Project Label:	PCAP	Plot	t No: 12	<u>ටර්</u> Da	ate Sample	d: 7-24.	Lead	Eys
			·			12		
D. 17. 74	. CD I D I I	8	7			uired if item a		*
2.	de of Park Boundaries:	1 XX (1)		s, write de	tails in Cor	nments section	below	
Field journals comple		YN						
Site sketch made on 1		<u> </u>						
heck cover page	X-axis Bearing of plot recorded	1 0			· ·			
	GPS coords. Recorded	1 1	1					
	North direction recorded	(Y) N	1			** "		
	Photographs taken?	1 (2)	1				-	
lot No., Date agreem		(Y) N	1					
eader data complete			1					
over classes recorded	d in all Intensive modules	W V	1					
owse Level By Spec	cies	(A) V	1					
oody stem quality c	ontrol check	(3) N	N .					
vasive plant quality	control check	(Y) N	1					
sh trees mapped		(Y) N	1					
over by Strata? (conf	firm cover type)	Y N	1					
il samples collected	with matching plot #.	(Y) N	1					
ouchers labeled on d	atasheet with initials and number	(Y) N	1					
ouchers labeled on c	ollection bag	OP N	ı					
nk flags removed		YN	1					
ita sheet QA before	leaving site?	Y N	1					
mmon equipment re	eturned to tub.	Y N	1					
ta sheets scanned?		7/2511	Enter	date to le	ft NZ			
nal data sheets scann	ned?		Enter	date to le	ft			
ffer Widths measure	ed?	(Y) N	1 1/4	17	-3-1	2		
eb Soil Survey		(Y) N	7	< 7-	27-	12		
oucher Location	Refrigerator	Y N	1		_			
vouchers collected)	Press (#)		Enter	number to	o left			
DC 0	Drier	Y N				, ,,		
57.5	Identified	Ý N						
RG 570	Mounted	Y N						
	Thrown away	Y N						
	7/		***			-20-10		
TS point Prificati	ion: Is plot sampleable?		2-1-1-1					
Yes	Original GRTS point is sampleable	. 1 11	(CIL:					
□ No	Original GRTS point lands in a non-		ea (fill in ca	tegory be	low)			
	☐ Managed mowed area (i.e. golf of		right_of_way	()	<u></u>			
	Paved area (i.e. parkinglot, road)	ourse, prome area	-, rigin-or-way	<i>,</i>	·			
	☐ Unsafe to sample (i.e. steep slope	)						
	□ Other				*		100	
ditional Comments		105						
rbat Golfe	WISCON WINCE OF CRE	eler of	Contert	idge.	Walk	1.2 Km	ton pp	7
and the second second second second second	to Know C ADT TO 11	10 300	0 10 10	trebe		1120	1. 1	77.4
my Gocker	C D MALE TO THE REAL PROPERTY OF THE PARTY O							
Park in	BW parking 1	of. T	ake	rail	les	t to 1	poutle	gtra

TAXONOMIC STANDARD  Authority: G&C Pub Date: 1998  Minimum required fields in Bold and Underlined	high modera low not smpl vascul. \(\frac{n}{a}\)	GENERAL INFORMATION  Project Label: PCAP  Project Name: 5/3 to 26/2  Plot No.:   258  Level 4 (no nested corners sampled)  Level 5 (nested corners sampled)  Level 5 (nested corners sampled)  Level 5 (nested corners sampled)  Level 6 (nested corners sampled)  Level 7 (no nested corners sampled)  Role: 1 day): / /  Party   Role: Role**  S. £ 450   20   20    Party   Role**  S. £ 450   Plot leader  A. Youre   A550    PATONOT SAMPLED:   Other  Prom. water   Paved   Slope   Safety  SAMPLING QUALITY*  Effort Level:   Subjective evaluation of sampling. Hurried plots sampling. Hurrie	CLEVELAND METROPARKS Plant Cor
□ Random □ Stratified Random □ Transect component □ Systematic (grid) □ Capture specific feature □ Other *Definitions and values in CM PCAP FOM v. 1.0 and CVS Field Guide	Intensive modules: 2, 3, 8, 9  Camera No.:   Photo Nos.:  Plot placement: VGRTS   Representative	LOCATION  State: OH County Co ylogge  Local Place Names: Fact but to be the state of the state o	CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet
Herb:	opy: Ash, Basswood, Beech, M	Bedles from  Bedles from  Bedles from  Bedles from  #10  #10  #10  #10  #10  #11  #11  #1	d Data Sheet

CLEVELAND ME	CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet 2a	ent Program Speci	es Cover	Data She	et 2a		2			0	Page	of		
Project Label:	PCAP	Project name:	0/8	C 10E MB 1		Plot no.:	1200				1			
Total modules:	10	Intensive modules:	E	Plot configuration:	guration:	0 0	SXC		Plot	агеа (	Plot area (ha):	1	T.	
<b>◎</b>	Br = Browse Level. Use cover classes to	Estimate for each intensive module:	mod corner	mod corner		mod corner		cov depth	th cov	mod	cov depth	mod corner	ner mod	comer
Cleveland Metroparks	describe amount of browse per species over entire plot	%unvegetated open water	) O C		00			-00 	+		20C			
Strata - Cov. entire plot	ř	%unveg. litter (bare litter)	1 2		1-0-			_9_	$\perp$		20			
T S H (F)(A) Br		c Voucher#	depth cov	depth cov	depth cov	depth cov	v depth	cov depth	th cov	depth	cov d	depth cov	v depth	COV
	7 Polygonum Virginianum		93	W	2	Ī	-	2		W	١		. 11000	
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ଷ	7 /	,	ر ا		12		_			-	1		April 1	
662	9 Facus aranolifolia		× ×	=		4 4	1	نہ	,	Ĺ	9	18		
41	Fraxinus ameriama zsa barr	XSRF 572	147		27	τ.	برو	6		-,	6			
6.5	O Tilia omericana				2	4				-	1 4			
4	Ulmus comericano		بر 1											
s)	u		<b>(1)</b>		1									
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	<u>5</u> -		رر در					M		بر	ند			
6 &i	5		_	43	WH	(i)	رو	Λ.	-	Ñ	S	2		
2	Dryopteris carthusiana		 دع			5		<u>_</u> -	_	-1	2			
כפ				نع	-12		ن	\\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\	-	4	-08		
76	3		<u>-</u>		8	W	ව ව	2		1	7	Y	19.74	
نع	Muss sp		12		1	4	_	U		A				
	Actea clb		ر بر											
	10 Ross multiflora		2 /					- —			_			
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ىر	Arisagma triphyllum vac	in triphy Ilm	ر ا		2		N	2) W		=	9		encor.	
S)	Impetions so	-		ر م				ļ 						
શ	Hydrophy llum Virgiana					الم		4 1	7	1	2	_	10.75	
ಲ	Toxicoclengtion Godican		_	,		2	۲	<u>بر</u>		_	2			
n	albusina	XISRE 570	1				N	ಶು		N	2			
&	50				<i>لا</i>	മ	(D)	2	_	-		2	2	
25	la of				1 2		نی	2		• )	2			

Project Label:  POAP  Project name: CIPCLANCIA  Pot non: I door on a lamb and	CLEVELAND MET	ROPARKS Plant Community Assessn	neet 2a	1
Br - Brown Level Use cover classes to inference metal and control and some many control and control an	Total modules:		Plot configuration: DXA	V
Servedianth	<b>®</b>	Br = Browse Level. Use cover classes to	mod corner, mod corner	
Species of Wouther # sam or sa	Cieveland Metroparks	describe amount of browse per species over entire plot		
SHIPPONEN CARDED Species C Voucher# and all all all all all all all all all al	Strata - Cov. entire plot			
Cartagous Sp.  Createsous Sp.  (Astructure Bourse)  2 10 Unit Scrotics  Acer rubourn  Acer rubourn  Acer rubourn  Acer rubourn  Color rubourn  Acer rubourn  Alberta patiolate  Alberta patiolate  Alberta patiolate  Alberta patiolate  Alberta patiolate  Color amphibia  Acerdinas rucultanas  Acerdinas rucultanas  Alberta patiolate  Alberta patio	S		Voucher# depth cov	
Cretacys sp. (Astrocesce-Boused)  2 10° Upk dicot (Astrocesce-Boused)  2 10° Upk dicot (Astrocesce-Boused)  2 11° Lawsla Wajintea.  A Car rubyum  2 11° Chinacysty llum cana dense  2 11° Chinacysty llum canalibrius  3 12° 22° 12° 12° 12° 12° 12° 12° 12° 12°	l.	٦	22267	
2 10 Unk dicest (Asterdade-Bankal)  3 Princips services  4 Lawrise virginales  4 Lawrise roborn  3 Actor roborn  4 April 3 2  4 April 3 2  4 April 3 2  5 Miss sp. (See elling)  5 Miller phyllom cance dense  1 Might rice phyllom cance dense  1 Ribes sp.  1 Correct Strictes  1 Ribes sp. (See elling)  2 Roborns Sp. (See elling)	N	1	_	
2 Prince Service  After roborn  After roborn		"Unk du cost (A	Browsal 21	,
Acar roborn  Alleria fully stident  Alleria	دو	Princes sorotine	2 - W	
Acer Norm	-	LOOPSIG VIGITAL CA		
Who sp. (seeding)  Who skelie virginary  Riccare wishide  Smiles hispide  Whydrephyllum considered  Albert a patiolate  Concert a Striata  Riber sp.  Ticarella conditation  Riber sp.  To calle conditation  Riber sp.  Striata  Robert sp. (seedland)		Acer rubrum	4 3	
Ulmus sp. (seedling)  Hackelia viryintura  8 Circaea Westiana  Srivilax hispida  Srivilax hispida  No Hydrophyllum cane alense  Ribes sp.  Calycaria striata  Ribes sp.  Ticas la corelibais  Echinocystis lobata  Ribes sp.  Caren amphibaia  XSRESTI  Rhomans caroliana  XSRESTI  Rhomans caroliana  Rhomans caroliana  Robert fungy	g)	Viola sp.	2	
Richard Westiana 21  Smiles hispide  Smiles hispide  Whatephyllum dance dense  Alberia patiolate  Calyceria Striata  Ribes sp.  Ticrella constitutivs  Echinocystis lobata  Corlos amphibia  Rhomans careba franzi  SRESTI	ಬ	50.	12	
Scircaec westiana  Smiles hispide  Manadense  Mandelstram acrostichuides  Alberta putiolata  Coluceria striata  Ribes sp.  Ticarella corellations  Colora amphibala  Rhamans carellana  XSRESTI  Rhamans carellana  XSRESTI		tackelia vira	21	
Smiles hispide  To Hydrophyllum cancedense  To Hydrophyllum cancedense  Dempeters Adystitchum acrostichwiches  Altaria patiolata  Glyceria striata  Ribes sp.  Ticcolla corelibations  Echinocystis lobata  Quorcus sp. (seedling)  Caron amphibala  Rhamans caroli an a XSRES71		Circala W	- 2	
Mysteria Rhystirchum acrostichuscles  Alberia petiolata  Alberia petiolata  Colyceria Striata  Ribes sp.  Tricrilla corelibilius  Echinocystis lobata  Corons sp. (seedling)  Corons amphibola  Rhomans carobe français  Rhomans carobe français		Smiley hispi	7 23	
Alberia patiolata Alberia patiolata Alberia patiolata  Alberia patiolata  Alberia patiolata  Alberia patiolata  Alberia patiolata  Alberia patiolata  Ribes sp.  Triarella corelibilities  Echinocystis lobata  Echinocystis lobata  Avorius sp. (seedland)  Carlon amphibaia  Rhamaus carellana  Rhamaus carebae fruncy  R		Hydrophyllum		
Alberia petiolata  Cilyceria Striata  Ribes sp.  Tracella cordinativs  Echinocystis lobata  Ovorcus sp (seedling)  Carisx amphibala  Rhomans careliana XSRES71		Designation of the	rostichoicles 121	
Ribes sp.  Ticorella cordibilius  Echinocystis lobata  Ovorcus sp (seedling)  Coron amphibala XSRES71  Rhamaus carbbe frungil		116		
Ribes sp.  Ticrella corelibativs  Echinocystis lobatic  Avorcus sp. (seeelbag)  Garpinus caroliana  Carsa amphibala  Rhamaus caroba frança  Rhamaus caroba frança	نز	reria	2	
Echinocystis lobates  Echinocystis lobates  Quorcus sp (seedling)  6 Corpinus caroliana  Cossa amphibala  Rhamaus caroba fruncis		-05		
Echinocystis lobata  Replinus Sp. (secelling)  Conson amphibola  Rhamans combbe francy:  Rhamans combbe francy:	じ	rella cordifol		
Rhamans careting XSRESTI	-	Echinocystis lobate		7
Consex amphibala XSRES71  Rhamans caretae français		Quarcus Sp. (seedling)	8	/ <sup>'</sup>
Rhamans carthe francy in R		Cordinus Car		
Caroba Francy V	ಲ	amphibola	571	1
		carobe		<u>r                                    </u>
		_		

N W W Ø ع ८ CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet CM ىد શ mod W R Linders bysoin Parthenocissus quinqueld Acer suchwarm titiodendan tomprisa Explain subsample (additional room on back) traxious americare en furpures Tillia americana Aler sucharum Parthenocissus quinque folis Fraxious americans Stording dead Acer sucharum Tilia americana Aler sarcharum Lindea benzoin quezus rubas Fraxious americana Standing head tagus grandifilia querus rubra bay lusan Fagus granditalia Acr cubcum Lindera benzoin Project Label: SRES72 CES 328 PCAP CE 3XS voucher# browsed 0-1.4m stems or super % sub Project Name: OHPCAP 3012 clumps 区 shrub # size class (cm) woody stems >1.4m M <u> </u> × 1-<2.5 0 2.5-<5 Plot No.: 1258 00 9 5-<10 10 - <15 . 15 - <20 20 - <25 Page: 25 - <30 30 - <35 으 © Gleveland Metropaiks 35 - <40 to 55.6 800 2 S.44 6.44 68.6 ġ >40 (record each tree) N 56.2 78-17-12 1.8

	Explain		CLEVELAN	
#	Explain subsample (additional room on back):	Project Label: PCAP	CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet	
stems			ssessm	
% sub		Project	ent Prog	
#		Name:	gram N	
# stems   % sub   # size class (cm) woody stems >1.4m		Project Name: 01 PCAP 2012	Vatural Woody Stem I	
s >1.4m		Plot No.: 1358	Data Sheet	
	6	Page:		
		of		
		2 September 1997	•	

Explain subsample (additional room on back):	ck):	* * * * * * * * * * * * * * * * * * *	laize class (c	size class (cm) woody stems >1 4m	° >1 4m			_			
mod # species c	voucher# browsed	or super s		2 3	Λ :		10 10 - <15	5 6 10 10 < <15 15 - <20	5 6 7 10 10-<15 15-<20 20-<25	10 10 - <15 15 - <20 20 - <25 25 - <30	5 6 7 10 10-<15 15-<20 20-<25
4 Linders benzoin	• •				- 1					- 0	- 03
5 feer sacebarron			• 0			• •					
2010	12 FIRS -1750-										
		u									
6 AKES Sauthasum			• •	9 0				•	•		•
6 Ulmus americana					/ BECOME						
			000	ę							
6 Fraxious americana parti	SREGIA										
6 Tillia americana	10						•		•		•
6 Lindar benzoin	9 8	II			VOID .						
7 Ulmus americana								. 6.	. 6	. 6	. 4
7 Avec saccharum			0	0 0							
7 Tillia annuclana	•						9	9	•	9 6	9
7 Frayous Americana T	75 25C										
7 Standing dead											•
7 Linder bragin	• • •	ŭ									
18 Cara coodiformis											
Reco			6	• •	LUMP	0	8				
8 Fagus grandifolia										•	
8 Lindera benzoin	6 9 9	II									
B Standing dead			•								
18 Barthenpoissus quinquesolla				0							
19 Standing dead			•								
9 Aver saccharum				0 0							

10 10 Acer rubum 0 0 10 Pacthenaissus quinque fou CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet Linders benzoin Parthenocisus cunque folia Act sauthernm Fraxious americans part SRI 572 Explain subsample (additional room on back) Lindera bemain Project Label: PCAP voucher# # stems browsed 0-1.4m or super sample % sub Project Name: 01 pcaraola 区に clumps Ø shrub # 区 size class (cm) woody stems >1.4m Q-<1 1-<2.5 9 2.5-<5 Plot No.: 1258 5-<10 10 - <15 15 - <20 ტ 20 - <25 Page: 3 25 - <30 30 - <35 으 9 © Gleveland Metropaths 0 35 - <40 10 9.44 >40 (record each tree) 1

\* If Ash Condition scores 5 (dead) provide breakup score (A-E)
Count EAB exit holes 1.25m≥ x ≥1.5m
Woodpecker and epicormic marked present (1) or absent (0)

Page: 1 of 2

CLEVELAND METROPARKS Emerald Ash Borer - Fraxinus Sheet

	Mondracker	DRH Ht Ash Deed # Evit Enicormic Whodnecker	ik III viit	, Dead	Ash	Į	781	d	Ď
		Only	ASH Onl					5KE 10-23-12	
Plot No.: 1858 Date: 7/84/8018	1008	Plot No.:		F3012	143	10	Project Name: OI FCAT 2012	Project Label: PCAP	
ONLY TREES > 10CM ONLY	NTENSIVE MODULES ONLY	INTENSIV			2		inus Sheet	ND METROPARKS Emerald Ash Borer - Fraxinus Shee	2
									l

															7200						9	W	S	ی	Module	
25	24	23	22	21	20	19	18	17	16	15	14	3	12	=	10	9	00	7	o	(J)	4	ω	2		ID.	
																						Faxinus amoreum		Fraxing Cymericina	Species	10000
																									Dead	
															THE REAL PROPERTY.						+			Set STD	c Voucher#	
																					5)./	56.2	37.5	_	(cm) DBH	
																					S	نڥ	W	ಖ	Ash Dead Condition	
															No.						m				*Dead	
																					0	0	×		#Exit Epic	
																					0	0	1	0	sent	
																					1	_	X -	0	Woodpecker holes	

\*\*\* Change intensive module numbers when necessary

Z

g

**ω** 

4

Map all ash trees ≥10cm in each module using Tree ID number

2

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

Project Label: PCAP Project Name: 0/ CAP 30/ 3

2012

Plot No.: 1258

(C) Discontinued Methopserical Page: 1 of 1

in 0 Im clip plots (32x32 cm) from comers I and 3 in each intensive module. Required for VIBI-E score calculation. C?=check when STANDING BIONIASS (required for emergent wetlands) collected

Module #	C?	Corner Corner	Corner
			1
	*		

CLASSIFICATION		
(FIT = excellent, g Fit and Confidence		
Hydrogeomorphic class (WETLANDS ONLY):		
DEPRESSION	T T	Conf=
□ IMPOUNDMENT □ Beaver □ Human	7	Conf=
□ RIVERINE □ Headwater □ Mainstem □ Channel	7	Conf=
□ SLOPE (ground water hydrology or on a physical slop)	III	Conf=
□ FRINGING □ Reservoir □ Natural Lake	77	Conf=

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

LFI\*

LFI is angle of plot to the

horizon. TSI is

## MICROTOPOGRAPHIC FEATURE COUNTS - Intensive modules only

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 weltand 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

							:		
0	ナ	0	1	13	4	/	0		9
0	W	0	V	13	\	0	0		29
0	W	0	0	14	શ	0	0		W
0	4	/	0	2	ى	೩	0		ی
(rank)	(rank)	(count)	(count)	(count)	(count)	(count)	(count)	corner	mod#
10x10m	10x10m	10x10m	10x10m	10x10m	10x10m	3.16x3.16m	lxim		
SLOPE	depth I	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	по, тасто	no. of	no. of		
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	c.w.d count for pieces with minimum 1m length	for pieces with r	c.w.d count				_	

TR. Conf=\_

+135 degrees

SE

+90 degrees +45 degrees At aspect

angles formed by local slopes. For TSI measure

recorders eye to

NH.

+180 degrees +225 degrees

SW

٤

away standing -10 m eye of person angle from

□ COASTAL (specify subclass) BOG (strongly, moderately, weekly ombrotrophic) Ŧ

□ FOREST □ swamp forest □ bog forest □ forest seep Ohio EPA VIBI Plant Community Class (WETLANDS ONLY):

□ EMERGENT □ marsh □ wet meadow □ open bog SHRUB a shrub swamp a tall sh. bog a tall sh. fen Fil= Fil=

\*\* Terrain Shape Index (site microtopographic shape)

Landform Index (position within landscape)

+315 degrees +27() degrees

WN

FI

Conf-

Conf-Conf Conf=

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

9	œ	3	2	Nodule
S)	W	2	4	z
&	<b>~</b> 1	3	7	s
B	શ્	ע	3	E .
W.	4	S	4	W

0

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

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

Project label: PCAP Project Name: Office PCAP 201

Plot No.: 1258

(C) Citeveland Metroparks

Page: 1 of 1

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

Soil pit module # 3 (one per entire plot)

						20 cm							6 cm
hydro cond ***	redox features**	texture*	oxid roots	%mottle	mottle color	matrix color	hydr cond ***	redox features*	texture*	oxid roots	%mottle	mottle color	matrix color
** 1 S M (D)	\frac{1}{2}	_	< 2	NA	DIN	らなとる	1 S M	· · · · · · · · · · · · · · · · · · ·	_	Y N	NA	NA	10 YR 2/2
		_	à			-			1				_

refer to texture classes on reverse side

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

Notes: include evidence of earthworms (worms, rindundated Srsaturated Memoist Dedry

(F) castings

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

TRAIL INFORMATION:

scord type and cover for each

ype

%Cover

-	I es	I <del></del>	Ico	Tea		Ico
Parent Material	epth to re	andform	oil Series	oil Series	2,3,8,9 composited	oil Colle
lerial	Depth to rest Layer	Landform type Lake Plains	Soil Series Source Ohio Soil Survey	Пуре: М	nposited	Soil Collection Module Horizon (A, B, C)
7:11		ace	Ohio Soil	+4, M		luleHoriz
	-40	Pla),	Survey	子で		on (A, B,
	20-40 Juches 76.12	ý	'	Soil Series/Type M+4, M+1-6-99 S)1+1000-	>	C
	76.			1000		•
	7			1		

 Well drained Excessively dr. Somewhat poorly dr. Impermeable surface □ Somewhat excessively Moderately well dr. Very poorly dr.

としてなっととて

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

2	Ø	Z	ىع	mod#
4.7	نه	2.4	22	1 litter+ organic depth (cm)
4.2	3,2	4.8	3.3	2 litter depth (cm)
0	0	0	0	water depth (cm)
730	730	>30	>30	depth sat

			6.15cm			Î				_	
**** <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	-	Q	99	Q	percent	Surface*	CE & GROUI
Other	Road/Trail	Bare Soil	Water	Bryophyte- Lichen	Duff (Ferm. + Humus)	Litter	Fine Woody Debris****	Coarse Woody Debris***	(Each ≤ 100%)	Ground Cover	ND COVER
0	Q.	ઇ	Ø	N	Q	25	W	8	percent		

Hiking sanctioned

Bootleg unsanctioned

Bridle

All Purpose

COVER BY STRATA		
STRATA		
%		
	_	

estimate using midpoints of 5,ex:3, 8, 13

Strata	Height Range (m)	Total Cover (%)
Tree	25	<b>E</b> b
Shrub	.5 . 5	48
Herb	<b>ح</b> رج	13
(Floating)*	1	
(Aquatic)*	ŧ	
* rooted and fi	<ul> <li>rooted and floating or slightly emersed</li> </ul>	sed

No trail	□ Deer
5	Г

Gravel

□ < plot size	□ 1-3 x plot size	a 3-10 x plot size	10-100 x plot size	□ > 100 x plot size	□ >600 x plot size	STAND SIZE	
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SEE BACK OF PAGE FOR "TYPICAL"STRATA DESCRIPTIONS. STRATA CAN VARY BY COVER TYPE.

submersed, most plant mass below surface

Site	FORM B-1: BUFFER SAMPLE PLOTS (Front)  Partial:  DATE: 07   24   20   2  Location:  Fill in bubble(s) if plot(s) could not be sampled and flag —																					
		JH	BW!	145	8				T em	in h	ubb	lo(a)	if n								<u></u>	
Location AA C		_	N INI	0		OE	- 0	w		lot 1			Plot			lot 3	Sampleu d	ina n	ay -			
WAAL	enter		N	U	3	O E			Buffer			IIIAll				1013						
Fill in bubble Strata Section	es for all th on: Fill in a	at app	oly: Ca oriate d	nopy cover o	Type: lass t	D = D	eciduou for eacl	s: E = Everare	en Leaf T	vne: B	= Bro	adlea	: N = 1	Veedle	Leaf. A	bsent: No tree derate(10-40°	e canopy. %); 3 = Heavy (4	0-75%);	4 = V	ery He	avy (	>75%)
Buffer	Canopy	у Тур	e: <b>(</b>		) AI	bsen	: O	Buffer	Canopy	у Тур	e: 🕝	) (	) At	sent	: O	Buffer	Canopy Typ	oe: 🗿	0	Ab	sent	: O
Plot 1	Lea	f Typ	e: <b>(</b>	(			Flag	Plot 2	Lea	f Typ	e: (	) (			Flag	Plot 3	Leaf Typ	pe: 🕦	0		_ T	Flag
Big Trees (>	0.3m DBH)	0	0	<b>②</b>	3	0		Big Trees (>	-0.3m DBH)	0	0	0	0	0	Tul II	Big Trees	(>0.3m DBH)		0	<u> </u>	0	U
mall Trees (<	0.3m DBH)	0	0	3	0	0	- 20.5	Small Trees (	<0.3m DBH)	0	0	0	0	0		Small Trees	(<0.3m DBH)		0	<u> </u>	0	
Woody Shrubs (0.5m-	s, Saplings -5m HIGH)	0	0	0	0	0		Woody Shrub (0.5m	s, Saplings +5m HIGH)	0	0	0	0	0			m-5m HIGH)	0	0	0	0	
Woody Shrubs	s, Saplings .5m HIGH)	0	0	0	0	0		Woody Shrub (<0	s, Saplings ).5m HIGH)	0	0	0	0	0			bs, Saplings 0.5m HIGH)	0	0	0	0	
Herbs, F	orbs and Grasses	0	0	0	0	0		Herbs, I	orbs and Grasses	0	0	0	0	0		Herbs,	Forbs and Grasses	0	0	0	0	
Bare	ground	0	0	0	0	0	-	Bare	ground	0	0	0	0	0		Bar	e ground 💽	0	0	0	0	
Lit	ter, duff	0	0	0	0	0		Li	tter, duff	0	0	0	0	0		L	itter, duff	0	0	0	0	
Rock O O O									Rock	Ō	0	0	0	Ō			Rock ①	0	0	0	0	
	Water	9	Ō	0	0	0	7/	-	Water	0	0	0	0	ŏ			Water ①	1-1	0	<u></u>	0	
	ubmerged	4	-	-		-			ubmerged				<u></u>				Submerged	0	ŏ	0	$\tilde{\odot}$	
Vegetation Vegetation Vegetation																$\underline{}$	$\subseteq$					
Stressor Presence/Absence - Confirm that a filled data bubble indicates presence and an unfilled bubble indicates absence by filling this bubble indicates absen														N								
				1						-	- Y-36	1					e if present -		1	2	3	Flag
Fill bubble		ent - I	Plot	1	2	3	Flag	Fill bubble			lot	1	2	3	Flag			TIOL				riay
Road - gra				0	0	0		Ditches, C Dike/Dam/				0	0	0		Pasture/Ha	ч		0			-11
Road - two				0	0	0		(IMPEDE FLO	W)			0	0	0	-	Range			0	0	0	
Road - fou				0	0	0		Water Lev			cture	-	0	0		Row Crops	d (RECENT-RES)	TING	0	0	0	10
Parking Lo	-	nent		0	0	0		Excavation		ng		0	0	0		ROW CROP FIEL			0	0	0	
Golf Coun				0	0	0		Fill/Spoil B		Sedin	ent	0	0	0	-	SHRUBS, TRE			0	0	0	
Lawn/Parl				0	0	0		(UNVEGETAT	ED)			0	0	0		Nursery			0	0	0	
Suburban		itial		0	0	0		Soil Loss/F		USUIE		0	0	0		Orchard			0	0	0	
Urban/Mu	ltifamily			0	0	0		Wall/Ripra				0	0	0			-i1 Fooding					
Landfill				0	0	0		Inlets, Out Point Sour				0	0	0		Rural Resi	nimal Feeding		0	0	0	
Dumping				0	0	0		(EFFLUENT O	OR STORM	VATER	(3	0	0	0		Gravel Pit	gendal		0	0	0	-
Trash				0	0	0		(SHEETFLOV				0	0	0				15.4	0	0	0	
Other:			_	0	0	0		Other:				0	0	0		Irrigation		-	0	0	0	
Other:				0	0	0		Other:				0	0	0	100000	Other:		10.00	0	0	0	ALC: N
Indu	strial D	evel	opm	ent S	Stres	sor	8						Habii	tat/V	egeta	tion Stress	sors		1915			545
Fill bubble	e if pres	ent -	Plot	1	2	3	Flag	Fill bubble	if prese	nt - I	Plot	1	2	3	Flag	Fill bubb	le if present	- Plot	1	2	3	Flag
Oil Drilling				0	0	0		Forest Clea	r Cut			0	0	0		Herbicide L	Jse		0	0	0	
Gas Wells	Gas Wells OOO							Forest Sele	ctive Cut			0	0	0		Mowing/Sh	rub Cutting		0	0	0	
Mine (surface)							Tree Planta	tion			0	0	0		Trails			0	0	0		
Mine (underground)							Tree Canop		ory	110	0	0	0		Soil Compa		131	0	0	0		
Military OOO							Shrub Laye		d		0	0	0		Street, section of	nicle damage		0	0	0		
							(WILD OR DO! Highly Graz	ed Grass	ses		0		0		Soil erosion	1 (FROM WIND, V	VATER,	0	0	0		
							(OVERALL <3* Recently B		rest		-	0	1		OR OVERUSE	)	1				_	
Other: O O O						Canopy Recently B			nd	0	0	0		Other:			0	0	0			
								(BLACKENED)				0	0	0		Other:			0	0	0	1 150
	i <b>ag codes</b> uffer Sar				/27/	Exp	a, U = S iain ail 1	luspect meas lags in comn	urement., nent sectio	F1,F	z, etc. the b	= mis ack of	c. nag this fo	s ass orm	igned b	y each field c	rew.	242	8168	3304		D

FORM B-1: BUFFER SAMPLE PLOTS (Front)  Reviewed by (initial):																							
Site	ID: ρ	CAP	RW	137	-0										The second	: 0.7	124	1	2	0	1		
Location		Dra	UIV	105	0		T N.		Fill	in b	ubb	le(s	if p		100	ıld not be							- 1
OAAC	Center	•	N	0	S	O	≣ 0	W		Plot 1			Plot			Plot 3							
									Buffer														
Fill in bubble Strata Section	es for all thon: Fill in a	nat app approp	ply: Ca priate o	nopy cover	Type: class t	D = C oubble	e for eac	s; E = Evergre h strata type fo	en. Leaf T or each plo	ype: E	3 = Bn Abser	oadlea nt; 1 = :	f; N = I Sparse	Needle (<10%	e Leaf. A 6); 2=M	Absent: No tree oderate(10-40	e canopy. %); 3 = Heav	y (40-7	75%);	4 = Ve	ery He	avy (	>75%)
Buffer	Canop				4	osen	t: O	Buffer	Canop	у Тур	e: 🌘	) (	) At	sent	: O	Buffer	Canopy	Type	: 🚳	0	Ab	sent	0
Plot 1	Lea	f Typ	e: 🜘	(			Flag	Plot 2	Lea	f Typ	e: (	) (		_	Flag	Plot 3	Leaf	Type:		0			Flag
Big Trees (>	0.3m DBH)	0	0	<b>(</b>	0	0		Big Trees (>	-0.3m DBH)	0	0	0		0		Big Trees	(>0.3m DBH)	$\odot$	0		<u> </u>	0	
Small Trees (<	(0.3m DBH)	0	0	3	0	0		Small Trees (	<0.3m DBH	0	0	•	0	0	16	Small Trees	100	<u> </u>	<u> </u>	<u> </u>		0	
Woody Shrubs (0.5m-	s, Saplings -5m HIGH)	0	0	0	0	0		Woody Shrub: (0.5m	s, Saplings -5m HIGH)		0		0	0			ibs, Saplings im-5m HIGH)	$\odot$	0		0	0	
Woody Shrubs (<0.	s, Saplings .5m HIGH)	0	0	<b>②</b>	0	0		Woody Shrub: (<0	s, Saplings ).5m HIGH)		•	0	3	0		Woody Shru	bs, Saplings 0.5m HIGH)	0	0	2	0	0	
Herbs, F	orbs and Grasses	0	0	(2)	0	0		Herbs, F	Forbs and Grasses	0	•	0	0	0		Herbs,	Forbs and Grasses	$\odot$	厦		0	0	-0
Bare	ground	0	0	0	0	0		Bare	ground	0	0	0	0	0		Bar	e ground	0	0	2	0	0	
Litt	ter, duff	0	0	<b>②</b>	0	0		Lit	tter, duff	0	0	(2)	0	0		L	itter, duff	0	0	3	o l	0	
	Rock	0	0	<b>②</b>	0	0			Rock	0	0	0	0	0		8	Rock	0	<b>6</b>	3	0	0	
Water ( 10 0 0 0 0									Water	0	0	0	0	ŏ			Water		_	_	Ŏ	Ŏ	
			=	$\stackrel{\sim}{\sim}$	=	0				<b>a</b>	<u>~</u>		$\overline{}$					=	$\stackrel{\smile}{=}$	-	<u></u>	ŏ	1 10
Submerged Vegetation Vegetation Submerged Vegetation Ve													_		$\preceq$	9							
Residential and Urban Stressors  Hydrology Stressors  Agricultural & Rural Str														ress	ors								
Fill bubble	if prese	ent - I	Plot	1	2	3	Flag	Fill bubble	e if prese	ent - I	Plot	1	2	3	Flag	Fill bubble	if present	t - Plo	ot	1	2	3	Flag
Road - gra	ill bubble if present - Plot 1 2 3 Fig Road - gravel O O O							Ditches, C	hanneliza	ation		0	0	0		Pasture/Ha	ıy			0	0	0	
Road - two				0	0	0		Dike/Dam/	Road/RF			0	0	0		Range	Carter.		-	o	0	0	
Road - fou	ır lane		N.	0	0	O		Water Lev		l Stru	cture	+	0	0		Row Crops			_	o	o	0	
Parking Lo	ot/Paverr	nent		0	0	0		Excavation	ı, Dredgii	ng		0	0	0		Fallow Fiel		ESTIN	G	o	o	0	
Golf Cours	se			0	0	0	- 1	Fill/Spoil B	anks			0	0	0		Fallow Field	d (OLD - GRA	SS,		o	0	0	
Lawn/Park	(	ni.	38	0	0	0		Freshly De		Sedin	ent	0	0	0		Nursery				0	0	0	
Suburban	Residen	tial		0	0	0		Soil Loss/F	THE RESERVE TO LABOUR.	osure		0	0	0		Dairy				0	0	0	
Urban/Mul	itifamily			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 Feed	ling		0	0	0	
Dumping	I China	field:		0	0	0		Point Sour (EFFLUENT C	OR STORM	NATER	(3)	0	0	0		Rural Resid	dential			0	0	0	
Trash			O-MEN	0	0	0		mpervious (SHEETFLOW	s surface	input	rke i	0	0	0		Gravel Pit				0	0	0	
Other:				0	0	0	=	Other:				0	0	0		Irrigation				0	0	0	
Other:		0.000000		0	0	0		Other:				0	0	0		Other:				0	0	0	
Indus	strial D	evel	opmo	ent S	Stres	son	3					1	labit	at/V	egeta	tion Stress	sors						
Fill 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 prese	nt - P	lot	1	2	3	Flag
Oil Drilling				0	0	0		Forest Clea	r Cut			0	0	0		Herbicide U	lse			0	0	0	
Gas Wells OOO							Forest Sele	ctive Cut			0	0	0		Mowing/Sh	rub Cutting			0	0	0		
Mine (surface)							Tree Planta	tion			0	0	0		Trails		l) (a)		0	0	0		
Mine (underground)							Tree Canop	y Herbiv	ory		0	0	0		Soil Compa (ANIMAL OR H				0	0	0		
Military O O O							Shrub Laye		d		0	0	0		Offroad veh	NOT HELD WALL	je		0	o	0		
Other: O O O						(WILD OR DON Highly Graz	ed Grass	ses		0	0	0		Soil erosion	(FROM WINE		TD.	0	0	0			
Other: O O O							(OVERALL <3" Recently Bu		rest	818	0	0	0		OR OVERUSE Other:				0	0	0		
								Canopy Recently Bu	ımed Gra	asslar	nd	0	0	0	100	Other:				0	0	0	
Other: OOO O (BLACKENED)  Flag codes: K = No measurement made, U = Suspect measurement										F4 E4	) etc		-		ianed h		rew.		_1				
	uffer San			7	ment /27/2	Exp		lags in comm							.g.ieu D	, oddi neiu C		2	428	168	304		

FORM B-1: BUFFER SAMPLE PLOTS (Front)  Site ID: PCAPBW1358  DATE: 0.7   2.4   2.0.1.2													•									
Site I	D:	CA	281	NID	58										DATE	0.7	124		20	. / .	2	
Locatio	on:	-	192	A.	141				Fill	in b	ubb	le(s	) if p	lot(	s) coi	uld not be	sample	ed and	d flag	$\rightarrow$	П	
OAAC	enter	C	N	•	S	0	E O	W	OF	Plot	1	0	Plot	2	01	Plot 3						
Fill in bubble Strata Sectio	s for all th on: Fill in a	nat app	ply: Ca priate	anopy cover	Type; class	D = [ bubbl	Deciduou e for eac	s; E = Evergre	Buffer en. Leaf T or each plo	vpe: E	3 = Br	oadlea	f: N =	Needi	e Leaf.	Absent: No tree oderate(10-40	e canopy. %); 3 = Hea	vy (40-7	5%); 4 =	· Very I	-leavy	(>75%)
Buffer Plot 1	Canop	y Typ f Typ	- 9			bsen		Buffer Plot 2	Canop					bsen		Buffer Plot 3	Canopy		•		bsent	
Big Trees (>0			e: 餐	10 10	ر (ع		Flag			f Typ					Flag			Type:		) [ G		Flag
		$\stackrel{\sim}{\sim}$	0	0	<b>6</b>	0		Big Trees (>		1	0	0		<u>O</u>			(>0.3m DBH)			-		
mall Trees ( </td <td></td> <td>1</td> <td>-</td> <td></td> <td>_</td> <td>+</td> <td></td> <td>Small Trees ( Woody Shrub</td> <td></td> <td>=</td> <td>0</td> <td>② <b>②</b></td> <td>0</td> <td>0</td> <td></td> <td>Small Trees Woody Shru</td> <td>(&lt;0.3m DBH) lbs, Saplings</td> <td><del>                                     </del></td> <td></td> <td>_</td> <td>0</td> <td>1167</td>		1	-		_	+		Small Trees ( Woody Shrub		=	0	② <b>②</b>	0	0		Small Trees Woody Shru	(<0.3m DBH) lbs, Saplings	<del>                                     </del>		_	0	1167
	5m HIGH)	<u>O</u>	0	0	<b>6</b>	0			-5m HIGH)	0	0	<b>©</b>	0	<u>0</u>			m-5m HIGH)	0			0	11
	5m HIGH)	0	0	0	0	0		(<0	.5m HIGH)	9	0	0	0	$\frac{\odot}{\odot}$		(<	0.5m HIGH) Forbs and	-		<u> </u>	0	
	Grasses			0	0	0		·	Grasses	9	0	0	0	$\frac{\odot}{\odot}$			Grasses	0		+	0	
	ground	<u>⊙</u>		0	0	<b>O</b>			ground	0		0	0	<u>O</u>			e ground	-		+=	0	
LILL	er, duff	0	0	0	0	+-		Lit	ter, duff	0	0	0	9	<u> </u>			itter, duff			+ -	<b>©</b>	
	Rock	•	0	0	0	0			Rock	<u>O</u>	0	0	9	$\frac{\odot}{\odot}$			Rock	0		-	0	
Sul	Water bmerged	9	0	0	0	0	-	Sı	Water	0	0	0	0	$\frac{\odot}{\odot}$			Water Submerged	-	<u>)</u> (2	-	0	
Ve	Vegetation Vegetation							V	egetation	0	$\odot$	0	0	<u> </u>			Vegetation		<u>ي ان</u>		0	
Stressor Presence/Absence - Confirm that a filled data bubble indicates presence and an unfilled bubble indicates absence by filling this																						
		bet med	Decimal Company	an S					Hydrolo	-		T			1		Agricult			1	1 1	
ill bubble							Flag	Fill bubble	if prese	ent - I	Plot	1	2	3	Flag	Fill bubble	if preser	nt - Plo	t 1	2	3	Flag
Road - grav				0	0	0		Ditches, Cl Dike/Dam/				0	0	0	4	Pasture/Ha	у		С		0	
Road - two				0	0	0		(IMPEDE FLO	W)			0	0	0		Range			C	-	0	
Road - four				0	0	0		Water Leve		Synes.	cture	-	0	0		Row Crops Fallow Field		DECTINO	C	-	0	
Parking Lo		ient		0	0	0		Excavation	The state of the	ng		0	0	0		ROW CROP FIELD	D) `				0	
Golf Cours	e			0	0	0		Fill/Spoil Bar		Sedim	ent	0	0	0		SHRUBS, TRE		, , , , , , , , , , , , , , , , , , ,	C	-	0	
Lawn/Park	7	At-1		0	0	0	7:	(UNVEGETAT	ED)		1	0	0	0	1	Nursery			C	_	0	
Suburban F		uai		0	0	0				JSuie		0	0	0		Dairy			C	-	0	157
Urban/Mult	namny		-	0	0	-		Wall/Riprag				0	0	0		Orchard Confined A	nimal Con	dina	C	_	-	
Landfill				0	0	0		Inlets, Outl	ce/Pipe			0	0	0		Rural Resid		aing	C	_	0	4
Dumping Trash				0	0	0		(EFFLUENT O Impervious	surface	VATER input	)	0	0	0	_	Gravel Pit	CHUE		C		0	
Other:	-			0	0	0		(SHEETFLOW Other:	)			0	0	0		Irrigation			C	0	0	
Other:		-		0	0	0		Other:				0	0	0		Other:				0	0	
	trial De	evelo	mac	A. A.	No. of	-	3			1177		10000	10000	Toron.	egeta	tion Stress	ors			10		
ill bubble				1	2	3	Flag	Fill bubble	if proper	nt . E	lot	1	2	3	Flag	Fill bubb		né Di	ot 1	2	3	Flag
Oil Drilling	ii piese	311(-1	101	0	0	0	riag	Countries.		it - F	101	0	0	0	riay			:IIL - F1	0	0	0	riag
Gas Wells						0-0		Forest Clear				107-45	107-50	10000		Herbicide U					market and	
Mine (surfa	ce)			0	0	0		Forest Selec				0	0	0	-	Mowing/Shr	ub Cutting		0	0	0	
				0	0	0		Tree Plantat		ory		0	0	0		Trails Soil Compa	ction		0	0	0	
Mine (unde	rgrouna	)		0	0	0		(INSECT) Shrub Layer				0	0	0		(ANIMAL OR HI	JMAN)		0	0	0	
Vilitary					(WILD OR DOM	ESTIC)			0	0	<b>3</b>		Offroad veh Soil erosion		_	0	0	0				
Other:	ther: O O O				Highly Graze  (OVERALL <3" I	HIGH)			0	0	0		OR OVERUSE)		i, WAIE	* O	0	0				
ther: O O O				Recently Bu Canopy				0	0	0		Other:			_ 0	0	0					
Other: O O O					Recently Bu (BLACKENED)	med Gra	sslar	id	0	0	0		Other:			_ 0	0	0				
Flag Bu		uspect measu ags in commo							igned by	y each field cr	ew.	24	2816	830	4							

	FOI	RM B-1:	BUFF	FR	SAI	/IPI	ΕP	LOT	S (F	ront)	100	Review	ed by (	initial)									
Site	D: ρ	r ΔΔ:	2.1	120	بہد											D						_ '	
Location		AP	DW	105	28	- Taran		Terror Trans	Fill	in h	ubb	lo/e	ifn	Int/s	2) COI	ild not be	sample	d a	d.	0 .	<u> </u>	2_	-
OAAC		0	N	0	S	<b>O</b> E	= 0	w		lot '			, II p Plot			Plot 3	Sample	u ai	10 11	ag		2	
OAA	Jenter			0	<u> </u>				Buffer						30.00	1010		_		-		_ ,	
																Absent: No tree oderate(10-409		vy (40-	-75%);	4 = V	ery H	eavy (	>75%)
Buffer	Canop	у Тур	e: 🔞	(	) AI	bsen	t: O	Buffer	Canopy	у Тур	e: <b>(</b>	(	) AI	osent	: O	Buffer	Canopy	Туре	e: 💿	(1)	Ab	sent	0
Plot 1	Lea	f Typ	e: 🚺	) (			Flag	Plot 2	Lea	f Typ	e: 🗿	) (			Flag	Plot 3	Leaf	Туре	: 🕦	(N)			Flag
Big Trees (>	0.3m DBH)	0	0		3	0	211	Big Trees (	>0.3m DBH)	0	0	0	0	0	11.74	Big Trees	(>0.3m DBH)	0	0	<u> </u>	0	0	
mall Trees (<		0	0	0	0	1	1	Small Trees (	<0.3m DBH)	0	0	<b>②</b>	<b>(1)</b>	<u>O</u>		Small Trees		0	<u> </u>	<u> </u>	0	<u>O</u>	
Noody Shrubs (0.5m-	s, Saplings -5m HIGH)	0	0		3	0		Woody Shrub (0.5m	s, Saplings 1-5m HIGH)	0	0	0	0	0			ibs, Saplings im-5m HIGH)	0	0	<u> </u>	0	0	
Noody Shrubs (<0.	s, Saplings .5m HIGH)	0		( <del>-</del> )	3	0	li li	Woody Shrub (<0	s, Saplings ).5m HIGH)	0	1	0	0	0			bs, Saplings 0.5m HIGH)	0	0	<u> </u>	0	0	
Herbs, F	orbs and Grasses	0	0	<b>①</b>	0	0		Herbs,	Forbs and Grasses	0	0	•	3	0		Herbs,	Forbs and Grasses	0	0	0	0	0	
Bare	ground	0	•	0	0	0		Bare	ground	0	0	0	0	0		Bar	e ground	0	0	0	0	0	
Lit	ter, duff	0	TO THE	<b>②</b>	0	1		Li	tter, duff	0	0	3	3	0		L	itter, duff	0	0	0	0	0	
	Rock	0	0	2	0	0			Rock	0		0	(3)	0			Rock	0	0	0	0	0	
	Water	•	0	<b>②</b>	0	0			Water	0	0	0	3	0			Water	0	0	0	0	0	
	ibmerged egetation	0	0	<b>②</b>	0	0			ubmerged /egetation	0	0	0	0	0			Submerged Vegetation	0	0	0	0	0	4
Stressor Presence/Absence - Confirm to										ndica	tes pi	esen	ce an	d an	unfilled			nce t	y fillir	ng thi	s bub	ble. (	0
Resi	dential	and	Urba	an Si	tres	sors			Hydrolo	gy S	tres	sors					Agricultu	ıral 8	k Ru	ral S	tres	sors	
Residential and Urban Stressors  ill bubble if present - Plot								Fill bubble	e if prese	ent - I	Plot	1	2	3	Flag	Fill bubble	if presen	t - Pl	ot	1	2	3	Flag
Road - gra	vel		N.	0	0	0	-1	Ditches, C	hanneliza	ation		0	0	0		Pasture/Ha	ıy			0	0	0	
Road - two	lane			0	0	0		Dike/Dam/		Bed	and a	0	0	0		Range				0	0	0	
Road - fou	ır lane	Leady	64	0	0	0	4	Water Lev		Stru	cture	0	0	0		Row Crops				0	0	0	
Parking Lo	ot/Pavem	ent		0	0	0		Excavation	n, Dredgir	ng		0	0	0	e To	Fallow Field		RESTIN	lG	0	0	0	
Golf Cours	se			0	0	0		Fill/Spoil B				0	0	0		Fallow Field SHRUBS, TRE		ASS,		0	0	0	
Lawn/Park				0	0	0		Freshly De		Sedim	nent	0	0	0	v T	Nursery				0	0	0	
Suburban	Residen	tial		0	0	0		Soil Loss/I	Root Expo	osure		0	0	0		Dairy				0	0	0	
Urban/Mul	tifamily			0	0	0		Wall/Ripra	р			0	0	0		Orchard				0	0	0	
Landfill			V76	0	0	0		Inlets, Out		F <sub>1</sub>		0	0	0	74 1	Confined A		ding		0	0	0	
Dumping	1505			0	0	0		Point Sour (EFFLUENT C	OR STORMY			0	0	0	,	Rural Resid	dential			0	0	0	
Trash				0	0	0		Impervious (SHEETFLOV		nibut	13	0	0	0	1	Gravel Pit				0	0	0	
Other:				0	0	0		Other:		_		0	0	0		Irrigation				0	0	0	
Other:			of Carlo	0	0	0	2005	Other:				0	0	0	3	Other:				0	0	0	
Indu	strial D	evelo	opme	ent S	Stres	sor	8						Habit	tat/V	egeta	tion Stress	sors					Ray.	
ill bubble	if prese	ent - F	Plot	1	2	3	Flag	Fill bubble	if prese	nt - F	Plot	1	2	3	Flag	Fill bubb	le if prese	ent - I	Plot	1	2	3	Flag
Oil Drilling	Mille			0	0	0		Forest Clea	r Cut			0	0	0		Herbicide U	lse			0	0	0	
Gas Wells				0	0	0		Forest Sele	ctive Cut			0	0	0		Mowing/Shi	rub Cutting	)		0	•	0	
Aine (surface)					Tree Planta		Sept.		0	0	0		Trails				0	0	0				
Aine (underground)					Tree Canop (INSECT)				0	0	0		Soil Compa (ANIMAL OR H				0	0	0				
Military O O O					Shrub Laye (WILD OR DO		d		•	•	0		Offroad veh				0	0	0				
Other: O O O					Highly Graz (OVERALL <3"	HIGH)			0	0	0		Soil erosion OR OVERUSE		ID, WA	TER,	0	0	0				
Other: O O O					Recently But Canopy	rmed For	est		0	0	0		Other:				0	0	0				
					Recently Bu	urned Gra	esslar	nd	0	0	0		Other:				0	0	0				
															igned b	y each field c	rew.		2428	168	304	1	
Bu	uffer San	No.				Mile	VET 10	unit								134							

	100				FOR	RM B-1:	BUFF	ER	SAI	<b>NPL</b>	E PI	LOT	S (F	ront)		Review	ed by	(initial)	:	_ (	
Site ID: PCA	OBK	113	58	•			N. ge.						DATE	ild not be	1,2,4	1	a	0.	1 .	<u>ک</u>	
Location:	Fill	in b	ubb	le(s)	) if p	lot(s	s) cou	ild not be	sample	d a	nd fl	ag -	<b>→</b>								
O AA Center (									lot 3												
Fill in bubbles for all that ap Strata Section: Fill in appro	oply: Ca	inopy	Type:	D = D	eciduou	s: E = Everare	Buffer en. Leaf T	vpe: E	B = Bn	oadlea	f: N = 1	Veedle	e Leaf. A	bsent: No tre	e canopy.	n (40	-75%\	· 4 = V	en H	eavv (	>75%)
	-	_			_	i strata type ic			-								_	_	_		_
Buffer Canopy Type: (a) (b) Abser Plot 1 Leaf Type: (b) (c)					t: () Flag	Buffer Plot 2		Canopy Type: (b) Leaf Type: (c)					Flag	Buffer Canopy Type Plot 3 Leaf Type			$\stackrel{\sim}{ imes}$		<u> </u>		
Big Trees (>0.3m DBH)			<b>9</b> 00		riag	Big Trees (>		T - T			0	0	liag	Big Trees (>0.3m DBH)				<u>@</u>	0	0	
imall Trees (<0.3m DBH)		0	<u>(</u>	0		Small Trees (		$\stackrel{\sim}{\sim}$	0	<b>@</b>	0	$\frac{9}{0}$		Small Trees			0	0	<u></u>	ŏ	
Woody Shrubs, Saplings				0		Woody Shrub	s, Saplings	Saplings (		<u> </u>	<b>®</b>	$\frac{\circ}{\circ}$		Woody Shru	ıbs, Saplings	0	0	0	0	0	
(0,0		<b>(2)</b>		-	11000	(0.5m Woody Shrub	r-5m HIGH) s, Saplings	plings 🔘 🚳			_				im-5m HIGH) ibs, Saplings	0	9	0	0	0	
(<0.5m HIGH)		0	0	0	2,112		).5m HIGH) Forbs and			0	9	$\frac{\odot}{\odot}$			<0.5m HIGH) Forbs and		<b>6</b>			-	
Grasses U		0	0	0		11.1	Grasses	es U		0	00			0.00000			0	0	<u>0</u>		
Bare ground	0	0	0	<u>O</u>		Bare ground		0	<b>®</b>	0	0	<u>O</u>		_	re ground	<u>O</u>	<b>®</b>	0	0	_	
Litter, duff	0	<b>①</b>	0			Li	tter, duff	0	0	0	-	<u>@</u>		L	itter, duff	0	0	0	<u>0</u>	<b>6</b>	
Rock ①	<b>®</b>	<u> </u>	0	0			Rock	0	<b>@</b>	0	0	$\overline{\odot}$	-		Rock	<b>(2)</b>	0	<u> </u>	<u>0</u>	<u>0</u>	
Water 🔞	0	<u> </u>	0	0			Water	0	0	0	0	<u>O</u>		-	Water	<b>®</b>	0	0	0	0	
Submerged Vegetation	0	0	0	0			ubmerged /egetation	<b>©</b>	0	0	0	<u>O</u>			Submerged Vegetation	<b>@</b>	$\odot$	0	0]	0	
Stressor Present	ce/Ab	senc	:e - (	Confi	rm that	a filled data	bubble in	ndica	tes p	resen	ce an	d an	unfilled	bubble indi	cates abse	nce l	oy filli	ng thi	s but	ble.	۵
Residential and	Hydrology Stressors							Agricultural & Rural Stressors													
Fill bubble if present - Plot			2	3	Flag	Fill bubble	e if prese	f present - Plot			2	3	Flag	FIII bubble if present - Plot			1	2	3	Flag	
Road - gravel			0	0		The day on the state of the		annelization		0	0	0		Pasture/Hay			0	0	0		
Road - two lane			0	0	791	Dike/Dam/ (IMPEDE FLC		Road/RR Bed			0	0		Range			0	0	0		
Road - four lane			0	0		Water Lev	el Contro	l Control Structure			0	0		Row Crops			0	0	0		
Parking Lot/Pavement			0	0		Excavation	n, Dredgir	Dredging			0	0	= 3	Fallow Field (RECENT-RESTING ROW CROP FIELD)			0	0	0		
Golf Course			0	0		Fill/Spoil B					0	0		Fallow Field (OLD - GRASS, SHRUBS, TREES)			0	0	0		
Lawn/Park			0	0		(UNVEGETAT	rED)				0	0		Nursery			0	0	0		
Suburban Residential			0	0		Soil Loss/	Root Expo	ot Exposure			0	0		Dairy				0	0	0	
Urban/Multifamily			0	0		Wall/Riprap				0	0	0		Orchard				0	0	0	
Landfill			0	0		Inlets, Outlets Point Source/Pipe				0	0	0		Confined Animal Feeding				0	0	0	
Dumping			0	0		(EFFLUENT (	OR STORM	TORMWATER)			0	0		Rural Residential			0	0	0		
Trash			0	0		(SHEETFLOV					0	0		Gravel Pit			0	0	0		
Other:			0	0		Other:					0	0		Irrigation				0	0	0	
Other: OOOO						Other:					O	O	eneta	Other: OOOO							
																Flag					
Fill bubble if present - Plot Oil Drilling		0	0	3 O	Flag	Fill bubble if present -			PIOT	0	0	3 O	Flag	Fill bubble if present - Plot			PIOL	0	2 O	3 O	riay
Gas Wells		0-0	250		Forest Clea	SELVI JOEA	100			00			Herbicide Use Mowing/Shrub Cutting			0	0	0			
	0	0	0		Forest Sele		IL .		0	General Result								NO. THE LOCAL PROPERTY NAMED IN	B-A		
Mine (surface)			0	0		Tree Planta Tree Canor		rbivorv		0	0	0	_	Trails Soil Compaction				0	0	0	
Mine (underground)			0	0		(INSECT) Shrub Layer Browsed				0	0	0		(ANIMAL OR H	IUMAN)			0	0	0	
Military			0	0		(WILD OR DO!	MESTIC)			0	0	9		Carl Manager of the Control	Offroad vehicle damage Soil erosion (FROM WIND, WATER,				0	0	
Other:			0	0		Highly Grazed Grasse (OVERALL <3" HIGH)				0	0			OR OVERUSE)				0	0	0	
Other:			0	0		Recently Burned Forest Canopy				0	0	0		Other:			0	0	0		
Other:			0	0		(BLACKENED)		med Grassland			0	0		Other:			0	0	0		
Flag codes: K =				Exp	e, U = S lain all f	uspect meas lags in comn	urement., nent sectio	F1,F	2, etc. the b	= mis	c. flag this fo	s ass	igned b	y each field c	rew.		242	8168	3304	1	