CLEVELAND MET	ROPARKS Plant Community Asses	sment Program	: Quality Control Form
Project Label:	PCAP	_ Plot N	o: 1240 Date Sampled: 719/12 Lead: Barton
			Comment required if item answer is NO
Parking/Access outsic	de of Park Boundaries:	Y N	If yes, write details in Comments section below
Field journals comple		Y N	
Site sketch made on 1		Y) N	
Check cover page	X-axis Bearing of plot recorded	N N	
	GPS coords. Recorded	(Ý) N	
	North direction recorded	(y) N	
	Photographs taken?	N N	
Plot No., Date agreem		Y) N	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Header data complete		Y) N	
	d in all Intensive modules	Y) N	
Browse Level By Spe		Y N	
Woody stem quality c		(Y) N	
Invasive plant quality		Ø N	
Ash trees mapped	Total of the A	Y N	IN/A
Cover by Strata? (con	firm cover type)	Ø N	11//
	with matching plot #.	(Y) N	<u> </u>
	latasheet with initials and number	YN	N/A
Vouchers labeled on c		Y (N)	MA
Pink flags removed	concentration dag	Y (N)	17/1-1
Data sheet QA before	leaving cite?	Y N	***
Common equipment r	*	Y) N	
Data sheets scanned?	eturned to tub.	U N	Enter data to log
Final data sheets scan		1	Enter date to left
		Y) N	Enter date to left
Buffer Widths measur	ed?	750	ATV 2 42 (20)
Web Soil Survey			ATY 7-13-2012
Voucher Location	Refrigerator	Y N	
( # vouchers collected)	Press (#)	1	Enter number to left
	Drier	Y N	
	Identified	Y N	
	Mounted	Y N	
	Thrown away	Y N	
GRTS point verificat	tion: Is plot sampleable?		
¥ Yes	Original GRTS point is sampleable		
□ No	Original GRTS point lands in a non-	sampleable area	(fill in category below)
	□ Point falls in a water (i.e. river, i	ake)	
	☐ Managed mowed area (i.e. golf	ourse, picnic area, ri	ight-of-way)
	☐ Paved area (i.e. parkinglot, road) ☐ Unsafe to sample (i.e. steep slope	`	
	☐ Unsafe to sample (i.e. steep slope ☐ Other	1	
Additional Comment			
Act Sall	harvm in mod 4 on	woody st	tems, 122,5 is cont. in morgin.

Plot Name: Tip-tel Snit CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet Plot No.: /2 40 GENERAL INFORMATION vascul. Project Name: 0/5 C20/2 Project Label: Minimum required fields in Bold and Underlined TAXONOMIC STANDARD lichen TAXONOMIC ACCURACY Accurate SAMPLING QUALITY\* PLOT NOT SAMPLED: Date (mm/dd/yyyy): Very thorough Perm. water \* Reles: Ce-leader, Asst., Guide, Owner, Taxonomist, etc. \uthority: end date (if > 1 day): Level 4 (no nested corners sampled) Level 5 (nested corners sampled LOWIS ☐ Paved ☐ Slope ☐ Safety G&C modera. how much effort put into subjective evaluation of may still provide good sampling. Hurried plots Pub Date: Role\*\* Plot leader low □ Other not smp n/a 1998 Local Place Names: The Arbertum LOCATION Plot placement: YGRTS Camera No.: 4 Plot size for cover data: O, GPS location in plot x=0 to 5, y=-1,0,+1): Datum: ■ NAD83/WGS84 □ NAD27 Coordinate system: Check one: b Public data Data Confidentiality: Landowner: L/M Depth: (1-5): 4 GPS File Name: 1240 A ■ Lat/Long □ UTM □ StatePlane If data not public why? Reason: □ Fuzz 100m □ Fuzz 250m □ Fuzz 500m Quadrangle: Coord. Accuracy: om of Photo Nos.: ntensive modules: 2, 3, 8, 9 ongitude: -81. Random 

Stratified Random 

Transect component \*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: (base of plot x=0, y=0) □ Private Data County: Representative ■ deg 🗆 deg min Coord. Units 100% 261 EDIT IF MODIFIED (hectares) Veg. Char. Canopy: Liriodenden tulipitera, Aver Norum, sacharum, Shrub: Aver Sacharum, prunus seretino, Fagus grandi telia, carpinus caroliniana, lindena bonzoin, Location: Park at South Choosin Arboretum, walk NW 100m. Plot is 5m in from mowed area on Layout: 2x5 dominants, strata, BROWSE). Additional notes in space on back. content), Rationale (why here), and Veg Characterization (description of community, NOTES: Include Layout (any unusual shape details), Location (directions and landscape 1997PA Rationale: GRTS Arbor Lane. #10 22 Herbi Smilax retunditolia, Aver scedlings, Moiontherwon conadense, Liriodendran tulipi tera #2 #9 4 #8 4 Ť #7 (P) Glassiand Matropolic Page 1 of 2 permanent posts OVER #5 #6

CLEVELAND ME: Project Label: Total modules:	CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet 2a Project Label: PCAP Project name: <u>のらくよって</u> Total modules: して Plot configuration	nent Program Specie Project name:	25 Cover Data 0/5/22012	Data S	Data Sheet 2a Plo Plot configuration:	Plot no.:	0.174 174	1240 1240		Р	ot ares	Page Plot area (ha):	0.  -	9	1/2	
Cleveland Metroparks	Br = Browse Level. Use cover classes to describe amount of browse per species over entire plot		APO COV Conner	depth Pod	cov depth	DNO CON T COUNTRY	depth cov	⊥ ⊥ ⊥ depth mod	cov depth	appth cor	cov depth	2 NO 0 68 T 80	depth c	cov de	depth cov	
T S H (F)(A) Br	3r Species	C Voucher#	depth cov	3	cov depth	<	depth cov	depth	cov 1 depth	_	cov depth	COV	-	cov	depth cov	< [1]
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7	Berberis thunbergii			7	3	12					- STATE					
5,40	& Quercus rubra			3	6	6+		4	5							
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CLEVELAND M Project Label:	CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet 2a Project Label: PCAP Project name: つりとつの	nent Program Species Cover Dat Project name: のんくこのに	s Cover Data S ン(くつりえ	neet 2a Plot no.: 1240	1240	9	Page L of	<b>&gt;</b>
Total modules:		Intensive modules:	Plot co	Plot configuration:		Plot area (ha):	(ha):	
<b>③</b>	Br = Browse Level   Use cover classes to	Estimate for each intensive module:	mod corner mod corner  1 C( 2 2  depth cov depth cov	rer mod corner mod	cov depth cov	corner mod	comer mod comer  4 Q 2  cov depth cov	mod corner R R depth cov
Cleveland Metroparks	describe amount of browse per species over entire plot	%open water %unvegetated open water						
Strata - Cov. entire plot	plot	%unveg. ground (bare soil) %unveg. litter (bare litter)				1		
T S H (F)(A) Br	Br Species	c Voucher#	depth cov depth cov	v depth cov depth	cov depth cov	depth cov depth	cov depth cov	depth cov
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	Forfanys Vitainiana							<u>ک</u> 
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Project Label: PCAP	CLEVELAND METROPARKS Plant Community Ass
Project Name: 0/50/240	sessment Program Natural Woody Stem I
Plot No.: 1240	dy Stem Data Sheet
Page:	
으	
V	(P) Surveigned Metroparks

				ı											
		0-1.4m	% sub or super	shrub #	SIZE CIAS	size class (cm) woody stems >1.4m	dy stems	:.4B	On .	o o	7	Co	9	i	<del>-</del>
mod# species c	voucher#	browsed		clumps	<u>7</u>	1-<2.5	2.5-<5	5-<10	10 - <15	15 - <20	20 - <25	25 - <30	30 - <35	35 - <40	>40 (record each tree)
1 Liriodendron tulipitera		. 1													42.7,49.8
1 Acer rubrum						•		::	•		•				
1 Standing Dead						• :			•						
1 fagus granditolia						•	••		101						
1 Acer saccharum		•			π	図図	•			-					
1 Acer platanoides						•		STATE OF THE PARTY							
1 Fraxinus pennsylvanica						•									
1 Carya sp.						•									
2 Liviodendron tulipifera		•					•••								<b>48.4</b>
2 Acer saccharum						公司以	₩.	••							
2 Standing Dead				ď.	п			٠							
									90						
2 Acer rubrum								•							
2 Lindera benzoin															
2 Fraxinus pennsylvania							•								
2 Berberis thunbergii				**											
2 Smilax rotunditalia		77													
2 Rosa multiflora		•									re.				
3 Fraxinus pennsylvanica						1.0					- 2				
3 Lindera benzoin			••												B
3 Acer rubrum		·				•									115.3
3 Standing Dead						•:									XI.
3 Acer saccharum		٠	• •	•	•	• •	;								
3 Querous rubra		•				•			•						

Project Label: PCAP	CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Shee
PCAP	Community
Project Name: 01SC 2012	Assessment Program N
01SC 2012	latural Wood
	V Stem Da
Plot No.	ita Shee

Project Name: 01SC 2012

Plot No.: 1240

Page: 2

Surveignd Metroparity

## CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet Project Label: PCAP

Project Name: 01 Sc 2012

Plot No.: 1240

Page: W

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Cleveland Metriparks

mod # S S Ŋ S S U B Cratacqus sp. Smilax rotundifolia Magnolia acuminata Explain subsample (additional room on back) Acer rubrum Standing Dead Acer Saccharum Prunus serotina species voucher# # stems browsed sample 0-1.4m or super % sub shrub clumps # size class (cm) woody stems >1.4m P^1 1-<2.5 2.5-<5 5-<10 10 - <15 ch 15 - <20 ø 20 - <25 25 - <30 30 - <35 35 - <40 10 72.5 1.74 >40 (record each tree) 1

277-	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	00000000	000000	271-	71-	7-	Č	2	7	7	7	1	7	7	8	6	6	8	6	6	6	mod #				CLE
S S S S	aegu sco			25		Forgus a randifolia	Liri odendron tolipite	Carya cordifornia	Acer rubrum	Cretaens sp.	Quercus rubra	Prunus serotina	Smilax robundiblia	Carpinus carplinia	-23	Standing dood	Smitax rotundiblia	7	Acer sacharum	Fagus granditolia	Standing dood	Prunus scroture	Carpinus caroliana	species		Explain subsample (additional room on back):	Project Label:_	CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet
		>	2				era	5						ana				ナ						c voucher#		back):	PCAP	Community
			83			6			¥	80			•		•		- 9	•		:1				browsed	# stems			Assessn
																								sample			Project	nent Pro
					os di			7717-2																clumps			Project Name:	gram Na
			•	.0 %	•									9 0	'u .						•			<u> </u>	size class (cm) woody stems >1.4m		5	itural W
			,		:1					:1			9		6 D									1-<2.5	m) wood)		SC 2012	oody Si
				9	10.70		4				/ ' <b>•</b>	9		3	*					• 8	•	2.0	0 9	2.5-<5	/ stems >1			tem Dat
	-					0			•		•				© #			a			*		•	5-<10	.4m		Plot No.:	a Sheet
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		1																						15 - <20	,		0	'
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																•								35 - <40			5	Strewell
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Project Label: PCAP Project Name: OISC2012 Plot No.:	ΔP	Project Name:	01 50	SC 2012		Plot No.: 1240	140		Page:	4	≗   <del>{</del>	S	U
Explain subsample (additional room on back):											e i i		
mod # species c voi	# stems 9 0-1.4m or voucher# browsed s.	% sub # or super shrub	size class (	cm) woody 1-<2.5	stems >1.4	<del>-</del>	5 15 15	15 - <20 20	7 20 - <25   25	8 25 - <30 30	9 30 - <35   35	10	11 >40 (record each tree)
Purus sp.	*					$\overline{}$		$\rightarrow$	_	_	-	$\dashv$	
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9 Fraxinus sp.					10				egas.				
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10 Acer saccharum			4 0	四四四	+								
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CLEVELAND METROPARKS Plant Community Assessment Program - Plant Cover and Earth Surface

Project Label: PCAP Project Name: 015 C 2012

Plot No .: 1240

(P) (Disease) and Metropainton Page: 1 of 1

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

+45 degrees

Æ

horizon. TSI is plot to the LFI is angle of

At aspect

z

Module # STANDING BIONIASS (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 C?

 CLASSIFICATION			
(FIT = excellent g Fit and Confidence			
Hydrozeomorphic class (WETLANDS ONLY):			
□ DEPRESSION	Fit#	Conf=	
□ IMPOUNDMENT □ Beaver □ Human	7	Conf=	
DRIVERINE Difendwater DMainstem DChannel	FILE	Conf=	
□ SLOPE (ground water hydrology or on a physical stop)	T T	Conf=	
□ FRINGING □ Reservoir □ Natural Lake	Fit	Conf=	
COASTAL (specify subclass)	Fig	Conf=	
BOG (strongly, moderately, weekly ombrotrophic)	Fit	Conf.	
Ohio EPA YIBI Plant Community Class (WETLANDS ONLY):	Ë		
□ FOREST □ swamp forest □ bog forest □ forest seep	7	Conf=	

# MICROTOPOGRAPHIC FEATURE COUNTS - Intensive modules only

o SHRUB o shrub swamp o tall sh. bog o tall sh. fen □ EMERGENT □ marsh □ wet meadow □ open bog

Film

Conf-

Slope 1 = slight elevational grade across module (hill) anks 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 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

-	ڡ	00	حی	2	mod#					
					corner					
	0	0	0	0	(count)	lxim	depth 3		tussocks	no. of
	C	0	0	0	(count)	3.16x3.16m	depth 2	uplands (Tip-Ups)	hummocks	no, of
	-	7	2	2	(count)	10x10m	depth 1		depressions	no. macro
	- 1	8	10	7	(count)	10x10m	depth 1		(2-12 cm)	c.w.d
	w	w	-	-	(count)	10x10m	depth 1		(12-40cm)	c.w d
	C	0	0	0	(count)	10×10m	depth I		>40 cm	c.w.d
	W	3	w	(A)	(rank)	10x10m	depth 1		interspers	microhab
	C	0	0	a	(rank)	10×10m	SLOPE			microhab

andform Index (position within landscape)	+315 degrees	+270 de grees	+225 degrees	+180 degrees	+135 degrees	+90 degrees
on within landso	WN	W	SW	S	SE	E
cape)						
		away dama	eve of person	recorders eye to	TSI measure	angles formed by

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

												٦
9		æ		<i>\</i>	2	2	9	œ	ω	2	Nodule	corresonding space (4 dots per grid square)
2	_	w	w	_	W	v	ナ	7	2	Ŀ	z	pace (4 dots)
-	0	0	_	_	_	N	_	C	_	2	ro.	per grid squa
	w	سا	¥	2	Ŋ	1	_	3	2	1	লে	are)
2	2	ص	2	_	_	7	12	7	2	2	*	
	9 2 1 1 2	9 2 1 1 2	2 - 0 3	2 - 3 3 - 3	2 - 0 3 3 2	2 - W W - W - W - W - W - W - W - W - W	2 3 - 2 4 2 3 - 1 2 3 3 - 2 4 3 3 - 3 4 3 3 - 3 5 4 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	0	0	2 2 1 2 1 2 1 2 2 1 2 2 2 2 1 2 2 2 2 2	9 - 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	9

Page: 1 of 1

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

### Soll pit module # 3 (one per entire plot)

5 cm	matrix color 104 R 3/2	
	mottle color MONC	
	%mottle 0	
	oxid roots Y	
	texture* 2_	
	redox features** . Y	
	hydr. cond.*** ISM(D)	
20 cm	matrix color 2.5Y H/H	
	mottle color Nova	
	%mottle ()	
	oxid roots Y	
	texture* 2	
	redox features** Y	

\* refer to texture classes on reverse side SMD

hydro, cond.\*\*\*

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

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

No Enthroms of

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

	Soil Collection Module Horizon (A, B, C)	
	2,3,8,9 composited A	
	Weeks III was a landanida weeks	
	Soil Series/Type: Wadsworth Silt 10	Cam
	Soil Series Source: Ohio Soil Survey	
	Landform type: Knoll S	
ă.	Depth to rest. Layer: > 80 in che's	
	Parent Material: T///	
ú	NAME OF THE OWNER OWNER OF THE OWNER	
	□ Excessively dr □ Somewhat excessively	
	Well drained Moderately well dr	
	Somewhat poorly dr. Dery poorly dr.	
	a Impermeable surface	

#### AJY 7-13-20L

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

9	œ	3	2	mod#
1	2	1.7	2.5	1 litter+ organic depth (cm)
I	2	1.7	2.5	2 litter depth (cm)
0	0	Ò	0	water depth (cm)
> 30	730	730	<b>%</b> 0	depth sat soil (cm)

**** <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
meter	ieter	in	: 1/16-10"	0	2	2	96	0	percent	Surface*	CE & GROUN
Other	Road/Trail:	Bare Soil	Water	Bryophyte- Lichen	Duff (Ferm. + Humus)	Litter	Fine Woody Debris***	Coarse Woody Debris***	(Each ≤ 100%)	Ground Cover	D COVER
0	0	<del>'</del>	0	1	0	48	N	4	percent		

* rooted and fid	(Aquatic)*	(Floating)*	Herb	Shrub	Tree	Strata	COVER BY STRATA estimate using midpoi
* rooted and floating or slightly emersed ** submersed, most plant mass below surface	1 .	1	x .0,5	0,5.5	5- X	Height Range (m)	COVER BY STRATA estimate using midpoints of 5,ex:3, 8, 13
rsed w surface			<b>∞</b> 2	98	88	Total Cover (%)	,ex:3, 8, 13

TRAIL INFORMATION:	
record type and cover for each	ach
Туре	%Cover
□ All Purpose	
□Bridle	
□ Hiking sanctioned	
Bootleg unsanctioned	
□ Gravel	
□ Deer	
200	

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

#### Cleveland Metroparks CLEVELAND METROPARKS Plant Community Assessment Program: Invasive Species Survey Tier 1: Early detection/ Rapid response Presence GPS 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 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 Purple Loosestrife 4: 101-1,000 (wetland) Aegopodium podagraria (G-cover) Bishop's Goutweed 5: >1,000 Celastrus orbiculatus (vine) Asian Bittersweet Torilis sp. Hedgeparsley Conium maculatum Poison Hemlock Rhamnus cathartica Common Buckthorn (shrub) (shrub) 2 Berberis thunbergii Japanese Barberry Alnus glutinosa European Alder Dipsacus laciniatus Cut-leaf Teasel Autumn Olive (shrub) Elaeagnus umbellata Amur Honeysuckie (shrub) Lonicera maackii Euonymus fortunei Wintercreeper Tier 3: Presence is of Interest # of Plants comments NE SE SW NW # of Plants Convallaria majalis (G-cover) Lily of the Valley 1: 1-10 Coronilla varia (G-cover) Crown Vetch 2: 11-50. (shrub) Eleutherococcus pentaphyllus Five-leaf Aralia 3: 51-100 Japanese Pachysandra 4: 101-1,000 Pachysandra terminalis (G-cover) Mock Orange (shrub) 5: >1,000 Philadelphus coronarius Pulmonaria officinalis (G-cover) Lungwort Rubus phoenicolasius Wineberry (wetland) Yellow Flag Iris Iris pseudacorus Ornithogalum umbellatum Star of Bethlehem Viburnum opulus var. opulus European Cranberry (shrub) Viburnum plicatum Doublefile Viburnum (shrub) Tier 4: Widespread and abundant Presence comments SW NE SE NW Presence Alliaria petiolata Garlic Mustard X: yes Ligustrum vulgare Common Privet (shrub) **Bush Honeysuckles** L. morrowii, L. tatarica (shrub) Phalaris arundinacea Reed Canarygrass Phragmites australis (wetland) Phragmites Polygonum cuspidatum Japanese Knotweed 2 Glossy Buckthorn (shrub) Frangula alnus Rosa multiflora Multiflora Rose (shrub) Typha angustifolia, T. x.glauca Cattails (wetland) Canada thistle Cirsium arvense Dipsacus fullonum Common Teasel

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

(G-cover)

Dame's Rocket

Periwinkle

Hesperis matronalis

Vinca minor

FORM B-1:									BUFF	ER	SAI	MPL	E PI	LO1	rs (F	ront)	1-0 0	Review	ed by	(initial)	:	_ (	0
Site ID: PCAPSC1240														DATE	0 7	109	1	2	0	1	2		
Location		<u>Urti</u>	187	7: 17				(and in	Fill	in b	ubb	le(s	if p	lot(s	s) cou	ıld not be	sample	d a	nd fl	ag -	<b>→</b>		T
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								s; E = Evergre n strata type fo										vy (40	-75%);	4 = V	ery H	eavy (	>75%)
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Big Trees (>	0.3m DBH)	0	0	(2)	0	<b>③</b>		Big Trees (>	0.3m DBH)	0	0	<b>②</b>	<u></u>	0		Big Trees	(>0.3m DBH)	0	0	2	0	0	
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Woody Shrubs		0	<b>()</b>	2	3	0		Woody Shrubs		0	0	2	0	0		Woody Shru	ibs, Saplings <0.5m HIGH)	0	0	2	0	0	
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Bare	ground	0	<b>(</b>	0	<u> </u>	0		Bare	ground	0	0	(2)	0	0		Bar	re ground	0	0	0	0	0	
Litt	ter, duff	0	0	2	<u> </u>	<b>(3)</b>		Lit	ter, duff	0	0	0	0	0		L	itter, duff.	0	0	0	0	0	
	Rock	0		2	0	0			Rock	0	0	2	0	0			Rock	0	0	0	0	0	
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	bmerged egetation		0	2	<u> </u>	0			bmerged egetation	0	0	<u>(1)</u>	0	0			Submerged Vegetation	0	0	0	0	0	
		sence	e/Ab	senc	e - (	Confi	rm that	a filled data		ndica	tes pi	resen	ce and	d an	unfilled			nce t	y filli	ng thi	s bub	ble.	0
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Fill bubble	if prese	ent - l	Plot	1	2	3	Flag	Fill bubble	if prese	ent - F	Plot	1	2	3	Flag	Fill bubble	e if presen	t - Pl	ot	1	2	3	Flag
Road - gra	evel	15/2		0	0	0		Ditches, Cl	nanneliza	ation		0	0	0		Pasture/Ha	Pasture/Hay			0	0	0	
Road - two	lane			0	0	0		Dike/Dam/Road/RR Bed (IMPEDE FLOW)					0	0		Range				0	0	0	
Road - fou	ır lane			0	0	0		Water Level Control Structure					0	0		Row Crops					0	0	
Parking Lo	ot/Pavem	nent		0	0	0		Excavation	, Dredgir	ng	316	0	0	0		Fallow Field (RECENT-RESTING ROW CROP FIELD)				0	0	0	#
Golf Cours	se			0	0	0		Fill/Spoil Ba				0	0	0	Fallow Field (OLD - GRASS, SHRUBS, TREES)				0	0	0		
Lawn/Park				0	0	0	,	Freshly De (UNVEGETAT		Sedim	ent	0	0	0	= 1	Nursery				0	0	0	
Suburban	Residen	tial		0	0	0		Soil Loss/F	Root Expo	osure		0	0	0		Dairy				0	0	0	
Urban/Mul	tifamily			0	0	0		Wall/Riprar	)			0	0	0		Orchard				0	0	0	
Landfill				0	0	0		Inlets, Outl				0	0	0		Confined A	A CONTRACTOR OF THE PARTY OF TH	ding	115 (1)	0	0	0	
Dumping				0	0	0		(EFFLUENT O	R STORMV			0	0	0		Rural Resid	dentiai			0	0	0	
Trash	7			0	0	0		(SHEETFLOW				0	0	0	-	Gravel Pit				0	9	0	
Other:	100			0	0	0		Other:		_		0	0	0		Irrigation Other:			-	0	0	0	
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	strial Do															tion Stress							
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Oil Drilling				0	0	0		Forest Clear	Cut			0	0	0		Herbicide U	10-1-1-1-1			0	0	0	
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Mine (surfa	ace)			0	0	0		Tree Plantal		201		0	0	0		Trails Soil Compa	ection			0	0	0	
Mine (unde	erground	1)		0	0	0		(INSECT)			The second	0	0	0		(ANIMAL OR H				0	0	0	
Military				0	0	0		Shrub Layer (WILD OR DOM	ESTIC)			•	0	0		Offroad veh				0	0	0	
Other:			_	0	0	0		Highly Graze		0	0	0		Soil erosion (FROM WIND, WATER, OR OVERUSE)			IER,	0	0	0	-		
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Other:				0	0	0		Recently Bu (BLACKENED)	med Gra	sslar	nd	0	0	0		Other:				0	0	0	
Fia	ag codes:	: K = 1	No me	asure	ment	made	e, U = S	uspect measu	rement.,	F1,F2	2, etc.	= mis	c. flag	s ass	igned b	y each field c	rew.		2428	3168	304		

Buffer Sample Plots 05/27/2011

FORM B-1									BUFF	ER	SAI	MPL	ΕP	LOT	S (F	ront)		Review	ed by (	initial):		_ (	0
Site I	Site ID: PCAPSC1240  DATE: 0 7 1 0 9 1 2  Location: Fill in bubble(s) if plot(s) could not be sampled and fi													2	0	1	2						
Location			- 14	1			u in	and was	Fill	in b	ubb	le(s	) if p	lot(s	s) cou	ıld not be	sample	ed ar	nd fla	ag -	→		
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Fill in bubble Strata Section	es for all th	hat app	ply: Ca	nopy	Type:	D = D	eciduou for eac	s: E = Everare	Buffer en. Leaf 1 or each plo	Type: E	3 = Br	oadlea	f: N =	Needle	e Leaf. A	Absent: No tree	e canopy. %): 3 = Hea	vv (40-	75%):	4 = V	erv He	avv (	>75%)
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imall Trees (<	0.3m DBH	0	0	2	3			Small Trees (	<0.3m DBH	( )	0	0	9	0		Small Trees	(<0.3m DBH)	0	0	0	•	0	
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Herbs, Forbs and Grasses 2 2 3 0						Herbs, Forbs and Grasses					0	0		Herbs, Forbs and					Ō	0			
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	Water		0	2	0	0			Water	<b>(</b>	0	0	0	0			Water		0	0	0	0	
	bmerged egetation	<b>()</b>	0	<b>②</b>	3	0			ibmerged egetation		0	0	3	0			Submerged Vegetation	9	0	2	0	0	
Stress	or Pres	senc	e/Ab	senc	e -	Confi	rm that	a filled data bubble indicates presence and an unfilled								vegetation C C C							
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Fill bubble	if pres	ent - I	Plot	1	2	3	Flag	Fill bubble if present - Plot					2	3	Flag	Fill bubble	e if preser	ıt - Pi	ot	1	2	3	Flag
Road - gra	ivel			0	0	0		Ditches, Channelization				0	0	0		Pasture/Ha	ıy			0	0	0	
Road - two	lane			0	•	0	2	Dike/Dam/Road/RR Bed (IMPEDE FLOW)				0	0	0		Range				0	0	0	
Road - fou	ır lane		194	0	0	0		Water Lev	el Control Structure			0	0	0		Row Crops				0	0	0	
Parking Lo	t/Paven	nent		0	0	0		Excavation	, Dredgi	ng		0	0	0		Fallow Fiel	d (RECENT-I	RESTIN	IG	0	0	0	
Golf Cours	se	A second		0	0	0	4	Fill/Spoil B	anks			0	0	0		Fallow Fiel SHRUBS, TRE		ASS,		0	0	0	
Lawn/Park			50	0	0	0	6	Freshly De		Sedin	nent	0	0	0		Nursery		An I		0	0	0	
Suburban	Residen	ntial		0	0	0		Soil Loss/F	Root Exp	osure		0	0	0		Dairy	314	5,511		0	0	0	
Urban/Mul	tifamily			0	0	0		Wall/Ripra	р			0	0	0		Orchard		IV i		0	0	0	
Landfill				0	0	0		Inlets, Out	lets			0	0	0		Confined A	nimal Fee	ding		0	0	0	
Dumping			K	0	0	0		Point Sour		WATER	2)	0	0	0		Rural Resid	dential		58	0	0	0	
Trash				0	0	0		Impervious (SHEETFLOW	surface			0	0	0		Gravel Pit		0.		0	0	0	
Other:			***	0	0	0		Other:				0	0	0		Irrigation			dina (	0	0	0	
Other:				0	0	0		Other:				0	0	0		Other:		20000		0	0	0	
Indus	strial D	evel	opm	ent S	Stres	sor	5						Habi	tat/V	egeta	tion Stress	sors						HO LA
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Oil Drilling			42	0	0	0		Fill bubble if present - Plot Forest Clear Cut					0	0		Herbicide U	lse			0	0	0	
Gas Wells OOO					Forest Sele	ctive Cut	l		0	0	0		Mowing/Sh	rub Cutting	9		0	•	0				
Mine (surface)						Tree Planta	tion			0	0	0		Trails				•	0	0	l		
Mine (underground)						Tree Canop (INSECT)	y Herbiv	огу		0	0	0		Soil Compa (ANIMAL OR H				0	0	0			
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Other: O O O				Highly Crozed Crosess				0	0	0		Soil erosion (FROM WIND, WATER OR OVERUSE)			TER,	0	0	0					
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Fiag codes: K = No measurement made, U = S					= Suspect measurement., F1,F2, etc. = misc. flags assigned by each field crew. all flags in comment section on the back of this form																		
						iain ali f	ags in comm	ent section	on on	the ba	ack of	this fo	orm		et confide			0	_ 55		1		

Site	ıD· a		Alexander of the second		82	13	FOI	RM B-1:	BUFF	ER	SAI	VIPL	ΕP	LO1	Contract of	The same of		eviewed by			<u> </u>	•	
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								s; E = Evergre		ype: E	= Br	oadlea	f; N =	Needl	e Leaf. A	Absent: No tree canopy. oderate(10-40%); 3 = Heavy (40-75%); 4 = Very Heavy (>75%)							
Buffer	Canopy	у Тур	e: 🍕	) (	) AI	bsen	t: O	Buffer	Canop	у Тур	e: 🌘	•	) AI	bsent	t: O	Buffer	Canopy	Type: 🌘	(	) Ab	sent	0	
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Big Trees (>	0.3m DBH)	0	0	2	3			Big Trees (>	0.3m DBH)	0	0		0	0		Big Trees	(>0.3m DBH)	0   0	0		0		
Small Trees (<	0.3m DBH)	0	0	<b>(3)</b>	0	0		Small Trees (	<0.3m DBH	0	0	<b>(S)</b>	3	0		Small Trees	(<0.3m DBH)	$0 \mid 0$		0	0		
Woody Shrubs (0.5m-	, Saplings 5m HIGH)	0	<b>(</b>	2	3	0		Woody Shrub (0.5m	s, Saplings -5m HIGH)		0	(2)	<b>9</b>	0			ıbs, Saplings im-5m HIGH)	00	<b>(</b>	0	0		
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	orbs and Grasses	0	<b>(3)</b>	2	0	0			orbs and Grasses	-	0	0	<b>(4)</b>	0			Forbs and Grasses	00	0	0			
Bare ground				0	0	0		Bare	ground	0		2	0	0		Bar	e ground	<b>6</b> 0	(2)	0	0		
Litter, duff				(1)	0	0		Lit	ter, duff	0	0	<u>•</u>	3	$\overline{\odot}$		L	itter, duff	0 0	0	Ō	Ŏ		
				0	0	0	0 -		Rock	<u>O</u>	$\frac{1}{2}$	2	3	0			Rock	<b>9</b> 0	2	0	ŏ		
								Water		$\frac{\circ}{\circ}$	0	0	$\frac{\circ}{\circ}$	-		Water		(2)	0	0	•		
	Submerged O O O								ibmerged				_	_			Submerged	<b>O</b>	0	0	<u></u>		
Vegetation Vegetation Stressor Presence/Absence - Confirm that						rm that	Vegetation Vegetation														0		
													cc an	u an	unmed								
a sept a leave of	dential	HOUSE		T					Hydrology Stress			T					Agricultu						
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Road - two				0	0	0	- 1	(IMPEDE FLO	W)			0	0	0		Range	0.00		0	0	0		
Road - fou				0	0	0			el Control Structure			+ -	0	0		Row Crops		ESTING	0	0	0		
Parking Lo		ent		0	0	0		Excavation	ng		0	0	0		Fallow Field (RECENT-RESTING ROW CROP FIELD)  Fallow Field (OLD - GRASS,			0	0	0			
Golf Cours				0	0	0		Fill/Spoil B	anks posited Sediment			0	0	0	107	SHRUBS, TREES)			0	0	0		
Lawn/Park				0	0	0		(UNVEGETAT	ED)			0	0	0	00	Nursery			0	0	0		
Suburban	AND AND ADDRESS OF	tial		0	0	0		Soil Loss/F		osure		0	0	0		Dairy	MILITARIUS.		0	0	0		
Urban/Mul	tifamily			0	0	0		Wall/Ripra				0	0	0		Orchard	and the state of t		0	0	0		
Landfill				0	0	0		Point Sour				0	0	0		Confined A Rural Resid	whicher Albert	iing	0	0	0		
Dumping				0	0	0		(EFFLUENT C	RSTORM	VATER	)	0	0	0		Gravel Pit	Jeriuai		0	0	0	1	
Trash		Land out	-	0	0	0		(SHEETFLOW	0			0	0	0					0	0	0		
Other:				0	0	0		Other:				0	0	0		Imigation			0	0	0		
Other:			0 30	0	0	0		Other:	-			0	0	0		Other:	and Control		0	0	0	85-H	
Indus	strial D	evelo	opm	ent S	stres	sor	S						Habit	tat/V		tion Stress	sors						
Fill bubble	if prese	ent - F	t - Plot 1 2 3 Flag Fill bubl						if prese	nt - I	Plot	1	2	3	Flag	Fill bubb	le if prese	nt - Plot	1	2	3	Flag	
Oil Drilling								Forest Clea	r Cut			0	0	0		Herbicide U	lse		0	0	0		
Gas Wells OOO						Forest Sele	ctive Cut			0	0	0	,	Mowing/Shi	rub Cutting		•	0					
Mine (surface)					Tree Planta	tion			0	0	0		Trails			0	0	•					
Mine (underground)				0		Tree Canopy Herbivory				0	0	0		Soil Compa	iction		0	0	0				
				0	0		Shruh Lover Browsed			•	•	0	0.00	(ANIMAL OR HUMAN) Offroad vehicle damage				0	0	2			
				0		Highly Graz	ed Grass	ses	21	0	0	0		Soil erosion (FROM WIND, WATER			0	0	0				
					(OVERALL <3" HIGH) Recently Burned Forest				0	0	0		OR OVERUSE) Other:				0	0					
Other: 0 0 0					Canopy Canopy				100000								7-0						
Other: OOOO					. 11-0	(BLACKENED)					O O O Other:				0	0	0	100					
Fiag codes: K = No measurement made, Expla Buffer Sample Plots 05/27/2011								uspect measi lags in comm							igned b	у сасп пею С	ow.	242	8168	3304			
В	urrer San	npie l	riots	05	121/2	ZU11	1/4/2015		100							100 100	120127	- Curk	100	-	777		

																						8-15	
FORM B-1: BUFFER SAMPLE PLOTS (Front)  Reviewed by (initial):																							
Site ID: PCAP SC 1240 DATE: 0 7/09/2012																							
Locati	on:		Fill in bubble(s) if plot(s) could not be sampled and flag →																				
OAA Center ON OS OE O								W	W O Plot 1 O Plot 2 O Plot 3														
Cill in bubble	for all th	hat an	olu: Co		T	D = C	\aaidua.	a. E = Eucono	Buffer							Negat: Na tra	n canony						
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 = Very Heavy (>75%)														>75%)									
Buffer Canopy Type: (a) (5) Absent: (							t: ()	Buffer	Canopy	nopy Type: 🜘			(E) AI		: ()	Buffer	e: 🕞	(E)	) At	bsent: (0			
Plot 1 Leaf Type: (			Flag			Flag	Plot 2	Leaf Type: @		) (	0		Flag	Plot 3 Leaf Type: ①							Flag		
Big Trees (>0.3m DBH)			2	0	0		Big Trees	>0.3m DBH)	0	0	2	3	<b>@</b>		Big Trees	(>0.3m DBH)	0	0	2	0	0		
small Trees (<0.3m DBH)				2	0	0		Small Trees (<0.3m DBH)				2	<b>(</b>	0		Small Trees (<0.3m DBH)					0	0	
Woody Shrubs, Saplings (0.5m-5m HIGH)			2	3	0		Woody Shrubs, Saplings (0.5m-5m HIGH)					0	0		Woody Shrubs, Saplings (0.5m-5m HIGH)					0	0		
Noody Shrubs	s, Saplings .5m HIGH)		0	2	3	0		Woody Shrubs, Saplings (<0.5m HIGH)					0	0		Woody Shrubs, Saplings (<0.5m HIGH)					0	0	
	orbs and Grasses	_	0	2	①	0		Herbs, Forbs and Grasses				<b>(</b>	0	<u> </u>		Herbs, Forbs and Grasses					0	0	
Bare	ground	0	<b>(b)</b>	2	3	0		Bare ground ① ⑩				0	3	0		Bare ground ( )				2	0	0	
Lit	ter, duff		0	<b>②</b>	3	(3)					0	0	0	<b>(</b>		Litter, duff 🕡 🕦				2	0	0	
	Rock		0	2	①	0			Rock	<b>(a)</b>	0	0	0	0			Rock	0	0	2	<u>3</u>	0	
	Water	0	0	2	3	0			Water	(6)	0	2	0	0			Water	<b>(</b>	0	0	<u>(1)</u>	0	
	bmerged egetation	<b>(b)</b>	0	<b>②</b>	0	0			ubmerged /egetation	(1)	0	0	0	<u> </u>			Submerged Vegetation	<b>(4)</b>	0	2	①	0	
Stressor Presence/Absence - Confirm that													ce an	d an	unfilled				by filli	ng thi	is bub	ble.	0
Resi	dential	and	Urba	an Si	tress	sors		Hydrology Stressors							Agricultural & Rural Stressors							The state of	
Fill bubble	if prese	ent - F	Plot	1	2	3	Flag	Fill bubbl	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/Hay				0	0	0	
Road - two	lane		47.44	0	0	0	1	Dike/Dam/Road/RR Bed (IMPEDE FLOW)					0	0		Range				0	0	0	
Road - fou	ır lane		16.8	0	0	0		Water Level Control Structure					0	0		Row Crops				0	0	0	
Parking Lo	ot/Paven	nent		0	0	0	:	Excavation, Dredging					0	0		Fallow Fiel ROW CROP FIEL	d (RECENT-	RESTI	NG	0	0	0	
Golf Cours	se		NE I	0	0	0		Fill/Spoil Banks Freshly Deposited Sediment					0	0		Fallow Fiel SHRUBS, TRE		ASS,		0	0	0	
Lawn/Park	(			0	0	0		Freshly De (UNVEGETA		Sedim	nent	0	0	0		Nursery				0	0	0	
Suburban	Residen	itial		0	0	0		Soil Loss/Root Exposure					0	0		Dairy				0	0	0	
Urban/Mul	ltifamily			0	0	0		Wall/Riprap					0	0		Orchard			h	00	0	0	
Landfill				0	0	0		Inlets, Outlets					0	0		Confined Animal Feeding					0	0	
Dumping				0	0	0		Point Source/Pipe (EFFLUENT OR STORMWATER)					0	0		Rural Residential					0	0	
Trash				0	0	0		Impervious surface input (SHEETFLOW)					0	0		Gravel Pit				0	0	0	
Other:				0	0	0		Other:				0	0	0		Irrigation				0	0	0	
Other:				0	0	0		Other:				0	0	0		Other:				0	0	0	
Indu	strial D	evelo	opmo	ent S	Stres	sor	8		tion Stressors														
Fill bubble	if pres	ent - I	Plot	1	2	3	Flag	Fill bubble	if prese	nt - F	Plot	1	2	3	Flag	ag Fill bubble if present - Plot			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	1		
Mine (surface)			0	0	0		Tree Plantation				0	0	0		Trails			0	0	0			
Mine (underground)			0	0	0	17	Tree Canopy Herbivory			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)			0	0	0			
Other:				0	0	0		Recently B		rest		0	0	0		Other:				0	0	0	• • • • • • • • • • • • • • • • • • • •
Other:				0	0	0	403448	Recently B		asslar	nd	0	0	0		Other:				0	0	0	
● Fi	ag codes	: K = N	lo me			made	e, U = S		urement.,	F1,F2	2, etc.	= mis	c. flag	s ass	igned b	y each field c	rew.		242	816	3304		

Buffer Sample Plots 05/27/2011

FORM B-1: BUFFER SAMPLE PLOTS (Front)  Reviewed by (initial):													•									
Site ID: PCAP SC 1240 DATE: 07 109 12012																						
Location: Fill in bubble(s) if plot(s) could not be sampled and												d flag	<u>,                                    </u>									
OAA Center ON OS OE @								W O Plot 1 O Plot 2 O Plot 3														
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 = Very Heavy (>7)																						
																		vy (40-7	75%); 4	= Very	Heavy	(>75%)
Bullet C				Absent: O			Buffer Canopy Type:						t: O	Buffer Canopy Type:			<u> </u>					
Leal Type:							Flag	Plot 2	Lea	Leaf Type: (0)					Flag	Plot 3		Type:	-	$\overline{\mathbb{Q}}$		Flag
Big Trees (>0.3m DBH)			<b>①</b>	0	<b>(1)</b>		Big Trees (>	0.3m DBH)	+=	0	( <u>0</u>	<b>(1)</b>	<u>0</u>		Big Trees	(>0.3m DBH)	$\stackrel{\smile}{=}$			+-	<u> </u>	
Small Trees (<0.3m DBH)			0	0	<b>Q</b>		Small Trees (		0	0	0	0	<b>(</b>		Small Trees (<0.3m DBH)			= 1 -	-	_	<u> </u>	
Woody Shrubs, Saplings (0.5m-5m HIGH)			0	<b>(</b>	0		Woody Shrubs, Saplings (0.5m-5m HIGH)			0	<b>(</b>	0	0		Woody Shrubs, Saplings (0.5m-5m HIGH)				) (		<u> </u>	
Woody Shrubs, Saplings (<0.5m HIGH)			<b>(</b>	0	0			.5m HIGH)	0		(2)	0	<u>O</u>		(-	ubs, Saplings <0.5m HIGH)	0		)(0			
Herbs, F	orbs and Grasses		0	<b>(</b>	0	0		Herbs, F	orbs and Grasses	0	<b>@</b>	2	0	0		Herbs	Forbs and, Grasses	0	<b>9</b> (	)		
Bare	ground	0	0	2	3	0		Bare	ground	0	<b>(1)</b>	3	<u>(1)</u>	0		Ba	re ground	0		)(		
Litt	ter, duff	0	0	2	3	<b>(</b>		Lit	ter, duff	0	0	0	0	<b>(1)</b>		ı	itter, duff	0	0	) (	) 🐠	
	Rock		0	2	3	0			Rock	(1)	0	2	0	0			Rock	<b>(</b>	0	0	0	
	Water	<b>(</b>	0	0	0	0			Water		0	(2)	(1)	0			Water		0 0	0	_	
	bmerged		0	2	3	0			bmerged		0	3	0	$\overline{\odot}$			Submerged	-	$\overline{\mathfrak{I}}$		+ =	+
Vegetation														1								
Resi	dential	and	Urba	an S	tress	sors			Hydrology Stressors							Agricultural & Rural Stressors						
Fill bubble if present - Plot				1	2	3	Flag		if present - Plot			1	2	3	Flag	Fill bubble if present - Plot			t 1	2	3	Flag
Road - gravel			0	0	0		Ditches, CI	nanneliza	ation		0	0	0		Pasture/Hay			(	) (	0		
Road - two lane			0	0	0		Dike/Dam/		R Bed		O	0	O		Range			30 00.				
Road - four lane			O	0	0		(IMPEDE FLO	Sense - Activistics	ol Stru	cture		0	0		Row Crops		(		+			
Parking Lot/Pavement			0	0	0		Excavation	, Dredgii	Dredging			0	O		Fallow Field (RECENT-RESTING ROW CROP FIELD)			_				
Golf Course			0	0	0		Fill/Spoil B	anks			0	0	0		Fallow Fiel	d (OLD - GR	ASS,			_		
Lawn/Park			0	Ō	0		Freshly De		Sedin	nent	0	0	O		Nursery	-C3)		(	100			
Suburban	Residen	ntial		0	0	0		Soil Loss/F		osure		0	0	0		Dairy			(	1		
Urban/Mul	itifamily			0	0	0		Wall/Ripra	p	) Hij	5	0	0	0		Orchard			-	0 0	-	
Landfill				0	0	0		Inlets, Outlets				O	0	0		Confined A	Animal Fee	ding	(	0	91.7	
Dumping				0	0	0		Point Source/Pipe (EFFLUENT OR STORMWATER)				0	0	0		Rural Resi	dential		(	-		
Trash				0	0	0		Impervious surface inp			4	0	0	0		Gravel Pit	erri nev	li n	(	100		
Other:				0	0	0	:	Other:				0	0	0		Irrigation						
Other:				0	0	0		Other:				0	0	0		Other:					1	
Indu	strial D	evel	opm		100		5	Y HEA				egeta	tion Stress	sors								
Fill bubble	if pres	ent -	Plot	1	2	3	Flag	Fill bubble	if prese	nt - F	Plot	1	2	3	Flag	Fill bubb	ole if preso	ent - P	lot	2	3	Flag
Oil Drilling			0	0	0		Forest Clear Cut				0	0	0		Herbicide Use			(	0	0		
Gas Wells			0	0	0		Forest Selective Cut			0	0	0		Mowing/Shrub Cutting								
Mine (surface)			0	0	0		Tree Planta	tion	li a	ig:	0	0	0		Trails			(	91 199			
Mine (underground)			0	0	0		Tree Canop	1977	ory		0	0	0		Soil Compa (ANIMAL OR H				_			
Military			0	0	0		(INSECT) Shrub Layer Browsed			0	0	0		Offroad vel		ge			8 2			
Other:			0	0	0		(WILD OR DOMESTIC) Highly Grazed Grasses			0	0	0		Soil erosion (FROM WIND, WATER,			AND RESERVED.	-	-			
Other:			0	0	0		(OVERALL <3" HIGH) Recently Burned Forest			0	0	0		OR OVERUSE) Other:					+	-		
and the second second				-	princip		Canopy Recently Burned Grassland			0	0	0		Other:				<b>100</b>				
Other: O O					Made	9    = 0	(BLACKENED)	), etc		mine floor regioned by each floid crow												
	uffer Sar					Exp		lags in comm								,		2	4281	683	)4	
					,, , .			- 1000	2										B		107.5	