Project Label:	PCAP	_ Plo	ot No:	SAN	Date Sampled 5-26-2012 Lead: Ey
					Comment required if item answer is NO
Parking/Access outsi	de of Park Boundaries	(Y)	N	If yes, write	details in Comments section below
Field journals comple	eted		N		
Site sketch made on			N	2 200-2-	
Check cover page	X-axis Bearing of plot recorded	(2)	N		
	GPS coords. Recorded	 >\	N		
97	North direction recorded	77	N		
	Photographs taken?	12	N ·		
Plot No., Date agreen		2	N		V
leader data complete		(2)	N		
	d in all Intensive modules	Y			**
		1275	N		
Browse Level By Spe		1	N		
Voody stem quality			N		
nvasive plant quality	control check		N	h : 10	
Ash trees mapped			N	NYA	c
Cover by Strata? (cor		-	N		
soil samples collecte	d with matching plot #.		N		
ouchers labeled on	datasheet with initials and number		N		and a second
ouchers labeled on	collection bag	(V) 1	N.		
ink flags removed		CD I	N		
Data sheet QA before	leaving site?	7	N		
Common equipment i	eturned to tub.	Y N	N		
ata sheets scanned?		6/29/1	الـــــــــــــــــــــــــــــــــــــ	Enter date to	o left JTP
inal data sheets scan	ned?			Enter date to	o left
uffer Widths measu	red?	(Y) N	N	JTP	6-22-12
Veb Soil Survey		(Y) N	N	NMZ	6/29/12
oucher Location	Refrigerator	YN			
# vouchers collected)	Press (#)		1	enter numb	er to left
	Drier	Y N			
MEB	Identified	6	N		
080	Mounted	YN			
00	Thrown away	YN			
	Tillown away	1 1			
RTS point verifica	tion: Is plot sampleable?				
√ Yes	Original GRTS point is sampleable				
□ No	Original GRTS point lands in a non-s	ampleable ar	rea (fill	in category	below)
	□ Point falls in a water (i.e. river, la	ke)	4		
	Managed mowed area (i.e. golf c	ourse, picnic are	ea, right-	of-way)	
	□ Paved area (i.e. parkinglot, road) □ Unsafe to sample (i.e. steep slope)		-		
	Other		-		
dditional Commen	is:				
Park alone	River MUSTINDOES	I end	st	reat	or infront of the
(2000)		0.07274		_	

Minimum required fields in Bold and Underlined *Defin	Authority: Pub Date: 1998 Systema	TAXONOMIC STANDARD Random	lichen Plot pla	bryo Photo Nos.:	vascul. n/a Camera No.:	high modera low not smpl Intensiv	TAXONOMIC ACCURACY Depth: (1-5):	a Hurried data	Accurate may still provide good Plot size		Effort Level: subjective evaluation of Coord.	SAMPLING QUALITY* Longitude: C	□ Perm. water □ Paved □ Slope □ Safety Latitude:	PLOT NOT SAMPLED: Other x = 0	Trole Colonida, Asst., Guide, Owner, Fangrippiist for 1. GPS loca	L. Hollows Rield Tech Datum:	K. Lewis - Other (specify)	T. Kistler Field tech Lavis	S. Eysenbuch Coordin	M Breth Plot leader Source o	Party Role** If data no	End date (if > 1 day): / / Reason:	Date (mm/dd/yyyy): 66 /26 /2012	Level 5 (nested corners sampled) Check one:	Level 4 (no nested corners sampled) Data Co	Plot No.: / 220 Landowner		7	Project Name: 6/1/C 20/2 Quadran	Project Label: PCAP State:	GENERAL INFORMATION LOCA	CLEVELAND METROPARKS Plant Community
v. 1.0 and CVS Field Guide	Systematic (grid) - Capture specific feature - Other WML IN Mach 2.3++ the Chapm	[rans	nent: pagets Och Representative comed also unders toy at Matthe	CRES (SUES from GRIX) / PS	5 per assert thouse this there's	Intensive modules: 2,2,8,9 18,3 4 (EDIT IF MODIFIED) - WI COMPAY Shedry in of Sugar Mighty	4 Ven C	X-axis Bearing of plot: 2/29°	Plot size for cover data: (hectares) Michael along tase fine	GPS File Name: 12004 Retrouble - BKTS (Shitted to Sm		281,41535	INTO Chagerin River	y= O (base of plot x=0, y=0) (rempe) with the the the them is the most	Dy Ensemel	■NAD83/WGS84 □NAD27	(specify) mm oft o	■ Lat/Long □ UTM □ StatePlane ■ deg □ deg min	Coord. Units dominants, strata, BROWSE). Additional notes in space on back.	Source of coordinates \square MAP \blacksquare GPS content), Rationale (why here), and Veg Characterization (directions and landscape content), Rationale (why here), and Veg Characterization (description of community.	If data not public why? (0,0) point point with direction permanent posts	Diagram Plot origin	□ Fuzz 100m □ Fuzz 250m □ Fuzz 500m #1 #2 #3	Public data Private Data	Data Confidentiality:	Cleveland Metagrick	Rives Competery Perking tot on 2-10	The season	Charak in Cha	OH County Character By Server Rd		CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet Page 1 of 2

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1741-23		X MFBOS9	10-15-12					2-1725		CZ-1724			٠	pro)										c Voucher#	%unveg. litter (bare litter)	%unveg. ground (bare soil)	%unvegetated open water	%open water	intensive module:	Tatimata for analy		Intensive modules:	Project name: 61 NC2012
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Pilea puncla

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all, Slacous Trailing SUIFFANO CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet 2a Strata - Cov. entire plot Cleveland Metroparks Project Label: Total modules: 1 S H (F)(A) Br 7 2 7 W 5 8 7 3 X ~ 3 W 2 67 2 10 Remornalis sp Raphenis (Siphenistrom Francis Pagnsylvinica Myosotis Gallium GRECTION Rumex objestalius Juglians niara Rosa mutisless Hespans matronalis Oxalica Structu 1 # + 21.10 reported WK 015990 Verbuseum + hapsus Plantage najer BIJENS SP Schongo Mulconare Rhamous HARREST E TAKE Arctur cyphotocolia Canadoxia describe amount of browse per species over Br = Browse Level. Use cover classes to But in the Unit france VI4 CURULING Scorpi pides 1 Species entire plot PCAP o Intensive modules: %unveg. ground (bare soil) %unvegetated open water intensive module: Estimate for each MFB061 %unveg. litter (bare litter) 52.1138711-22 12-1727 MF3058 Project name: 01/4/2012 Voucher# %open water ğ depth Pow 1 comer ہر COV COV 2 2 N N depth depth Plot configuration: mod W 上 W 2 al W comer COV 1 2 C N 2 COV 3 depth depth 1 E PORT 7 N COV COV corner Plot no.: 1220 N | depth 2 depth mod 2 N W N V N 1 アメー comer S 2 COV COV 3 depth depth N mod 50 2 Λ 2 N T corner ri N COV cov depth N W 2 N W depth mod T N N 2 2 Plot area (ha): C.o4 7 Ν COV COV depth mod W depth N W N N Page 2 of 4 corner mod N N V COV cov | depth 4 4 | depth N N COV N COV depth depth mod æ COV COV

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	Project Label:	CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet 2a Project Label: PCAP Project Label:	nent Program Species Cover Data Project name: CINCZON	Sover Data Sheet 2a NC 2⊙17 Plot no.:	D: 1724	Page 3 of 4	
	Total modules:	4	Intensive modules:	configurat	1×4	Plot area (ha): <u>G.º4</u>	
	②		Estimate for each	corner mod corner mod corner	comer mod comer mod	corner mod corner mod corner mod	R
	Cleveland	Br = Browse Level. Use cover classes to describe amount of browse per species over entire plot	ater eter	100	a see	1 appril one capiti	
	Strata - Cov. entire plot		%unveg. ground (bare soil) 1 %unveg. litter (bare litter) 1	-1-1	1 1		
Corn loudy	Т S H (F)(A) Вг	Species	c Voucher# depth	1 cov depth cov depth cov depth	pth cov depth cov depth	cov depth cov depth	COV
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7	Lo	Par trivialis SME 10-15-12	XMFBOCO	2 2-1 2	1 2 1 2		
i binio	2	er.		13 21 21			
	2	19	C2-1730 1	1 1 -0 1	+1 1	-1 1	
	74	الانجاما		2			
	1	C< lastrus on baculatis		1 4 1			
		Cersia bythona					
6	12	Toxicochodoun fadicus		-		~ ~ ~	
		Renunculus scentratis			-		
	2	Panicam sp	CA-139 1741 1		1 3 1	- 7	
		Epilobian Coloration		27	7	7	
		Lysimachia oppositation		٧٠	-		
	2	Entrapa on Consora		22		7	
5	2	Sotaria Sp	XMFROCZ	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	2 1		
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	-	Plantanus overdentali		-12			
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2/ Fl - H202

	CLEVELAND METR Project Label:	ROPARKS Plant Community Assessi	CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet 2a Project Label: PCAP Project name: GINCON Plot no.: 1220	Page <u>4</u> of <u>4</u>
	Total modules:	4	Intensive modules: 4 Plot configuration: 1x	
	€	Br = Browse Level. Use cover classes to	mod comer mod comer mod H J Z Z H Z depth cov depth cov depth cov depth	corner mod corner mod <t< th=""></t<>
	Metroparks Strata - Cov. entire plot	entire plot	%unvegetated open water 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
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		lengodium 20	1.12 <2-1737/1938 +1	
(lin Hagipian		21
Lingy has	5	140		16
	-	Portulaca Oleracea	-	
		PODUS Somtore	1 2	
				N 7
	-	tacto fasturasp.	54t/7xf(22)	2 2
Salobil traye		ž.	X MFBOG3	2
	***	Propelly Unlagers		-
		Plantage lanceolaton		-11
	-	Presigniting SP.		
			C&-174C	1 1 -1 1
		4		31 21
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	-	M SEE 10-5	19-19-	111
	2	Arctium Lappa		2 2
	-	(~ ·	Ca-1747-1749	* * * * * * * * * * * * * * * * * * * *
	-9-2	5		
		1.		- 21
		Control is so		N

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

Natural Resource Management FORM NR/2010-02a

		Project Label: PCAP Project Name: 01 NC 2012 Plot No.:		PCAP	Assessii	Project	Name:	Project Name: 01 NC2012	2012	· Cell Da	Plot No.: 1220	1220		Page	-	g. • •	Cievel:	© Gleveland Metroparks
٦٢	$- _{\mathbb{H}}$	Explain subsample (additional room on back):			# stame	% enh	ŧ	size class	(cm) woo	dv stems >	1 4m							
					# stems 0-1.4m	% sub or super	shrub	size class	(cm) woo	size class (cm) woody stems >1.4m	1.4m	u,	6	7	00	so .	10	=
T T	mod #		o	voucher#	browsed	sample	clumps	P ^1	1-<2.5	2.5-<5	5-<10	10 - <15	15 - <20	20 - <25	25 - <30	30 - <35	35 - <40	>40 (record each tree)
	H	Rosa multiflora			0		2											
2		Acer saccharum				10000												46.5
2		Ligustrum vulgare					•											
-	2	Rosa multiflora				MAN TO SERVICE												
w		boso pythma poson			•		•											
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_		Fraxinus pennsylvanica			:		X <		•									
4		Construe valgare			4 6													
4	_	Rose multitlova			ь													
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1000					Carlos Segue			Testa Testa Testa										
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CLEVELAND METROPARKS Plant Community Assessment Program: Invasive Species Survey



	•					- Stevenson	unicioparks
Tier 1: Early detection	/ Rapid response		Pre	sence		GPS	
		NE	SE	SW	NW		Presence
Microstegium vimineum	Japanese stiltgrass						X: yes
Ranunculus ficaria	Lesser Celandine						
Cynanchum Iouiseae (vine) Black Swallow-wort						
Butomus umbellatus (wetland	d) Flowering Rush						
Heracleum mantegazzianum	Giant Hogweed						
Tier 2: Assess	as Needed		# of	Plants		comments	
		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							4: 101-1,000
Aegopodium podagraria (G-cover		4 9	5			4 3 party parches	5: >1,000
Celastrus orbiculatus (vine		10		2	12		
Torilis sp.	Hedgeparsley	<u> </u>					
Conium maculatum	Poison Hemlock	\Box					
Rhamnus cathartica	Common Buckthorn (shrub)						
Berberis thunbergii	Japanese Barberry (shrub)					-	
Alnus glutinosa	European Alder		T				
Dipsacus laciniatus	Cut-leaf Teasel		\vdash				
Elaeagnus umbellata	Autumn Olive (shrub)						
Lonicera maackii	Amur Honeysuckle (shrub)						
Euonymus fortunei	Wintercreeper	\vdash					
Tier 3: Presence			# of	Plants		comments	
		NE	SE	SW	NW		# of Plants
Convallaria majalis (G-cover	Lily of the Valley						1: 1-10
Coronilla varia (G-cover				1		1 S patch	2: 11-50.
Eleutherococcus pentaphyllus	Five-leaf Aralia (shrub)	\vdash					3: 51-100
) Japanese Pachysandra						4: 101-1,000
Philadelphus coronarius	Mock Orange (shrub)						5: >1,000
) Lungwort						
Rubus phoenicolasius	Wineberry						
Iris pseudacorus (wetland							
Ornithogalum umbellatum	Star of Bethlehem					,	
Viburnum opulus var. opulus	European Cranberry (shrub)						
Viburnum plicatum	Doublefile Viburnum (shrub)				1		
Tier 4: Widespread	l and abundant		Pre	sence	1	comments	
		NE	SE	SW	NW		Presence
Alliaria petiolata	Garlic Mustard	1 4	2	14	15		X: yes
Ligustrum vulgare	Common Privet (shrub)	3'	3	3	13		
L. morrowii, L. tatarica	Bush Honeysuckles (shrub)				11		
Phalaris arundinacea	Reed Canarygrass		1				
Phragmites australis (wetland)							
Polygonum cuspidatum	Japanese Knotweed	5	5		2		
Frangula alnus	Glossy Buckthorn (shrub)	T		1			
Rosa multiflora	Multiflora Rose (shrub)	40	3	4	14		
Typha angustifolia, T. x.glauca	Cattails (wetland)	1	1		Ι .		
Cirsium arvense	Canada thistle	†		11			
Dipsacus fullonum	Common Teasel		T	1			
Hesperis matronalis	Dame's Rocket	2	2	2	4		
Vinca minor (G-cover)		30	_		Ė	1 M patch	
villa filmor (a-cover)		1 ~~				1	0.

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

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

Project Label: PCAP Project Name: 01 N C 2012

Plot No.: 1220

=

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

Page: 1 of 1

STANDING BIOMASS (required for emergent wetlands): collected in 0 Im clip plots (32:32 cm) from corners 1 and 3 in each intensive module. Required for VIBI-E score calculation. C?=check when collected

	71		Wodule #
			C?
П		H	Corner Corner
			Corner
	-		

CLASSIFICATION		
(FIT = excellent, g Fit and Confidence		
Hydrogeomorphic class (WETLANDS ONLY):		
DEPRESSION	<u> </u>	Conf=
□ IMPOUNDMENT □ Beaver □ Human	7	Conf=
n RIVERINE in Headwater in Mainstein in Channel	117	Conf=
□ SLOPE (ground water hydrology or on a physical slop)	Fil	Conf=
□ FRINGING □ Reservoir □ Natural Lake	Fit	Conf=
COASTAL (specify subclass)	Fita 	Conf=
BOG (strongly, moderately, weekly ombrotrophic)	Fit=	Conf=
Ohio EPA VIBI Plant Community Class (WETLANDS ONLY):	NT.Y.	
□ FOREST □ swamp forest □ bog forest □ forest seep	File	Conf=
□ SHRUB □ shrub swamp □ tall sh. bog □ tall sh. fen	구 	Conf=

Landform Index (position within landscape)
Terrain Shape Index (site microtopographic shape)

+315 degrees

WN

€

standing -10 m away

+225 degrees +270 degrees

SW

recorders eye to eye of person

angle from

+135 degrees +180 degrees

At aspect +45 degrees +90 degrees

horizon. TSI is angles formed by local slopes. For TSI measure

LFI is angle of plot to the

SE

NE

MICROTOPOGRAPHIC FEATURE COUNTS - Intensive modules only

Stope 1 = slight elevational grade across module (hill) Ranks for microhabitat features. Select one or select two and average the score.NOTE: If mod falls on a slope automatically gets ranked based on steepness (1-3) 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 il 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

2	S	2	-	med#					
•	ì	1	1	corner					
0	0	0	0	(count)	lxim	depth 3		tussocks	no of
0	0	0	0	(count)	3 16x3 16m	depth 2	uplands (Tip-Ups)	hummocks	no. of
12	_	2	_	(count)	10x10m	depth I		depressions	по. тасго.
N		2	7	(count)	10x10m	depth I		(2-12 cm)	c.w.d
-	-	-		(count)	10x10m	depth 1		(12-40cm)	c,w.d
2	6	0	0	(count)	10x10m	depth 1		>40 cm	c.w.d
2	2	~	2	(rank)	10x10m	depth 1		interspers.	microhab.
0	0			(rank)	10x10m	SLOPE			microhab.

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

					L
P &	у 3	12	2	Nodule	
78	70	11	Ø	Z	
12	78	47	20	w	
74	30	26	22	es	
36	82	25	2	W	

	ء	, co		2		
100	72 75	69	10	12	7	œ
53	65	81	8 4	7	20	21
6	32	7	2 2	27	28	12
55	53	00	27	23	2	2

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

Project label: PCAP Project Name: 01NC2012

Plot No.: 1225 Plot No.: 1220

(Cleveland Metroparks

Page: 1 of 1

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

Soll pit module # 2_ (one per entire plot)

						20 cm							5 cm
	redox features**	texture*	oxid roots	%mottie	mottle color	matrix color	hydr. cond.***	redox features**	texture*	oxid roots	%mottle	mottle color	matrix color
	** Y	હ	Y	0	7/A	2.57 4	1 5	·· Y	()	~	0	Z/A	2.5丫
)	2		2			1/2	(<u>s</u>)	2		2	3		4/2

refer to texture classes on reverse side

hydro. cond. ***

I S M D

well drained

Moderately well dr.
 Very poorly dr.

Impermeable surface Somewhat poorly dr.

41/be/9 ZWN

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

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

castings, middens)

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

Excessively dr. Somewhat excessively	BRAINAGE TO THE TOTAL TO	Parent Material: A IIV VI VW	Depth to rest. Layer: > 8 0 11	Landform type: Flood alguins	Soil Series Source: Ohio Soil Survey	Soil Series/Type: To-Tioga loam	Web Sull Street Barriering	1,2,3,4 2 3,6,5 composited A	Soil Collection Module Horizon (A, B, C)	

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

					_
4	3	2	į	mod#	900
0	O	()	0	l litter+ organic depth (cm)	
0	6	0	0	2 litter depth (cm)	
0	0	O	0	water depth	
730	730	>30	>30	depth sat	1

**** <5 cm in diameter	*** >5 cm in diameter	**Boulder = > 10 in	* Gravei-Cobble = 1/16-10*	Bedrock	Boulder**	Gravel-Cobble*	San d	Histosol	(Sum = 100%)	Underlying Earth Surface*	EARTH SURFACE & GROUND COVER
ieter	ter		1/16-10"	0	0	25	75	C»	percent	Surface*	E & GROUN
Other	Road/Trail	Bare Soil / Sand	Water	Bryophyte- Lichen	Duff (Ferm.+ Humus)	Litter	Fine Woody Debris****	Coarse Woody Debris***	(Each ≤ 100%)	Ground Cover	D COVER
	0	55	2	Ō	0	2	3	٩	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	5.	
Shrub	0.5 - 5	R
Herb	0.5	8
(Floating)*	1	0
(Aquatic)*		0
* rooted and fi	rooted and floating or slightly emersed	sed
** submersed	** submersed, most plant mass below surface	w surface

TRAIL INFORMATION:	
record type and cover for each	ech
Туре	%Cover
□ All Purpose	Ŏ
□ Bridle	0
□ Hiking sanctioned	0
Bootleg unsanctioned	\Diamond
□ Gravel	0
Deer	0

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.

FORM B-1: BUFFER SAMPLE PLOTS (Front) Reviewed by (initial):																						
	Site ID: PCAP NC 1220 DATE: 0 6 26 20 12																					
Site	ID: F	CF	a p	N	C.	1	2.2.0)							DATE	:06	1261	2	0	15	2	
Locati			<u> </u>	Min.				V. Taviji	Fill	in b	ubb	le(s)	if pl	ot(s) cou	ld not be	sampled a	and fl	ag -	→]	_	T
• AA	Center	C	N	0	S	OE	0	W	OP	lot 1	1	OF	Plot	2	OP	lot 3						
									Buffer							boost: No tro			10			
ill in bubble Strata Secti	es for all th on: Fill in a	nat ap approp	ply: Ca priate d	nopy cover o	i ype: class b	npple n = r	e for eacl	s; E = Evergree n strata type for	en. Lear I each plot	ype: E	Absen	t; 1 = S	parse	(<10%	6); 2=Mc	oderate(10-40	е сапору. %); 3 = Heavy (4	0-75%);	4 = V	егу Не	avy (>75%)
Buffer	Canop	у Тур	oe: (() At	sen	t: O	Buffer	Canopy	/ Тур	e: 🕞	() Ab	sent	: 0	Buffer	Canopy Typ	oe: 💿	(1)	Ab	sent	0
Plot 1	Lea	f Typ	e:	(Flag	Plot 2	Leat	f Тур	e: 🕞) ©			Flag	Plot 3	Leaf Typ	oe: 🕦	(4)			Flag
Big Trees (>	0.3m DBH)	0	0		0	0		Big Trees (>0).3m DBH)	0	0	②	0	0		Big Trees	(>0.3m DBH)		0	0	0	elo I
mall Trees (<0.3m DBH	0	0		0	0		Small Trees (<	0.3m DBH)	0	0	0	0	O		Small Trees	(<0.3m DBH)	0	0	0	0	PE
oody Shrubs (0.5m	s, Saplings -5m HIGH)	0	0		0	0		Woody Shrubs (0.5m-	, Saplings 5m HIGH)	0	0	0	0	0			nbs, Saplings im-5m HIGH):	0	0	0	0	mil
oody Shrub: (<0)	s, Saplings .5m HIGH)	0		0	0	0		Woody Shrubs (<0.	, Saplings 5m HIGH)	0	0	0	0	0		(<	bs, Saplings <0.5m HIGH)		0	0	0	
Herbs, F	orbs and Grasses	0	0	(2)	0			Herbs, F	orbs and Grasses	0	0	0	0	0		Herbs,	Forbs and Grasses		0	0	0	v Or
Bare	ground	0		0	0	0		Bare	ground	0	0	0	<u> </u>	0		Bar	e ground 💽		0	0	0	
Lit	ter, duff	0	0		0	0		Litt	er, duff	0	0	0	0	0		L	itter, duff		0	0	0	
	Rock	0		②	0	0			Rock	0	0	0	0	0			Rock ①		0	<u> </u>	0	
	Water		0	0	0	0			Water	0	0	0	0	0		Water 0 0 0 0						
	ubmerged egetation		0	(1)	0	0			bmerged egetation	0	0	0	0	0			Submerged Vegetation	0	0	0	0	
Stress	or Pres	e - (Confi	rm that	a filled data	bubble ir	ndica	tes pr	esend	e and	d an i	unfilled	bubble indi	cates absence	by filli	ng thi	s bub	ble.	•			
Resi	dential	and	Urba	an S	tress	ors		F	lydrolo	gy S	tres	sors					& Ru	ral S	tres	sors		
ill bubble	e if pres	ent -	Plot	1	2	3	Flag	Fill bubble	if prese	nt - I	Plot	1	2	3	Flag	El la mentional de la company			1	2	3	Flag
Road - gra	avel			0	0	0	111	Ditches, Channelization Dike/Dam/Road/RR Bed					0	0		Pasture/Hay			0	0	0	
Road - tw	o lane		u i	0	0	0		Dike/Dam/Road/RR Bed (IMPEDE FLOW)				0	0	0		Range			0	0	0	
Road - foo	ur lane			0	0	0		Water Level Control Structure				0	0	0		Row Crops Fallow Field (RECENT-RESTING				0	0	
Parking L	ot/Paven	nent		0	0	0	70.4	Excavation, Dredging					0	0		ROW CROP FIELD) Fallow Field (OLD - GRASS,				0	0	0
Golf Cour	se			0	0	0		Fill/Spoil Banks Freshly Deposited Sediment				0	0	0		SHRUBS, TREES)			0	0	0	
Lawn/Parl				0	0	0	- 5	(UNVEGETATE	ED)			0	0	0		Nursery			0	0	0	
Suburban		ntial		0	0	0		Soil Loss/R		osure		0	0	0		Dairy			0	0	0	
Urban/Mu	ltifamily			0	0	0		Wall/Riprap				10	0	0		Orchard			0	0	0	
Landfill	V2-1-1			0	0	0		Inlets, Outle		- 10-5		0	0	0		Rural Resi	nimal Feeding	9	0	0	0	
Dumping	7200	-//	- > -	0	0	0		(EFFLUENT OI	RSTORMV			0	0	0	4	Gravel Pit	ueriuai		0	0	0	1-
Trash					0	0		(SHEETFLOW				0	0	0	-	Imigation			0	0	0	
Other:				0	0	0		Other:		_		0	0	0		Other:		2 8	0	0	0	-
Other:	-4-1-1 D	St.		0	0	0		Ouler.	100	1 =		Section.	O	10000	ogoto		200		0	0	0	
	strial D			T												tion Stress		DI. I		. 1		F1
ill bubble		ent -	Plot	1	2	3	Flag	Fill bubble	10 6	nt - I	Plot	1	2	3	Flag		le if present	- Plot	1	2	3	Flag
Oil Drilling		V. 11		0	0	0		Forest Clear				0	0	0		Herbicide L			0	0	0	_
Gas Wells				0	0	0		Forest Selec	tive Cut			0	0	0	_	Mowing/Sh	rub Cutting		0	0	0	
							Tree Plantat		nnv		0	0	0		Trails Soil Compa	action		0	0	0		
Mine (underground) O O Tree Cano							(INSECT)		0,4		0	0	0	_	(ANIMAL OR I		18/2	0	0	0		
							(WILD OR DOM	ESTIC)				0	0			nicle damage n (FROM WIND, V	VATER	0	0	0		
Other: OOO High							Highly Graze	HIGH)			0	0	0		OR OVERUSE		VAIER,	0	0	0		
Other: _				0	0	0		Canopy	Recently Burned Forest Canopy				0	0		Other: O O O						
O O Re								Recently Bu (BLACKENED)	rned Gra	assla	nd	0	0	0		Other:			0	0	0	
● Fi	ag codes	: K =	No me	asure	ement	mad	e, U = S	uspect measu	rement,	F1,F	2, etc.	= mis	c. flag	s 255	igned b	y each field c	rew.	2428	8168	304		
В	uffer Sa	mple	Plots	05	/27/			Se vii econiiii		511										10.71		

•			(le			Ŗ.	FOI	RM B-1:	BUFF	ER	SAI	MPL	ΕP	LOT		- The state of the		viewed by				•
Site	D: P	CA	P	20	<u> </u>	17	220								DATE	:0.b	2,6	12	0.	1.2		
Locati	on:					200			Fill	in b	ubb	le(s	if p	lot(s	s) cou	ıld not be	sampled	and	lag -	→		
OAAC	Center	0	N	0	S	● E	E 0	W	OP	Plot '	1	0	Plot	2	OF	Plot 3						
								s; E = Evergre		уре: Е	3 = Bn	oadlea	f; N = i	Needle	e Leaf. A	Absent: No treo oderate(10-40		(40-75%); 4 = V	ery H	eavy (>75%)
Buffer	Canop	у Тур	e: (() AI	bsen	t: O	Buffer	Canop	у Тур	e: () () Al	sent	: 0	Buffer	Canopy T	ype:	(E)	Ab	sent	: O
Plot 1	Lea	f Typ	e: ((Flag	Plot 2	Lea	f Typ	e: () (Flag	Plot 3	Leaf T	ype:	(1)			Flag
Big Trees (>	0.3m DBH)	0	0		0	0		Big Trees	0.3ml DBH)	•	0	②	0	0		Big Trees	(>0.3m DBH)	<u> </u>	0	•	0	
mall Trees (<	:0.3m DBH)	0	0	②		0		Small Trees (<0.3m DBH)	0	0	0		0		Small Trees	(<0.3m DBH)	<u> </u>	•	0	0	
Woody Shrubs (0.5m-	s, Saplings 5m HIGH)		0	(2)	0	0		Woody Shrub (0.5rr	s, Saplings 1-5m HIGH)	0	0	②		0			ubs, Saplings im-5mtHIGH)	<u> </u>	0		0	
Woody Shrubs		0		②	0	0		Woody Shrub		0	0	•	0	0			bs, Saplings 0.5m HIGH)	<u> </u>	•	0	0	
	orbs and Grasses	0	0	0	0	•			Forbs and Grasses	0	0	0	0	•			Fada and	ত	0	0	•	
Bare	ground	0	•	0	0	0		Bare	ground	•	0	0	0	0		Bar	e ground	0	0	0	0	
Lit	ter, duff	0	0	(1)		0		Li	tter, duff	0	0	0	0	0		L	itter, duff (0	0	0	Ō	
	Rock		0	0	0	0			Rock		0	0	0	$\overline{\odot}$			Rock		0	0	Ŏ	
	Water	3	0	0	0	0			Water		0	0	0	$\overline{\odot}$			Water		0	0	ŏ	
	bmerged	Ħ	0	()	0	0			ubmerged	-	0	0	0	$\overline{\odot}$			Submerged	0	0	<u></u>	0	
Stressor Presence/Absence - Confirm							rm that		egetation bubble in	ndica	_		\subseteq	_	unfilled		Vegetation				$\mathcal{L}_{\mathbf{I}}$	
			201/48	100000					Hydrolo	20 10 10 10	785-6			W.H			Agricultur				1	
Residential and Urban Stres							Flag					1	2	3	Flag		if present		1	2	3	Flag
Fill bubble if present - Plot Road - gravel				0	0	3 O		Ditches, Channelization				0	0	0		Pasture/Ha	ıv		0	0	0	
Road - two				0	0	0	-	Dike/Dam/Road/RR Bed				0	0	0		Range		-	0	0	0	
Road - fou		-		0	0	0		(IMPEDE FLO Water Lev		l Stru	cture		0	0		Row Crops			0	0	0	
Parking Lo	ot/Pavem	nent		0	0	0	- 7	Excavation	ı, Dredgir	ng		0	0	0			Fallow Field (RECENT-RESTING			0	0	
Golf Cours	se			0	0	0		Fill/Spoil B	anks				0	0		Fallow Field (OLD - GRASS, SHRUBS, TREES)			0	0	0	
Lawn/Park		50	14	O	0	0	4	Freshly De	posited Sediment			0	0	0	Ø 1	Nursery			0	0	0	
Suburban	Residen	tial		0	0	0		Soil Loss/F	Parallel St. Communication	osure		0	0	0		Dairy			0	0	0	
Urban/Mul	tifamily			0	0	0		Wall/Ripra	P			0	0	0	7.0	Orchard			0	0	0	
Landfill				0	0	0		Inlets, Out	lets			0	0	0		Confined A	nimal Feedi	ing	0	0	0	
Dumping				0	0	0		Point Sour		VATER	t)	0	0	0		Rural Resid	dential	1191	0	0	0	
Trash				0	0	0	8	Impervious (SHEETFLOW	surface	input		0	0	0		Gravel Pit			0	0	0	A
Other:				0	0	0		Other:				0	0	0		Irrigation			0	0	0	
Other:	iji neseka kilika	Access		0	0	0		Other:			- 1	0	0	0		Other:			0	0	0	
Indu	strial D	evelo	opmo	ent S	Stres	sor	3						labit	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 presen	t - Plot	1	2	3	Flag
Oil Drilling				0	0	0		Forest Clea	r Cut	7hr		0	0	0		Herbicide U	lse		0	0	0	****
Gas Wells				0	0	0		Forest Sele	ctive Cut			0	0	0		Mowing/Sh	rub Cutting		0	0	0	3 22
Mine (surf	ace)			0	0	0		Tree Planta	tion	7		0	0	0		Trails			0	0	0	
Mine (und	erground	i)		0	0	0		Tree Canop	y Herbivo	ory		0	0	0		Soil Compa			0	0	0	
					Shrub Laye		d		0	0			(ANIMAL OR H	icle damag	9	0	0	0				
Military O O O					(WILD OR DON Highly Graz	ed Grass	ses		0	0	0		Soil erosion	(FROM WIND		0	0	0				
Other: O O O						(OVERALL <3" Recently Bu	HIGH) Imed For	est		Name of Street		0		OR OVERUSE) Other:				0	0			
Other: O O O						Canopy Recently Bu	ırned Gra	esslar	nd	0	0											
Other: OOOO						11=0	(BLACKENED) U U U UITER.						0	0	0	100						
	uffer Sar			_				lags in comm							garau D	y Jacii Held C		242	8168	3304		
DI	التال التاريب	ו שוקוי	013	0.0	1-11		MALE IN													1	41	

•	FORM B-1: BUFFER SAMPLE PLOTS (Front) Site ID: PCAPACIZO DATE: 06 1 2 6 1 2 0 1 2 Location: Fill in bubble(s) if plot(s) could not be sampled and flag O AA Center N OS OE OW O Plot 1 O Plot 2 O Plot 3																					
Site I	ID: F	20	4.0	Ha	Ċ١	22	0								DATE	:06	1261	2	0	1.7	2.	
			3			and.	170		Fill	in b	ubb	le(s	if p	lot(s	s) cou	ıld not be	sampled a	and f	lag -	→		
OAAC	Center	0	N	0	S	O	≣ 0	W	100000000000000000000000000000000000000													
								s; E = Evergre		уре: Е	B = Bro	oadlea	f; N = 1	Needle	e Leaf. A	Absent: No tree oderate(10-40	e canopy. %); 3 = Heavy (4	0-75%	, 4 = V	'ery H	eavy (>75%)
Buffer	Canopy	/ Тур	e: 🕞) () AI	bsen	t: 🚳	Buffer	Canopy	у Тур	e: (() Al	osent	: O	Buffer	Canopy Ty	oe: 🕼	(1)	Ab	sent	0
Plot 1	Lea	f Тур	e: (•) (Flag	Plot 2	Lea	f Typ	e: (9 (Flag	Plot 3	Leaf Typ	oe: 🚳	0			Flag
Big Trees (>	·0.3m DBH)	0	0	②	0	0	346	Big Trees (:	>0.3m DBH)	0	0	②	•	0		Big Trees	(>0.3m DBH)	0	2	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	9	0	
Woody Shrubs (0.5m-	s, Saplings -5m HIGH)	•	0	①	0	0		Woody Shrub (0.5n	s, Saplings 1-5m HIGH)		0	0	0	0			ubs, Saplings 5m-5m HIGH)	0	0	0	0	
Woody Shrubs		0	0	0	0	0		Woody Shrub		0		0	0	0		Woody Shru	obs, Saplings <0.5m HIGH)	0	2	0	0	
	orbs and Grasses	0	9	0	0	0			Forbs and Grasses	_	0	0	1	0		Herbs	Forbs and Grasses	0	0	1	0	- 12
Bare	ground	0	0	0	0	0		Bare	ground	0	0	(1)	0	0		Bar	re ground	0	0	0	0	
Litt	ter, duff	0	0	0	0	0		Li	tter, duff	0	0	0	0	0		L	itter, duff	0	0	0	0	
	Rock	0	0	0	①	0			Rock	0	0	0	0	0			Rock 🚳	0	0	0	0	
	Water	0	0	0	0	0	1		Water	0	0	0	0	0			Water @	10	0	0	Ō	H
	bmerged	0		(2)	0	0			ubmerged /egetation	0	0	0	0	0			Submerged Vegetation	0	0	0	0	
Vegetation												by fill	ng thi	s bub	ble.	9						
Residential and Urban Stressors Hydrology Stressors Agricultural & Ru													ıral 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 present - I	Plot	1	2	3	Flag
Road - gra	ivel			0	0	0	Ш	Ditches, C	hanneliza	ation	In B	0	0	0		Pasture/Ha	ay		0	0	0	171
Road - two	lane			0	0	0		Dike/Dam/Road/RR Bed (IMPEDE FLOW)			0	0	0		Range			0	0	0		
Road - fou	ır lane			0	0	0		Water Level Control Structure			0	0	0		Row Crops		Qual	0	0	0	1	
Parking Lo	ot/Pavem	ent		0	0	0		Excavation, Dredging			0	0	0		Fallow Fiel ROW CROP FIEL	d (RECENT-REST D)	ring	0	0	0		
Golf Cours	se		34	0	0	0		Fill/Spoil B		10000		0	0	0		Fallow Field (OLD - GRASS, SHRUBS, TREES)			0	0	0	
Lawn/Park	(0	0	0	7.	Freshly De (UNVEGETAT		Sedin	nent	0	0	0	ų P	Nursery			0	0	0	
Suburban	Residen	tial		0	0	0		Soil Loss/I	Root Expo	osure		0	0	0		Dairy			0	0	0	
Urban/Mul	tifamily		34	0	0	0		Wall/Ripra	р			0	0	0		Orchard			0	0	0	
Landfill				0	0	0		Inlets, Out Point Sour				0	0	0	- /	n-salin-en	nimal Feeding)	0	0	0	
Dumping				0	0	0	11	(EFFLUENT O	OR STORM	WATER	()	0	0	0		Rural Resid	dential		0	0	0	
Trash			-	0	0	0		(SHEETFLOV		при		0	0	0		Gravel Pit			0	0	0	
Other:		_		0	0	0		Other:		_	_	0	0	0		Irrigation			0	0	0	
Other:				0	0	0	and control	Other:	4	-		0	0	0		Other:	11.31	1747	0	0	0	iller.
Indu	strial D	evelo	opmo	ent S	stres	son	5						Habit	tat/V	egeta	tion Stress	sors					150
Fill 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 present	Plot	1	2	3	Flag
Oil Drilling				0	0	0		Forest Clea	r Cut			0	0	0	-	Herbicide L	Jse		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				0	0	0		Trails			0	0	0	
Mine (underground)							Tree Canop (INSECT)				0	0	0		Soil Compa (ANIMAL OR H			0	0	0		
Military O O O							Shrub Laye (WILD OR DO	MESTIC)			0	0	0		THE PROPERTY OF THE PARTY OF	nicle damage		0	0	0		
Other: O O O							Highly Graz (OVERALL <3"	HIGH)			0	0	0		Soil erosion OR OVERUSE) (FROM WIND, W	ATER,	0	0	0		
Other: O O O							Recently But Canopy				0	0	0	20 = 1 = 1	Other:			0	0	0		
Other: O O O						Paccathy Rumod Graceland				0	0	0		Other: O O O								
● Fla	ag codes:	K=N	lo me	asure	ment			uspect meas lags in comm							igned b	y each field c	rew.	242	8168	3304	1	
Bı	uffer Sar	nple f	Plots	05	/27/:		ا الگ انت.	шуз ні сопп	win section	JII OII	nie Di	JUN OF	ans IC	e1111			Cox William Links				1	ave di

•					7.4	03	FOI	RM B-1:	BUFF	ER	SAI	NPL	ΕP	LOT	S (F	ront)	Reviewed b	/ (initial):	(•
Site I	D: Po	CAE	NC	.127	20										DATE	06	12612	0	1	2	
Locatio			9.	LE				1 51	Fill	in b	ubb	le(s)	if p	lot(s	s) cou	ıld not be	sampled and	flag -	\rightarrow		
OAAC	enter	C	N		S	O	0	W	OF	lot '	1	01	Plot	2	O F	Plot 3					1
Fill in bubble Strata Section	s for all th	nat app	ply: Ca priate d	nopy cover o	Type:	D = D	eciduou for eac	s: E = Evergre	Buffer en. Leaf T or each plo	vpe: E	Br	oadlea	f. N =	Needle	e Leaf. A	Absent: No tree oderate(10-40	e canopy. %); 3 = Heavy (40-75%); 4 = \	/ery H	eavy (>75%)
Buffer Plot 1	Canopy	y Typ f Typ		((4	bsen	t: O	Buffer Plot 2	Canop	y Typ		() (·		bsent	:: O	Buffer Plot 3	Canopy Type: (-	sent	: O
Big Trees (>			0	(D)	0	0	гіау	Big Trees (>			0	(a)			riag	Big Trees	(>0.3m DBH)		0	0	riay
imall Trees (<			()	0	0	ŏ		Small Trees (0	0		$\overline{\odot}$		Small Trees		0	9	0	
Noody Shrubs	, Saplings	0	0		0	0		Woody Shrubs	s, Saplings	0	0		0	ŏ		Woody Shru	bs, Saplings	•	0	ŏ	
Noody Shrubs		0		0	0	0		Woody Shrub		0	0	9	0	$\frac{0}{0}$		Woody Shru	bs, Saplings	©	0	Ö	
	5m HIGH) orbs and	0	0	0	0	9			.5m HIGH) orbs and	+=-				_			F 1 1 - 1 -	0	0	-	
	Grasses	-	9	-	-	-		Dono	Grasses	0	0	0	(2)	0		Per	Grasses 0 0	+=+		9	
	ground	0	-	(<u>)</u>	0	0	-		ground	0	0	0	0	$\overline{\odot}$			e ground ()	0	0	9	
Litt	er, duff	0	0		0	0		Lit	ter, duff	0	0	0	9	0		L	itter, duff 0	0	0	9	
	Rock	9	0	0	0	0			Rock	9	0	0	0	<u>0</u>			Rock 💮 🕦	0	0	0	
	Water	(4)	0	①	0	0			0	0	0	<u>O</u>			Water 0 0	0	0	0			
	Submerred Submerred								0	0	0	0			0	0	0				
Stress	or Pres	enc	e/Ab	senc	:e - (Confi	rm that	a filled data	bubble i	ndica	tes pi	resence and an unfille				bubble indi	cates absence by fil	ling th	is bul	ble.	•
Resid	dential	and	Urba	an Si	tres	sors			Hydrolo	gy S	tres	sors				Agricultural & R	ural S	itres	sors		
							Flag	Fill bubble	if prese	ent - I	Plot	1	2	3	Flag	Fill bubble if present - Plot			2	3	Flag
Road - gra	ill bubble if present - Plot 1 2 3 Flag Road - gravel O O O					Ditches, Channelization					0	0		Pasture/Hay			0	0			
Road - two	lane			Ō	0	0		Dike/Dam/Road/RR Bed (IMPEDE FLOW)				0	0	0		Range			0	0	
Road - fou	r lane			0	0	0		Water Leve		l Stru	cture	0	0	0		Row Crops			0	0	
Parking Lo	t/Pavem	ent		0	0	0		Excavation			0	0	0		Fallow Field (RECENT-RESTING ROW CROP FIELD)			0	0		
Golf Cours	e			0	0	0		Fill/Spoil B			0	0	0			d (OLD - GRASS,	0	0	0		
Lawn/Park		ME	123	0	0	0	R	Freshly De	posited Sediment		0	0	0	8 1	Nursery		0	0	0		
Suburban	Residen	tial	IRE)	0	0	0		Soil Loss/F		osure	10	0	0	0		Dairy		0	0	0	
Urban/Mul	tifamily	-10-11-1		0	0	0		Wall/Ripra	p			0	0	0		Orchard		0	0	0	
Landfill	green de reciber			0	0	0		Inlets, Outl	ets	W.		0	0	0		Confined A	nimal Feeding	0	0	0	
Dumping	the last			0	0	0		Point Sour		NATER	1)	0	0	0		Rural Resi	dential	0	0	0	
Trash				0	0	0		Impervious (SHEETFLOW	surface			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	
Indus	strial De	evel	opmo	ent S	Stres		5			W.			labit	tat/V	egeta	tion Stress	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	le if present - Plot	1	2	3	Flag
Oil Drilling		dis		0	0	0		Forest Clea	r Cut			0	0	0		Herbicide U	se	0	0	0	
Gas Wells	1,23119			0	0	0		Forest Sele	ctive Cut	YSA		0	0	0		Mowing/Sh	rub Cutting	0	0	0	
Mine (surfa	ace)			0	0	0		Tree Planta	tion			0	0	0		Trails	WEDLING	0	0	0	1
)						Tree Canop	Mar representation of	ory	T, VII	0	0	0		Soil Compa		0	0	0	
Mine (underground)						(INSECT) Shrub Layer	Browse	d		129	1724	igreen.		(ANIMAL OR H	uman) iicle damage		I TERRES	0			
WILL WILL WILL WILL WILL WILL WILL WILL					(WILD OR DON Highly Graz		ses		0	0	0			(FROM WIND, WATER,	0	0					
Other: OVERALL &					HIGH)			0	0	0		OR OVERUSE		0	0	0					
Other: O O O O				Canopy			nd .	0	0	0	- 1 - 1 - 1	Other:			0	0					
Other: O O O						Recently Burned Grassland OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO					Other:	000									
Flag codes: K = No measurement made, U = Suspect measurement., F1,F2, etc. = mlsc. flags ass Exolain all flags in comment section on the back of this form Buffer Sample Plots 05/27/2011											lgned b	y each field c	242	8168	3304	K					

FORM B-1: BUFFER SAMPLE PLOTS (Front) Rev											Review				- (
Site ID: PCAPNCIZ ZO DATE: 0 6 / 2 6 /													2.	0	1.	2							
Location:							Fill in bubble(s) if plot(s) could not be sampled and f										nd fl	ag -	→				
O AA Center O N O S O E						W																	
Buffer Natural Cover Strata 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 = 10 10 10 10 10 10 10 10														4 = V	ery He	eavy (>75%)						
Buffer Canopy Type:) () At	bsent: O		Buffer	Canopy Type:) () AI	bsent	t: O	Buffer	Canopy Type: 💿				Absen		t: O		
Plot 1 Leaf Type: 🕖			(Flag		Plot 2	Lea	Leaf Type: 🌑					Flag	Plot 3 Leaf Ty			: 0				Flag		
Big Trees (>0.3m DBH)			2		0		Big Trees (>	0.3m DBH)		③	3	0		Big Trees	(>0.3m DBH)	0	0	<u> </u>	<u> </u>				
Small Trees (<0.3m DBH)			(4)	0	0		Small Trees (0		0		Small Trees (<0.3m DBH)		\odot		0	0				
Woody Shrubs, Saplings (0.5m-5m HIGH)		2		0		Woody Shrub (0.5m	s, Saplings -5m HIGH)	0	(0	0	0			ibs, Saplings im-5m HIGH)	0	0		0	0			
Woody Shrubs, Saplings (<0.5m HIGH)		3	0	0		Woody Shrub		0	0	(2)	00			Woody Shrubs, Saplings (<0.5m HIGH)			0	0	0				
Herbs, Forbs and Grasses		0	0	(3)			Forbs and Grasses	0	0	①	<u></u>	O			Forbs and Grasses	0	0	2	(0			
Bare	Bare ground ① 🎒		(1)	0	0		Bare	ground	0	9	(2)	<u>0</u>	0		Bar	e ground	0	(0	0	0		
Lit	Litter, duff 0 1			0	Ō		Lif	tter, duff	0	•	Š	Ō	Ō		L	itter, duff	0	Ö	<u></u>	<u></u>	<u></u>		
	Rock	<u></u>	0	1	0	0			Rock	<u>O</u>	0	<u>3</u>	0	0			Rock		ŏ	0	0	Ö	
	Water	0	Ö	0	0	0			Water	9	0	0	0	$\overline{\odot}$			Water		<u></u>	0	0	<u></u>	
	ubmerged		0	0	0	0	-		ubmerged	9	0	0	<u>(1)</u>	$\frac{1}{0}$			Submerged		ŏ	<u></u>	0	<u></u>	
vegetation C			_		_	rm that		egetation	_				_	unfilled		Vegetation	nce h				$\overline{}$	8	
- 1 - 1 1 1			the me	100		- 24		a filled data bubble indicates presence and an unfilled						Agricultural & Rural Stressors									
Residential and Urba				T .				900 - Ways	Hydrology Stress			1			Flor					1	2	3	Flag
Fill bubble if present - Plot			1	2	3	Flag		if present - Plot		1	2	3	Flag				OL				riay		
Road - gravel			0	0	0			hannelization Road/RR Bed		10	0	0		Pasture/Hay Range			+	9	9	0			
Road - two lane			0	0	0		(IMPEDE FLO	W)	W)		0	0	0		Row Crops				0	0	0		
Road - four lane			0	0	0				el Control Structure		+ -	0	0		Fallow Field (RECENT-RESTING			iG.	0	0	0		
Parking Lot/Pavement			0	0	0		Excavation, Dredging				0	0	0		ROW CROP FIELD) Fallow Field (OLD - GRASS,				0	0	0		
Golf Course			0	0	0		Fill/Spoil Banks Freshly Deposited Sedim			nent	0	0	0		SHRUBS, TREES)				0	0	0		
Lawn/Park			0	0	0		(UNVEGETATED) Soil Loss/Root Exposure			0	0	0		Nursery				0	0	0			
Suburban Residential			0	0	0		Wall/Riprap			0	0	0		Orchard			-	0	0	0			
Urban/Multifamily			0	-	III A. T. C.					-				Confined Animal Feeding				0	0	0	-		
Landfill			0	0	0		Point Source/P				0	0	0		Rural Resi		ung		0	0	0	_	
Dumping			0	-	0		(EFFLUENT OR STORMWATER) Impervious surface input		0	0	0		Gravel Pit				0	0	0	1			
Trash Other:			0		00		(SHEETFLOW) Other:			0	0	0		Irrigation			1	0	0	0			
Other:		0	0	0		Total State of the	Other:			0	0		Other:			-	0	0	0				
					Other: OOOO																		
Industrial Development Stressors												1	T	1					21-4	1	2	3	Flag
Oil Drilling	The last	ent -	Plot	0	2 O	3 O	Flag	Fill bubble		nt - I	-10t	0	0	3 O	Flag	Herbicide L	le if prese	ent - I	PIOL	0	0	0	riay
Gas Wells		0	0	0		Forest Clear Cut Forest Selective Cut		,	-	000			Mowing/Shrub Cutting			1	0	0	0				
										100	0	0		Trails		1	•	0	0	1			
Mine (surface)			0	0	0		Tree Plantation Tree Canopy Herbivory			0	-	+		Soil Compa	action		+	_	-		•		
Mine (underground)			0	0	0		(INSECT) Shrub Layer Browsed		0	0	0		(ANIMAL OR HUMAN)				0	0	0				
Military			0	0	0		(WILD OR DOMESTIC) Highly Grazed Grasses			0		•		Offroad vehicle damage Soil erosion (FROM WIND, WATER,			TER	0	0	0			
Other:			0	0	0	7 to - 17 - 444	(OVERALL <3" HIGH)				0	0	0		OR OVERUSE)				0	0	0		
Other:			0	0	0		Recently Burned Forest Canopy				0	0	0		Other:			10	0	0	0		
Other:			0	0	0	Assessive	(BLACKENED)	umed Grassland		0	0	0		Other:			_	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 2428168304																							
В	uffer Sa	mple	Plots	05	/27/								POZANIĆA P	1					77 - 27 -				