Project Label:	PCAP PCAP	Plot No:	1263 Date Sampled: 7-23,7-24 Lead: Bar
,			Comment required if item answer is NO
Parking/Access out	side of Park Boundaries:	Y (N)	If yes, write details in Comments section below
Field journals comp		(Y) N	ar yes, who deans in commons section below
Site sketch made on		Y) N	
Check cover page	X-axis Bearing of plot recorded	(Y) N	-
one cover page	GPS coords. Recorded	(Y) N	
	North direction recorded	Y) N	
	Photographs taken?	A) N	
Plot No., Date agree		Y) N	
leader data complet		Y) N	
	led in all Intensive modules	Y N	
Browse Level By Sp		Y N	
Woody stem quality		Y N	
invasive plant qualit			7 B
Ash trees mapped	y conducticies	Y N Y N	M/A
Rish trees mapped Cover by Strata? (co	infirm cover tupo)	Y (N)	/ V // 1
	***************************************	Y N	
	ed with matching plot #.		
	datasheet with initials and number		:
ouchers labeled on	collection bag	Y) N	
ink flags removed	1 1 1 0	Y) N	
Data sheet QA befor		Y N	
Common equipment		Y N	
Data sheets scanned		7-25-12	Enter date to left N Z
inal data sheets sca			Enter date to left
Buffer Widths measu	ired?	L (Y) N	KEL 6-29-12
Veb Soil Survey	L	Y N	TK 7-37-12
oucher Location	Refrigerator	Y N	
# vouchers collected)	Press (#)		Enter number to left
	Drier	Y N	
	Identified	Y N	
	Mounted	Y N	
	Thrown away	Y N	
RTS point verifica	ation: \Is plot sampleable?		
Yes	Original GRTS point is sampleable		
□ No	Original GRTS point lands in a non-s	samnleahle area (fi	I in category below)
2 140	Point falls in a water (i.e. river, i.e.		in in category below)
	☐ Managed mowed area (i.e. golf of		-of-way)
-	□ Paved area (i.e. parkinglot, road)		
	Unsafe to sample (i.e. steep slope)	
	□ Other		
Walk alon		prox, 300	n before entering woods to
avoid by	ge grape/rose/rub	ous tang	e

CLEVELAND METROPARKS Plant Co.	CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet	
GENERAL INFORMATION	LOCATION Mechina	Fage OIZ
Project Label: PCAP	County:	
Project Name: 6/1/2017	angle: West Re	
Plot Name: Bill & Zock'S	ري. اري	·
Excellent Adverture	Hiterato woods about 300m	2-10 3 4 3 4
Plot No.: 1253	Landowner: CM	phot: #10 #9 #8 #7 #6
Level 4 (no nested corners sampled)	Data Confidentiality:	2 12 1
■ Level 5 (nested corners sampled)	Check one:	
Date (mm/dd/yyyy): 7/23//2	□ Fuzz 100m □ Fuzz 250m □ Fuzz 500m	8-0-16 #1 #2 #3 #4 #5
End date (if > 1 day): $7/24//2$	Reason:	4 3 4 3
Party Role**	If data not public why?	Key: (0,0) point point with direction permanent posts
Z, Barton Plot leader	Source of coordinates □ MAP ■ GPS	NOTES: Include Layout (any unusual shape details), Location (directions and landscape
K. Lewis Rd. Art.	Coordinate system: Coord. Units	dominants, strata, BROWSE). Additional notes in space on back.
M. Rickey Woodylou's	■ Lat/Long □ UTM □ StatePlane ■ deg □ deg min	
U. Latella Woody Kishs	□ Other (specify)	
L. Hotman Soils	Datum: ■ NAD83/WGS84 □ NAD27	LOCATION: Mot OUS North FRAN SRI
** Roles: Co-leader, Asst., Guide, Owner, Taxonomist, etc.	GPS location in plot $x=0$ to 5, $y=-1,0,+1$):	
PLOT NOT SAMPLED:	$x = \bigcirc y = \bigcirc \text{ (base of plot } x=0, y=0)$	Tectioned. 1917 JOEST
□ Perm. water □ Paved □ Slope □ Safety	Latitude: 4), 2074/	
SAMPLING QUALITY*	Longitude: 81.73128	Vea Ches Compy A
Effort Level: subjective evaluation of	Coord. Accuracy: m w/ft 3 +-	O I FREE NOVA, L'ricdendran triipitala,
Very thorough how much effort put into	GPS File Name: \$253.4	FINNS STOOLS
Accurate may still provide good	Plot size for cover data: O. (hectares)	Short Reer Ollson, Acer sachonimic were
o Hurried data	of plot:	The state of the s
TAXONOMIC ACCURACY	<u>Depth:</u> (1-5): 4	DEMOSIA, KOSA MYITITIOICA
high modera low not smpl	Intensive modules: 2, 3, 8, 9 (EDIT IF MODIFIED)	Herb: Frax, seedlings, potentilla simplex
vascul. X n/a	Camera No.:	Comus racemosa, Carex Spi, Fragaria
bryo	Photo Nos.: 0173	vesca / · · ·
lichen	Plot placement: VGRTS - Representative	
TAXONOMIC STANDARD	□ Random □ Stratified Random □ Transect component	
Authority: G&C Pub Date: 1998	□ Systematic (grid) □ Capture specific feature □ Other	
Minimum required fields in Bold and Underlined	*Definitions and values in CM PCAP FOM v. 1.0 and CVS Field Guide	CVS Field Guide OVER

入	2	2,2,	2	72	2	u	2.7	Z	2	7	2	H	N	9,	7	14	2	R	2	ų	S, 3, 2.	8 7	2	2	T S H (F)(A)	Strata - Cov. entire plot		Cleveland	⊕	Total modules:	CLEVELAND MI Project Label:
Fraxinus Dennsylvanica	Amelonahier Sp.	E-Catagas sp.	Lanicera mora	Circaeal lutetians	MOSS SP		Rubus Deansylvanicus	a ben	50 Chore	R	2-Partheneoussus quinqueteli	3-Taxifodendron codicions	1- Locals Paremosa	Acer albain	Rhmous travoula	Viburaum acectalium	-Seedlin	and the	Prunus Serotina	Querus rubra	10-Lissadendian tulianter	Acer Sacharum)	3+ Fraxinus seed lines	Br Species	lot	entire piot	describe amount of browse per species over	Br = Browse Level. Use cover classes to	0	CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Project Label: PCAP Project name: 0/H;20/2
- (\(\display\)	W.	*2	- 2	22	22	22	<i>n</i>	24	24	22	222	2 2	232	274	32	3 1 4	3 2	3 2	3214	13 14	482	482	んた	422	c Voucher# depth cov depth	%unveg. litter (bare litter) 1	%unvegetated open water C	%open water 1 0	Estimate for each 2 4 2 intensive module: depth cov depth		ment Program Species Cover Data Project name: OIH;2012
			21 32		2222		22	12		12	3 2 2 2 2 2	2)		46428	12 22	2	42 22		32 2 2		384	293949	122	2	depth cov depth	1 10 / 1 9	100	0	COV depth COV depth COV depth COV	iguration: 2x5	Sheet 2a Plot no.: 1253
		232	22		324		222	3 2		21 52	2	32	32	4 3		22223	22	1	14 3213	2	274814	4		424	depth cov depth cov	1.08/	1		depth cov depth	Plot area (ha): O,/	Page 1 of 3

CLEVELAND M Project Label:	CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet 2a Project Label: PCAP Project Label:	nent Program Spec	rogram Species Cover Data SI	neet 2a Plot no.: /2 53		Page of 5	
Total modules:		Intensive modules:		Plot configuration:	Plot area (ha):	(ha):	
③		Estimate for each	mod comer mod comer	mod comer mod comer	corner mod corner	comer mod	R COM
Cleveland	Br = Browse Level. Use cover classes to describe amount of browse per species over	intensive module: %open water	depth cov depth cov	depth cov depth cov	depth cov depth cov depth	cov depth cov depth	COV
Metroparks	entire plot	%unvegetated open water	\Box		1		
Strata - Cov. entire plot	biot	%unveg. litter (bare litter)	3 -				
T S H (F)(A)	Br Species	c Voucher#	depth cov depth cov	depth cov depth cov	depth cov depth cov depth	cov depth cov depth	QQ QQ
2	Amphiecacha bacter					R	W
2.	VOlac					i R	2
X	Coons a Herritalia					I R	N
2	tehum accostichaide	ζ				R	N
2	Calium adoratum					R	N
Ľ,	XiAUS					70	7
N	Onaclea sensibilis					R	N
N	Virginia					1	M
N	the sonor dicot 2	24-0172				R	N
	9						
	-						

boset C

C T L	CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet Project Label: PCAP Project Name: 0 1 1 20 2 Plot No.:_ Explain subsample (additional room on back):	PCAP	Assessi	nent Program I Project Name:	gram I Name:	Vatural I	oth Hi 2012	Stem Da	ta Sheet	1253	0	Page:		of O	Clevelo	Sleweland Metroparks
	Explain control (control control control control	, buony.	# stems	% sub	#	size class	(cm) woo	size class (cm) woody stems >1.4m	1.4m							
			0-1.4m	<u> </u>	shrub	-	ν,	ω		ъ	6	7	œ	9	ö	1
	Acer ribbrum	4 deciron	0.000	our loc	dailba	9	17.2	\$ C.U.S.	9	2	10-720	20 = 22	730	00-700	00-740	To (record each nee
-								•		•						
	Dan Sacharina						7			•						
										Ì						
	Fagus grandifolia		• •													
_	Vitis sp.				,		•	•						9.1		
	Liriodendran tulipitara						4900									
-	Standing dead						• •		•					• **		
	Froxinus pennsylvanica									AL TW	0	200				
_	Lonicera morowii				•											
_	multiflara Rosa &				0											
_	Toxicodendron radicans		• •													
	cornus specimosa		90													
	Fraxinus sp.															
-			8											98		
_	Berbens trumbergii			•	,											
D	Res Sachasum						:3		* 0	*	•			Hot		
2	Livicelandon this to									•			•	9		ASH
دع	Res russim								00							
نع	Standing Dord															
بو	Questus moun									•						
نو	Or Targus Sp						0 4			*						
٩	Fraxinus ensimina							•								
دو	Fraxinus sp								,							
9	Cennes among		2													



WW Explain subsample (additional room on back): Hirisbakon teliphon Standing Dead winderston Tulipters formicas mer recui HERING WENDER Rosa multistica 4ces sice para ACES CIPLAN Figus Stabus tross sensor Liquestrum vulguse ps multithea exmus afternit her rubsum Standing Done SS SHUIKEL ter samun Project Label: ___ PCAP voucher# ... *: N # stems browsed 0-1.4m دو X と sample or super % sub Project Name: 01 41-2012 9. clumps shrub # 40 size class (cm) woody stems >1.4m . . 0-<1 L 6 💲 . H 1-<2.5 9 6 9.0 2.5-<5 Ħ Plot No .: /253 5-<10 10 - <15 15 - <20 6 20 - <25 Page: 00 25 - <30 . 30 - <35 (4) Cleveland Metroparts 35 - <40 6 >40 (record each tree) $\vec{=}$

CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet

Thrisdendon thipten Thinders benzerin Thinders benzerin Rhos nus recemen Rhos sheetes an Rhos sheetes an Rhos sechesum Rhos sechesum Rhos sechesum Rhos sechesum Rhos sechesum Rhos sechesum Rhos mus recemen	bears	mod# species 7 Faxinus su	Project Label: PCAP Project Name: 21 H 2012 Plot No.:
The state of the s		0	Project Label:dditional room on t
		voucher#	PCAP
		# stems 0-1.4m browsed	
		% sub or super sample	Project
		# shrub clumps	Project Name:
		size class (cm) woody stems >1.4m 1 2 3 4 0-<1 1-<2.5 2.5-<5 5-<	CH
	9	(cm) wood 2 1-<2.5	Clos: H
	•	ly stems > 3 2.5-<5	D
	•	1.4m 4 5-<10	Plot No.:
		5 10 - <15	1353
		6 15 - <20	
		7 20 - <25	Page:
		8	*
		9 30 - <35	of 1.48
		10 35 - <40	Clevela
2 2 2 2		>40 (record each tre	© Cleveland Metropairs

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												1001 1120 1330 1330						No.
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											la		•		120	Cornus exemps	63	0
													•			Faxinus sp	Ta	K
											\$ 0		4		\$	losa multiflora	7	10
											C		•		ŋÿ	enices memberii	Somile	6
							*								Ž	angus rubia	000	~
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								X	•							13 A	Z	1
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					4		•	*	•	STATE					MI	sahes	her	1
		12.0											٠	dvanius	200	ubus st	<i>\</i>	9
11 >40 (record each tree	10 35 - <40	9 30 - <35	8 25 - <30	7 20 - <25	6 15 - <20	5 10-<15	1.4m 4 5-<10	dy stems > 3 2.5-<5	size class (cm) woody stems >1.4m 1	size class	# shrub	% sub or super sample	# stems 0-1.4m browsed	voucher#	SAT DE	species	#	mod #
														ck)	oom on ba	Explain subsample (additional room on back)	Explain sub	
	4	학 역	4	Page:	W	Plot No.: 1253	Plot No.:	<i>\</i>	80	Project Name: 01 # 2012	ct Name:	Proje		PCAP	abel:	Project Label:		
© Cieweland Metrocarts	(S) Ciewel					ť	ta Shee	Stem Da	Woody S	Vatural I	ogram l	nent Pr	Assessi	ommunity	Plant C	CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet	EVELAND	CLI

CLEVELAND METROPARKS Plant Community Assessment Program: Invasive Species Survey



								-1-	
Tier 1: Early	detection/	Rapid response		1	Pre	ence	W. Salah	GPS	
			信於見	NE	SE	SW	NW		Presence
Microstegium vimineum		Japanese stiltgrass							X: yes
Ranunculus ficaria		Lesser Celandine							
Cynanchum louiseae	(vine)	Black Swallow-wort]
Butomus umbellatus	(wetland)	Flowering Rush]
Heracleum mantegazzianun		Giant Hogweed							
	2: Assess as	s Needed		William I	# of	Plants		comments	
				NE	SE	SW	NW		# of Plant
Acer platanoides		Norway Maple							1: 1-10
Ailanthus altissima		Tree of Heaven						2	2: 11-50.
Lonicera japonica	(vine)	Japanese Honeysuckle							3: 51-100
Lythrum salicaria		Purple Loosestrife							4: 101-1,0
Aegopodium podagraria	(G-cover)	Bishop's Goutweed							5: >1,00
Celastrus orbiculatus	(vine)	Asian Bittersweet	·					4,	1
Torilis sp.	(******	Hedgeparsley		 	+				1
Conium maculatum		Poison Hemlock					\vdash	E 1	1
Rhamnus cathartica		Common Buckthorn	(shrub)		1				1
Berberis thunbergii		Japanese Barberry	(shrub)	1	1	† –		·····	1
Alnus glutinosa		European Alder	(5111 015)	<u> </u>	+-		 		1
Dipsacus laciniatus		Cut-leaf Teasel			+	<u> </u>			1
Elaeagnus umbellata		Autumn Olive	(shrub)						
Lonicera maackii	= = = ====	Amur Honeysuckle	(shrub)		+				
Euonymus fortunei		Wintercreeper	(Siliub)		+	 			1
	Dracanca ir	of Interest	110000		# of	Plants	45.50	comments	
петел	riesence is	of Interest		NE	SE	sw	NW	pomimento	# of Plant
Convallaria majalis	(G-cover)	Lily of the Valley	plot sour	ING	JL	211	Eliberadii I		1: 1-10
Coronilla varia	(G-cover)			-		1			2: 11-50.
Eleutherococcus pentaphyll		Five-leaf Aralia	(shrub)	-	+				3: 51-10
Pachysandra terminalis		Japanese Pachysandra		_	+				4: 101-1,0
Philadelphus coronarius	(O-cover)	Mock Orange	(shrub)	-	+	-		1.0	5: >1,00
Pulmonaria officinalis	(G-cover)	Lungwort	(SITIUD)	-	+	_			3. 72,00
Rubus phoenicolasius	(G-cover)	Wineberry			+	_	\vdash		1
	(wetland)	Yellow Flag Iris		-	+	+-	\vdash		1
Iris pseudacorus	(wettand)	Star of Bethlehem		-	+	+	1 -		1
Ornithogalum umbellatum	16	European Cranberry	(chruh)	+	+-	+	+		1
Viburnum opulus var. opulu	12			-	+	+-	+ -		
Viburnum plicatum	document	Doublefile Viburnum and abundant	(shrub)	British Co.	Dro	sence	CONTRACTOR	comments	1
ner4: W	ineshiead s	and andinant		NE	SE	SW	NW	Commence	Presence
Alliania matialata	DELETON INC	Carlie Mustand	The Island	INC	J.C.	344	14 VV		X: yes
Alliaria petiolata		Garlic Mustard	(chrh)	1	i i	-		505 10-20 11	IV. Acs
Ligustrum vulgare		Common Privet	(shrub)	1	-	12	7	SRE 10-22-12	
L. morrowii, L. tatarica		Bush Honeysuckles	(shrub)	+-			-		
Phalaris arundinacea		Reed Canarygrass		-	+-	-	\vdash		1
	(wetland)	Phragmites		-	+	-	\vdash		-
Polygonum cuspidatum		Japanese Knotweed		 	-	₩	-		
Frangula alnus		Glossy Buckthorn	(shrub)	1	11		1/_		-
Rosa multiflora		Multiflora Rose	(shrub)	2	3	12	2		-
Typha angustifolia, T. x.glau	ıca	Cattails (wetland)		 	-	├ -	↓		-
Cirsium arvense		Canada thistle		ļ	-	<u> </u>	1		-
Dipsacus fullonum		Common Teasel		<u> </u>	-	-			-
Hesperis matronalis		Dame's Rocket		<u> </u>	1	<u> </u>			-
Vinca minor	(G-cover)	Periwinkle					,		

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 - Solls, Crown Cover, Standing Biomass Data Sheet 6a

Project label: PCAP Project Name: 01 14 2012 Plot No.: 1253

@ Gleveland Metroparks

Page: 1 of 1

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

Soil pit module # (one per entire plot)

20 cm 5 cm matrix color matrix color 10YR 4/3 texture* hydro cond *** texture* redox features** ydr cond *** 6mottle oxid roots oxid roots edox features** ottle color ottle color mottle 10 YR 3/3 ZX 0 Z **→** I S M ıs м(D < 0 **E** 2 2 2

refer to texture classes on reverse side

*** Circle one: ** e.g. hydrogen sulfide odor, gleying, etc.

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	BEADCAGE	Parent Material: Till	Depth to rest. Layer: 780 Inches	Landform type: Till Plans	Soil Series Source: Ohio Soil Survey	Soil Series Type: ElCZ, Ellsworth SI + loar	West had Supray information	2,3,8,9 composited A	Soil Collection Moduld Borizon (A, B, C)
	DE S					1			
						00			
						3			

□ Impermeable surface □ Somewhat poorly dr. ¶ Very poorly dr. ト 7-27-12

□ Well drained

Moderately well dr.

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

		(X)		
9	8	25	2	mod#
2.0	2.3	2.5	2.0	l litter+ organic depth (cm)
2.0	2.3	2.5	220	2 litter depth (cm)
0	0	0	0	water depth (cm)
>30	>30	>30	>30	depth sat soil (cm)

EARTH SURFACE & GROUND COVER	CE & GROU	VD COVER	
Underlying Earth Surface*	i Surface*	Ground Cover	
(Sum = 100%)	percent	(Each ≤ 100%)	percent
Histosol	0	Coarse Woody Debris***	S
Mineral Soil	95	Fine Woody Debris****	2
Gravel-Cobble*	C	Litter	P
Boulder**	Э	Duff (Ferm.+ Humus)	Q.
Bedrock	0	Bryophyte- Lichen	į.
* Gravel-Cobble = 1/16-10*	= 1/16-10"	Water	O
••Boulder = > 10 in	'n	Bare Soil	W
*** >5 cm in diameter	neter	Road/Trail	0
*** << cm in diameter	meter	Other	ر ک

								7.44
** submersed,	• rooted and fic	(Aquatic)*	(Floating)*	Herb	Shrub	Tree	Strata	COVER BY STRATA estimate using midpoi
** submersed, most plant mass below surface	* rooted and floating or slightly emersed	1	-	X .0,5	0.6.5	6 X	Height Range (m)	COVER BY STRATA estimate using midpoints of 5,ex:3, 8, 13
w surface	sed	(1	18	63	93	Total Cover (%)	%,ex:3, 8, 13

I cat on	n Deer	🛘 Gravel	Bootleg unsanctioned	□ Hiking sanctioned	n Bridle	a All Purpose	Туре	record type and cover for each	TRAIL INFORMATION:	
							%Cover	ach		

	>
•	0
1	to
-	8

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

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 H202

Plot No.: 1253

(Constant Metroparton Page: 1 of 1

STANDING BIOMASS (required for emergent wetlands): collected in 0. Im clip plots (32x32 cm) from comers 1 and 3 in each intensive module. Required for VIBI-E score calculation. C?=check when Module # collected S Comer Corner

CLASSIFICATION		
(FIT = excellent g Fit and Confidence		
Hydrogeomorphic class (WETLANDS ONLY):		
DEPRESSION	File	Conf=
□ IMPOUNDMENT □ Beaver □ Human	1	Conf=
□ RIVERINE □ Headwater □ Mainstem □ Channel	Ti	Conf=
□ SLOPE (ground water hydrology or on a physical stop)	1	Conf=
□ FRINGING □ Reservoir □ Natural Lake	Fil	Conf=
COASTAL (specify subclass)	FII=	Conf=
□ BOG (strongly, moderately, weekly ombrotrophic)	Fit=	Conf=
Ohio EPA VIBI Plant Community Class (WETLANDS ONLY):	Ë	
□ FOREST □ swamp forest □ bog forest □ forest seep	FILE	Conf=
□ EMERGEN □ marsh □ wet mendow □ open bog		Conf=
□ SHRUB □ shrub swamp □ tall sh. bog □ tall sh. fen	FII=	Conf=

MICROTOPOGRAPHIC FEATURE COUNTS - intensive modules only

Slope 1 = slight elevational grade across module (hill) Ranks for microhabitat features. Select one or select two and average the scove.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 safety 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

_		Г		1		F	T					
		છ	œ	vi	Z	#botti						
		1	1	1	(corner					i de	
		0	0	0	C	(count)	lxlm	depth 3		lussocks	no of	
		0	0	0	0	(count)	3,16x3,16m	depth 2	uplands (Tip-Ups)	hummocks	no of	
		0	0	_	0	(count)	10x10m	depth 1		depressions	no. macro.	
		22/2	30	26	28	(count)	10x10m	depth 1		(2-12 cm)	c,w,d	c.w.d count
		_	0	0	0	(count)	10x10m	depth 1		(12-40cm)	c.w,d	for pieces with
		0	0	0	0	(count)	10x10m	depth I		>40 cm	c.w.d	c.w.d count for pieces with minimum 1m length
		W	2	42	2	(rank)	10x10m	depth 1		interspers.	microhab.	
			1		-	(rank)	10x10m	SLOPE			microhab.	

McNAB INDICES (degrees) + for up - for down [FILLED OUT USING GIS PROGRAM - DO NOT FILL OUT IN FIELD] +135 degrees +270 degrees +180 degrees +315 degrees +225 degrees +90 degrees +45 degrees

Al aspect

z

Æ

Terrain Shape Index (site microtopographic shape)

Landform Index (position within landscape)

₩N

away eye of person standing ~10 m recorders eye to angle from

WS ٤

SE

angles formed by local slopes. For TSI measure

LFI is angle of plot to the horizon. TSI is

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

9	8	w	2	Module	
ΛŽ	တ	ß	0	z	
4	H	7	M	S	
W	છ	6	Ŋ	e e	
7	7	11	11	W	

NOTE; tussock and hummocks are counted in BOTH nested quadrat corners but counts are aggregated.

•			(Alex			13		RM B-1:	BUFF	ER	SAI	/IPL	E Pl	OT	S (F		Reviewed by			_ (•
Site I	D: P	CA	PF	1:1	23	53									DATE	. 1	12412	0	6	2	
Location	1110								Fill	in b	ubb	le(s)	if p	lot(s	s) cou	ıld not be	sampled and	flag -	→		
O AA	Center	0	N	0	S	O	0	W		lot '		200	Plot			lot 3					
Fill in bubble Strata Section	es for all the	at app	oly: Ca oriate d	nopy	Type: class t	D = D	eciduou for eac	s; E = Evergre n strata type f	Buffer een. Leaf T or each plo	vpe: E	B = Bro	adlea	N = N	Veedle	Leaf. A	bsent: No tree	e canopy. %); 3 = Heavy (40-75%); 4 = \	ery H	eavy (>75%)
Buffer	Canopy	Тур	e: 6) (E) AI	bsen	t: O	Buffer	Canopy	у Тур	e: () (E) Ab	sent	: ()	Buffer	Canopy Type:	(1)	Ab	sent	0
Plot 1	Leaf	Тур	e: 🐠	(Flag	Plot 2	Lea	f Typ	e: (i) ©			Flag	Plot 3	Leaf Type:	0	<u> </u>		Flag
Big Trees (>	0.3m DBH)	0	0	2	0	0		Big Trees (>0.3m DBH)	0	0	②	0	0		Big Trees	(>0.3m DBH)	0	0	0	
mall Trees (<	:0.3m DBH)	0	0	(1)	0	0		Small Trees (<0.3m DBH)	0	0	0	0	0		Small Trees	(<0.3m DBH)	0	0	0	
Voody Shrubs (0.5m-	, Saplings 5m HIGH)	0	0	②	9	0		Woody Shrub (0.5n	s, Saplings n-5m HIGH)	0	0	0	0	0			bs, Saplings m-5m HIGH)	0	①	0	
Woody Shrubs	Saplings 5m HIGH)	0	②	②	0	0		Woody Shrub	s, Saplings 0.5m HIGH)	0	0	2	0	0		Woody Shru (<	bs, Saplings 0.5m HIGH)	0	0	0	
	orbs and Grasses	0	6	2	①	0		Herbs,	Forbs and Grasses	0	0	2	0	0		Herbs,	Forbs and Grasses	0	0	0	
Bare	ground	0	6	2	0	0		Bare	ground	0	0	2	0	0		Bar	e ground ① ①	0	0	0	
Litt	ter, duff	0	0	②	0	@		Li	tter, duff	0	0	2	0	0		L	itter, duff 💿 🛈	0	0	0	
	Rock	0	@	2	0	0			Rock	0	0	0	0	0			Rock ① ①	0	0	0	
	Water	0	0	2	0	0			Water	0	0	0	0	0			Water ① ①	0	0	0	
	bmerged egetation	(0	2	0	0			ubmerged /egetation	0	0	2	0	0			Submerged O	0	3	0	
		enc	e/Ab	send	e - (Confi	rm that			ndica	tes p	resen	ce and	d an i	unfilled		ates absence by fil	ling th	is but	ble.	•
Resi	dential	and	Urba	an S	tres	sors			Hydrolo	gy S	tres	sors					Agricultural & R	ural S	tres	sors	
Fill bubble	if prese	nt - I	Plot	1	2	3	Flag	Fill bubbl	e if prese	ent - l	Plot	1	2	3	Flag	Fill bubble	if present - Plot	1	2	3	Flag
Road - gravel O O O							Ditches, C	hanneliza	ation		0	0	0		Pasture/Ha	у	0	0	0		
Road - two lane OOO						Dike/Dam.		8 Bed	Age 1	0	0	0		Range		0	0	0			
Road - for	ır lane			0	0	0		Water Lev	Carron Carron	l Stru	cture	0	0	0		Row Crops	Market Alexander	0	0	0	
Parking Lo	ot/Pavem	ent		0	0	0		Excavation, Dredging				0	0	0		ROW CROP FIEL		0	0	0	
Golf Cour	se			0	0	0		Fill/Spoil Banks				0	0	0		Fallow Fiel SHRUBS, TRE	d (OLD - GRASS, ES)	0	0	0	
Lawn/Parl	(N.A		0	0	0		Freshly De (UNVEGETA		Sedin	nent	0	0	0		Nursery			0	0	
Suburban	Resident	ial		0	0	0		Soil Loss/	Root Expo	osure		0	0	0		Dairy			0	0	
Urban/Mul	Itifamily			0	0	0		Wall/Ripra	ip			0	0	0		Orchard			0	0	
Landfill		1,00		0	0	0		Inlets, Out				0	0	0		Confined Animal Feeding			0	0	
Dumping				0	0	0		Point Sou (EFFLUENT) Imperviou	OR STORM	WATER	(5)	0	0	0		Rural Residential			0	0	
Trash				0	0	0		(SHEETFLOV		IIIpui		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:	in disco	4-17		0	0	0		Other:	•	0	0	0	
Indu	strial De	evel	opm	ent S	Stres	sor	S			Miles			labit	at/V	egeta	tion Stress	sors				
Fill bubble	if prese	nt - 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	ar Cut			0	0	0		Herbicide L	lse	0	0	0	
Gas Wells				0	0	0		Forest Sele	ective Cut			0	0	0	·	Mowing/Sh	rub Cutting	0	0	0	
Mine (surf	ace)		100	0	0	0		Tree Planta	ation			0	0	0		Trails		0	0	0	
Mine (und	erground)	272-5.50	0	0	0		Tree Cano	y Herbiv	огу		0	0	0		Soil Compa (ANIMAL OR H		0	0	0	
Military		8		0	0	0		Shrub Laye		d	HS.	0	0	0		(ANIMAL OR HUMAN) Offroad vehicle damage			0	0	
Other:			13	0	0	0		Highly Gra:	zed Grass	ses		0	0	0			(FROM WIND, WATER	0	0	0	
Other:				0	0	0		Recently B		rest	1724	0	0	0		OR OVERUSE) Other:			0	0	
Other:		35 E		0	0	0		Recently B		assla	nd	0	0	0		Other:	0	0	0		
	ag codes:	K = 1	No me	-		mad	e, U = S	uspect meas	urement.,	F1,F	2, etc.	tc. = misc. flags assigned				y each field c	rew.	2816			
Flag codes: K = No measurement made, U Explain a Buffer Sample Plots 05/27/2011						lain all	Suspect measurement., F1,F2, etc. I flags in comment section on the ba					this fo	orm			111211111111111111111111111111111111111		J J () 4			

•					211	W.	FOI	RM B-1:	BUFF	ER	SAI	MPL	E P	LOT	TOU			Reviewed):	_ (•
Site I	D:	PCI	ap,	Hi	125	53									DATE		126			1,0		
Location	on:								Fill	in b	ubb	THE STATE OF			100	ıld not be	sample	ed and	flag	→		
OAAC	Center	6	N	0	S	01	= 0	W		Plot			Plot			Plot 3						
Fill in bubble Strata Section	es for all th on: Fill in a	at app	oly: Ca priate d	nopy cover	Type: class t	D = D	e for eac	s: E = Evergre	Buffer en. Leaf T or each plo	voe: E	B = Br	oadlea	f; N = 1	Needle	e Leaf.	Absent: No tree oderate(10-40°	e canopy. %); 3 = Hea	vy (40-75	5%); 4 = 1	/ery H	eavy (>75%)
Buffer	Canopy	у Тур	e: 🍓	() AI	bsen	t: O	Buffer	Canop	у Тур	e: 🌘) At	sent	: 0	Buffer	Canopy	Type:	() Ab	sent	0
Plot 1	Lea	f Typ	e: 🌘	(Flag	Plot 2	Lea	f Typ	e: 偱	(Flag	Plot 3	Leaf	Type:				Flag
Big Trees (>	0.3m DBH)	0	0	2	②	0		Big Trees (>	-0.3m DBH)	0	0	2	0	•		Big Trees	(>0.3m DBH)	0	0 0	®	0	
Small Trees (<	0.3m DBH)	0	0		0	0	-	Small Trees (<0.3m DBH	0	0		0	0		Small Trees	(<0.3m DBH)	0	0 0	0	0	
Woody Shrubs (0.5m-	, Saplings 5m HIGH)	0	0	2	(0		Woody Shrub (0.5rr	s, Saplings -5m HIGH)		((2)	0	0			ubs, Saplings im-5m HIGH)	0	0	0	0	
Woody Shrubs (<0.	, Saplings 5m HIGH)	0	@	2	0	0		Woody Shrub (<0	s, Saplings 5.5m HIGH)	0	@	2	0	0			bs, Saplings <0.5m HIGH)	0 (0	3	0	
Herbs, F	orbs and Grasses	0	(2)	2	0	0		Herbs, I	orbs and Grasses		®	(2)	0	0		Herbs,	Forbs and Grasses	0 (0	①	0	
	ground	0	0	2	0	0		Bare	ground	0	0	0	0	0		Bar	e ground	0 0		0	0	
Litt	ter, duff	0	0	2	0	②		Li	ter, duff	0	0	<u>0</u>	0	9		L	itter, duff	0		②	0	-
	Rock	0	@	0	0	0			Rock	0	0	<u>3</u>	0	$\overline{\odot}$			Rock	0	-	<u>(1)</u>	Ō	
	Water	9	0	0	0	Ō			Water	<u></u>	0	<u>0</u>	0	$\overset{\smile}{\odot}$			Water		0 0	0	ŏ	
	bmerged		0	(2)	0	0			ubmerged	-	0	<u>0</u>	0	$\overline{\odot}$			Submerged	0	$\stackrel{\leftarrow}{\sim}$	0	ŏ	,
	egetation or Pres		_	$\stackrel{\smile}{}$		1_	rm that		egetation bubble i	ndica				_	l unfilled	bubble indic	Vegetation cates abse					8
	dential					0.0			Hydrolo								Agricultu			101 111		
Fill bubble				1	2	3	Flag	Fill bubble				1	2	3	Flag				1	2	3	Flag
Road - gravel O O O						9	Ditches, C				0	0	0		Pasture/Ha	ıv		0	0	0		
Road - gravel						Dike/Dam/	Road/RF			0	0	0		Range			0	0	0	-		
Road - fou		1		0	0	0		(IMPEDE FLO		l Stru	cture	100	0	0		Row Crops			0	0	0	
Parking Lo		ent		0	0	0		Excavation	ı, Dredgir	ng		0	0	0		Fallow Fiel		RESTING	0	0	0	
Golf Cours				0	0	0		Excavation, Dredging Fill/Spoil Banks				0	0	0		Fallow Fiel	d (OLD - GR	ASS,	0	0	0	
Lawn/Park		10		0	0	0		Freshly De		Sedin	ent	0	0	O	1 . 9	SHRUBS, TREES) Nursery			0	0	0	
Suburban	Residen	tial	100	O	0	0		Soil Loss/F	1.00	osure		0	0	0		Dairy			0	0	0	
Urban/Mul	tifamily			0	0	0		Wall/Ripra	р			0	0	0		Orchard			0	0	0	
Landfill				0	0	0		Inlets, Out	lets		i i	0	0	0		Confined Animal Feeding			0	0	0	
Dumping			1,28	0	0	0		Point Sour		WATER	(3)	0	0	0		Rural Residential			0	0	0	
Trash				0	0	0		Impervious (SHEETFLOW	surface			0	0	0		Gravel Pit			0	0	0	
Other:	104,000			0	0	0		Other:		A DESCRIPTION OF THE PERSON OF	8,48, (TACT)	0	0	0		Irrigation			0	0	0	
Other:				0	0	0		Other:		3.11.527		0	0	0		Other:			0	0	0	
Indus	strial De	evel	opm	ent S	Stres	sor	5						labit	tat/V	egeta	tion Stress	sors					
Fill bubble	if prese	ent - I	Plot	1	2	3	Flag	Fill bubble	if prese	nt - I	Plot	1	2	3	Flag	Fill bubb	le if prese	ent - Pic	ot 1	2	3	Flag
Oil Drilling				0	0	0		Forest Clea	r Cut			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	
Mine (surfa	ace)		1	0	0	0		Tree Planta	tion			0	0	0		Trails			0	0	0	
Mine (unde	erground	1)		0	0	0		Tree Canop	y Herbiv	огу		0	0	0		Soil Compa (ANIMAL OR H			0	0	0	
Military				0	0	0		Shrub Laye		d	ranchi i	•	0	0		Offroad veh		ge	0	0	0	,
Other:			100	0	0	0		(WILD OR DON Highly Graz	ed Grass	ses		0	0	0		Soil erosion	(FROM WIN			0	0	
_		8		0				(OVERALL <3° Recently Bu		rest		0	0	0		OR OVERUSE) Other:			0	0	0	
Other: O O O O Other: O O O							rned Gra	asslaı	nd	0	10000			Other:				0	0			
	ag codes:	K = 1					e, U=S	(DD DICE CD)													TM	
Flag codes: K = No measurement made, U = Explain at Buffer Sample Plots 05/27/2011							Suspect measurement., F1,F2, etc. flags in comment section on the ba								Part of the second		24	2816	5504			

•	FORM Site ID: P(APH: 1753								M B-1: BUFFER SAMPLE PLOTS (Front) DATE: 7/24/20/2									_ (•				
Site I	D:	PC	AF	DH	1:1	2:	53	-							DATE	:7	124	/_/	2	0.		2	bile
Locatio	on:	18	7					mik Breite	Fill	in b	ubb	le(s)) if p	lot(s	s) cou	ıld not be	sample	ed ar	nd fl	ag -	→		
OAAC	enter	C	N	0	S	9 E	0	W	OP	lot 1	1	01	Plot	2	OF	lot 3							
Fill in bubble Strata Section	s for all th	nat app	oly: Ca	nopy cover o	Type:	D = C	eciduou for eac	s: E = Everore	Buffer en. Leaf T or each plo	voe: B	s = Bn	adlea	f: N = I	Needle	e Leaf. A	Absent; No tree	e canopy. %); 3 = Hea	ıvy (40-	-75%)	4 = V	ery He	eavy (>75%)
Buffer	Canopy					bsen	_	Buffer	Canopy		_		-	sent		Buffer	Canopy			(E)	T	sent	_
Plot 1	Lea	f Typ	e: 🔞	<u>(</u>			Flag	Plot 2	Lea	f Typ	e: ((Flag	Plot 3	Leaf	Туре	: 6	0			Flag
Big Trees (>	0.3m DBH)	0	0	2	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	9	0	0		Small Trees (<0.3m DBH)	0	0	(2)	0	(Small Trees	(<0.3m DBH)	0	0	2	0		
Noody Shrubs	, Saplings 5m HIGH)	0	0	<u> </u>	0	0		Woody Shrub	s, Saplings 1-5m HIGH)	0	0		0	0			ubs, Saplings 5m-5m HIGH)		0	0		0	
Voody Shrubs		0	@	2	0	0		Woody Shrub			0	2	0	0		Woody Shru	ubs, Saplings <0.5m HIGH)		(0	0	0	
Herbs, F	orbs and	0	(0	0	Ō			Forbs and	0		0	0	Ō			, Forbs and		0	0	<u></u>	Ö	
	Grasses ground	0		0	0	ō		Bare	Grasses ground	0	0	0	ŏ	$\tilde{\odot}$		Bar	Grasses re ground	0		ŏ	Ö	Ŏ	
Litt	ter, duff	0	Ō	0	0	(tter, duff	0	0	(2)	ŏ			L	_itter, duff	0	0	0		<u>0</u>	
	Rock	0	(2	0	Ō			Rock	0	<u></u>	0	0	$\overline{\odot}$			Rock	0	6	0	0	Ō	
	Water	(1)	0	<u>0</u>	0	Ō			Water		0	0	0	0		-	Water	3	0	0	0	0	
	brnerged	(a)	0	<u>(1)</u>	0	0			ubmerged /egetation	(0	(2)	0	0			Submerged Vegetation	9	0	2	0	0	-
	<u> </u>	sence	e/Ab	senc	_	1 -	rm that				tes p	resen	ce an	_	unfilled	bubble indi		1-	oy filli	ng thi	s bub	ble.	0
Resid	dential	and	Urba	an Si	tres	sors			Hydrolo	gy S	tres	sors	1614		37:1-2		Agricult	ural &	& Ru	ral S	tres	sors	
Fill bubble	if prese	ent - l	Plot	1	2	3	Flag	Fill bubble	e if prese	ent - I	Plot	1	2	3	Flag	Fill bubble	e if preser	nt - Pl	lot	1	2	3	Flag
Road - gravel O O O						Ditches, C	hanneliza	ation		0	0	0		Pasture/Ha	эу			0	0	0			
Road - two lane					Dike/Dam/		8 Bed		0	0	0		Range				0	0	0				
Road - fou	ır lane		للعيا	0	0	0		Water Lev		Stru	icture	0	0	0		Row Crops	3			0	0	0	
Parking Lo	ot/Pavem	nent		0	0	0		Excavation	n, Dredgir	ng		0	0	0		Fallow Fiel ROW CROP FIEL		RESTI	NG	0	0	0	
Golf Cours	se			0	0	0		Fill/Spoil Banks					0	0		Fallow Field (OLD - GRASS, SHRUBS, TREES)				0	0	0	
Lawn/Park	3	1100	42	0	0	0	!	Freshly De		Sedin	nent	0	0	0		Nursery				0	0	0	
Suburban	Residen	tial		0	0	0		Soil Loss/I	Root Exp	osure		0	0	0		Dairy				0	0	0	
Urban/Mul	tifamily		alalilos,	0	0	0		Wall/Ripra	p			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	OR STORM	VATER	3)	0	0	0		Rural Residential				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	
Indus	strial D	evel	opm	ent S	Stres	sor	5						Habit	tat/V	egeta	tion Stress	sors						
Fill bubble	if pres	ent -	Plot	1	2	3	Flag	Fill bubble	if prese	nt - I	Plot	1	2	3	Flag	Fill bubb	le if pres	ent - l	Plot	1	2	3	Flag
Oil Drilling				0	0	0		Forest Clea	ır 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 Cuttin	g		0	0	0	
Mine (surfa	ace)			0	0	0		Tree Planta	ition			0	0	0		Trails				0	0	0	
Mine (underground) Tree Can						Tree Canor (INSECT)	y Herbiv	ory	100	0	0	0		Soil Compa (ANIMAL OR H				0	0	0			
Military O O O Shrub					Shrub Laye		d	govano.	0	0	0		Offroad vel	hicle dama	age		0	0	0				
Others Highly G					Highly Graz (OVERALL <3"	ed Grass	ses		0	0	0		Soil erosion	245	ND, WA	TER,	0	0	0				
Other:				0	0	0		Recently B		rest		0	0	0		OR OVERUSE) Other:				0	0	0	
Recently E					Recently B	ently Burned Grassland				0	0		Other:				0	0	0				
Flag codes: K = No measurement made, U = Suspect measurement						urement.,						igned b	y each field c	rew.		242	3168	304					
Flag codes: K = No mea Buffer Sample Plots					/27/			Suspect measurement., F1,F2, e il flags in comment section on the											900				

22																							
		4.3	140		BH	181	FOI	RM B-1:	BUFF	ER	SAI	MPL	EP	LOT	S (F	ront)	to de la	Review	ved by	(initial)	:		
Site ID: PCAPH: 1253									DATE: 112412012														
Location:								Fill in bubble(s) if plot(s) could not be sampled and flag															
OAA Center ON OS OE OW						W		lot			Plot			Plot 3									
									Buffer														
Fill in bubbles Strata Section	for all th : Fill in a	at approp	ply. Ca priate d	nopy cover	Type: class l	D = D bubble	eciduou for eac	s; E = Evergre h strata type f	een. Leaf T or each plo	ype: E t. 0 =	3 = Bn Abser	oadlea nt, 1 =	f; N = I Sparse	Needle e(<10%	e Leaf. / %); 2=M	Absent: No tree oderate(10-409	e canopy. %); 3 = Hea	vy (40	-75%)	4= \	ery H	eavy (>75%)
Buffer Canopy Type: (a) Abser					bsen	t: O	Buffer	Canopy Type: () (Absent: (Buffer Canopy Type: () () Absent:									
Plot 1	f Typ	e: 📵	0		Flag		Plot 2	Leaf Type: (8) (5	Flag		Plot 3 Leaf Type: (<u> </u>)		Flag		
Big Trees (>0.3	3m DBH)	0	(2	0	0		Big Trees	>0.3m DBH)	0	0	②	0	0		Big Trees	(>0.3m DBH)	0	0	(2)	0	0	
mall Trees (<0.3m DBH)			0	0	1		Small Trees ((<0.3m DBH)	3H) ① (0	0		Small Trees	(<0.3m DBH)	0	0	2	0	0		
Woody Shrubs, Saplings (0.5m-5m HIGH)			③	0	0		Woody Shrub (0.5n	s, Saplings n-5m HIGH)	0	0	2	0	0		Woody Shru (0.5	0	0	0	0	_			
Woody Shrubs, Saplings (<0.5m HIGH)			2	0	0		Woody Shrub		0	0	2	0	<u> </u>		Woody Shru	bs, Saplings 0.5m HIGH)	0	0	0	0	0		
Herbs, For	rbs and Grasses	0	(a)	0	0	0		 			0	2	0	0		Herbs, Forbs and Grasses ① ①					0	0	
Bare g		0	(0	0	0		010000			0	2	0	0		Bare ground ① ①				0	0	0	
Litte	r, duff	0	0	0	0	(4)		Li	tter, duff	0	0	2	0	0		L	itter, duff	0	0	2	0	0	
	Rock	0	(2	0	0			Rock	0	0	(2)	0	0			Rock	0	0	0	0	0	
1	Water	(0	2	0	0			Water	0	0	0	0	0			Water	0	0	0	0	0	
	merged getation	(0	2	0	0			ubmerged /egetation	0	0	(2)	0	0			Submerged Vegetation	0	0	2	0	0	
Stressor Presence/Absence - Confirm that												ce an	d an	unfilled			nce I	by filli	ng thi	s but	ble.	•	
Residential and Urban Stressors									Hydrology Stressors							Agricultural & Rural Stressors							
Fill bubble if present - Plot				1	2	3	Flag	Fill bubble if present - P				1	2	3	Flag	Fill bubble	bubble if present - Plot				2	3	Flag
Road - gravel			0	0	0		Ditches, Channelization				0	0	0	A STATE OF THE STATE OF	Pasture/Ha	y		0	0	0			
Road - two lane			0	0	0		Dike/Dam/Road/RR Bed (IMPEDE FLOW)					0	0		Range	Range					0		
Road - four lane			0	0	0		Water Level Control Structure					0	0		Row Crops				0	0	0		
Parking Lot/	/Pavem	ent		0	0	0		Excavation, Dredging					0	0		Fallow Field		RESTI	NG	0	0	0	
Golf Course				0	0	0		Fill/Spoil E				0	0	0		Fallow Field SHRUBS, TRE		ASS,		0	0	0	
Lawn/Park		1		0	0	0		Freshly De		Sedin	nent	0	0	0		Nursery	Nursery					0	
Suburban R	Residen	tial		0	0	0		Soil Loss/	Root Expe	osure		0	0	0		Dairy		0	0	0			
Urban/Multifamily				0	0	0		Wall/Riprap					0	0		Orchard						0	
Landfill			0	0	0		Inlets, Out				0	0	0			onfined Animal Feeding					0		
Dumping				0	0	0		Point Source/Pipe (EFFLUENT OR STORMWATER) Impervious surface input					0	0			ral Residential					0	
Trash				0	0	0		(SHEETFLOW)					0	0		Gravel Pit				0	0	0	-
Other:			0	0	0		Other:				0	0	0		Irrigation				0	0	0		
Other: OOOO							Other:					0	0		Other:			7 7 7 7 7	0	0	0		
Indust	trial D	evel	opmo	ent S	Stres	son	3		Habitat/Vegeta														
Fill bubble if present - Plot			1	2	3	Flag	Fill bubble if present - Plot				1	2	3	Flag	Fill bubble if present - Plot			1	2	3	Flag		
Oil Drilling			0	0	0		Forest Clear Cut			0	0	0		Herbicide Use			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 Compaction (ANIMAL OR HUMAN)			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 (OVERALL <3" HIGH)				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		Recently Burned Grassland (BLACKENED)					0	0		Other:			0	0	0			
Flag	codes:	K=1	No me	asure		made	, U = S		urement.,	F1,F2	2, etc.	= mis	c. flag	s ass	igned b	y each field cr	rew.		2428	3168	3304		71

Buffer Sample Plots 05/27/2011

													1				-			7
					RM B-1:	BUFF	ER	SAI	MPL	E PI	LOT	S (F	ront)		Review	ved by	(initial)	:	_ (
Site ID:	7PH	1:1	128	53								DATE		124		2	0	/_	2	
Location:		Fill	in b	ubb	le(s)) if p	lot(s	s) cou	ıld not be	sample	d a	nd f	ag -	→	1					
O AA Center O N	0	S	O	■ ●	W	OP	PANLINGS	Ti'r	1000	Plot			Plot 3			A.				National and
Fill in bubbles for all that apply: C	30004	Time	D = E)ociduou		Buffer							heant: No tree	Canony						
Strata Section: Fill in appropriate															vy (40	-75%)	4 = \	ery H	eavy (>75%)
Buffer Canopy Type:	Absent:				Buffer Canopy Type) () Ab	sent	: O	Buffer	e: 💿	(1)	Ab	sent	ent: O		
Plot 1 Leaf Type:) (N) Flag			Flag	Plot 2	Lea	Leaf Type: 0) ()		Flag	Plot 3	Туре	e: 🕝	0			Flag	
Big Trees (>0.3m DBH)	2		0		Big Trees (>0).3m DBH)	0	0	2	0	0		Big Trees	(>0.3m DBH)	0	0	2	0	0	
mall Trees (<0.3m DBH)	X	0	(1)		Small Trees (<	0.3m DBH)	0	0	②	0	0		Small Trees	(<0.3m DBH)	0	0	2	0	0	*
Woody Shrubs, Saplings (0.5m-5m HIGH)		0	0		Woody Shrubs (0.5m-	, Saplings 5m HIGH)				3	0		Woody Shrubs, Saplings (0.5m-5m HIGH)					0	0	
Woody Shrubs, Saplings (<0.5m HIGH)	2	0	0		Woody Shrubs, Saplings (<0.5m HIGH)			0	2	0	0		Woody Shrubs, Saplings (<0.5m HIGH)					0	0	
Herbs, Forbs and Grasses Grasses	2	0	0		Herbs, Forbs and Grasses O			0	2	0	0		Herbs, Forbs and Grasses 0			2	0	0		
Bare ground 💿 🚳	0	0	0		Bare ground ① ①			2	0	0		Bare ground ©			0	2	0	0		
Litter, duff	2	0			Litter, duff		0	0	2	0	0		Litter, duff 💿 🕦			2	0	0		
Rock 🕕 🍘	②	0	0			Rock	0	0	2	0	0			Rock	0	0	0	0	0	-
Water 🕦	0	0	0			Water	0	0	2	3	0			Water	0	0	0	0	0	
Submerged Vegetation	(2)	0	0			bmerged egetation	0	0	0	0	0			Submerged Vegetation	0	0	(2)	0	0	-
Stressor Presence/Ab	send	:e - (Confi	rm that			ndica	tes pi	esen	ce and	d an	unfilled	and the order of the same		nce l	by filli	ng thi	s but	ble.	9
Residential and Urb	an S	tress	sors		a fartan H	lydrolo	gy S	tres	sors					Agricultu	ıral a	& Ru	ral S	tres	sors	
Fill bubble if present - Plot	1	2	3	Flag	Fill bubble	if prese	nt - F	Plot	1	2	3	Flag	Fill bubble if present - Plot				1	2	3	Flag
Road - gravel	0	0	0		Ditches, Channelization				0	0	0		Pasture/Ha	ıy			0	0	0	
Road - two lane	0	0	0		Dike/Dam/Road/RR Bed (IMPEDE FLOW)					Q	0		Range				0	0	0	
Road - four lane	0	0	0		Water Leve	AND DESCRIPTION OF THE PARTY OF	l Stru	cture	0	0	0	F . B	Row Crops				0	0	0	
Parking Lot/Pavement	0	0	0	ī	Excavation,	, Dredgir	ng		0	0	0		Fallow Field ROW CROP FIEL	D) .		NG	0	0	0	
Golf Course	0	0	0		Fill/Spoil Ba				0	0	0		Fallow Field SHRUBS, TRE		ASS,		0	0	0	
Lawn/Park	0	0	0		Freshly Dep (UNVEGETATE	ED)	3.3		0	0	0		Nursery	0	0	0				
Suburban Residential	0	0	0	-	Soil Loss/Root Exposure					0	0		Dairy					0	0	à.
Urban/Multifamily	0	0	0		Wall/Riprap					0	0		Orchard				0	0	0	
Landfill	0	0	0		Inlets, Outlets Point Source/Pipe					0	0		Confined Animal Feeding Rural Residential					0	0	
Dumping	0	0	0		(EFFLUENT OR STORMWATER) Impervious surface input					0	0		Gravel Pit				0	0	0	-
Trash	0	0	0		(SHEETFLOW) Other:				0	0	0		Irrigation				0	0	0	
Other:	0	0	0		Other:				0	0	0 0		Other:			1. 1	0	0	0	
Other:											la la		O	0	O					
Industrial Developm	ent S	stres	sor	5	Section.	golden.							tion Stress	sors						
Fill bubble if present - Plot	1	2	3	Flag	Fill bubble if present - Plot				1	2	3	Flag	Fill bubble if present - Plot			1	2	3	Flag	
Oil Drilling	0	0	0		Forest Clear Cut			0	0	0		Herbicide Use			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 Compaction (ANIMAL OR HUMAN)			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 (OVERALL <3" HIGH)			0	0	0		Soil erosion (FROM WIND, WATER, OR OVERUSE)			ATER,	0	0	0		
Other:	0	0	0		Recently Burned Forest Canopy				0	0	0		Other: O			0	0	0		
Other:	0	0	0		Recently Burned Grassland (BLACKENED)					0	0		Other: O			0	0			
Flag codes: K = No mo	easure	ment	made	e, U = S	uspect measu	rement.,	F1,F2	2, etc.	= mis	c. flag	s ass	igned b	y each field c	rew.		242	3168	3304	11	

Buffer Sample Plots 05/27/2011

