings (<0.5m HIGH)	0	0	0		Woody Shrub	s, Saplings 0.5m HIGH)	0	0	0	0	0			bs, Saplings <0.5m HIGH)	0	0	0	
Herbs, Forbs and Grasses	0	0	0		Herbs,	Forbs and Grasses	0	0	0	0	0		Herbs,	Forbs and Grasses	0	0	0	
Bare ground	0	0	0		Bare	ground	0	0	0	0	0		Bar	re ground ① ①	0	0	0	-
Litter, duff 💿 🕦	0	0	<b>3</b>		Li	tter, duff	0	0	2	0	0		L	itter, duff 💿 🕦	0	0	0	
Rock 🔵 🛈	2	0	0			Rock	0	0	2	0	<u></u>			Rock ① ①	0	0	0	
Water 🦪 🕦	Water 🕖 🔾 🔾 🔾						0	0	0	0	0			Water ① ①	0	0	0	
Submerged (5)	2	0	0			ubmerged /egetation	0	0	<u>(1)</u>	0	$\overline{\odot}$			Submerged Vegetation	(2)	(3)	0	
vegetation =		ce -	Confi	rm that				tes pi			d an	unfilled			ling th	is but	ble.	0
Stressor Presence/Absence - Confirm that a filled data bubble indicates presence and an unfilled bubble indicates absence by filling Residential and Urban Stressors  Hydrology Stressors  Agricultural & Ru												ural S	tres	sors				
ill bubble if present - Plot	1	2	3	Flag	Fill bubbl	e if prese	ent - I	Plot	1	2	3	Flag	Fill bubble	e if present - Plot	1	2	3	Flag
Road - gravel O O O					Ditches, C	hanneliza	ation	£.4	0	0	0		Pasture/Ha	ıy	0	0	0	
Road - two lane OOO					Dike/Dam		Bed	AB	0	0	0		Range		0	0	0	
Road - two lane O			0		Water Lev	COVER TO SECURITION	l Stru	cture	0	0	0		Row Crops		0	0	0	
Parking Lot/Pavement	0	0	0		Excavation, Dredging					0	0		Fallow Field	d (RECENT-RESTING	0	0	0	
Golf Course	0	0	0		Fill/Spoil Banks					0	0		Fallow Field SHRUBS, TRE	d (OLD - GRASS, ES)	0	0	0	
Lawn/Park	0	0	0		Freshly De (UNVEGETA		Sedin	nent	0	0	0	,	Nursery	0	0	0		
Suburban Residential	0	0	0		Soil Loss/	Root Expo	osure		0	0	0		Dairy			0	0	
Urban/Multifamily	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	
Dumping	0	0	0	:	Point Soul	OR STORM			0	0	0		Rural Resid	dential	0	0	0	
Trash	0	0	0		Impervious (SHEETFLOV		input		0	0	0		Gravel Pit	me ge <sub>ren</sub> mensee on	0	0	0	
Other:	0	0	0		Other:				0	0	0		Irrigation		0	0	0	
Other:	10	0	0	Acres Trust (	Other:				0	0	0	74.70	Other:		0	0	0	
Industrial Developm	ent :	Stres	sor	3					1	Habit	at/V	egeta	tion Stress	ors				
ill bubble if present - Plot	1	2	3	Flag	Fill bubble	if prese	nt - F	Plot	1	2	3	Flag	Fill bubb	le if present - Plot	1	2	3	Flag
Oil Drilling	0	0	0		Forest Clea	r Cut	1196		0	0	0		Herbicide U	se	0	0	0	
Gas Wells	0	0	0		Forest Sele	ctive Cut			0	0	0		Mowing/Shi	rub Cutting	0	0	0	
Mine (surface)	0	0	0		Tree Planta				0	0	0		Trails		0	0	0	
Mine (underground)	0	0	0		Tree Canor	y Herbivo	огу		0	0	0		Soil Compa (ANIMAL OR H		0	0	0	
Military OOO					Shrub Laye		d		0	0	0		The same of the sa	icle damage	0	0	0	
Other: O O O				Highly Graz	ed Grass	ses		0	0	0		Soil erosion	(FROM WIND, WATER,	0	0	0		
Other: O O O					Recently Burned Forest				0	0	0		Other:	0	0	0		
Other: OOO					Recently Burned Grassland				0	0	0		Other:	γ	0	0	0	
Flag codes: K = No measurement made, U = Suspect measurement, F1,F2, etc. = misc. flags assigned by each field crew.  Explain all flags in comment section on the back of this form.																		
Buffer Sample Plots		/27/:	Exp		lags in comm							Tiell's	BELEVILLE Y	242	отр	304		

			01-2-1/												11.22									
FORM B-1: BUFFER SAMPLE PLOTS (Front)  Site ID: PCAPNC 1264  DATE: 0.7   3.1   2.0.1.2  Location: Fill in bubble(s) if plot(s) could not be sampled and flag ->																								
Site I	D:	PC.	APN	101	26	,4									DATE	: 07	131	1	2	0	1	2		
Locati	on:	171	33	313		3			Fill	in b	ubb	le(s)	if p	lot(s	s) cou	ıld not be	sample	d ar	nd fl	ag -	<b>→</b>	_	П	
O AA	Center	0	N	0	S	O	€ 0	w	OP	lot 1		01	Plot	2	OF	lot 3								
									Buffer						-					40				
								s; E = Evergre h strata type fo										vy (40-	75%);	4 = V	ery H	avy (	>75%)	
Buffer	Canopy	у Тур	e: 🕖	) (	) AI	bsen	t: O	Buffer	Canopy	у Тур	e: (º	) (	) Ab	sent	: O	Buffer	Сапору	Туре	: ①	(E)	Ab	sent	: 0	
Plot 1	Lea	f Typ	e: 🧶	) (			Flag	Plot 2	Lea	f Typ	e: (		_		Flag	Plot 3	Leaf	Туре	: 0	N			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	0	0		
mall Trees (<	0.3m DBH)	0	0	0	•	0		Small Trees (	<0.3m DBH)	0	0	0	0	0		Small Trees	(<0.3m DBH)	0	0	0	<u>(3)</u>	0		
Noody Shrubs	s, Saplings 5m HIGH)	0	0	<b>@</b>	0	0		Woody Shrub (0.5m	s, Saplings n-5m HIGH)	0	0	0	0	0			ubs, Saplings 5m-5m HIGH)	0	0	0	0	0		
Noody Shrubs (<0.	s, Saplings .5m HIGH)	0		(2)	0	0		Woody Shrub (<0	s, Saplings ).5m HIGH)	0	0	0	0	0			ubs, Saplings <0.5m HIGH)	0	0	0	0	0		
	orbs and Grasses	0		3	0	0			Forbs and Grasses	0	0	2	0	0		Herbs	, Forbs and Grasses	0	0	0	0	0		
Bare	ground		0	3	0	0		Bare	ground	0	0	2	0	0		Bai	re ground	0	0	0	0	0		
, Lit	ter, duff	0	0	<b>②</b>	0	0		Li	tter, duff	0	0	3	0	0		L	itter, duff	0	0	0	0	0		
	Rock	0	<b>(</b>	<b>①</b>	0	0			Rock	0	0	0	0	0			Rock	0	0	0	0	0		
	Water 0 0 0 0								Water	0	0	000				Water ① ①					0	0		
	bmerged egetation	<b>**</b>	0	<b>②</b>	0	0			ubmerged /egetation	0	<u></u>	2	0	0			Submerged Vegetation	0	0	0	0	0		
			e/Ab	senc	:e -	70000000000	rm that			ndica	es p	esen	ce and	d an	unfilled		ng thi	this bubble.						
Stressor Presence/Absence - Confirm that a filled data bubble indicates presence and an unfilled bubble indicates absence by filling  Residential and Urban Stressors Hydrology Stressors Agricultural & Rura													ral S	tres	sors									
Fill bubble	if prese	ent - I	Plot	1	2	3	Flag	Fill bubble	e if prese	ent - I	Plot	1	2	3	Flag	Fill bubble	e if preser	ıt - Pl	ot	1	2	3	Flag	
Road - gravel O O Di						Ditches, Channelization Dike/Dam/Road/RR Bed				0	0	0		Pasture/Ha	ay			0	0	0				
Road - two lane OOO					Dike/Dam/		Bed		0	0	0		Range		X II d		0	0	0					
Road - two lane OOO				-	Water Lev		Stru	cture	0	0	0		Row Crops	5			0	0	0					
Parking Lo	ot/Paverr	nent		0	0	0		Excavation, Dredging					0	0		Fallow Fiel		RESTIN	1G	0	0	0	63	
Golf Cours	se			0	0	0		Fill/Spoil B	lanks			0	0	0		Fallow Fiel	ld (OLD - GR	ASS,		0	0	0		
Lawn/Park	رقون			0	0	0	8	Freshly De		Sedim	ent	0	0	0		Nursery	WE, ste			0	0	0		
Suburban	Residen	tial		0	0	0		Soil Loss/I	Root Expe	osure		0	0	0		Dairy				0	0	0		
Urban/Mul	ltifamily			0	0	0		Wall/Ripra	р			0	0	0		Orchard				0	0	0		
Landfill				0	0	0		Inlets, Out				0	0	0		Confined Animal Feeding				0	0	0		
Dumping				0	0	0	!	Point Sour (EFFLUENT C	OR STORM			0	0	0		Rural Resi	dential		4.3	0	0	0		
Trash				0	0	0		Impervious (SHEETFLOV		input		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		
Indu	strial D	evel	opm	ent S	Stres	sor	8						labit	at/V	egeta	tion Stres	sors							
-ill bubble	if prese	ent - I	Plot	1	2	3	Flag	Fill bubble	if prese	nt - F	Plot	1	2	3	Flag	Fill bubb	ole if pres	ent - I	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				0	0	0		Forest Sele	ctive Cut			0	0	0		Mowing/Sh	rub Cutting	)		0	0	0		
Mine (surf	ace)			0	0	0		Tree Planta	tion		8	0	0	0		Trails	AND DESCRIPTION OF THE PERSON			0	0	0		
Mine (underground)					Tree Canop	y Herbive	огу		0	0	0		Soil Compa				0	0	0					
Military				OOO Shrub Layer Browsed (WILD OR DOMESTIC)					d		0	0	0		Offroad vel		ge		0	0	0			
Other:				0	0	0		Highly Graz	ed Grass	ses		0	0	0		Soil erosion	n (FROM WIN		TER,	0	0	0		
Other:			7	0	0	0		(OVERALL <3" Recently Bi	urned For	est		0	0	0		OR OVERUSE Other:	1			0	0	0		
Other:		sud Dyco		0	0	0			ntty Burned Grassland O O O Others						=	0	0	0	There's					
	ag codes	K=N	No me				. U = S	(BLACKENED)	measurement., F1,F2, etc. = misc. flags assigned by each field crew.  2428168304															
	uffer Sar					Е <b>хр</b> 2011	lain all f	lags in comm	ent section	on on	he ba	ick of	this fo	rm			III Destr		2428	3168	3304			
		اعامان		- 0.0	,-//										1000	200								

•	FO	RM B-1: BUFF	ER	SAI	MPL	ΕP	LOT	rs (F	ront)		Reviev	ved by	(initial)	:	_ (	D						
Site	ID:	PCA	PN	C 17	64									DATE	0.7	131	1	2	0	1	2	
Locati			ă.					Fil	l in b	ubb	le(s	) if p	lot(	s) cou	ıld not be	sample	ed a	nd f	ag -	<b>→</b>		
OAA	Center	4	N	0	S	01	E 0	w 01	Plot	1	0	Plot	2	OF	Plot 3							
					_			Buffer														
								s; E = Evergreen. Leaf in the strata type for each place in the strata type for each place in the strate in the st									avy (40	-75%)	; 4 = V	ery H	eavy (	>75%)
Buffer	Canopy	у Тур	e: <b>{</b>	) (	) A	bsen	t: O	Buffer Canon	у Тур	e: 🦸	) (	) AI	bsen	: ()	Buffer	Canopy	/ Тур	e: 🎒	(E)	Ab	sent:	0
Plot 1	Lea	f Typ	e: <b>(</b>	) (			Flag	Plot 2 Lea	af Typ	e: <b>(</b>		$\rightarrow$		Flag	Plot 3	Leat	Type	e: <b>8</b>	0			Flag
Big Trees (>	0.3m DBH)	0	0	(2)	<b>(</b>	0		Big Trees (>0.3m DBH	0	0	2		0		Big Trees	(>0.3m DBH)	0	0		0	0	
mall Trees (<	0.3m DBH)	0	0	2	0	9		Small Trees (<0.3m DBF	0	0	(2)		0		Small Trees	(<0.3m DBH	0	0	0	0	<b>(1)</b>	
Woody Shrubs (0.5m-	, Saplings 5m HIGH)	0	0		0	0		Woody Shrubs, Saplings (0.5m-5m HIGH)		0	0		0			ıbs, Saplings m-5m HIGH)		0	0	<b>6</b>	0	
Woody Shrubs (<0.	, Saplings .5m HIGH)	0	<b>(4)</b>	(2)	0	0		Woody Shrubs, Saplings (<0.5m HIGH)			3	0	0			bs, Saplings 0.5m HIGH)		<b>(</b>	2	0	0	
Herbs, F	orbs and Grasses	0	<b>3</b>	②	0	0		Herbs, Forbs and Grasses			0	0	0	*.	Herbs,	Forbs and Grasses		<b>(2)</b>	0	0	0	
Bare	ground	0	<b>3</b>	2	0	0		Bare ground		0	0	0	0		Bar	e ground	0	<b>(3)</b>	0	0	0	
Lit	ter, duff	0	0	(2)	0	<b>(3)</b>		Litter, duff	0	0	0	0	<b>6</b>		L	itter, duff	0	0	0	0	<b>(3)</b>	
	Rock	0	<b>②</b>	2	0	0		Rock	0	2	0	0			Rock	<b>②</b>	0	0	0	0		
	Water	<b>(2)</b>	0	0	0	0		Water	0	0	0	0			Water	<b>(4)</b>	0	0	0	0		
	bmerged egetation	<b>②</b>	0	2	0	0		Submerged Vegetation		0	0	0	0			Submerged Vegetation		0	0	3	0	
0.00		senc	e/Ab	send	ce -	Confi	rm that	a filled data bubble		tes p	resen	ce an	d an	unfilled		77 10 10 10 10 10 10 10 10 10 10 10 10 10		by filli	ng thi	s bub	ble.	9
Resi	Residential and Urban Stressors							Hydrole	ogy S	tres	sors		- 18		The way	Agricult	ural	& Ru	ral S	tres	sors	
						Flag	Fill bubble if pres	ent -	Plot	1	2	3	Flag	Fill bubble	if prese	nt - P	lot	1	2	3	Flag	
Road - gravel O O O					dance to the same	Ditches, Channeliz	ation		0	0	0		Pasture/Ha	ıy			0	0	0			
Road - two lane OOO					Dike/Dam/Road/RI	R Bed		0	0	0		Range	W. S		77	0	0	0				
Road - fou	r lane			0	0	0		Water Level Contro	ıcture	0	0	0		Row Crops		Rigg		0	0	0		
Parking Lo	ot/Pavem	ent		0	0	0	İ	Excavation, Dredg	ng		0	0	0		Fallow Fiel ROW CROP FIEL	D)		NG	0	0	0	
Golf Cours	se			0	0	0		Fill/Spoil Banks				0	0		Fallow Field SHRUBS, TRE		ASS,		0	0	0	
Lawn/Park				0	0	0		Freshly Deposited (UNVEGETATED)			0	0	0		Nursery				0	0	0	
Suburban		tial		0	0	0		Soil Loss/Root Exp	osure		0	0	0		Dairy				0	0	0	
Urban/Mul	tifamily			0	0	0		Wall/Riprap			0	0	0		Orchard				0	0	0	
Landfill				0	0	0		Inlets, Outlets Point Source/Pipe			0	0	0		Confined A Rural Resid		eding		0	0	0	
Dumping				0	0	0		(EFFLUENT OR STORM	WATER	(Y	10	0	0	•	Gravel Pit	Jenuar			0	0	0	
Trash Other:				0	0	0		(SHEETFLOW) Other:			0	0	0		Irrigation				0	0	0	
Other:				0	0	0		Other:		-	0	0	0		Other:	28112			0	0	0	
	strial De	ovol	onm											oneta	tion Stress	ore	026	188	0	<u></u>	<u></u>	En j
	land and the same			1		3		Fill bubble if prese		Diet	1	2	3	Flag	Fill bubb			Diet	1	2	3	Flag
Oil Drilling	t district	- JII	Piot		2		Flag		nt -	PIOL	-		03032	riag			enr -	PIOL	0	0	0	riag
Gas Wells		-		0	0	0		Forest Clear Cut			0	0	0		Herbicide U					(Cook)	100	
				0	0	0		Forest Selective Cu			0	0	0		Mowing/Shi	rub Cuttin	g	-	0	0	0	
Mine (surf		18		0	0	0		Tree Plantation Tree Canopy Herbiv	orv		0	0	0		Trails Soil Compa	ction			0	0	0	
Mine (und	erground	)		0	0	0		(INSECT)			0	0	0		(ANIMAL OR H				0	0	0	
Military				0	0	0		Shrub Layer Browsed (WILD OR DOMESTIC) Highly Grazed Grasses			0	0	•		Offroad veh Soil erosion			TER.	0	0	0	
Other:				0	0	0	(OVERALL <3* HIGH)  Recently Burned For				0	0	0		Soil erosion (FROM WIND, WATER, OR OVERUSE)				0	0	0	
Other:				0	0	0		Canopy  Recently Burned Grassland				0	0		Other:				0	0	0	
Other:				0	0	0		(BLACKENED)	0	0	0		Other:	-		_	0	0	0			
● Fi	ag codes:	K = 1	No me	asure	ment			uspect measurement.						igned b	y each field c	rew.		2428	3168	304	14	

Buffer Sample Plots 05/27/2011



								\ /															
FORM B-1: BUFFER SAMPLE PLOTS (Front)   Reviewed by (initial):   Site ID:   PCAPNC1264																							
Site I	D:	PCA	PN	12	64										DATE	07	131	1	2	0	1 3	?	
Location		100					THE R		Fill	in b	ubb	le(s	) if p	lot(s		ıld not be							2
OAAC	Center	0	N	0	S	<b>●</b> I	Ε Ο	W	OP	lot	1	0	Plot	2	OF	Plot 3							
	6!! Ab		-b- C-		T	D = 5	>==!d::=::		Buffer							heart No tro	0.000000						
								s; E = Evergre h strata type fo										vy (40	-75%)	4 = V	ery He	eavy (	>75%)
Buffer	Canopy	у Тур	e: <b></b>	(	) AI	bsen	t: O	Buffer	Canopy	у Тур	e: <b>(</b>	) (	) AI	bsent	: 0	Buffer	Сапору	Тур	e: 🍘	1	Ab	sent:	0
Plot 1	Lea	f Typ	e: 餐	) (	)		Flag	Plot 2	Lea	f Typ	e: 🍕	) (			Flag	Plot 3	Leaf	Туре	e: 🗿	0			Flag
Big Trees (>	0.3m DBH)	0	0	2	0	<b>(5)</b>		Big Trees (>	•0.3m DBH)	0	0	(2)		0		Big Trees	(>0.3m DBH)	0	0	2	<b>3</b>	0	
Small Trees (<	0.3m DBH)	0	0	(2)	0	9		Small Trees (	<0.3m DBH)	0	0	0	0			Small Trees	(<0.3m DBH)	0	0	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	0			ubs, Saplings 5m-5m HIGH)	0	<b>(3)</b>	2	0	0	
Woody Shrubs (<0.	s, Saplings .5m HIGH)	0	0	<b>(</b>	0	0		Woody Shrub (<0	s, Saplings ).5m HIGH)	0	0	<b>6</b>	0	0			ibs, Saplings <0.5m HIGH)	0	9	0	0	0	
	orbs and Grasses	0	<b>(3)</b>	2	0	0		Herbs, F	orbs and Grasses	0	<b>6</b>	0	0	0		Herbs	Forbs and Grasses	0	<b>③</b>	0	0	0	
•	ground		0	2	0	0		Bare	ground	<b>(3)</b>	0	0	0	0		Bare ground					0	0	
Litt	ter, duff	0	0	2	0	<b>(3)</b>		Lit	tter, duff	0	0	0	0			L	itter, duff.	0	0	0	0	<b>③</b>	
	Rock (1) (2) (2) (3) (4)								Rock	<b>③</b>	0	2	0	0		Rock 0					0	0	
	Water O O O O								Water	<b>(</b>	0	0	0	0			Water		0	2	0	0	
		<b>(</b>	0	0	0	0			ubmerged egetation	<b>(3)</b>	0	0	0	0			Submerged Vegetation	<b>(3)</b>	0	0	0	0	
Vegetation													ng thi	s bub	ble.	•							
Residential and Urban Stressors Hydrology Stressors Agricultural & Rura													ral S	tres	sors								
Fill bubble	if prese	ent - F	Plot	1	2	3	Flag	Fill bubble	e if prese	ent - I	Plot	1	2	3	Flag	Fill bubble	e if preser	nt - P	lot	1	2	3	Flag
Road - gra	pad - gravel OOO							Ditches, C	hanneliza	ation		0	0	0		Pasture/Ha	ay			0	0	0	
Road - two	load - gravel OOO						Dike/Dam/		Bed		0	0	0		Range				0	0	0		
Road - fou	Road - two lane OOO					Water Lev		l Stru	cture	0	0	0		Row Crops				0	0	0			
Parking Lo	ot/Pavem	nent		0	0	0		Excavation, Dredging					0	0		Fallow Fiel	d (RECENT-	RESTI	NG	0	0	0	
Golf Cours	se			0	0	0		Fill/Spoil Banks					0	0		Fallow Fiel SHRUBS, TRI	d (OLD - GR	ASS,		0	0	0	
Lawn/Park	(			0	0	0	47	Freshly De		Sedin	ent	0	0	0		Nursery			Ny i	0	0	0	
Suburban	Residen	tial		0	0	0		Soil Loss/F	The second second	osure		0	0	0		Dairy				0	0	0	
Urban/Mul	tifamily			0	0	0		Wall/Ripra	р	400		0	0	0		Orchard				0	0	0	
Landfill	ne de la companya de			0	0	0		Inlets, Out				0	0	0		Confined A	nimal Fee	ding		0	0	0	
Dumping				0	0	0		Point Sour	OR STORMV	VATER	)	0	0	0		Rural Resi	dential			0	0	0	
Trash			M	0	0	0		Impervious (SHEETFLOW		input		0	0	0		Gravel Pit		N 34 T		0	0	0	•••
Other:				0	0	0		Other:				0	0	0		Irrigation				0	0	0	
Other:				0	0	0		Other:				0	0	0		Other:			$\Box$	0	0	0	
Indus	strial D	evelo	opm	ent S	Stres	sor	8						Habit	tat/V	egeta	tion Stress	sors						
Fill bubble	if prese	ent - I	Plot	1	2	3	Flag	Fill bubble	if prese	nt - F	Plot	1	2	3	Flag	Fill bubb	le if pres	ent -	Plot	1	2	3	Flag
Oil Drilling				0	0	0		Forest Clea	r Cut			0	0	0		Herbicide U	Jse	+ 222		0	0	0	
Gas Wells				0	0	0		Forest Sele	ctive Cut			0	0	0		Mowing/Sh	rub Cutting	9		0	0	0	
Mine (surfa	ace)			0	0	0		Tree Planta	tion			0	0	0		Trails				0	0	0	
Mine (unde	ding (underground)					Tree Canop	y Herbivo	ory		0	0	0		Soil Compa			HIG	0	0	0			
Military	OOO Shrub Layer Browse (WILD OR DOMESTIC)					d		•	•			Offroad vel	THE PARTY OF THE P	ge		0	0	0					
Other:	Highly Grazed Grass					ses		0	0	0		Soil erosion		ND, WA	TER,	0	0	0					
Other: O O Recer						(OVERALL <3" HIGH) Recently Burned Forest			0	0	0		OR OVERUSE) Other:				0	0	0				
Other: 0 0 0						Canopy Recently Burned Grassland				0	0	0		Other:				0	0	0			
	ag codes:	K= N	e lo me		Stando I		e, U = S	(BLACKENED) uspect measi	urement	F1.F2	2, etc.				igned b		rew.	11.5				-18	100
	uffer Sar	10			/27/2	Exp		lags in comm											2428	168	304	1	