CLEVELAND MET	ROPARKS Plant Community Assess		
Project Label:	PCAP PCAP	Plot N	p: 1257 Date Sampled: 7/30/12 Lead: Broth
			16.94
			Comment required if item answer is NO
Parking/Access outsid	le of Park Boundaries:	YN	If yes, write details in Comments section below
Field journals comple		₩ N	
Site sketch made on 1	:3000 map?	Ø N	
Check cover page	X-axis Bearing of plot recorded	Ø N	
	GPS coords. Recorded	(Ŷ) N	200 200 100
	North direction recorded	(Y) N	
	Photographs taken?	Ø N	
Plot No., Date agreem	ent on all pages?	Ø N	
Header data complete	d all pages?	N N	
Cover classes recorde	d in all Intensive modules	Ŵ N	
Browse Level By Spe-	cies	(Y) N	
Woody stem quality c	ontrol check	₩ N	
Invasive plant quality	control check	Ø N	
Ash trees mapped		(Y) N	Wodsh
Cover by Strata? (con	firm cover type)	Ø N	
Soil samples collected	with matching plot #.	Y N	
Vouchers labeled on d	latasheet with initials and number	Ø N	No Voushus
Vouchers labeled on c	ollection bag	Q N	
Pink flags removed		Gy N	
Data sheet QA before	leaving site?	$Q_N$	
Common equipment re	eturned to tub.	(X) N	
Data sheets scanned?		8-9-12	Enter date to left
Final data sheets scan	ned?		Enter date to left
Buffer Widths measur	ed?	Y N	N7 6-29-12
Web Soil Survey		Y N	JP 7/30/12
Voucher Location	Refrigerator	Y N	
( # vouchers collected)	Press (#)		Enter number to left
Nowhors	Drier	Y N	
10020	Identified	Y N	
	Mounted	Y N	
	Thrown away	Y N	
Y.			(V)
GRTS point verificat	ion: Is plot sampleable?		
€ Yes	Original GRTS point is sampleable		
□ No	Original GRTS point lands in a non-se	ampleable area	fill in category below)
	D Point falls in a water (i.e. river, la	ke)	
	Managed mowed area (i.e. golf or	ourse, picnic area, ri	ght-of-way)
	□ Paved area (i.e. parkinglot, road) □ Unsafe to sample (i.e. steep slope)		
	Other		
Additional Comment	s:		
10			
П			к — 8
Data Quality Cart	ol 2011 vis last revised 6/20/2011 c	- h	Natural Resources Mangament Form NR//

**CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet** Party GENERAL INFORMATION vascul. d Very thorough SAMPLING QUALITY\* Date (mm/dd/yyyy): 67/30/2012 Plot Name: Minimum required fields in Bold and Underlined TAXONOMIC STANDARD TAXONOMIC ACCURACY ∃ Hurried Accurate PLOT NOT SAMPLED: \* Roles: Co-leader, Asst., Guide, Owner, Taxonomist, etc. Plot No.: 1257 Project Name: OI NC 2012 Project Label: End date (if > 1 day) State muster · Hothoman Pettit -ewic Level 4 (no nested corners sampled) Level 5 (nested corners sampled) nigh PCAP modera. subjective evaluation of may still provide good how much effort put into sampling. Hurried plots Pub Date: Plot leader 1552 J.C. low eld tech b() Toch □ Other not sinp n/a 1998 State Plot placement: KGRTS Photo Nos.: OGB3 Camera No.: 3 Plot size for cover data: 0.06 GPS File Name: 1257A Latitude: 41.58690 GPS location in plot x=0 to 5, y=-1,0,+1): ■ Lat/Long □ UTM □ StatePlane Source of coordinates If data not public why? Reason: □ Fuzz 100m □ Fuzz 250m □ Fuzz 500m Check one: Public data Private Data Data Confidentiality Landowner: Local Place Names: 5 quire's castle Quadrangle: Maybeld LOCATION ☐ Random ☐ Stratified Random ☐ Transect component 0 = X Datum: NAD83/WGS84 NAD27 Depth: (1-5): 4 Coordinate system: Intensive modules: 2, 3, 8, 9 1, 2, 5,6 ongitude: w 91.41979 \*Definitions and values in CM PCAP FOM v. 1.0 and CVS Field Guide Systematic (grid) 

Capture specific feature 

Other X-axis Bearing of plot: y = 0 (base of plot x=0, y=0) o MAP of Huge rotting log falls in the plat- This is very unstable, be County: Lake Representative ■ deg 🗆 deg min Coord. Units ■ GPS (EDIT IF MODIFIEI (hectares) slape. W/ Frans, Canada may flower, Bouch & Frank scallings Veg. Char Lanopy Dominated by Beach of Hemlock map and GPS. Plot on slope to the left a soom in. Follow the right edge of the ridge, and referencing Supe with shrub layer Hetb Layer departerate shifted 10 m east to avoid dargerous content), Rationale (why here), and Veg Characterization (description of community, NOTES: Include Layout (any unusual shape details), Location (directions and landscape Rationale: GRTs point; center line Warts Hately Located at the log of the rid bridge trail to the top of t Layout - 2×3 dominants, strata, BROWSE). Additional notes in space on back follow the ridge platar, and off #9 #1 in the center 3 #2 of the ridge, (B) Charefund Matrapart Page 1 of 2 permanent posts OVER

careful

crossing

ε.,
100
10
3
2

7

Acer Sacherum

W

B

inadeodow tuli picera

P 19

Project Label:	CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet 2a  Project Label:  PCAP  Project Label:  Project name: O N COI2	nent Program Species Cover Data Project name: ○  <u>N                                   </u>	es Cover L	)ata Shee		Plot no 1257	257	I '			Page	-	, e
Total modules:	6	Intensive modules:	4	Plot configuration:	uration	2×3	W		70	lot are	Plot area (ha): 🖰 🗢	G	Ò
<b>③</b>		Estimate for each	mod corner	Cormer 2	mod come		comer mod	corner		corner mod	od corner	er mod	comer 2
Cleveland	Br = Browse Level. Use cover classes to describe amount of browse per species over	%open water	) () (§	cov		depun	cov depin	7 C 8	aepin	COV	) O 8	oepin	8
		%unveg. ground (bare soil)	- N		2			도(		a1	W		
Strata - Cov. entire plot		%unveg. litter (bare litter)	1 9 1		1 4		1	9			6	/	
T   S   H  (F) (A) Br	3r Species	c Voucher#	depth cov i	depth cov d	depth cov	depth	cov depth	COV	depth	cov de	depth cov	depth	COV
952 10	o Tagus genicolica		49	4 4			4	Ð	7		8 4	14	
2	Toxicochadian redicans		2 2	( +)									
2	Promus serotinga		2 2						- 1				
2	Acer so, (seed)upa)		2 2		3 2								
W T	Proples whermed is			2 2		17	2 2	2	7		2		
-	Quescos 500 (See) mas)		21		o e								
8 6 7	150Ru Canadensis		1 4		2 7	2	h	7	2	7	8 17	2	
2	Moss.			2 2		2	2		2 2	17	7		
2	Rutherocissus Pornane Lolia			2   -	7 2	3							
2 5				22	2 2	7			2	2 2	1 2		100
8					2								
2 2	Massophia accomunates												
2													
~										n U			
7	S Vibonoum acertalium									+			
2	phytological comesicana												

3 Tsuga canadensis
3 Stounding dead 4 Fagus grandifolia 3 6 3 Prunus seration CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet 3 Viburnum acertolium 6 Standing dead Standing dead Acer saccharum Acer Fagus granditalia Tsuga con adensis Sambucus pubers Explain subsample (additional room on back) Standing dead Fagus grand, Pollin Tsuga Ganadinsis Fraxinus sp. Standing dead saccharum Project Label: PCAP # stems browsed 0-1.4m دوا 8 -J sample or super % sub Project Name: QNC2Q2 Plot No.: 2S7 clumps shrub # size class (cm) woody stems >1.4m 0-<1 . 1-<2.5 2.5-<5 9,0 5-<10 H 10 - <15 | 15 - <20 0 20 - <25 Page: 25 - < 30 30 - <35 (P) Cleveland Metaparks 35 - <40 6 49.9,69.5 5,7 51.0 49.5 62.542.4 B3.0 >40 (record each tree)

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



Tier 1: Earl	y detection/	Rapid response			-	ence		GPS	
				NE	SE	SW	NW	MARKET BELLEVILLE	Presence
Microstegium vimineum		Japanese stiltgrass							X: yes
Ranunculus ficaria		Lesser Celandine							
Cynanchum louiseae	(vine)	Black Swallow-wort							
Butomus umbellatus	(wetland)	Flowering Rush							
Heracleum mantegazzianı	ım	Giant Hogweed							
Tier	2: Assess a	s Needed			# of	Plants		comments	
				NE	SE	SW	NW		# of Plants
Acer platanoides		Norway Maple							1: 1-10
Ailanthus altissima	1.07-0.000	Tree of Heaven							2: 11-50.
Lonicera japonica	(vine)	Japanese Honeysuckle	e						3: 51-100
Lythrum salicaria	(wetland)	Purple Loosestrife						-	4: 101-1,000
Aegopodium podagraria	(G-cover)	Bishop's Goutweed							5: >1,000
Celastrus orbiculatus	(vine)	Asian Bittersweet			$\top$				
Torilis sp.	(=)	Hedgeparsley							1
Conium maculatum		Poison Hemlock	,				1		1
Rhamnus cathartica		Common Buckthorn	(shrub)						1
Berberis thunbergii		Japanese Barberry	(shrub)	- 1	1				1
Alnus glutinosa		European Alder	(5.11 0.0)	Г,	1	$\vdash$			1
Dipsacus laciniatus		Cut-leaf Teasel		<del>                                     </del>	+-	<b>—</b>			1
Elaeagnus umbellata		Autumn Olive	(shrub)	<del>                                     </del>	+		_		1
Lonicera maackii		Amur Honeysuckle	(shrub)		+	<del>                                     </del>			1
Euonymus fortunei		Wintercreeper	(Siliub)		+	_			1
	Droconco is	of Interest	INCHES SERVICE	10000	# of	Plants	E627	comments	
Hero	. Flesence a	or interesc		NE	SE	SW	NW	commens	# of Plants
Convallaria majalis	(G-cover)	Lily of the Valley		3,00	25				1: 1-10
Coronilla varia	(G-cover)				+	<del>                                     </del>	<del>                                     </del>		2: 11-50.
Eleutherococcus pentaphy		Five-leaf Aralia	(shrub)		+-		_		3: 51-100
Pachysandra terminalis		Japanese Pachysandra	<u> </u>		+	<del>                                     </del>	<del>                                     </del>		4: 101-1,000
Philadelphus coronarius	(G-cover)	Mock Orange	(shrub)	<del>                                     </del>	+	<del>                                     </del>	1		5: >1,000
Pulmonaria officinalis	(G-cover)	Lungwort	(SITI GD)	<del>                                     </del>	+	$\vdash$	<del>                                     </del>	-	S. 72,000
Rubus phoenicolasius	(G-cover)	Wineberry				<del>                                     </del>	_		1
Iris pseudacorus	(wetland)	Yellow Flag Iris		$\vdash$	+	$\vdash$	+		
Ornithogalum umbellatum	,	Star of Bethlehem		<del>                                     </del>	+-	$\vdash$	+-		
Viburnum opulus var. opu		European Cranberry	/chrub)	-	_	<del>                                     </del>	+		
Viburnum plicatum	ius	Doublefile Viburnum	(shrub)	$\vdash$	+	-	_		
	Vidocaroad :	and abundant	(SIII UD)	50.50	Dro	ence	NATIONAL PROPERTY.	comments	
Heres v	viuespi eau i	and abundant	S27 (1000)	NE	SE	SW	NW	comments	Presence
Alliaria petiolata	ALC: N. C. C.	Garlic Mustard		I	5.	2	2		X: yes
		Common Privet	(shrub)	1	J. T.	5	<u> </u>		N. yes
Ligustrum vulgare				1	+				
L. morrowii, L. tatarica		Bush Honeysuckles	(shrub)	-	+	<del>                                     </del>	+		1
Phalaris arundinacea	(atl=1\	Reed Canarygrass		-	+	-	1		1
Phragmites australis	(wetland)	Phragmites		-	+	-	+		1
Polygonum cuspidatum		Japanese Knotweed	(alaresta)	$\vdash$	+	-	+		1
Frangula alnus		Glossy Buckthorn	(shrub)	-	-	-	+		-
Rosa multiflora		Multiflora Rose	(shrub)	2	-	-	-		1
Typha angustifolia, T. x.gla	uca	Cattails (wetland)		├	+	₩	-		-
Cirsium arvense		Canada thistle		-	-	<del>                                     </del>	-		1
Dipsacus fullonum		Common Teasel		-	-	<del>                                     </del>	<b>_</b>	`	1
Hesperis matronalis	· · · · · · · · · · · · · · · · · · ·	Dame's Rocket		<u> </u>		<u> </u>	ļ	0. 5 . 1	-
Vinca minor	(G-cover)	Periwinkle		3				Med Patch	J

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: OI NC 2012

Plot No.: 1257

(P) Oleveland Metroparton Page: 1 of 1

STANDING BIOMASS (required for emergent wetlands): collected in 0.1m clip plots (32x32 cm) from comers 1 and 3 in each intensive module. Required for VIBI-E score calculation. C?=check when

collected

		Module # C? C	
		C? Corner Corner	
		Corner	

CLASSIFICATION		
(FIT = excellent, g Fit and Confidence		
Hydrogeomorphic class (WETLANDS ONLY):		
a DEPRESSION	1	Conf=
□ IMPOUNDMENT □ Beaver □ Human	- Fi	Conf=
□ RIVERINE □ Headwater □ Mainstem □ Channel	1	Conf=
☐ SLOPE (ground water hydrology or on a physical slop)	Fi= 	Conf=
□ FRINGING □ Reservoir □ Natural Lake	Fit= 	Conf=
COASTAL (specify subclass)	Ti Ti	Conf=

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

+45 degrees

NE z

At aspect

LFI is angle of

## MICROTOPOGRAPHIC FEATURE COUNTS - Intensive modules only

Ranks for microhabitat features. Select one 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 Nope 1 = slight elevational grade across module (hiii) Slope 2 = falls on slope ~20 ° Slope 3 = maximum sleepness 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

			ھ	gregated.	irs but counts are agu	NOTE: tussock and hummocks are counted in BOTH nested quadrat corners but counts are aggregated.	are counted in BO	sk and hummocks	NOTE: tusso
					See				
w	ω	-	N	S	0	0	0	ı	6
02	w	0	7	10	0	0	ð	١	B
()s	4		e.	ō	0	0	0	١	N
(s	4	0	ω	55	0	0	0	1	_
(rank)	(rank)	(count)	(count)	(count)	(count)	(count)	(count)	corner	mod#
10x10m	10x10m	10x10m	10x10m	10x10m	10x10m	3,16x3 16m	lxim		
SLOPE	depth !	depth 1	depth 1	depth 1	depth 1	depth 2	depth 3		
						uplands (Tip-Ups)			
	interspers.	>40 cm	(12-40cm)	(2-12 cm)	depressions	hummocks	tussocks		
microhab.	microhab.	c.w.d	c.w.d	c.w.d	no. macro.	no, of	no. of		
		c.w.d count for pieces with minimum 1m length	for pieces with r	c.w.d count					

Conf= Cont=

□ FOREST □ swamp forest □ bog forest □ forest seep
□ EMERGENT □ marsh □ wet meadow □ open bog Ohio EPA VIBI Plant Community Class (WETLANDS ONLY): BOG (strongly, moderately, weekly ombrotrophic) COASTAL (specify subclass) F | 를 | 큐 Conf=\_\_ Conf=

□ SHRUB □ shrub swamp □ tall sh. bog □ tall sh. fen

Conf=

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

+315 degrees +270 degrees

N.

+225 degrees +180 degrees

WS W

eye of person standing ~10 m away.

recorders eye to angle from

+135 degrees +90 degrees

SE

angles formed by local slopes. For TSI measure plot to the horizon. TSI is

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

5	t 5	2 +	-	Module	
در	છ	H	7	z	
		13.	_	s	
సు	Es.	1	_	es	
<i>\</i>	0	2	-	W	L

6 4	<b>\$ \$</b>	2 +	+	Module
	ى	Н	1	2
57		13.	_	s
<b>ઇ</b> ऽ	Es.	1	_	e
12	0	P	-	W

S

2. O O O Sand Cover\_Earth Surface Data sheet Page 1\_ver 3.xls last revised 5/29/2012 cent

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

Project label: PCAP Project Name: 01 NC 2012 Plot No.: 1257

P Gleveland Metroparks

Page: 1 of 1

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

20 cm Soil pit module # (one per entire plot) 5 cm matrix color 1048 3/4 matrix color texture\* texture\* redox features\*\* oxid roots oxid roots mottle edox features\*\* ydr. cond, \*\*\* mottle ottle color ottle color ZX 2240 MIS ISMD Z 3

\* refer to texture classes on reverse side

0.1 cm in center of Intensive modules. If >30.5

SOIL DEPTH MEASUREMENT: Measure to the

record as >30

ydro\_cond.\*\*\*

1 S M D

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

\*\*\* Circle one:
|=indundated S=saturated M=moist D=dry
|
Notes: include evidence of earthworms (worms.)

astings, middens)

mod#

depth (cm) 2 litter

organic depth

water depth (CIII)

l litter+ (cm)

ST OF THE

6

4.5

2,5

0 0 0 0

2,4

4.0

6

4.3 0. 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

□ Impermeable surface	□ Well drained   Moderately well dr. □ Very poorly dr. □ Very poo	Excessively dr. Somewhat excessively	DHADNAGEO	Parent Material Till	Depth to rest. Layer: > 80"	Landform type: Till Plains	Soil Series Source: Ohio Soil Survey	Soil Series/Type: EIF - Ellsworth Sill Loam	With Soil Survey Margathur	2,3,8,9 composited	Soil Collection Moduld Horizon (A, B, C)
	vell dr orly dr	cessively						# 5:H-Lo		>	9
								am			

4							-					
Control of the Contro	**** <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
	neter	eter	in .		Ø	8		99	Ø	percent	Surface*	E & GROUN
The second secon	Other	Koad/Trail	Bare Soil	Water	Bryophyte- Lichen	Duff (Ferm.+ Humus)	Litter	Fine Woody Debris****	Coarse Woody Debris***	(Each ≤ 100%)	Ground Cover	ID COVER
	Ø	Ø	5	Ø	4	150 mg	95	3	15	percent		

>30	730	>30	>30	depth sat soil (cm)			the nearest 30.5 cm,	
** submersed,	rooted and f	(Aquatic)*	(Floating)*	Herb	Shrub	Tree	Strata	estimate us
** submersed, most plant mass below surface	* rooted and floating or slightly emersed	•		8.0.	0.5 6	2-5	Height Range (m)	estimate using midpoints of 5,ex:3, 8, 1
ow surface	rsed			W	23	\$	Tota	,ex:3, 8, 1

Gravel  Deer	□ Boolleg unsanctioned □ Gravel	□ Bootleg unsanctioned	□ Hiking sanctioned	□ Bridle	□ All Purpose	Туре %Сот	record type and cover for each	TRAIL INFORMATION:	大学 は のは のは のいまかった いっこう
						%Cover	ach		

1.00 C

COVER BY STRATA estimate using midpole	COVER BY STRATA estimate using midpoints of 5,ex:3, 8, 13	ex:3, 8, 13
Strata	Height Range (m)	Total Cover (%)
 Tree	2-5	95
 Shrub	0.5 6	23
Herb	Ø .0.6	3
(Floating)*	-	
(Aquatic)*	•	
rooted and fi	* rooted and floating or slightly emersed	sed

STAND SIZE

□ > 100 x plot size

>600 x plot size

10-100 x plot size

 3-10 x plot size 1-3 x plot size < plot size

\* made soil back pear pit in med 5 because of downed tree along midline of plots por Mi 9

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

FORM B-1: BUFFER SAMPLE PLOTS (Front)  Reviewed by (initial):																							
FORM B-1: BUFFER SAMPLE PLOTS (Front)  Site ID: PCAPNC 1257  DATE: 0 1 3 0 1 2 0 1 2  Location:  O AA Center ON OS OE OW  O Plot 1 O Plot 2 Plot 3																							
Site	D: P	CAI	PNO	: 17	25	7									DATE	0.7	130	1	2.	0	1.2	2.	
			AL					MELLI S	Fill	in b	ubb	le(s	if p	lot(s	s) cou	ld not be	sample	d an	nd fl	ag -	<b>→</b>	·>	Ĩ
OAAC	enter	•	N	0	S	O	≣ 0	W	OP	lot	1	0	Plot	2	<b>1</b> P	lot 3						2	
Fill in bubble Strata Section	s for all th	hat ap approj	ply: Ca priate o	nopy cover	Type:	D = [	Deciduou e for eac	s; E = Evergre	Buffer en. Leaf T or each plo	voe: E	3 = Bn	oadlea	f: N = 1	Veedle	e Leaf. A	bsent: No tree	e canopy. %); 3 = Heav	vy (40-	75%);	4 = V	ery He	eavy (>	>75%)
Buffer	Canop	у Тур	pe: 🕞	) (	Al	osen	t: O	Buffer	Canopy	у Тур	e: 🌘	) (	) At	sent	: O	Buffer	Canopy	Туре	: 0	(1)	Ab	sent:	0
Plot 1	Lea	f Typ	e: 🕒	) (	)		Flag	Plot 2	Lea	f Typ	e: 🧣	9 (			Flag	Plot 3	Leaf	Туре	: 🕦	0			Flag
Big Trees (>	0.3m <b>DB</b> H)	0	0	(2)	0	<b>(</b>		Big Trees (	•0.3m DBH)	<b>(</b>	0	2	0	0		Big Trees	(>0.3m DBH)	0	0	0	0	0	
mall Trees (<	0.3m DBH	0	<b>(</b>	0	0	0		Small Trees (	<0.3m DBH)	0	0	<b>(</b>	0	0		Small Trees	(<0.3m DBH)	0	0	0	0	0	
Noody Shrubs	, Saplings 5m HIGH)	0	0	<b>6</b>	0	0		Woody Shrub	s, Saplings i-5m HIGH)	0	•	(2)	0	0			ibs, Saplings im-5m HIGH)	0	0	0	0	0	
Woody Shrubs	<del></del>	0	9	<u>3</u>	0	0		Woody Shrub		Ō		2	0	0		Woody Shru	bs, Saplings 0.5m HIGH)	0	0	0	0	0	
	orbs and	0	0	0	0	0		`	Forbs and	0	ō	<u>3</u>	0				Forbs and Grasses	0	0	0	Ō	Ō	
Bare	Grasses ground	0	0	0	9	0	_	Bare	Grasses ground	<u>O</u>	ō	0	0	$\overline{\odot}$		Bar	e ground	0	Ō	Ō	Ŏ	Ŏ	
	ter, duff	Ö	0		0	0			tter, duff	0	<b>6</b>	0	0	$\frac{0}{0}$			itter, duff	0	ŏ	$\overline{0}$	ŏ	ŏ	
	Rock	<b>O</b>	0	_	0	0			Rock		0	0	0	$\frac{0}{0}$			Rock	0	0	0	<u></u>	<u></u>	
		+	_	0		-	-				6						Water	$\stackrel{\smile}{\longrightarrow}$	0	0	0	0	
Sı	Water	9	0	0	0	0	-	s	Water ubmerged	<b>②</b>	<u> </u>	0	9	<u>O</u>			Submerged						
V	egetation		0	0	0	0			egetation/		0	0	<u> </u>	<u> </u>			Vegetation	Ö		<u> </u>	<u> </u>	<u> </u>	•
				77,5	70			a filled data			104		ce an	d an	untilled		20 10 125	115 175	and a	- Second	AL THE	1-3-1	9
Resi	dential	and	Urb	an S	tress	sors	SHE		Hydrolo	gy S	Stres	sors					Agricultural & Ru				tres	and the same	10.10
FIII bubble	if pres	ent -	Plot	1	2	3	Flag	Fill bubble	e if present - Plot			1_	2	3	Flag	Fill bubble	if presen	t - Pi	ot	1	2	3	Flag
Road - gra	ivel			0	0	0		Ditches, C		9-00-1		0	0	0		Pasture/Ha	ıy			0	0	0	
Road - two	lane		U)	0	0	0		Dike/Dam/		Bed		0	0	0		Range				0	0	0	
Road - fou	r lane			0	0	0	i.	Water Lev	el Contro	l Stru	ucture	0	0	0		Row Crops				0	0	0	
Parking Lo	ot/Paven	nent		0	0	0		Excavation	n, Dredging			0	0	0		Fallow Fiel	D)	em sun	1G	0	0	0	
Golf Cour	se			0	0	0		Fill/Spoil E				0	0	0		Fallow Field (OLD - GRASS, SHRUBS, TREES)				0	0	0	
Lawn/Parl				0	0	0		Freshly De (UNVEGETAT	ED)	6 10	100	0	0	0		Nursery				0	0	0	
Suburban	Resider	ntial		0	0	0		Soil Loss/	Root Exp	osure	)	0	0	0		Dairy				0	0	0	
Urban/Mu	tifamily			0	0	0		Wall/Ripra	p			0	0	0		Orchard				0	0	0	
Landfill				0	0	0		Inlets, Out Point Sou				0	0	0		Confined A		ding		0	0	0	
Dumping				0	0	0		(EFFLUENT (	OR STORM			0	0	0		Rural Resi	dential			0	0	0	
Trash				0	0	0	-	(SHEETFLOW		iiipu	•	0	0	0		Gravel Pit				0	0	0	
Other:				0	0	0		Other:				0	0	0		Irrigation	Library Co.			0	0	0	
Other:	strial D	evel	opm	O ent S	O	O	s	Other:		K. K.	W 8	0	O Habit	O tat/V	egeta	Other:	sors			0	0	0	a leve
Fill bubble			Phices	1	2	3	Flag	Fill bubble	if proce	nt -	Diet	1	2	3	Flag		le if prese	ent - F	Plot	1	2	3	Flag
Oil Drilling		enr -	FIOL	0	0	0	1 lag				. 100	0	0	0	1 109	Herbicide U	CHARLES I			0	0	0	3
Gas Wells				1				Forest Clea				10000	0	0						0	0	0	
				0	0	0		Forest Sele			- 20	0	1			Mowing/Sh	rub Cutung			1000			
Mine (surf				0	0	0		Tree Canor		orv		0	0	0		Trails Soil Compa	ection			0	0	0	
Mine (und	ergroun	d)		0	0	0		(INSECT)				0	0	0		(ANIMAL OR I			-	0	0	0	
Military				0	0	0		Shrub Laye	MESTIC)			•	0	0		Offroad vel		-	TEC.	0	0	0	
Other: _			199	0	0	0		Highly Graz (OVERALL <3	HIGH)		12/25	0	0	0		Soil erosion OR OVERUSE		ib, WA	IEK,	0	0	0	
Other:		a		0	0	0		Recently B								0	0	0					
Other:				0	0	0		Recently B (BLACKENED)		assla	nd	0	0	0		Other:	DISCHE VIIII			0	0	0	1
O FI	ag codes	:: K =	No me	asure	ement	mad Exr	e, U = S	U = Suspect measurement., F1,F2, etc. = mlsc. flags assigned by each field crew.  2428168304								I							
В	uffer Sa	mple	Plots	05	/27/			3		1													

Site II	D: p	CAI	P	N		34	FOI		BUFF	ER	SAI	MPLE PLOTS (Front)  DATE: 07/30/20/2											•
Locatio		<u>un</u>				2000	100		Fill	in b	ubb	le(s	if p	lot(s	s) cou	ıld not be	sample	ed a	nd fl	aq -	<b>→</b>	Flag	
OAAC		C	N	0	S	01	E 0	w	OP				Plot		The state of	Plot 3						- 1	
		nat app	oly: Ca	пору	Туре:	D = 0	Deciduou	s; E = Evergre		ype: B	= Bro	oadlea	f; N = I	Needl	e Leaf. A			nvv (40	1-75%)	4 = V	erv H	eavv (	>75%)
		700	_	) (			_			200									_		·		
Buffer   Plot 1	Canopy	f Typ		(1)		bsen		Buffer Plot 2	Canopy	гур f Тур	$\rightarrow$		-	bsent		Buffer Plot 3	Canopy	турі Турі	$\stackrel{\sim}{\sim}$		Ab	sent	
					0	0	Flag			() ()		0		0	Flag	Dia Troop	(>0.3m DBH)			0			Flag
Big Trees (>0.3m DBH)       ①       ①       ①       ②       ②         Small Trees (<0.3m DBH)								Big Trees (>		$\stackrel{\sim}{\sim}$	$\sim$	0	0			Small Trees		1	0	0	0		-
Woody Shrubs, Saplings								Small Trees ( Woody Shrub		-	0	-			× -		ubs, Saplings	1	-			-	
(0.5m-5m HIGH) Woody Shrubs, Saplings									-5m HIGH)	0	-	0	9	$\frac{\odot}{\odot}$		(0.5	im-5m HIGH) ibs, Saplings	10	0	9	9	$\rightarrow$	
(<0.5m HIGH)							(<0	.5m HIGH) Forbs and		0	0	0	$\frac{\odot}{\odot}$	A DE	(-	<0.5m HIGH) Forbs and	10	0	0	9			
Grasses 0 2 3  Bare ground 0 1 2 3									Grasses	0		0	0	0			Grasses	10	0	0	9	$\rightarrow$	
						0			ground	0	$\overline{\odot}$	0	9	<u>O</u>		-	re ground	0	0	0	0	_	
Litter, duff O O O O								Li	tter, duff	0	0	0		0		L	itter, duff.	0	0	0	0		
Rock ① ① ② ③						0			Rock		0	0	0	0			Rock	0	0	0	0	$\rightarrow$	
	0	0	0	0			Water		0	0	0	0		- 3	Water	$\vdash$	0	0	0	0			
Submerged Vegetation 0 2					0	0			ubmerged egetation		0	0	0	0			Submerged Vegetation		0	0	0	0	
Stress	or Pres	ence	e/Ab	senc	:e - (	Confi	rm that	a filled data	bubble ir	ndica	les pi	resen	ce an	d an	unfilled	bubble indi	cates abse	ence l	by filli	ng this	s bub	ble.	•
Stressor Presence/Absence - Confirm to Residential and Urban Stressors									Hydrolo	gy S	tres	sors					Agricult	ural	& Ru	ral S	tres	sors	
							Flag	Fili bubble	if prese	nt - F	Plot	1	2	3	Flag	Fill bubble	if prese	nt - P	iot	1	2	3	Flag
Fill bubble if present - Plot 1  Road - gravel O						0		Ditches, C	hanneliza	0	0	0		Pasture/Ha	ay			0	0	0			
Road - two	lane			0	0	0		Dike/Dam/ (IMPEDE FLO		Bed		0	0	0		Range				0	0	0	
Road - four	r lane	Hai		0	0	0	Th	Water Lev		Stru	cture	0	0	0		Row Crops		ning s	The second	0	0	0	
Parking Lo	t/Pavem	ent		0	0	0	N T	Excavation	, Dredgir	ng		0	Θ	0	17	Fallow Fiel		RESTI	NG	0	0	0	
Golf Cours	e			0	0	0		Fill/Spoil B				0	0	0		Fallow Fiel SHRUBS, TRE		ASS,		0	0	0	
Lawn/Park			8	0	0	0	13.5	Freshly De		edim	ent	0	0	0	1	Nursery				0	0	0	
Suburban I	Residen	tial		0	0	0		Soil Loss/F	Root Expo	sure		0	0	0		Dairy	ALL SAID	4		0	0	0	
Urban/Mult	tifamily	THE REAL PROPERTY.	201	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	(2007 0)	Point Sour (EFFLUENT C	OR STORMV	VATER	)	0	0	0		Rural Residential				0	0	0	1
Trash				0	0	0		Impervious (SHEETFLOW		input		0	0	0		Gravel Pit				0	0	0	
Other:				0	0	0		Other:	1			0	0	0		Irrigation				0	0	0	
Other:				0	0	0		Other:				0	0	0		Other:				0	0	0	
Indus	strial D	evelo	opmo	ent S	stres	sor	8					1	labit	tat/V	egeta	tion Stress	sors						
Fill bubble	if prese	ent - I	Plot	1	2	3	Flag	Fill bubble	if preser	nt - F	Piot	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 L	lse			0	0	0	
Gas Wells	I HIN	771		0	0	0		Forest Sele	ctive Cut			0	0	0		Mowing/Sh	rub Cuttin	g		0	0	0	
Mine (surface)							Tree Planta	tion	03810	2/0	0	0	0		Trails				0	0	1000		
Mine (underground)						Tree Canop		ory		0	0	0		Soil Compa				0	0	10000			
							(INSECT) Shrub Laye		d			0	0		(ANIMAL OR H	DE PRINCIPALITA	ide		0	0			
							(WILD OR DON Highly Graz	ed Grass	es		0		0		Soil erosion	(FROM WII		ATER,	-			1,	
Other: O O O							(OVERALL <3* Recently Bu	HIGH)			0	0			OR OVERUSE)					G.			
Other: 0 0 0						-	Canopy			nd	0	0	0		Other:								
Other: O O O														0	0	100							
Flag codes: K = No measurement made, U								uspect meas lags in comm							igned by	y each field c	rew.		2428	3168	304		

	FORM B-1: BUFFER SAMPLE PLOTS (Front)  Reviewed by (initial):  DATE: 0 7 3 1 3 1 3																					
•	FORM B-1: BUFFER SAMPLE PLOTS (Front)  Site ID: PCAP NC 1257  DATE: 0 7 30 2 0 1 3  Location:  O AA Center O N O S O E & W O Plot 1 O Plot 2 Plot 3																					
Site I	D: 🤌	CAF	N	ct	2	57	1								DATE	07	130	12	٥	1.	2	
Location	on:								Fill	in b	ubb	le(s)	if p	iot(s	) cou	ld not be	sampled	and f	lag -	<b>→</b>	ī	
OAAC	enter	С	N	0	S	OE	<b>6</b>	W	OP	lot	1	01	Plot	2	<b>⊘</b> P	lot 3			167	TA	1	
Fill in bubble Strata Section	es for all thon: Fill in a	nat apş approp	oly: Ca oriate d	nopy over o	Type:	D = C	eciduou for eac	s: E = Everare	Buffer en. Leaf T or each plo	voe: E	B = Bro	adleat	5 N = N	veedle	Leaf. A	bsent: No tree	e canopy. %); 3 = Heavy	(40-75%	); 4 = V	ery He	avy (	>75%)
Buffer	Canop	у Тур	e: 🕞	) (	) AI	bsen	t: O	Buffer	Canopy	у Тур	e: @	) (	) Ab	sent	: O	Buffer	Canopy T	ype: 🕞	(E)	Ab	sent	0
Plot 1	Lea	f Typ	e: 🕝				Flag	Plot 2	Lea	f Typ	e: 📵	) (			Flag	Plot 3	Leaf T	ype: 🕞	0			Flag
Big Trees (>	0.3m DBH)	0	0	2	<u>(1)</u>	<b>(4)</b>		Big Trees (	•0.3m DBH)	0	0	2	0	<b>②</b>		Big Trees	(>0.3m DBH)	D 0	2	①	0	
mall Trees (<	0.3m DBH)	0	0	0	0	0	-	Small Trees (	<0.3m DBH)	0	0	<b>②</b>	0	0		Small Trees	(<0.3m DBH)	D 0	2	0	0	
Woody Shrubs (0.5m-	, Saplings 5m HIGH)	0	0	<b>(2)</b>	0	0		Woody Shrub (0.5m	s, Saplings 1-5m HIGH)		0	<b>©</b>	0	0			ibs, Saplings im-5m HIGH)	0 (0	2	0	0	
Woody Shrubs (<0.	, Saplings 5m HIGH)	0	<b>(a)</b>	0	0	0		Woody Shrub	s, Saplings ).5m HIGH)		<b>(</b>	0	0	0		Woody Shru (<	bs, Saplings (0.5m HIGH)	0 (	2	0	0	
Herbs, F	orbs and Grasses		<b>@</b>	<b>②</b>	0	0		Herbs,	Forbs and Grasses		<b>Ø</b>	0	0	0		Herbs,	Forbs and Grasses	0	2	0	0	
Bare ground ① ① ⑩ ② ②								Bare	ground	0	0	<b>Ø</b>	0	0		Bar	e ground (	0	0	0		
Litt	er, duff	0	0	①	<b>@</b>	0		Li	tter, duff	0	0	0	0	<b>②</b>		L	0	0	0			
Te-	Rock	<b>(b)</b>	0	<b>②</b>	0	0			Rock	<b>®</b>	0	0	0	0			Rock (	0 0	2	0	0	
	Water	<b>@</b>	0	2	0	0			Water	<b>©</b>	0	0	0	0			Water (	2	0	0		
	bmerged egetation	<b>®</b>	0	2	0	0			ubmerged egetation	(9)	0	0	0	0			Submerged Vegetation	00	0	0	0	
			e/Ab	send	:e -	Confi	rm that				tes p	resen	ce and	d an i	unfilled	bubble indic		ce by fil	ling th	s bub	ble.	3
Resid	dential	and	Urba	an Si	tres	sors	1918		Hydrolo	gy S	tres	sors		11/1/1/2020			Agricultur	al & R	ural S	tres	sors	
Fill bubble	if prese	ent - I	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 - gra	ivel			0	0	0		Ditches, C	nannelization			0	0	0	distriction arrests	Pasture/Hay			0	0	0	
Road - two	lane			0	0	0		Dike/Dam/	Road/RR Bed			0	0	0		Range			0	0	0	
Road - fou	r lane			0	0	0		Part of the Control o	el Control Structure			0	0	0		Row Crops			0	0	0	
Parking Lo	ot/Paven	nent		0	0	0		Excavation	n, Dredgir	ng		0	0	0		Fallow Field	d (RECENT-RE	STING	0	0	0	
Golf Cours	se			0	0	0		Fill/Spoil E	Banks			0	0	0			d (OLD - GRAS	S,	0	0	0	
Lawn/Park				0	0	0		Freshly De		Sedin	nent	0	0	0		Nursery		II a	0	0	0	
Suburban	Residen	ntial		0	0	0		Soil Loss/	Root Exp	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				0	0	0		Confined A	nimal Feedi	ng	0	0	0	
Dumping				0	0	0		Point Sour	OR STORM			0	0	0		Rural Resid	dential		0	0	0	
Trash				0	0	0		(SHEETFLOW		input		0	0	0		Gravel Pit			0	0	0	
Other:				0	0	0		Other:	100			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					1	Habit	at/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 presen	t - 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 Cutting		0	0	0	
								Tree Planta	ition			0	0	0		Trails			0	0	0	
Mine (underground)								Tree Canor	y Herbiv	огу		0	0	0		Soil Compa (ANIMAL OR H			0	0	0	
Military O O O Shrub Layer Brows (WILD OR DOMESTIC)										ed .		0	0	0		Marie Marie	nicle damage		0	0	0	
Other:			1 1	0	0	0		Highly Graz (OVERALL <3°	zed Grass	ses	A TO	0	0	0		Soil erosion	(FROM WIND	WATER,	0	0	0	
Other:	A - Care			0	0	0		Recently B		rest		0	0	0		Other: O O O						
Other:				0	0	0		Recently B		assla	nd	0	0	0		Other:			0	0	0	··
	ag codes	: K = I	No me	_			e, U = S	(BLACKENED) uspect meas		F1,F	2, etc.	100	A CONTRACTOR OF THE PARTY OF TH		igned b	y each field c	rew.	0.40				7
	uffer Sar				/27/	Exp	lain all f	lags in comm								25 45 55		242	816	304		

	FORM B-1: BUFFER SAMPLE PLOTS (Front)  Reviewed by (initial):																										
•	FORM B-1: BUFFER SAMPLE PLOTS (Front)  Site ID:   DATE: 0 7 / 3 0 / 3 0 1 7  Location:  Fill in bubble(s) if plot(s) could not be sampled and flag →  O Plot 1 O Plot 2 O Plot 3																										
Site I	D: P	CAT	> N	UC	12	5	7								DATE	07	130	<b>_/</b> _	7 (	<b>3</b> .							
Location	on:		2		<u> </u>				Fill	in b	ubb	le(s)	if p	lot(s	s) cou	ld not be	sample	d aı	nd fla	ag -	→		H				
O AA C	Center	С	N	0	S	0	E 0									lot 3				114							
Fill in bubble Strata Section	es for all thon: Fill in a	nat app approp	oly: Ca priate d	nopy cover o	Type: class t	D = D	Deciduou e for eac	s; E = Evergree strata type for	uffer n. Leaf T each plo	vpe: B	= Br	oadlea	f: N = 1	Veedle	e Leaf. A	bsent: No tree derate(10-40	e canopy. %); 3 = Heav	vy (40	-75%);	4 = V	ery He	eavy (:	>75%)				
Buffer	Canopy	у Тур	e: 🏉	(	) AI	bsen	t: O	Buffer	Canopy	/ Тур	e: 🕞	) (	) At	sent	: O	Buffer	Canopy	Турє	e: ①	(E)	Ab	sent:	0				
Plot 1	Lea	f Typ	e: 🌘	) (			Flag	Plot 2	Lea	f Typ	e: 🕝	) (			Flag	Plot 3	Leaf	Type	: 0	0	Ι.,		Flag				
Big Trees (>	0.3m DBH)	0	0	0	0			Big Trees (>0.	3m DBH)	0	0	0	0	0		Big Trees	(>0.3m DBH)	$ \odot $	0	<u> </u>	<u> </u>	0					
Small Trees (<	0.3m DBH)	0	0	0	<b>(</b>	0		Small Trees (<0	.3m DBH)	0	0	0	0	0		Small Trees	(<0.3m DBH)	0	0	<u> </u>	0	0					
Woody Shrubs (0.5m-	, Saplings 5m HIGH)	0	<b>(</b>	0	0		Woody Shrubs, (0.5m-5	Saplings m HIGH)	0	0	0	0	0			ıbs, Saplings m-5m HIGH)	0	0	<b>②</b>	0	0						
Woody Shrubs (<0.	, Saplings 5m HIGH)	0	<b>(</b>	2	3	0		Woody Shrubs, (<0.5	Saplings m HIGH)	0	0	0	0	0		Woody Shru (<	bs, Saplings 0.5m HIGH)	$ \odot $	0	0	0	0					
Herbs, F	orbs and Grasses	0	<b>(</b>	0	0	0		Herbs, Fo	rbs and Grasses	0	0	0	0	0		Herbs,	0	<b>②</b>	0	0							
Bare	ground	0	<b>(</b>	0	3	0		Bare g	ground	0	0	0	0	0		Bar	e ground	0	0	<b>①</b>	0	0					
Litt	ter, duff	0	0	<b>(b)</b>	0		Litte	er, duff	0	0	0	0	0		L	itter, duff	0	0	2	0	0						
	Rock	<b>(</b>	0	0	0	0			Rock	0	0	2	3	0			Rock	0	0	2	0	0					
-	Water	<b>Ø</b>	0	0	0	0			Water	0	0	3	0	0			Water	0	0	<u> </u>	0	0					
	bmerged egetation	<b>(</b>	0	(2)	①	0			merged getation	0	0	3	0	0			Submerged Vegetation	0	0	<b>②</b>	0	0					
Stress	or Pres	sence	e/Ab	senc	e - (	Confi	rm that	a filled data b	ubble ir	ndicat	es p	resen	ce an	dan	unfilled	bubble indic	cates abse	nce b	y fillir	000							
Resi	dential	and	Urba	an Si	tress	sors		H	ydrolo	gy S	tres	sors		MI			Agricultu	ıral 8	& Rui	al S	tres	sors					
Fill bubble	if prese	ent - i	Plot	1	2	3	Flag	Fill bubble	if prese	ent - F	Plot	1	2	3	Flag	Fill bubble	if presen	ot	1	2	3	Flag					
Road - gra	ivel			0	0	0		Ditches, Cha	anneliza	ation	H d	0	0	0	and the same services and a single	Pasture/Ha	ıy			0	0	0					
								Dike/Dam/R		Bed		0	0	0		Range				0	0	0					
Road - fou	ır lane			0	0	0		Water Level		l Stru	cture	0	0	0		Row Crops				0	0	0					
Parking Lo	t/Pavem	nent		0	0	0		Excavation, Dredging					0	0		Fallow Fiel		RESTIN	NG	0	0	0					
Golf Cours	se			0	0	0		Fill/Spoil Banks					0	0		Fallow Fiel SHRUBS, TRE		ASS,		0	0	0					
Lawn/Park				0	0	0		Freshly Dep (UNVEGETATE)		Sedim	ent	0	0	0		Nursery				0	0	0					
Suburban	Residen	itial		0	0	0		Soil Loss/Ro	ot Expo	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, Outle				0	0	0		Confined A		ding		0	0	0					
Dumping				0	0	0		(EFFLUENT OR	STORM			0	0	0		Rural Resid	dential			0	0	0					
Trash				0	0	0		(SHEETFLOW)	surrace	прис		0	0	0		Gravel Pit	100			0	0	0					
Other:				0	0	0		Other:				0	0	0		Irrigation			-	0	0	0					
Other:	10 TO SE		1000	0	0	0		Other:	visite 1	4		0	0	0		Other:			5 5 5 6	0	0	0	-				
Indu	strial D	evel	opme	ent S	Stres	sor	S						Habit	at/V	egeta	ion Stress	sors										
Fill bubble	if prese	ent - I	Plot	1	2	3	Flag	Fill bubble if	fpreser	nt - F	lot	1	2	3	Flag	Fill bubb	le if prese	ent - l	Plot	1	2	3	Flag				
Oil Drilling				0	0	0		Forest Clear	Cut		-	0	0	0		Herbicide U	lse		_	0	0	0					
Gas Wells O O O								Forest Select	ive Cut			0	0	0		Mowing/Sh	rub Cutting	)		0	0	0					
Mine (surface) O O O								Tree Plantation	AND A CONTRACTOR			0	0	0		Trails				0	0	0					
Mine (underground)							Tree Canopy (INSECT)	10.16			0	0	0		Soil Compa (ANIMAL OR H				0	0	0						
Military O O O (W							Church Louise Descripted			0	0	0		Offroad veh				0	0	0							
Other: O O O H							Highly Council Council			0	0	0		Soil erosion (FROM WIND, WATER OR OVERUSE)				0	0	0							
Other: O O O Rec								Recently Burned Forest				0	0	0							0						
Others O O Rece								Canopy  Recently Burned Grassland (BLACKENED)					0	0	VIII.	Other: OOO					•						
Fla	ng codes:	K=1	lo me		Open and a	made	e, U = S	uspect measur	ement.,	F1,F2	, etc.	= mis	c. flag	s assi	Igned b	y each field c	rew.		2428	168	304						
В	uffer Sar	nple I	Plots	05	/27/2			lags in comme	nt sectio	n on 1	ne ba	ick of	this fo	m		PARTY NO		H.	- 120								

				10)	231	QH3	FO	RM B-1:	RIIFE	FP	SAI	MPI	F DI	ОТ	SIE	ront)	PLEASE	Reviewe	d he finis	al)-	HID	
Site	ID: P	-40	4.1	C -	20	- >	FUI	XIVI D-1.	ВОГГ	LK	SAI	AILF	E F		100							
		JIP	W.		25	7		to to to		in h	uibb	lo/s	ifn	lot/s	1 001	ild not be	cample	d	d flac		<del>-</del>	
Locati O AA		_	N	<b>3</b>		01	= 0	w		lot '			Plot			Plot 3	Sample	eu am	u nay		(	
UAA	Center		N	•	3	O i	_ 0	0.12	Buffer	Washington.	100	1000			100 mills	10(3			-		_	
								s; E = Evergre	en. Leaf T	ype: E	3 = Bn	oadlea	f; N = 1	Veedle	e Leaf. A	Absent: No tree oderate(10-40°		ıvy (40-7	5%); 4 =	Very H	łeavy (	(>75%)
Buffer	Canop	у Тур	e: 🧶	) (	) AI	bsen	t: O	Buffer	Canop	у Тур	e: 🕝		) At	sent	: O	Buffer	Canopy	Type:	0 (	D A	bsent	: O
Plot 1	Lea	f Typ	e: 🥨	) (			Flag	Plot 2	Lea	f Typ	e: (	) <u>(</u>			Flag	Plot 3	Leaf	Type:	0 (	<u>J</u> Ę		Flag
Big Trees (>	>0.3m DBH)	0	0	0	<u>(1)</u>	<b>(3)</b>		Big Trees (>	•0.3m DBH)	0	0	0	0	<u> </u>		Big Trees	(>0.3m DBH)	0	<b>D</b>   @		0	
mall Trees (	<0.3m DBH	0	0	<b>②</b>	0	0		Small Trees (	<0.3m DBH	0	0	3	0	0		Small Trees	(<0.3m DBH	0	<b>D</b> C	0	0	
Woody Shrub: (0.5m	s, Saplings -5m HIGH)		0	2	<b>②</b>	0		Woody Shrub (0.5m	s, Saplings 1-5m HIGH)		0	0	0	0			bs, Saplings m-5m HIGH)		<b>D</b> C	0	0	
Woody Shrub: (<0	s, Saplings .5m HIGH)	0	<b>(</b>	0	0	0		Woody Shrub (<0	s, Saplings ).5m HIGH)	0	0	0	0	0	,	Woody Shru	bs, Saplings 0.5m HIGH)		3 0	0	0	
Herbs, Forbs and Grasses O O O O O O									Forbs and Grasses		0	0	0	0			Forbs and Grasses	0	<b>D</b>	0	0	
Bare ground ① ② ② ① ①								Bare	ground	0	Ō	0	0	Ō		Bar	e ground	<b>D</b>		0		
Litter, duff ① ① ② ③ ①								Li	tter, duff	0	Ō	0	0	Ō		L	itter, duff	1=1	3 0	+=	0	
Rock O O O O									Rock	0	0	0	ŏ	$\overline{\odot}$			Rock	+=+	0 0	+=	Ō	
Rock (② ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )									Water	0	0	0	0	$\overline{\odot}$			Water	+=+	0 0		0	
Sı	ubmerged	0	0	0	0	0			ubmerged	(3)	0	0	0	$\frac{\circ}{\circ}$			Submerged	0	0 6		ŏ	
	egetation					$\vdash$	rm that		egetation						unfilled	bubble indic	Vegetation	101			101	<b>(A)</b>
				The same of			mii ulat		of the later		-	16150	Le am	J all I	umeu							
	idential	Brountakand	Special Control	T					Hydrolo			T				To the second se	Agricult				1 1	P
Fill bubble if present - Plot 1 2 3 Fla								Fill bubble			Plot	1	2	3	Flag		ALL ALL AND A SECOND	nt - Pio		2	3	Flag
Road - gravel O O O							Ditches, C Dike/Dam/			is the	0	0	0		Pasture/Ha	у	-55	C	ACC   100.	0		
Road - tw				0	0	0		(IMPEDE FLO	W)			0	0	0		Range			C	and the same	0	
Road - for				0	0	0		Water Lev			icture	0	0	0		Row Crops Fallow Fiel		DECTING	C		0	
Parking Lo		nent		0	0	0		Excavation, Dredging Fill/Spoil Banks					0	0		ROW CROP FIEL	D)				0	
Golf Cour	se	- Lawring		0	0	0		Fill/Spoil B		Sadin	nent	0	0	0		SHRUBS, TRE	C	_	0			
Lawn/Parl				0	0	0		(UNVEGETAT	ED)			0	0	0	,	Nursery					0	
Suburban		itial		0	0	0		Soil Loss/F		osure		0	0	0		Dairy				0	0	
Urban/Mu	ltifamily			0	0	0		Wall/Ripra				0	0	0		Orchard				0	-	
Landfill			12. 4	0	0	0		Inlets, Out Point Sour		Last Hara		0	0	0		Confined Animal Feeding				0	0	
Dumping				0	0	0		(EFFLUENT C	OR STORM			0	0	0		Rural Residential Gravel Pit				0	0	
Trash	-			0	0	0		(SHEETFLOW				0	0	0				-	C		0	
Other:			-	0	0	0		Other:				0	0	0		Irrigation	11105		C		0	
Other:		W Det	200	0	0	0		Other:	To the same			0	0	0		Other:				0	0	
Indu	strial D	evel	opm	ent S	Stres	sor	8						labit	at/V	egeta	tion Stress	ors					
Fill bubble	e if pres	ent - I	Plot	1	2	3	Flag	Fill bubble	if prese	nt - I	Plot	1	2	3	Flag	Fill bubb	le if pres	ent - Pl	ot 1	2	3	Flag
Oil Drilling				0	0	0		Forest Clea	r Cut			0	0	0		Herbicide U	se		C	0	0	
Gas Wells	3	15		0	0	0		Forest Sele	ctive Cut			0	0	0		Mowing/Sh	rub Cuttin	g	C	0	0	
Mine (surface)							Tree Planta	tion			0	0	0		Trails			С	0	0		
Mine (underground)						To the same of	Tree Canop	y Herbiv	ory		0	0	0		Soil Compa			C		0		
Military O O O							Shrub Laye		d		0	0	0				ige			0		
							(WILD OR DON Highly Graz	ed Grass	ses		0	0	0		Sail arraign (FROM WIND WATER				0			
							(OVERALL < HIGH)				200			OKOVERODE/								
Other: 0 0 0							Canopy  Recently Rumod Grassland				0	0	0		Other: 0 0 0							
Other: OOO								(BLACKENED) U U U U U U U U U U U U U U U U U U U							0	1000						
Explain all flags in comm															gned b	y each field c	rew.	2	4281	5830	4	
В	uffer Sar	2011	CH-	STATE WITCH				-	19 15			TVAR -		144			1 1 2 1					