CLEVELAND MET	TROPARKS Plant Community Asses			Cleveland Metroparks
Project Label:	PCAP	Plot N	o: 1263 Date Sampled: 9	-5-12 Lead: Fys
			Comment required	if item answer is NO
Parking/Access outsid	de of Park Boundaries:	Y (N)	If yes, write details in Commen	
Field journals comple		O N	ir yes, write details in commen	is section below
Site sketch made on 1		CY N		
Check cover page	X-axis Bearing of plot recorded	N G		
Check cover page	GPS coords. Recorded	CY) N		
Ti-	North direction recorded	60 N		
	Photographs taken?	Y) N		
Plot No., Date agreem		EY) N		
Header data complete		Y N		· · · · · · · · · · · · · · · · · · ·
	d in all Intensive modules	O N		
Browse Level By Spe		\		
Woody stem quality c		V N		
		100		
Invasive plant quality	control check	Y) N	NA	
Ash trees mapped	ς	Y N	N/Po	
Cover by Strata? (con:				
	with matching plot #.	Y N		
	atasheet with initials and number	1		
Vouchers labeled on c	ollection bag	N		
Pink flags removed		Y W		
Data sheet QA before		YN		
Common equipment re	eturned to tub.	Y N		akaklia
Data sheets scanned?				84915/12
Final data sheets scanr			Enter date to left	
Buffer Widths measure	ed?	(Y) N	NZ 6-29-1	<u> </u>
Web Soil Survey	1	Y N	JC 9-5-12	
Voucher Location	Refrigerator	Y N		
# vouchers collected)	Press (#)		Enter number to left	
COT_	Drier	Y N		
JAN UD	Identified	Y N		
436-6-10	Mounted	Y N		
	Thrown away	Y N	·	
GRTS point verificati	on: Is plot sampleable?			
Yes Yes	Original GRTS point is sampleable			
No	Original GRTS point lands in a non-sa	ampleable area (fill in category below)	
	□ Point falls in a water (i.e. river, lal	(e)		
	Managed mowed area (i.e. golf co	ourse, picnic area, rig	ht-of-way)	
	□ Paved area (i.e. parkinglot, road)			
	☐ Unsafe to sample (i.e. steep slope)☐ Other			77.12.
dditional Comments				
		a co	oler day	
	Thorny - Do ar Wea	r Lon	g sleaves	>

Minimum required fields in Bold and Underlined TAXONOMIC ACCURACY SAMPLING QUALITY* TAXONOMIC STANDARD Effort Level: PLOT NOT SAMPLED: Hurried Plot No.:) 263 Plot Name: CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet GENERAL INFORMATION Roles: Co-leader, Asst., Guide, Owner, Taxonomist, etc. and date (if > 1 day): Date (mm/dd/yyyy): 4 / 5/ 2012 Project Name: 01502012 Project Label: PCAP Very thorough A. Young tu senbook Level 5 (nested corners sampled) Level 4 (no nested corners sampled) ☐ Paved ☐ Slope ☐ Safety modera. A cut about how much effort put into may still provide good sampling. Hurried plots subjective evaluation of Pub Date: Role** Plot leader · low Jooding □ Other not smpl n/a Plot placement: VGRTS Random Stratified Random Transect component Camera No.: 1 Plot size for cover data: 6.54 GPS File Name: 1263 A GPS location in plot x=0 to 5, y=-1,0,+1): Source of coordinates

MAP □ Fuzz 100m □ Fuzz 250m □ Fuzz 500m Photo Nos.: Depth: (1-5): Coord. Accuracy: Sm oft Datum: ■ NAD83/WGS84 □ NAD27 ■ Lat/Long □ UTM □ StatePlane If data not public why? Reason: Check one: Public data Private Data Data Confidentiality: Local Place Names: Joseph Cat Hollant Cat.
Carpo of Hawthern Perlang a Hoaper Ro Quadrangle: Chance LOCATION intensive modules: 2, 3, 8, 9 , 2, 3, (EDIT IF MODIFIED Coordinate system: Landowner: CM *Definitions and values in CM PCAP FOM v. 1.0 and CVS Field Guide Other (specify) Systematic (grid)

Capture specific feature

Other ongitude: 81, 47200 X-axis Bearing of plot: HO C2-2161 base of plot x=0, y=0) County: Coyhogu □ Representative ■ deg 🗆 deg min Coord. Units ■ GPS [58]° (hectares) New Phi Shifted plot So fit in wateral Ved Char. Lacation: 100m North 04 APT of toxoct: 1X4 - Wetland plat content), Rationale (why here), and Veg Characterization (description of community, dominants, strata, BROWSE). Additional notes in space on back NOTES: include Layout (any unusual shape details), Location (directions and landscape Hawtham Parhury. Park on APT mar Brille trail Diagram Plot origin S GPS location Key: (0,0) point point Shrublayer tot gress teathor Multiflura Rose Limited Conory Salix sp. herblugh. Sensitive form Cut grass Tearthums #1 #2 photo taken, #3 # #7 location of permanent posts (BullerclundMclay Page 1 of 2 OVER

Broddes The 14M CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet 2a Strata - Cov. entire plot Cleveland Matroparks Project Label: Total modules: 2aCM PCAP Species Cover Data sheet Page 1 of x ver 3.xls last revised 5/29/2012 ceh S H (F)(A) Br LAT ھا ى I I 5 ٩ Õ, Khampus Fanavis , Ver bona Pilea Solanum Taraxium Solidago tupatorium Agrimon's Charles tolugonum punctatum Ross sp 2000 Penstamon Polyconom sythetom describe amount of browse per species over 5003a storacese OXICO denotion Faction Rosa multit 16 51 vm DRYSIA Br = Browse Level. Use cover classes to alix sp mpatians mond T to tichable hastate tatifold waraystifulio Species - Sig in Auto entire plot PCAP 5 M/10 2030 officias d wicam ark Ngasa 10-3-12 y a comoso Coloration perfolict of Chornst S 01 NO 172 Parvit loru Intensive modules: %unveg. ground (bare soil) %unvegetated open water intensive module: Estimate for each CRF 036 %unveg. litter (bare litter) 8 のなの数の SRE 637 SKIT Project name: 015ca017 Voucher# -2162 %open water 1 T r N DOFF 7 W نع ζη corner mod corner حوا Q COV cov | depth Š 5 Plot configuration: ġ) N Ø Ø 200 2 COV 00 0 الا 0 Plot no.: 263 VOS 5 0 N под Г ンベエ comer 0 COV depth N Natural Resource Management FORM NR/2010-02a 0 ري COV 2 0 0 COV C depth Plot area (ha): O. 04 V00 I Page 十 of 人 H P 2 COV 1 _ W 2> 0 COV 27 depth mod Z) COV COV

PCAP	nent Program Speci Project name:	es Cover Dat		lot no.:) 2(ئن		Page ≽	4
4	Intensive modules:	4 Plo	nfigurat	n: /X 4		Plot area	(ha): <u>() (</u>	女
	Estimate for each	Z 2	comer mod	ner mod comer	mod comer n	Nod comer mod	comer mod	corner mod corner
describe amount of browse per species over entire plot	%open water %unvegetated open water		1					
	%unveg. ground (bare soil) %unveg. litter (bare litter)		3 -					
	c Voucher#	depth cov depth	cov depth	v depth cov	$\overline{}$	COV	cov depth	cov depth cov
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CleveLAND MET Project Label: Total modules: Strata - Cov. entire plot T S H (F)(A) B A A B A A B A A B A A B A A B A A B A A B A A B A A B A A B A A B A A B A A B A A B A A B A A B A A B A B	Br = Browse Level. Use cover classes to classes to classes to classes to cover elarned covering plot cover the	PCAP PCAP Project name: Hant Community Assessment Program Species PCAP Project name: Intensive modules: Intensive modules: Sessimate for each intensive modules: Sessimate for each intensive modules: Social curs canadarsis Sissymbicium officinale Fragxinus ponnsulvanica Project name: Survey: Secial curs canadarsis Sissymbicium officinale Fragxinus ponnsulvanica Projection over Survey: Survey: Illough a jassifa Project name: Survey: Su	PCAP PCAP Project name: OIS Cover Intensive modules: 4 Intensive modules: 4 Intensive module: 4 Estimate for each intensive module: 4 Species over entire pict 5 Susymborium Africiale 5 Susymborium Africiale 5 Francisco see moor count of transity around a seath count of the seath count	PCAP PCAP Project name: QI SC QOLD Holders: 4 Plot configurated open water 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PCAP PCAP PCAP Project name: \(\text{SISCROPE}\) Data Sheet Za Project name: \(\text{SISCROPE}\) Data Sheet Za Project name: \(\text{SISCROPE}\) Configuration: Project name: \(\text{SISCROPE}\) Configuration: Project name: \(\text{SISCROPE}\) A Plot configuration: Point configuration: Project name: \(\text{SISCROPE}\) A Plot configuration: Point configuration: Project name: \(\text{SISCROPE}\) A Plot c	PCAP PCAP PCAP PCAP POSet name: QI SC 2013 Pot no.: 263 P	PCAP PROTOCOMMUNITY Assessment Program Species Cover Data Sheet 2a POINT THE PROTOCOLOGY Program Species Cover Data Sheet 2a Project name: VISCOLO VI Plot non: IXG 3 Point name: VISCOLO VI VI Plot nonity ration: IX Y Point are: Point name: VISCOLO VI	POAP Project a Royal Sheet 28 Polyect name: CISCOLA Pol configuration: IX Pol area (na): \(\triangle \) Re a flower break the cover classes to describe amount of brower per species over some

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					ح	4	5	2	حُ	W	-	2	2	2	-	7	;	mod #			7 7
					Cornus Cocemose	Rhammus frangula	Solanum Chilcamo	Standing dead	Salix sp.	X	Cornus YMCLINOSO	s if	Rosa multibloor	Fraxians ponustionic	Rosa multifloca	Toxicodendon rations	Salix Sp	species	Explain subsample (additional room on back):	Project Label:	CI EVEL AND METROPARKS Plant Community Assessment Program Natural Woodly Stem Data Sheet
							5				>			200		S N		n	on bad		2
																		voucher#	ck):	PCAP	ommunity
					9 0				•			0	E		* 0			# stems 0-1.4m browsed			Accocci
																		% sub or super sample		Projec	mont Dr
													1.		. n			# shrub clumps		t Name	mean
																				Project Name: <u>例し^SCこ例し</u>	Natural
	4							0 0								1		size class (cm) woody stems >1.4m 1 2 3 4 0-<1 1-<2.5 2.5-<5 5-<	1671	2012	Moody
*								••	9 5									3 2.5-<5		,	Ctam Da
						•			9 6									-1.4m 4 5-<10		Plot No.:	to Choo
									-								6	5 10 - <15		1263	
									*									6 15 - <20		·W	
																		7 20 - <25		Page:	
																		8 25 - <30			
														100				9 30 - <35			
																		10 35 - <40		(S) Clerel:	
																		11 >40 (record each tre		(P) Cleveland Metaparks	

CLEVELAND METROPARKS Plant Community Assessment Program: Invasive Species Survey (Cleveland Metroparks Tier 1: Early detection/ Rapid response **GPS** Presence NE SE SW NW Presence Microstegium vimineum Japanese stiltgrass X: yes Lesser Celandine Ranunculus ficaria 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 # of Plants 1-10 Acer platanoides Norway Maple Tree of Heaven 11-50. Ailanthus altissima Lonicera japonica (vine) Japanese Honeysuckie 3: 51-100 4: 101-1,000 Purple Loosestrife Lythrum salicaria (wetland) 5: >1,000 Aegopodium podagraria (G-cover) Bishop's Goutweed Celastrus orbiculatus (vine) Asian Bittersweet Torilis sp. Hedgeparsley Conium maculatum Poison Hemlock Rhamnus cathartica Common Buckthorn (shrub) Berberis thunbergii Japanese Barberry (shrub) European Alder Alnus glutinosa Dipsacus laciniatus Cut-leaf Teasel Elaeagnus umbellata Autumn Olive (shrub) Amur Honeysuckle (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. Eleutherococcus pentaphyllus Five-leaf Aralia (shrub) 3: 51-100 4: 101-1,000 Pachysandra terminalis Japanese Pachysandra (G-cover) 5: >1,000 Philadelphus coronarius Mock Orange (shrub) Pulmonaria officinalis (G-cover) Lungwort Rubus phoenicolasius Wineberry Iris pseudacorus (wetland) Yellow Flag Iris Ornithogalum umbellatum Star of Bethlehem Viburnum opulus var. opulus European Cranberry (shrub) Viburnum plicatum Doublefile Viburnum (shrub) Tier 4: Widespread and abundant Presence comments Presence NE SE SW NW X: yes Alliaria petiolata Garlic Mustard Common Privet Ligustrum vulgare (shrub) L. morrowii, L. tatarica **Bush Honeysuckles** (shrub) Phalaris arundinacea Reed Canarygrass Phragmites australis (wetland) Phragmites Polygonum cuspidatum Japanese Knotweed Frangula alnus Glossy Buckthorn (shrub) Multiflora Rose (shrub) H Rosa multiflora

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

(wetland)

(G-cover)

Cattails

Canada thistle

Common Teasel

Dame's Rocket

Periwinkle

Typha angustifolia, T. x.glauca

Cirsium arvense

Vinca minor

Dipsacus fullonum

Hesperis matronalis

3

CLEVELAND METROPARKS Plant Community Assessment Program - Soils, Crown Cover, Standing Biomass Data Sheet 6a Project label: PCAP Project Name: 156 206 2

(C) Gleveland Metroparks

Page: 1 of 1

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

Soil pit module # 3 (one per entire plot)

20 cm 6 cm matrix color 2 matrix color texture* ydro cond *** redox features** oxid roots nydr cond *** oxid roots exture* edox features** mottle mottle ottle color ottle color 2.5x 2,5/ <u>3</u> ঔ 3 ⊗ M D (S)M D

refer to texture classes on reverse side

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

*** Circle one:

I=indundated S=saturated M=moist D=dry

Notes: include evidence of earthworms (worms. astings, middens)

No collemic

Swian go

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 Series Source: Ohio Soil Survey Soil Series/Type: Mitiwanga Soil Collection Moduld Horizon (A, B, C) 3.8.9 composited 7, 4 andform type: Till plains soft loan 76.15cm

□ Well drained □ Excessively dr. epth to rest, Layer trent Material Somewhat excessively Moderately well dr.

 Impermeable surface 9/5/12

Somewhat poorly dr.

Very poorly dr.

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

4	W	7	~	пюd#
	.8	, ² 4	. 7	l litter+ organic depth (cm)
1.1	, 8	. 4	. 7	2 litter depth (cm)
Ø,	Ø	Ø.	Ø	water depth (cm)
29	79	29	29	depth sat

	EARTH SURFACE & GROUND COVER	E & GROUN	AD COVER	
	Underlying Earth Surface*	Surface*	Ground Cover	
	(Sum = 100%)	percent	(Each ≤ 100%)	percent
	Histosol	Q	Coarse Woody Debris***	1
	Mineral Soil	100	Fine Woody Debris***	/
7	Gravel-Cobble*	0		g5
	Boulder**	Q`	Duff (Ferm.+ Humus)	Ø
	Bedrock	Q'	Bryophyte- Lichen	Ø
	"Gravel-Cobble = 1/16-10"	1/16-10"	Water	\otimes
	**Boulder = > 10 in	n	Bare Soil	\Diamond
	*** >5 cm in diameter	eter	Road/Trail	Ø,
	**** <5 cm in diameter	neter	Other	

COVER BY STRATA estimate using midpoints of 5,ex:3, 8, 13	

			100					
** submersed,	* rooted and flo	(Aquatic)*	(Floating)*	Herb	Shrub	Tree	Strata	
** submersed, most plant mass below surface	 rooted and floating or slightly emersed 	•	ı	15	1 - 5	25	Height Range (m)	
w surface	rsed			98	12	3	Total Cover (%)	

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

No trails

			11-22				
□ < 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.

Project Label: PCAP	LEVELAND METROPARKS Plant
Project Name: 0 SC 20	Community Assessment Program - Plant Cov
2	ant Cover and Earth Surface

Plot No.: 1263

(A) Disordered Metroperica 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. C7=check when collected

エ	ス	7	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Module # C? Corner Cc
_		1		
W	W	W	();	Corner

O DE STATE o SLO D RIV CLA: o FOREST = swamp forest = bog forest = forest seep beginning and bog forest = open bog 00/ - FRII - IMP Ohio EPA VIBI Plant Community Class (WETLANDS ONLY):

MICROTOPOGRAPHIC FEATURE COUNTS - Intensive modules only

SHRUB a shrub swamp at tall sh. bog a tall sh. fen

File F

Conf-

Conf=

Slope 1 = slight elevational grade across module (hill) Panks for microhabitat features. Select one or select two and average the scove.NOTE: If mod falls on a stope automatically gets ranked based on steepness (1-3) to begin + any features present Slape 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

2	W	~		mod# c					
1	(١	١	corner					
Ø	Ø	_	2 ×	(count)	lxim	depth 3		tussocks	no of
0	37	R	0	(count)	3.16x3.16m	depth 2	uplands (Tip-Ups)	hummocks	no. of
N	نر	Ø		(count)	m01x01	depth 1		depressions	по, тасго
2	U	2		(count)	10x10m	depth I		(2-12 cm)	c.w d
-2		ح	Q	(count)	10x10m	depth 1		(12-40cm)	c.w.d
0	* %		Ø	(count)	10x10m	depth 1		>40 cm	c.w.d
2	2	7	Ų	(rank)	10x10m	depth 1		interspers,	microhab
		-	8	(rank)	10x10m	SLOPE			microhab.

SSIFICATION		
excellent g Fit and Confidence		
ogeomorphic class (WETLANDS ONLY):		
PRESSION	THE STREET	Conf=
POUNDMENT - Beaver - Human	Fit.	Conf=
/ERINE D Headwater D Mainstem D Channel	Fit	Conf=
OPE (ground water hydrology or on a physical slop)	Filt	Conf=
NGING D Reservoir D Natural Lake	Fif	Conf=
ASTAL (specify subclass)	Fig.	Conf=
G (strongly, moderately, weekly ombrotrophic)	Fit=	Conf=

FIF Conf= +315 degrees

[FILLED OUT USING GIS PROGRAM - DO NOT FILL OUT IN FIELD] McNAB INDICES (degrees) + for up - for down +135 degrees +270 degrees +225 degrees +180 degrees +90 degrees +45 degrees At aspect WS NE. 8 SE

LFI is angle of plot to the horizon. TSI is

angles formed by local slopes. For TSI measure

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

¥N

eve of person standing - 10 m

angle from

away.

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

4 %	8 3	× 2	7	Module	0 7
52	77	92	67	Z	
	96	19	78	s	
33	96		82	E	
74	93	18	19	W	L

FORM B-1: BUFFER SAMPLE PLOTS (Front) Reviewed by (initial																							
Site ID: $PCAPSC1263$ DATE: $PQIO5I2O12$ Location: Fill in bubble(s) if plot(s) could not be sampled and flag \rightarrow																							
		- 1	10		1/	<u></u>		1 201 100	Fill	in h	uhh	ع/ما	\ if n	lot/s	2) COI	ıld not be	sample	-d ગ	nd fl	an -		三	
OAAC		_	N	0	9	01	- a	w	Section 1	Plot			, p Plot			Plot 3	oumpi	Ju u		ug		/	
O AA	Jenter		/ 14		<u> </u>	<u> </u>	- •		Buffer		1000				110.40	101 0				-		•	
Fill in bubble Strata Secti	es for all th on: Fill in a	nat app approp	ply: Ca priate d	nopy cover o	Type:	D = C bubble	eciduou for eac	s; E = Evergre h strata type fo	en. Leaf T or each plo	ype: E	3 = Bn Abser	oadlea it; 1 =	f; N = Sparse	Needle e(<10%	e Leaf. / 6); 2=M	Absent: No tree oderate(10-409	e canopy. %); 3 = Hea	ıvy (40	-75%)	; 4 = V	ery H	eavy (>75%)
Buffer	Canop	у Тур	e: 🙋	() A	bsen	t: O	Buffer	Canop	у Тур	e: () AI	bsent	: O	Buffer	Canopy	Тур	e: 💿	(Ab	sent	: O
Plot 1	Lea	f Typ	e: 🌘) (Flag	Plot 2	Lea	f Typ	e: () (Flag								Flag
Big Trees (>	0.3m DBH)	0	0	②	9	0		Big Trees (>0.3m DBH)					3	0		Big Trees	0	0	0				
mall Trees (<	<0.3m DBH)	0	0	②	0	0		Small Trees (<0.3m DBH)					3	0	j	Small Trees	2	0	0				
Woody Shrubs (0.5m	s, Saplings -5m HIGH)	0	0	0	0	0		Woody Shrub (0,5rr	s, Saplings +5m HIGH)	0	0	0	0	0		Small Trees (<0.3m DBH) (0) (1) Woody Shrubs, Saplings (0.5m-5m HIGH) (0) (1)					0	0	
Woody Shrubs	s, Saplings .5m HIGH)	0	0	0	0	0		Woody Shrubs, Saptings (<0.5m HIGH)					0	0		Woody Shru (<	0	0	0				
Herbs, Forbs and Grasses 0 0 2 0							12 12 12						0	0		Woody Shrubs, Saptings (<0.5m HIGH) Herbs, Forbs and Grasses O (0	0	
Bare ground ① Ø ② ① ①								Grasses Bare ground					0	0		Bare ground ① ①				0	0	0	
Litter, duff ① ① ② ① ⑩								Litter, duff ① ①					<u>0</u>	@		L	itter, duff	0	0	0	0	Ō	
Rock (1) (2) (2) (2)								Rock ① 🚳					0	0			Rock	0	0	0	0	ŏ	
Water								Water 🕢 🖯					0	$\overline{0}$			Water	0	0	0	0	ŏ	
Submerged A O O O								Sı	0	0	0	$\frac{\circ}{\circ}$			Submerged	6		0	0	$\frac{\circ}{\circ}$			
	egetation				_		45-04	THE PARTY NAMED IN	egetation	•	_	0			unfillad		Vegetation	_					6
Stressor Presence/Absence - Confirm that a filled data bubble indicates presence and an unfilled bubble indicates absence by filling this Residential and Urban Stressors Hydrology Stressors Agricultural & Rural St																_							
Residential and Urban Stressors Hydrology Stressors Agricultural & Rura														. 1									
ill bubble	e if prese	ent - I	Plot	1	2	3	Flag	Fill bubble	e if prese	ent - I	Plot	1	2	3	Flag	Fill bubble	if preser	nt - Pi	lot	1	2	3	Flag
Road - gra			=0	0	0	0		Ditches, C Dike/Dam/				0	0	0		Pasture/Ha	У			0	0	0	-
Road - two				0	0	0	-	(IMPEDE FLO	W)			0	0	0		Range				0	0	0	
Road - fou				0	0	0	3	Water Lev		er Samuel Samuel	cture	10	0	0		Row Crops		0000		0	0	0	
Parking Lo	ot/Paverr	ent		0	0	0		Excavation		ng		0	0	0		Fallow Field ROW CROP FIELD Fallow Field	D)		WG	0	0	0	
Golf Cours				0	0	0		Fill/Spoil B Freshly De		Sadin	nent	0	0	0		SHRUBS, TRE		MOO,		0	0	0	
Lawn/Park				0	0	0		(UNVEGETAT	ED)			0	0	0		Nursery				0	0	0	
Suburban		tial		0	0	0		Soil Loss/F		osure		0	0	0		Dairy				0	0	0	
Urban/Mul	tifamily			0	0	0		Wall/Ripra				0	0	0		Orchard				0	0	0	
Landfill				0	0	0		Inlets, Out				0	0	0		Confined A		ding		0	0	0	
Dumping		3110-	12.000	0	0	0		(EFFLUENT C	R STORM			0	0	0		Rural Resid	entiai			0	0	0	
Trash				0	0	0		(SHEETFLOW		прис		0	0	0		Gravel Pit	700			0	0	0	-
Other:				0	0	0		Other:		-		0	0	0		Irrigation				0	0	0	
Other:	-			0	0	0		Other:				0	0	0		Other:				0	0	0	
Indu	strial D	evel	opmo	ent S	stres	sor	3					- 1	Habi	tat/V	egeta	tion Stress	ors						
ill bubble	if prese	ent - l	Plot	1	2	3	Flag	Fill bubble	if prese	nt - F	Plot	1	2	3	Flag	Fill bubb	le if pres	ent - l	Plot	1	2	3	Flag
Oil Drilling				0	0	0		Forest Clea	r Cut			0	0	0		Herbicide U	se			0	0	0	
Gas Wells				0	0	0		Forest Sele	ctive Cut	183		0	0	0		Mowing/Shr	ub Cutting	9		0	0	0	
Mine (surface)								Tree Planta	tion			0	0	0		Trails	2020			0	0	0	
							Tree Canop		ory		0	0	0		Soil Compa		177		0	0	0		
							(INSECT) Shrub Laye		d		0	8	0	_	(ANIMAL OR HI				0	0	0		
Military O O O							(WILD OR DON Highly Graz		ses		0	100			Desired to the second		-	TER,					
Other: 0 0 0							Highly Grazed Grasses (OVERALL <3" HIGH) Recently Burned Forest					0	0		Soil erosion (FROM WIND, WATER, OR OVERUSE)				0	0	0		
Other: 0 0 0								Recently Burned Forest Canopy					0	0		Other:					0	0	
Other: O O O								Recently Burned Grassland (BLACKENED)					0	0		Other:				0	0	0	
● Fli	ag codes:	K=1	No me	asure	ment			uspect measi lags in comm							gned b	y each field cr	ew.		2428	3168	304		
Bu	uffer San	nple I	Plots	05	/27/2																		-

•			(K)				FO	RM B-1: BUFFER SAMPLE PLOTS (Front) DATE: OG G G G G G G G G G G G G G G G G G														•			
Site I	D: P	CA	PS	SC	12	63									DAT	E: Ø 9	1055	-1	2	Ø		ح			
Location									Fill	in b	ubb	le(s) if p	olot(s) co	uld not be	sample	ed a	nd f	lag ·	<u> </u>	_			
OAAC	enter	C	N	0	S	1	€ 0	W	OP	lot	1	0	Plot	2	01	Plot 3						1			
	0.00	. de la c							Buffer						-	11.44				25.0		_			
Strata Section	es for all tr on: Fill in a	nat ap approj	ply: Ca priate (over	Type: class	D = D bubble	e for eac	s; E = Evergre h strata type fo	en. Leat T or each plo	ype: E t. 0 =	3 = Bn Abser	oadlea nt; 1 =	f, N = Spars	Need e(<10	le Leaf %); 2=M	Absent: No tree canopy. oderate(10-40%); 3 = Heavy (40-75%); 4 = Very Heavy (>75%)									
Buffer	Canop	у Тур	e: 6) A	bsen	t: O	Buffer	Canopy	у Тур	e: @) () A	bsen	t: O	Buffer	Canopy	Тур	e: ()	(() At	seni	: ()		
Plot 1	Lea	f Typ	e: 🐠	0			Flag	Plot 2	Lea	f Typ	e: (0	5		Flag	Plot 3			e: (Đ	$\stackrel{\sim}{=}$	_		Flag		
Big Trees (>	0.3m DBH)	0	0	(2)	0	1	(). III P.	Big Trees (>0.3m DBH)	0	0	(2)	0	(3)		Big Trees	(>0.3m DBH)	0	O	0	①	0			
mall Trees (<	0.3m DBH)	0	0	0	0	0		Small Trees (<0.3m DBH)	0	0	0	0	0		Small Trees (<0.3m DBH)					<u> </u>	0	1		
Voody Shrubs (0.5m-	, Saplings 5m HIGH)	0	0	(4)	0	0		Woody Shrub (0.5m	s, Saplings r-5m HIGH)	0	0	0	0	0		Woody Shrubs, Saplings (0.5m-5m HIGH)					①	0			
Voody Shrubs (<0.	, Saplings 5m HIGH)	0	(4)	②	0	0		Woody Shrub (<0	s, Saplings).5m HIGH)	0	0	0	0	0		Woody Shrubs, Saplings (<0.5m HIGH)					0	0			
Herbs, F	orbs and Grasses	0	0	(0	0		Herbs, I	Forbs and Grasses	0	0		0	0		Herbs,	Forbs and Grasses	0	0	0	0	0			
Bare	ground	0	②	②	0	0		Bare	Bare ground							Bar	e ground	0	0	0	0	0			
Litt	er, duff	0	0	(2)	0	0		Litter, duff 0					0	0		L	itter, duff	0	0	0	0	0			
5.00	Rock	0	3	0	0	0		Rock 🗿 🚳					3	0			Rock	0	0	0	0	0			
	Water	0	0	3	0	0		Water 0					0	0			Water	0	0	(2)	0	0			
	bmerged egetation	0	0	②	0	0	11	Si V	0	0	3	0	× -		Submerged Vegetation	0	0	(2)	0	0					
Stress	or Pres	enc	e/Ab	send	e -	Confi	rm that			ndica	tes p	esen	ce an	d an	unfilled	bubble indic		nce l	by filli	ng thi	s but	ble.	0		
Resid	dential	and	Urba	an Si	tres	sors		ni e	Hydrolo	gy S	tres	sors		interior			Agricultu	ıral a	& Ru	ral S	tres	sors			
Fill bubble if present - Plot 1 2 3 Flag								Fill bubble	if prese	nt - I	Plot	1	2	3	Flag	Fill bubble	if presen	t - P	lot	1	2	3	Flag		
Road - gra	vel			0	0	0		Ditches, C	hanneliza	ition		0	0	0		Pasture/Ha	у	He		0	0	0			
Road - two	lane	888 8		0	0	0		Dike/Dam/ (IMPEDE FLO		Bed		0	0	0		Range				0	0	0			
Road - fou	r lane			0	0	0		Water Lev	el Control	Stru	cture	0	0	0		Row Crops				0	0	0			
Parking Lo	t/Pavem	ent		0	0	0		Excavation	, Dredgin	g		0	0	0	Lane 1	Fallow Field ROW CROP FIELD	D)	-	NG	0	0	0			
Golf Cours	е			0	0	0		Fill/Spoil B				0	0	0		Fallow Field SHRUBS, TRE				0	0	0			
Lawn/Park		1 25		0	0	0		Freshly De (UNVEGETAT	ED)	100	200	0	0	0		Nursery				0	0	0			
Suburban I		tial		0	0	0		Soil Loss/F		sure		0	0	0		Dairy				0	0	0			
Urban/Mult	ifamily	- 44		0	0	0		Wall/Ripra	р		244	0	0	0		Orchard		- 62		0	0	0			
Landfill				0	0	0		Inlets, Outi	Valley - I I - Y			0	0	0		Confined A		ding	-	0	0	0			
Dumping				0	0	0	_	(EFFLUENT C	RSTORM			0	0	0		Rural Resid	ientiai			0	0	0	1		
Trash				0	0	0		(SHEETFLOW				0	0	0		Gravel Pit		-	+	0	0	0			
Other:		ORGANI POR		0	00	0		Other:				0	0	0		Irrigation Other:			-	0	0	9	_		
	total De	1		0				Oulei.				11117	0	0				200		0	0	0	01074		
	trial De		1000	ent s										1		tion Stress									
ill bubble	it prese	nt - I	Plot	1	2	3		Fill bubble		nt - F	lot	1	2	3	Flag	Fill bubbl	e if prese	nt - I	Plot	1	2	3	Flag		
Oil Drilling				0	0	0		Forest Clea				0	0	0		Herbicide U	CHICA LA	-	-	0	0	0			
Gas Wells				0	0	0		Forest Selec		0	0	0		Mowing/Shr	ub Cutting		-	0	0	0					
Mine (surfa	ice)			0	0	9		Tree Planta		0	0	0		Trails Soil Compa	ation		-	0	0	0					
Mine (unde	rground)		0	0	0		Tree Canopy Herbivory (INSECT)					0	0		(ANIMAL OR H				0	0	0			
Military		Mili		0	0	0		Shrub Layer Browsed (WILD OR DOMESTIC)					•	0		Offroad vehi				0	0	0			
Other:				0	0	0		Highly Grazed Grasses (OVERALL <3* HIGH)					0	0		Soil erosion (FROM WIND, WATER, OR OVERUSE)			TER,	0	0	0			
Other:	O O O Recently Burned Forest Canopy							0	0	0		Other: O O O													
Other: OOOORRecently Burned Grassland (BLACKENED)							nd	0	0	0		Other:				0	0	0							
Fla	g codes:	K = N	lo me	asure	ment			spect measu					igned b	y each field cr	ew.	N .	2428	1168	304	7					

Buffer Sample Plots 05/27/2011

								1								1							
FORM B-1: BUFFER SAMPLE PLOTS (Front) Reviewed by (initial): DATE: 0.9 05 2.8.(.2)																							
Site	Location: Fill in bubble(s) if plot(s) could not be sampled and flag →																						
Locati			Milit	Jar.				1127 - 10	Fill	in b	ubb	le(s) if p	lot(s	s) cou	ıld not be	sample	d a	nd fl	ag -	→	-	
OAA	Center	•	N	0	S	O	Ξ Ο	W	OP	lot '	1	0	Plot	2	O F	Plot 3							
								s; E = Evergre		ype: E	= Br	oadlea	f; N =	Needle	e Leaf. A	Absent: No tree oderate(10-40		vy (40	-75%)	; 4 = V	егу Н	eavy (>75%)
Buffer	Canop	у Тур	e: 🕡) () AI	bsen	t: O	Buffer	Canopy	у Тур	e: () AI	bsent	: 0	Buffer	Canopy	Туре	e: 🌑	1	Ab	sent	0
Plot 1	Lea	f Typ	e: 🕖) (Flag	Plot 2	Lea	f Typ	e: () (Flag	10101				0	Ι.		Flag
Big Trees (>	•0.3m DBH)	0	0	2	0	0		Big Trees (>	•0.3m DBH)	0		②	0	0		Big Trees	(>0.3m DBH)	0	0	②	0	9	
Small Trees (<0.3m DBH)	0	0	2	0			Small Trees (<0.3m DBH)	0	0	0		0		Small Trees (<0.3m DBH)					0		-01
Woody Shrubs (0.5m	s, Saplings -5m HIGH)	0	•	0	0	0		Woody Shrubs, Saplings (0.5m-5m HIGH)					0	0		Woody Shrubs, Saplings (0.5m-5m HIGH)					0	0	
Woody Shrubs (<0	s, Saplings .5m HIGH)	0	1	0	0	0		Woody Shrubs, Saplings (<0.5m HIGH)					0	0		Woody Shrubs, Saplings (<0.5m HIGH)					0	0	
Herbs, F	orbs and Grasses	0	1	0	0	0		Herbs, Forbs and Grasses				0	0	0		Herbs, Forbs and Grasses				(0	0	
Bare	ground	0	0	0	0	0		Bare ground 💿 🌑					0	0		Bar	e ground	3	0	0	0	0	
Lit	ter, duff	0	0	0	0	0		Lit	tter, duff	0	0	0	0	0		L	itter, duff	0	0	0	0	3	
	Rock	0	•	0	0	0			Rock	0	0	0	0	0			Rock	0	3	0	0	0	
	Water	0	0	0	0	0			Water	0	0	0	0	Ō			Water	0	0	0	0	Ō	
Submerged								Sı	0	0	0	$\tilde{\odot}$			Submerged	0	Ō	0	<u></u>	ŏ			
		sence	\cup	_		rm that		egetation bubble in	ndica	\subseteq				L unfilled	vegetation 3 3 3							0	
Stressor Presence/Absence - Confirm that a filled data bubble indicates presence and an unfilled bubble indicates absence by filling Residential and Urban Stressors Hydrology Stressors Agricultural & Rural														-	47.								
				Τ.			Flag	Fill bubble		-		1	2	3	Flag	Fill bubble			- 1	1	2	3	Flag
								Ditches, C			101	0	0	0		Pasture/Ha				0	0	0	
Road - tw			10.10	0	0	0		Dike/Dam/	Road/RR			0	0	0		Range		1951		0	0	0	
Road - fou				0	0	0		(IMPEDE FLO	-	Stru	cture	1	0	0		Row Crops				0	0	0	ET.
Parking Lo	ot/Pavem	nent		0	0	0		Excavation	ı, Dredgir	ng		0	0	0	-21 F	Fallow Fiel		RESTI	NG	0	0	0	
Golf Cours	se			0	0	0		Fill/Spoil Banks					0	0		ROW CROP FIELD) Fallow Field (OLD - GRASS, SHRUBS, TREES)				0	0	0	
Lawn/Parl	C	8.19		0	0	0		Freshly De		Sedin	ent	0	0	0		SHRUBS, TREES) Nursery			1	0	0	0	
Suburban	Residen	tial		0	0	0		Soil Loss/F		osure		0	0	0		Dairy				0	0	0	
Urban/Mu	ltifamily			0	0	0		Wall/Ripra	p			0	0	0		Orchard			To the	0	0	0	
Landfill				0	0	0		Inlets, Out	lets			0	0	0		Confined Animal Feeding			12	0	0	0	
Dumping				0	0	0		Point Sour (EFFLUENT C		VATER)	0	0	0		Rural Residential				0	0	0	
Trash		3.0		0	0	0		Impervious (SHEETFLOW		input		0	0	0	0001	Gravel Pit				0	0	0	
Other:				0	0	0		Other:				0	0	0		Irrigation				0	0	0	
Other:				0	0	0		Other:				0	0	0		Other:			_	0	0	0	
Indu	strial D	evel	opm	ent S	Stres	sor	8						Habi	tat/V	egeta	tion Stress	sors						
Fill bubble	e if prese	ent - I	Plot	1	2	3	Flag	Fill bubble	if preser	nt - F	Plot	1	2	3	Flag	Fill bubb	le if prese	nt - l	Plot	1	2	3	Flag
Oil Drilling				0	0	0		Forest Clea	r Cut	The same		0	0	0		Herbicide U	se			0	0	0	
Gas Wells				0	0	0		Forest Sele	ctive Cut			0	0	0		Mowing/Sh	rub Cutting	1		0	0	0	
Mine (surf	ace)			0	0	0		Tree Planta	tion			0	0	0		Trails			1	0	0	0	
Mine (underground)								Tree Canop		ory		0	0	0		Soil Compa				0	0	0	
								(INSECT) Shrub Laye		d		0	0	0		(ANIMAL OR H	9 9 20 11	ne		0	0	0	
								ed Grass	ses		0	0	0		Soil erosion	(FROM WIN	400	TER,	0	0	0		
Other: 0 0 0							Highly Grazed Grasses (OVERALL <™ HIGH) Recently Burned Forest				0		1		Soil erosion (FROM WIND, WATER, OR OVERUSE)								
Other: 0 0 0							Canopy Canada Canadand					0	0		Other:				0	0	0		
								(BLACKENED)					0	the accioned by each field army									
	ag codes: uffer Sar				ment /27/2	Exp	iain aii f	uspect measi lags in comm	ent section	on on	the ba	- mis	this fo	ja dasi DIM	Ausa D	y sacii lielu Ci	• #.		2428	3168	304		
1.00		'			, .						_									_			

FORM B-1: BUFFER SAMPLE PLOTS (Front) Reviewed by (initial): DATE: D 9 5 2 0 1 2														•								
Location: Fill in bubble(s) if plot(s) could not be sampled and flag →																						
		118				196			Fill	in b	ubb	le(s)	if p	lot(s	s) cou	ıld not be	sample	ed an	d flag	ı →		
AA Cer	nter	0	N	0	S	01	E O							and the		Plot 3						
Fill in bubbles fo Strata Section: F	r all th ill in a	at app	oly: Ca oriate d	nopy cover	Type: class l	D = D	Deciduou e for eac	s: E = Everare	Buffer en, Leaf T or each plo	voe: B	= Bro	adlea	: N = 1	Veedle	e Leaf. A	Absent: No tree oderate(10-40°	e canopy. %); 3 = Hea	vy (40-	75%); 4	= Very	Heavy	(>75%)
Buffer Ca	nopy	тур	e: 🌘) AI	bsen	t: O	Buffer	Canop	у Тур	e: 🕝) () At	sent	: O	Buffer	Canopy	Туре	:0 (ı A	bsen	t: O
Plot 1	Leaf	Тур	e: 🚱) (Flag	Plot 2	Lea	f Typ	e: 🕒	<u> </u>)		Flag	Plot 3	Leaf	Туре	0	Ð		Flag
Big Trees (>0.3m	DBH)		0	②	0	0		Big Trees (>	-0.3m DBH)	0	0	0	3	⊙		Big Trees	(>0.3m DBH)	0	\odot		0	m
mall Trees (<0.3m	ı DBH)	0		0	0	0		Small Trees (<0.3m DBH)	0	0	2	3	<u>O</u>		Small Trees	(<0.3m DBH)	\odot		0	HILL	
Woody Shrubs, Saj (0.5m-5m F		0		2	0	0		Woody Shrubs, Saplings (0.5m-5m HIGH)					3	0			ıbs, Saplings m-5m HIGH)	\odot) ①	0	L.T	
Woody Shrubs, Sar (<0.5m l		0	0	0	0	0		Woody Shrubs, Saplings (<0.5m HiGH)					0	0			bs, Saplings 0.5m HIGH)	0	0	0		
Herbs, Forbs Gra	and sses	0	0	0	0	0		Herbs, Forbs and Grasses					0	0		Herbs,	Forbs and Grasses	0	0 0	0	0	
Bare gro			0	②	0	0	-	Bare ground ① ①					3	0		Bar	e ground	0	0 0	0	0	10.00
Litter, duff O O O O								Lit	tter, duff	0	0	0	0	0		L	itter, duff	0	0 (0	0	600
Rock (0 0 0 0									Rock	0	0	0	0	0			Rock	0	0 0		0	
Water (b) (2) (3) (0)								Water	0	Ō	<u>0</u>	3	0			Water	0	<u></u>		0		
Submerged Vegetation 0 0 0 0								St	0	0	<u> </u>	$\overline{\odot}$			Submerged Vegetation	0	0 0		0			
Vegetation C C C									egetation bubble in	ndicat			$\underline{}$	_	unfilled							•
Stressor Presence/Absence - Confirm that a filled data bubble indicates presence and an unfilled bubble indicates absence by filling the Residential and Urban Stressors Hydrology Stressors Agricultural & Rural															Stre	ssor	s					
Fill bubble if p	orese	nt - F	Plot	1	2	3	Flag	Fill bubble	e if prese	ent - F	Plot	1	2	3	Flag	Fill bubble	if preser	ıt - Plo	ot 1	2	3	Flag
Road - gravel		14		0	0	0		Ditches, Cl	hanneliza	ation	1979	0	0	0		Pasture/Ha	y		(0	0	
Road - two lar	ne	111	100	0	0	0	.VII	Dike/Dam/		Bed		0	0	0	1 - 1	Range		Stark	(0	0	
Road - four la	ne			0	0	0		Water Leve		l Stru	cture	0	0	0		Row Crops		ST H	C	0	0	
Parking Lot/Pa	avem	ent		0	0	0	- 11	Excavation	, Dredgir	ng		0	0	0		Fallow Field		RESTIN	G (0	0	
Golf Course				0	0	0		Fill/Spoil Banks					0	0		Fallow Field (OLD - GRASS, SHRUBS, TREES)				0	0	
Lawn/Park				0	0	0		Freshly De		Sedim	ent	0	0	0		Nursery			(0	0	
Suburban Res	sident	ial		0	0	0		Soil Loss/F	Root Expo	osure		0	0	0		Dairy			C	0	0	
Urban/Multifa:	mily	801	103	0	0	0		Wall/Ripra	Р			0	0	0		Orchard			(0	0	
Landfill		l g		0	0	0		Inlets, Out				0	0	0		Confined A	nimal Fee	ding	(0	0	
Dumping				0	0	0			R STORM			0	0	0		Rural Resid	dential		C	0	0	
Trash		ħ.		0	0	0		(EFFLUENT OR STORMWATER) Impervious surface input (SHEETFLOW)					0	0		Gravel Pit			C	0	0	
Other:				0	0	0		Other:	-			0	0	0		Irrigation	hearth in		C		0	
Other:	-			0	0	0		Other:			_	0	0	0		Other:				0	0	
Industri	al De	evelo	pmo	ent S	Stres	sor	s					ŀ	labit	at/V	egeta	tion Stress	sors					
Fill bubble if p	orese	nt - F	Plot	1	2	3	Flag	Fill bubble	if prese	nt - F	lot	1	2	3	Flag	Fill bubb	le if prese	ent - P	lot 1	2	3	Flag
Oil Drilling				0	0	0		Forest Clea	r Cut			0	0	0		Herbicide U	se		C	0	0	
Gas Wells				0	0	0		Forest Sele	ctive Cut			0	0	0		Mowing/Shi	rub Cutting)	C	0	0	
Mine (surface)								Tree Planta		1		0	0	0		Trails			C	0	0	Ž.
Mine (underground)							Tree Canop (INSECT)	y Herbivo	ory		0	0	0		Soil Compa (ANIMAL OR H			C	0	0		
Military O O O							(INSECT) Shrub Layer Browsed (WILD OR DOMESTIC)				0	0	0		Offroad veh		_	C	0	0		
Other: O O O							Highly Grazed Grasses (OVERALL < HIGH)				0	0	0		Soil erosion (FROM WIND, WATER, OR OVERUSE)			ER,	0	0		
Other: O O O							Recently Burned Forest Canopy				0	0	0		Other:				0	0		
Other: O O O							Recently Burned Grassland (BLACKENED)					0	0		Other:			_ (0	0		
Flag codes: K = No measurement made, U = Sus								= Suspect measurement., F1,F2, etc. = misc. flags assigned by each field crew. ail flags in comment section on the back of this form							6830	4	•					

								\ /								1							
FORM B-1: BUFFER SAMPLE PLOTS (Front) Reviewed by (initial): DATE: Ø9 0 5 2 0 1 2																							
Location: Fill in bubble(s) if plot(s) could not be sampled and flag →																							
Location:																	sample	d an	nd fl	ag -	→		
O AA Cen	iter	0	N	0	S	O	E 0	W		lot 1		-	Plot			Plot 3			K To				
Fill in bubbles for Strata Section: F								is; E = Evergre		ype: B	B = Bro	oadlea	f; N = 1	Needle	e Leaf. A			vy (40-	75%);	4 = V	ery H	eavy (>75%)
Buffer Ca	пору	/ Тур	e: 🕝	0 () A	bsen	it: O	Buffer	Canopy	у Тур	e: () () AI	bsent	t: O	Buffer	Canopy	Туре	: 🕝	(E)	Ab	sent	: 0
Plot 1	Leaf	f Тур	e: @	0	扩		Flag	Plot 2	Lea	f Тур	e: (<u> </u>	_		Flag	Plot 3		Туре	=	<u> </u>			Flag
Big Trees (>0.3m	DBH)	0	0	0	0	6		Big Trees (>	•0.3m DBH)	0	0	0	0	0		Big Trees	(>0.3m DBH)	0	o l	0	0	0	fully in
mall Trees (<0.3m	DBH)	0	0	0	0	0		Small Trees (<0.3m DBH)					0		L	Small Trees	(<0.3m DBH)	0	0	0	0	0	L Y
Voody Shrubs, Sap (0.5m-5m H		0	6	0	0	0		Woody Shrubs, Saplings (0.5m-5m HIGH)					•	0		Woody Shru (0.5	Ō	0	0	0	in a		
Voody Shrubs, Sap (<0.5m H	lings	0	0	0	0	0		Woody Shrubs, Saplings (<0.5m HIGH)					0	Ō	< _	Woody Shru	Ō		0	0			
Herbs, Forbs		0	0	0	0	0		Woody Shrubs, Saplings (<0.5m HIGH) Herbs, Forbs and Grasses						6			Forbs and Grasses	0	Ŏ	<u></u>	$\overline{}$	•	
Bare grou	_	0	•	0	0	0		Bare ground					0	0		Bar	e ground	=-	Ō	-	0	0	- 4
Litter, o	duff	0	0	0	0	1		Lit	tter, duff	Ō	Ō	0	0	0		L	itter, duff	0	Ŏ		Ŏ	Ö	
R	ock	0	0	0	0	0			Rock	0	0	0	0	0			Rock			0	0	ŏ	
Wa	ater		Ō	0	0	0	,		Water	Ö	0	0	0	$\frac{\circ}{\circ}$			Water		0	0	0	ð	1
Subme	rged		0	2	0	$\overline{\odot}$			ubmerged	6	0	0	0	$\overline{\odot}$			Submerged		0	0	<u></u>	ð	
Vegeta Stressor F		ence	-	\subseteq			rm that		egetation bubble in						unfilled		Vegetation ates abse	nce by					a
Stressor Presence/Absence - Confirm that a filled data bubble indicates presence and an unfilled bubble indicates absence by filling the Residential and Urban Stressors Hydrology Stressors Agricultural & Rural \$																							
Residential and Urban Stressors Hydrology Stressors Agricultural & Rural S fill bubble if present - Plot															-	2	3	Flag					
Road - gravel			690	0	0	0		Ditches, Ch				0	0	0	2	Pasture/Ha				0	0	0	
Road - two lan	е	1-2-4		0	0	0	3	Dike/Dam/F	Road/RR			0	0	0	~	Range				0	0	0	
Road - four lan	ne			0	0	0		Water Leve		l Stru	cture	-	0	0		Row Crops				0	0	0	
Parking Lot/Pa	vem	ent		0	0	0	4.0	Excavation	, Dredgin	ng		0	0	O		Fallow Field	(RECENT-R	RESTIN	G	0	0	0	30
Golf Course				O	0	0	-	Fill/Spoil Banks					0	O	7	Fallow Field SHRUBS, TRE	d (OLD - GRA	ASS,		0	0	0	bii.
Lawn/Park	317	6.53		0	0	0		Freshly De		edim	ent	0	0	O		Nursery	201	E S		0	0	0	
Suburban Resi	identi	ial		0	0	0		Soil Loss/R		sure		0	0	0		Dairy				0	0	0	
Urban/Multifam	nily			0	0	0		Wall/Riprag	р			0	0	0		Orchard	- Interior			0	0	0	V II
Landfill				0	0	0		Inlets, Outle				0	0	0		Confined A	nimal Feed	ding		0	0	0	Īğ.
Dumping				0	0	0		Point Source (EFFLUENT O	R STORMA	VATER)	0	0	0	1	Rural Resid	dential			0	0	0	
Trash				0	0	0	=	Impervious (SHEETFLOW	surface	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	1	Other:				0	0	0	
Industria	il De	velo	pme	ent S	tres	sore	3					ŀ	labit	tat/V	egetat	tion Stress	ors		04:1				
ill bubble if p	resei	nt - P	Plot	1	2	3	Flag	Fill bubble	if presen	nt - F	Plot	1	2	3	Flag	Fill bubbl	le if prese	nt - P	lot	1	2	3	Flag
Oil Drilling				0	0	0		Forest Clear	r Cut			0	0	0		Herbicide U	se			0	0	0	
Gas Wells				0	0	0		Forest Selec	ctive Cut			0	0	0		Mowing/Shr		lla L	1000	0	0	0	
Mine (surface)								Tree Plantat	ion	VIId	275	0	0	0		Trails	all it			0	0	0	1
Mine (underground)								Tree Canopy		ry		0	0	0		Soil Compa				0	0	0	
Military O O O								Shrub Layer		t	1	0	@	0		Offroad veh		16		0	0	0	-
Other: O O O							i		ed Grass	es		0	0	0		Soil erosion	(FROM WINI		ED	0	0	0	
								Recently Burned Forest					Correct Control			OR OVERUSE)	1,15,15		-			13 3	
D.								Canopy Decently Burned Graceland				0	0	0		Other:				0		0	
Other: U O O O (BLACKENED) O O O Other: U O O O												0	7,000										
						Expla		uspect measu ags in comme							gnea by	/ each neid Cr	ew.	2	428	168	304		
Buffer	Sam	pie r	TOTS	05/	/27/2	TITO"																	