Project Label:	PCAP	Plot No	:1213	ntrol Form © Clerestand Metropark: _Date Sampled: 6/15/12 Lead: 89/1
				Comment required if item answer is NO
Parking/Access outs	ide of Park Boundaries:	Y (V)	If yes, writ	e details in Comments section below
Field journals compl		(Y) N	- NT	
Site sketch made on	1:3000 map?	Y N	MND	not present
Check cover page	X-axis Bearing of plot recorded	(Y) N	1	7.50
	GPS coords. Recorded	Y) N		
	North direction recorded	(Y) N		
	Photographs taken?	Y) N		
Plot No., Date agree		(Y) N		
Header data complet		(y) N		
	ed in all Intensive modules	(Y) N		
Browse Level By Sp		(Y) N		
Woody stem quality		(y) N		
Invasive plant quality		(y) N		
Ash trees mapped	<u></u>	Y N	NIA	
Cover by Strata? (co	nfirm cover type)	Ø N	1 1	
	d with matching plot #.	(Y) N		
	datasheet with initials and number	Y N		
Vouchers labeled on		(Y) N		
Pink flags removed	toneenon bug	Y N		
Data sheet QA before	e leaving site?	N N		
Common equipment		/Ŷ) N		
Data sheets scanned?		6/18/12	Enter date	to left N2
Final data sheets scar		10/10/12	Enter date	
Buffer Widths measu		(Y) N		The state of the s
Web Soil Survey	iicu:	Y N	INIH	6-22-2012
Voucher Location	Refrigerator	YN	1000	0/10/12
# vouchers collected)	Press (#)	I N	Enter numb	to lob
# vouchers collected)	Drier	Y N	Enter numi	per to fert
	Identified	YN	 	· · · · · · · · · · · · · · · · · · ·
	Mounted		 	
		Y N	-	
	Thrown away	Y N		
	ition: Is plot sampleable?			
Yes Yes	Original GRTS point is sampleable			
□ No	Original GRTS point lands in a non-	sampleable area (i	ill in categor	y below)
	□ Point falls in a water (i.e. river,			
	Managed moved area (i.e. golf	course, picnic area, rig	ht-of-way)	
	□ Paved area (i.e. parkinglot, road) □ Unsafe to sample (i.e. steep slope			
	Other	·)		
Additional Commen	•			
Bring S	inscreen & water			
Data Quality Co-st	rol 2011.xls last revised 6/20/2011	no.h	7	Natural Resources Mangement Form Ni

CVS Field Guide OVER	*Definitions and values in CM PCAP FOM v. 1.0 and CVS Field Guide	Minimum required fields in Bold and Underlined
	□ Systematic (grid) □ Capture specific feature □ Other	Authority: G&C Pub Date: 1998
	ed Random 🗆 Transe	TAXONOMIC STANDARD
	nent: vG	lichen ×
	Photo Nos.: 0103	bryo
	Camera No.:	vascul. X n/a
	Intensive modules: 2, 3, 8, 9 /,2,3,4 (EDIT IF MODIFIED)	high modera. low not smpl
Herb byer + Juneus, Poa, Doctilis, Phobnis	Depth: (1-5): 4	TAXONOMIC ACCURACY
HAD logo Paised to Im 10 coloins 1	X-axis Bearing of plot: $[98]^{\circ}$	□ Hurried data
11 b last and the proper	Plot size for cover data: O,OH (hectares)	□ Accurate may still provide good
Ver Char Na CAMBON OF Showb byts.	GPS File Name: 1213,A	Very thorough how much effort put into
1300 Kationale	Coord. Accuracy: i m a ft +- 10%	Effort Level: subjective evaluation of
The Lorents	Longitude: -81,68613	SAMPLING QUALITY*
Stream//avine most power inco.	Latitude: 41,21569	□ Perm. water □ Paved □ Slope □ Safety
Mead - Mile Mile Mars	$x = \bigcirc y = \bigcirc $ (base of plot $x=0, y=0$)	PLOT NOT SAMPLED:
Lie at field Potis across small	GPS location in plot $x=0$ to 5, $y=-1,0,+1$):	** Roles: Co-leader, Asst., Guide, Owner, Taxonomist, etc.
Location: Pork at Hinckley Mointenance center	Datum: ■ NAD83/WGS84 □ NAD27	
Topon I in the second of the s	□ Other (specify) ■ m □ ft □	7. Kisstler S. Ubyther
1-wit: 2x2	■ Lat/Long □ UTM □ StatePlane ■ deg □ deg min	S. Catella Soil/Bitter
dominants, strata, BROWSE). Additional notes in space on back.	Coordinate system: Coord. Units	I Pettit Bat. Aust.
NOTES: Include Layout (any unusual shape details), Location (directions and landscape content). Rationale (why here) and Veg Characterization (description of community	□ MAP ■ GPS	Z. Sorton, Plot leader
Key: (0,0) point Spoint point with direction permanent posts	ot public why?	Party Role**
4 3 4 3	Reason:	End date (if > 1 day): / /
#1	□ Fuzz 100m □ Fuzz 250m □ Fuzz 500m	Date (mm/dd/yyyy): 6 / 5/20/2
	Check one: Dublic data Private Data	■ Level 5 (nested corners sampled)
刊 3 2 1 7 1	Data Confidentiality:	 Level 4 (no nested corners sampled)
#633		Plot No.: 1213
1 6 3 4 3	Local Place Names: Hinckley Maintenance	Dy you wanna dance?
6/194/13	Quadrangle: Boyporty West Richfiel	Project Name: O/H; 2012
Z	State: OH County: Medino	Project Label: PCAP
	LOCATION	GENERAL INFORMATION
i Data Sheet Page 1 of 2 Page 1 of 2	CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet	CLEVELAND METROPARKS Plant Co

The state of the s				
				10000x 3 & 4
prayed w/ herblide between	ssibly sp	dead area, po	Mod 3 has a	the power lines overhead.
0	up the p	l status, maturity, etc.)	compasses while setting up the plot,	We had possible mis With our compasses while setting
		Unknown		(by default unless plot is a wetland)
	, storms)	(e.g. wind, storms)	□ Temporarily flooded	
lar	☐ Tidal/Seiche flooded irregular	□ Tidal/Seich	□ Occasionally flooded (<1/yr)	Vupland (n/a)
dy	□ Tidal/Seiche flooded monthly	□ Tidal/Seich	(dry <1/yr, seldom flooded)	□ Fresh
	□ Tidal/Seiche flooded daily		□ Permanently/Semipermanent. saturated	□ Brackish
	y flooded	□ Permanently flooded	(seldom flooded)	□ Saltwater
	□ Semipermanently flooded		☐ Intermittently/seasonally saturated	SALINITY*
	tly flooded	☐ Intermittently flooded	Upland (seldom flooded)	
		E*	HYDROLOGIC REGIME*	
% %	Former Land Use:	For	mosaic	□ Conspicuous inclusions □ Irregular/pattern mosaic
Port	Current Land Use:	Cur	□ Compositional trend across the plot	Homogeneous Compositional t
L=low, ML=med low, M=med, MH=med high, H=high, VH=very high	=low, ML=med i]L		HOMOGENEITY
	er e	Other	ver lines)	(Mones field under power lines
0 100 Deer browse	nal L	Animal		
>1 100 Brish has inderpower lines	H	Cut		ON field-young(CS)
		Fire		COMMUNITY NAME:
	ıral	Natural		00 70
	nan	Human		20%
yrs ago % of plot description	type* severity**	ty.	Fit= M Conf= F	CODE (on separate form):
ES	DISTURBANCES	DIS		MODIFIED NATURESERVE CLASS*
Plot No.: 12 3 Page 2 of 2	112012	Project Name: QH12012	PCAP	Project Label:
	ata Sheet	ram - Background D	munity Assessment Prog	CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet

0m baseline

10

함

0m baseline

3

20m

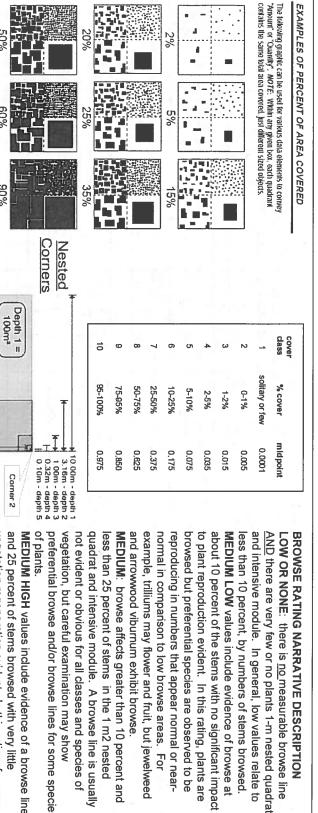
20m

33 F

40m

Corner 4

Depth 3 =



example, trilliums may flower and fruit, but jewelweed less than 25 percent of stems in the 1 m2 nested MEDIUM: browse affects greater than 10 percent and and arrowwood viburnum exhibit browse. normal in companson to low browse areas. For reproducing in numbers that appear normal or nearbrowsed but preferential species are observed to be to plant reproduction evident. In this rating, plants are about 10 percent of the stems with no significant impact

vegetation, but careful examination may show preferential browse and/or browse lines for some species quadrat and intensive module. A browse line is usually not evident or obvious for all classes and species of

the 1 m2 nested quadrat and intensive module AND a species of plants, reproduction does not appear to occur and 25 percent of stems browsed with very little MEDIUM HIGH values include evidence of a browse line browse line is evident HIGH: greater than 25 percent of the stems of plants in or it is very severely limited. vegetation regeneration evident. In this rating, for some

50%

60%

90%

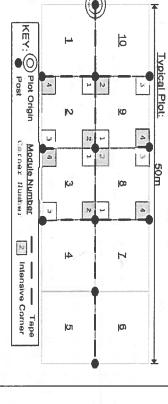
Depth 5 = 0,01m²

Depth 2 = 10m²

Dapth 4 =

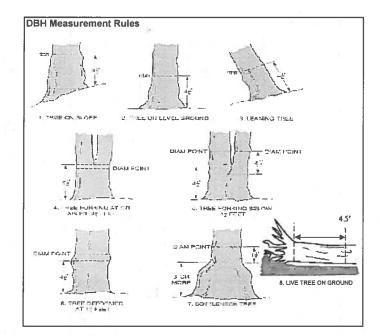
Corner 2

green growth beneath. seedlings and herbs are severely browsed or missing where the browse line is very evident AND almost all Browse line may be 5 to 6 feet in height with no or little VERY HIGH values include extensive browse conditions.



Pocap	000000000000000000000000000000000000000	to the state of th	description 2 Appropriate 2 Appropriate 2 Appropriate 2 Appropriate 3 Appropriate 4 Approp	TONOTE DE LA	Cleveland Metroparks Strata - Cov. entire plot T S H (F)(A) B	Project Label: Total modules:
Plot no.:		artemasitella oeticlota sp Vesia 258,25-12 Atto & Dipso	dicat 5	racissus gu	- - 	
Plot configuration: Plot configuration:		25/300 100-12-12	CH-0100		Estimate for each intensive module: %open water 1 %unvegetated open water 1 %unveg. ground (bare soil) 1 %unveg. titler (bare litter) 1 depth	OIHI
Plot area (ha): Plot a			N	1 2 2	mod corner mod corner mod corner 1 2 2 4 3 2 depth cov depth cov depth cov 1 1 4 4 5 7 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	Plot no.: configuration:
		24 24 24	2 2 2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	3 P 1	corner mod corner mod corner mod LI 3 2 4 4 4 4 cov depth cov depth cov depth 1 1 cov depth cov depth cov depth	Plot area

CLE	CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet	2	Community	Assessm	ent Pro	gram N	atural V	Voody S	tem Da	a Sheet							
	Project Label:	ľ.	PCAP		Project	Name:	01 H:	Project Name: 01 14, 2012		Plot No.: 1213	212		Page:	_	<u>o</u> ,	Ciencia	College and Metropasks
	Explain subsample (additional room on back):	on ba	ack):						1					167			
					_		size class	(cm) wood	size class (cm) woody stems >1.4m	1.4m	Ch			_	6	i	=
1100	species	c	Voucilei#	Desword	sample	clumps	4	6.22-1	2>-6.3	97	- 412	12 - <20	27>-07	23 - <30	30- <33	33 - 540	A LO Macoura carri nad
	hoedy on	Ħ															
10	Fraximus Sp.			A													7100
Ø	Fraxious sp.			åE													
W	(anya sp.			•													
	,			-	-	5	H									7	
		MH															
		US.															
						vi It is								=	_		
		W.															
									10								
									11								
		W															
		h.															
		\vdash														27	
		1881															
			New York														



Woody Stem Deer Browse

Record the number of stems/plants between 0.5-1.0 meters tall that exhibit evidence of this years deer browse.

Record using the tally system from 1 to













ASH CANOPY CONDITION

- 1. Healthy, full canopy: A healthy ash canopy is normally thinner than many other trees such as maple.
- 2. Thinning canopy: There aren't as many leaves as there ought to be, but all top branches exposed to sunlight have leaves.
- 3. Dieback: Canopy is thinning and some top branches exposed to sunlight are dead (have no leaves). Lower branches, not exposed to sunlight, die naturally and are not considered.
- 4. >50% Dieback: The canopy has less than half of the leaves that should be there and/or half of the top branches are dead.
- 5. Dead canopy: No leaves remain in the canopy portion of the tree. It still counts as a 5 even if there are epicormic sprouts below the canopy (lowest branch) on the trunk.



R

С

D

E

ASH CANOPY BREAKUP CONDITION (for dead trees):

(if an ash receives a score of 5 (dead) under canopy condition it must also receive a breakup condition rank as described below)

- A: All main branches contain fine twigs (newly dead).
- B: Over 50% of main branches have fine twigs.
- C: Less than 50% of main branches have fine twigs.
- D: Stem still standing and tertiary main branches present.
- E: Central stem still standing.

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

Project Label: PCAP Project Name: 0 1 2 2 2

Plot No.: 1213

(P) (Dissivation of Medica position Page: 1 of 1

McNAB INDICES (degrees) + for up - for down

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

Module #	C?	Comer Corner	Corner
	1		
HE HA			

Conf=	- 	□ SHRUB □ shrub swamp □ tall sh. bog □ tall sh. fen
Conf=	Fit	□ EMERGENT □ marsh □ wet meadow □ open bog
Conf=	F	□ FOREST □ swamp forest □ bog forest □ forest seep
	NL J	Ohio EPA VIBI Plant Community Class (WETLANDS ONLY):
Conf=	Fit=	□ BOG (strongly, moderately, weekly ombrotrophic)
Conf=	Fire	COASTAL (specify subclass)
Conf=	File	□ FRINGING □ Reservoir □ Natural Lake
Conf=	Fil=	☐ SLOPE (ground water hydrology or on a physical slop)
Conf=	Fil=	□ RIVERINE □ Headwater □ Mainstem □ Channel
Conf=	Fil	impoundment a Beaver a Human
Conf=	Fi	DEPRESSION
		Hydrogeomorphic class (WETLANDS ONLY):
		(FIT = excellent, g Fit and Confidence
		CLASSIFICATION

MICROTOPOGRAPHIC FEATURE COUNTS - Intensive modules only

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

7 Ü corner ١ İ ١ (count) depth 3 lussocks no, of lxlm 0 uplands (Tip-Ups) 3.16x3.16m depth 2 hummocks no, of (count) 0 0 0 depressions no, macro. 10x10m depth 1 (count) 0 0 (2-12 cm) 10x10m depth 1 c.w.d (count) c.w.d. - count for pieces with minimum 1m length 0 (12-40cm) m01x01 depth 1 c.w.d (count) 0 Ø 0 >40 cm 10x10m depth I c.w.d (count) 0 0 0 interspers 10x10m depth 1 nicrohab. (rank) SLOPE microhab. 10x10m 0 (rank)

(FILLED OUT USING GIS PROGRAM - DO NOT FILL OUT IN FIELD] Landform Index (position within landscape) Terrain Shape Index (site microtopographic shape) +225 degree +180 degrees +135 degrees +315 degrees +270 degrees +45 degrees +90 degrees N.N. WS NE SE 8

recorders eye to

angle from

away.

standing ~10 m

lorizon. TSI is angles formed by local slopes. For TSI measure

plot to the LFI is angle of

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

g CJ	y 3	×2	21	Module
96	96	96	96	z
96		96	96	s
96	カ		ab	e
96	96	96	96	W

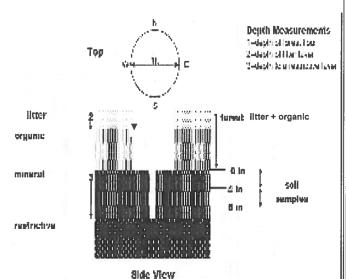
NOTE: tussock and hummocks are counted in BOTH nested quadrat corners but counts are aggregated.

COVER BY STRATA

STRATUM	GENERAL FORM
Tree (generally >5 m)	Tree (overstory), very tall shrubs*, liana, epiphyte)
Shrub (generally 0.5 to 5 m)	Tree (sapling), shrub, liana, epiphyte)
Herb (Field)	Herb, dwarf-shrub**, tree (seedling***)
Floating	Floating
Aquatic (submerged)	Submerged

*Very tall shrubs are sometimes included in the tree stratum

^{***}Tree seedlings are often defined as up to 1.4 m height or as <2.5 cm DBH in which case they would span the herb and shrub layers.



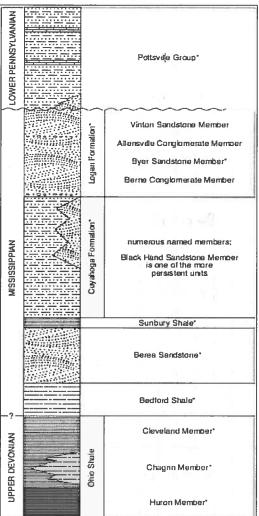


FIGURE 3-20.—Generalized section of Upper Devonian, Mississippian, and Lower Pennsylvanian formations in northeastern Oftio Asterisks indicate units that are fossiliferous. This composite section represents about 400 meters of rock exposed across the area. The section is not to scale, but the thicknesses indicated are proportional. The term "Waverly is used in the older literature to refer to Mississippian rocks in Ohio. Some geologists use the European term "Carbonierous," which encompasses the Mississippian and Pennsylvanian Periods of the U.S. Many units have been named within the Cuyahoga Formation, but most units are local and cannot be traced over great distances. The Black Hand Member is a spectacular massive sandstone that is fairly widespread four discontinuous. See Hyde (1953), Hoover (1960), and Collins (1979) for more information on Mississippian rocks in Ohio. See figure 3-13 for explanation of rock types.

^{**}Can also include seedlings of shrubs, i.e. all shrubs <0.5m

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

Project label: PCAP Project Name: 01 4 2012

Plot No.: 12/3

Patenetand Metroparks

Page: 1 of 1

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

Soli pit module # | (one per entire plot)

20 cm 6 cm matrix color 10 YR 3/3 texture* edox features** exture* oxid roots nydr cond *** oxid roots natrix color edox features** mottle ottle color N A mottle NIA NA NA X 10YR 312 I S M (D 4 [5] z z z z

refer to texture classes on reverse side I S M D

ydro, cond, ***

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

Notes: include evidence of earthworms (worms mindundated S=saturated M=moist D=dry astings, middens)

Vonc

sample of the top 10 cm of soil from center of each intensive module and composite the sample SOIL SAMPLES Standard procedure collect a soil

o Well drained □ Impermeable surface n Excessively dr. Somewhat poorly dr. Depth to rest. Layer: 780 0 Soil Series Source: Ohio Soil Survey Soil Series/Type EIC2, Ellsworth Soil Collection Module Horizon (A, B, C) -Belisoquos P.R.E. arent Material: andform type: +111 plains +11 12,3,4 Somewhat excessively Moderately well dr. Very poorly dr. LNH 6/18/12 silt loar

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

2	w	2	ł	тюф#	
,_	,)	Ó	0	1 litter+ organic depth (cm)	
, _	,2	0	0	2 litter depth (cm)	
U	0	0	Ĉ	water depth (cm)	
736	730	736	>30	depth sat	

EARTH SURFACE & GROUND COVER	CE & GROU	ND COVER	
Underlying Earth Surface*	Surface*	Ground Cover	
(Sum = 100%)	percent	(Each ≤ 100%)	percent
Histosol	0	Coarse Woody Debris***	0
Mineral Soil	100	Fine Woody Debris****	کڑ
Gravel-Cobble*	0	Litter	6
Boulder**	0	Duff (Ferm + Humus)	0
Bedrock	0	Bryophyte- Lichen	2
* Gravel-Cobble = 1/16-10"	± 1/16-10"	Water	0
**Boulder = > 10 in	in	Bare Soil	IJ
*** >5 cm in diameter	eter	Road/Trail	0
**** <5 cm in diameter	meter	Other	0

co\	
COVER BY STRATA estimate using midpoints of 5,ex:3, 8, 13	
BY :	
STR.	
ATA	
nts o	
f 5, e.	
C3, E	-
1, 13	
%	

rooted and flu	(Aquatic)*	(Floating)*	Herb	Shrub	Tree	Strata	
rooted and floating or slightly emersed	1		0 - 1	- 5	رم د	Height Range (m)	
sed	Ò	0	පි	٥	0	Total Cover (%)	

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

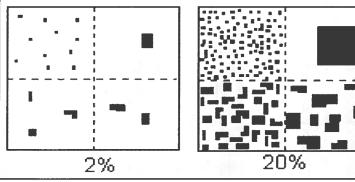
1-3 x plot size 3-10 x plot size 10-100 x plot size > 100 x plot size >600 x plot size TAND SIZE < plot size

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

submersed, most plant mass below surface

PERCENT MOTTLES (USE CLASS CODES):

Class	(Code	Criteria: % of
	Conv.	NASIS	Surface Area Covered
Few	f	<u>n</u>	< 2
Common	С	# #	2 to < 20
Many	m	## #	≥ 20



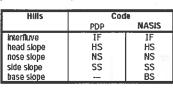
SOIL TEXTURE: Record the code for the soil texture of the 5 cm and 20 cm layers. To estimate texture, collect a soil sample from the appropriate layer and moisten it with water to the consistency of modeling clay/wet newspaper; the sample should be wet enough that all of the particles are saturated but excess water does not freely flow from the sample when squeezed. Attempt to roll the sample into a ball. If the soil will not stay in a ball and has a grainy texture, the texture is either sandy or coarse sandy. If the soil does form a ball, squeeze the sample between your fingers and attempt to form a self-supporting ribbon. Samples which form both a ball and a ribbon should be coded as clayey; samples which form a ball but not a ribbon should be coded as loamy.

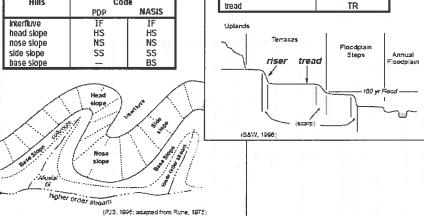
- 0= Organic
- 1= Loamy
- 2= Clayey
- 3= Sandy
- 4= Coarse Sand
- 9= Not measured make plot note

Position

summit

Geomorphic Component - Three-dimensional descriptors of parts of landforms or microfeatures that are best applied to areas. Unique descriptors are available for Hills, Terraces, Mountains, and Flat Plains: e.g., (for Hills) nose slope or NS.





Тептасеѕ

riser

Hillslope - Profile Position (Hillslope Position In PDP) - Twodimensional descriptors of parts of line segments (i.e., slope position) along a transect that runs up and down the slope; e.g., backslope or BS. This is best applied to transects or points, not areas.

SU

	backslope footslope toeslope	BS FS TS		
_	Su Sh Bs	Fs Ts 500 TS	Sh Es	9u ↓

HYDROLOGIC REGIME Modified from Grossman et al 1998. (Frequency and duration of flooding.)

UPLAND: Not a wetland. Very rarely flooded.

INTERMITTENTLY/SEASONALLY SATURATED: Dry at least once per year. Surface water is seldom present, but substrate is saturated to surface for extended periods during the growing season.

Code

PERMANENTLY/SEMIPERMANENTLY SATURATED: Dry less than once per year. Surface water is seldom present, but substrate is saturated to surface for extended periods during the growing season . Equivalent to Cowardin's Saturated modifier.

OCCASIONALLY FLOODED: Surface water can be present for brief periods during growing season, but not in most years. Often characterizes flood-plain upper terraces.

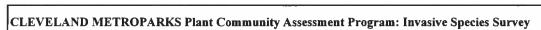
TEMPORARILY FLOODED: Surface water present for brief periods during growing season, but water table usually lies well below soil surface. Often characterizes flood-plain levees and lower terraces. Equivalent to Cowardin's Temporary modifier.

INTERMITTENTLY FLOODED: Substrate is usually exposed, but surface water can be present for variable periods without detectable seasonal periodicity. Inundation is not predictable to a given season and is dependent upon highly localized rain storms . This modifier was developed for use in the arid West for water regimes of Playa lakes, intermittent streams, and dry washes but can be used in other parts of the U.S. where appropriate. This modifier can be applied to both wetland and non-wetland situations. Equivalent to Cowardin's Intermittently Flooded modifier.

SEMIPERMANENTLY FLOODED (exposed <1/year): Surface water persists throughout the growing season in most years. Land surface is normally saturated when water level drops below soil surface. Includes Cowardin's Intermittently Exposed and Semipermanently Flooded modifiers.

PERMANENTLY FLOODED: Water covers the land surface at all times of the year in all years. Equivalent to Cowardin's "permanently

UNKNOWN: The hydrologic regime cannot be determined from the available information .





			9				A) cienera	nd Metropark
Tier 1: Early detection	n/ Rapid response			-	sence		GPS	
			NE	SE	SW	NW		Presence
Microstegium vimineum	Japanese stiltgrass			<u> </u>				X: yes
Ranunculus ficaria	Lesser Celandine							
Cynanchum Iouiseae (vin	e) Black Swallow-wort							
Butomus umbellatus (wetlar	d) Flowering Rush							
Heracleum mantegazzianum	Giant Hogweed]
Tier 2: Assess	as Needed			# of	Plants		comments	
	Kladik Cal		NE	SE	SW	NW		# of Plants
Acer platanoides	Norway Maple							1: 1-10
Ailanthus altissima	Tree of Heaven							2: 11-50.
Lonicera japonica (vine	e) Japanese Honeysuckle	9						3: 51-100
Lythrum salicaria (wetland	d) Purple Loosestrife							4: 101-1,00
Aegopodium podagraria (G-cove	r) Bishop's Goutweed							5: >1,000
Celastrus orbiculatus (vine	Asian Bittersweet							1
Torilis sp.	Hedgeparsley				9			1
Conium maculatum	Poison Hemlock				,			1
Rhamnus cathartica	Common Buckthorn	(shrub)			X			1
Berberis thunbergii	Japanese Barberry	(shrub)						1
Alnus glutinosa	European Alder			1	1			1
Dipsacus laciniatus	Cut-leaf Teasel		1	1	1	1		1
Elaeagnus umbellata	Autumn Olive	(shrub)		1	1			1
Lonicera maackii	Amur Honeysuckie	(shrub)	4 1		91_	2		1
Euonymus fortunei	Wintercreeper		 					1
Tier 3: Presence	The second secon		100	# of	Plants	22562	comments	
			NE	SE	sw	NW		# of Plants
Convallaria majalis (G-cove	r) Lily of the Valley							1: 1-10
THE PROPERTY OF THE PARTY OF TH	r) Crown Vetch			1				2: 11-50.
Eleutherococcus pentaphyllus	Five-leaf Aralia	(shrub)			1			3: 51-100
	r) Japanese Pachysandra			1				4: 101-1,00
Philadelphus coronarius	Mock Orange	(shrub)		1	 			5: >1,000
	r) Lungwort	(1	 			
Rubus phoenicolasiys	Wineberry				 			1
ris pseudacorus (wetland								1
Ornithogalum umbellatum	Star of Bethlehem							1
Viburnum opulus var. opulus	European Cranberry	(shrub)						1
/iburnum plicatum	Doublefile Viburnum	(shrub)		†				1
Tier 4: Widesprea			100	Pres	ence		comments	1
			NE	SE	sw	NW	12 hars of the local design and	Presence
Alliaria petiolata	Garlic Mustard		15			64		X: yes
igustrum vulgare	Common Privet	(shrub)	01			1		1 ,
morrowii, L. tatarica	Bush Honeysuckles	(shrub)	21	1		<u> </u>		1
Phalaris arundinacea	Reed Canarygrass	(5.11 45)	2	2	2	2		1
Phragmites australis (wetland				1	<u> </u>			
Polygonum cuspidatum	Japanese Knotweed		t	\vdash	 			
rangula alnus	Glossy Buckthorn	(shrub)	-	+	0 1			
Rosa multiflora	Multiflora Rose	(shrub)	['] 2.	 	2	3		
ypha angustifolia, T. x.glauca	Cattails (wetland)		1	+	1	2		
Cirsium arvense	Canada thistle		12		62	1		
Dipsacus fullonum			1	1		-	Spr 10-17-10	1
	Common Teasel Dame's Rocket		-	 	<i>y</i> 1		SRE 10-17-12	-
Hesperis matronalis			-	 	-			
/inca minor (G-cover)	Periwinkle							

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

CLEVELAND METROPARKS Emerald Ash Borer - Fraxinus Sheet 25 24 23 22 2 20 19 8 16 15 14 ವ 10 ယ 17 9 œ 6 G ash Project Label: PCAP Voucher# Project Name: 01412012 (cm) Ht @ Ash "Dead DBH condition condition # Exit Epicormic present # Exit INTENSIVE MODULES ONLY Plot No.: 1213 Date: 10/15/12 Woodpecker holes Baseline Map all ash trees ≥10cm in each module using Tree iD number *** Change intensive module numbers when necessary 2 ဖွ Z Page: 1 of 2 œ ω

* 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)

								-								1			-		_		
•	FORM B-1: BUFFER SAMPLE PLOTS (Front) Site ID: P(APH) 1213 DATE: D(APH) 1213 Location: O AA Center ON OS ● E OW O Plot 1 O Plot 2 O Plot 3																						
Site	ID: P	CA	PL	1;	1>	13									DATE	:06	11.5	1	2.	<u>O</u> .	1 , 2	>	
		ZII.							Fill	in b	ubb	le(s)	if pl										
OAA	Center	C	N	0	S	6 E	0	W	OP	lot 1	1	01	Plot	2	OP	lot 3							
=			-1 0-		T	D - D	! - !		Buffer							bront: No troo	canony						
Strata Secti	es for all tr on: Fill in a	approp	pry: Ca priate o	over c	l ype:	oubble	for each	s; E = Evergre n strata type fo	or each plo	t. 0 = /	Absen	t; 1 = \$	Sparse	(<10%	b); 2=Mc	bsent: No tree derate(10-409	%); 3 = Heav	y (40	-75%)	4 = V	ery He	avy (>75%)
Buffer	Canop	у Тур	e: () () At	sent	: O	Buffer	Canopy	у Тур	e: @	() Ab	sent	: 0	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		(·)	<u> </u>		Flag
Big Trees (>0.3m DBH)	0	(4)	②	0	0	-11	Big Trees (>0.3m DBH)	0	0	0		0		Big Trees	(>0.3m DBH)	0	0	•	0	0	
mall Trees (<0.3m DBH	0	0	0	0			Small Trees (<0.3m DBH)	0	0	0		0		Small Trees	(<0.3m DBH)	0	0	0	0	0	
Noody Shrub (0.5m	s, Saplings -5m HIGH)	0	0	0	0	0		Woody Shrub (0.5n	s, Saplings 1-5m HIGH)	0	0	0	Ø				bs, Saplings m-5m HIGH)	0		0	0	0	C-UJ
Noody Shrub (<0	s, Saplings 0.5m HIGH)		0	•	0	0		Woody Shrub	s, Saplings 0.5m HIGH)	0	•	0	0	0		Woody Shru (<	bs, Saplings :0.5m HIGH)	0		0	0	0	11-13
	orbs and Grasses	0	0	•	(1)	0		Herbs,	Forbs and Grasses	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	1	0	0	0	
Li	tter, duff	0	0	9	0	0		Li	tter, duff	0	0	0	0			L	itter, duff	0	•	0	0	0	
	Rock O O O Rock O											0	0	0			Rock	0	•	0	0	0	
	Water 0 0 0 0 Water Submerged Submerged											0	0	0			Water	0		0	0	0	
Submerged Vegetation Vegetation Submerged Vegetation Vegetation												Submerged O O O						0					
													ng thi	s bub	ble.	9							
Residential and Urban Stressors Hydrology Stressors Agricultural & Rura																							
Fill bubble	e if pres	ent - l	Plot	1	2	3	Flag	Fill bubble if present - Plot				1	2	3	Flag	Fill bubble	if presen	t - P	lot	1	2	3	Flag
Road - gr	avel			0	0	0		Ditches, Channelization				0	0	0		Pasture/Ha	ıy	90		0	0	0	
Road - tw				0	0	0		Dike/Dam/Road/RR Bed (IMPEDE FLOW)				0	0	0		Range				0	0	0	
Road - for	ur lane			0	0	0	- 14	(IMPEDE FLOW) Water Level Control Structure					0	0	JF 1	Row Crops				0	0	0	
Parking L	ot/Paven	nent		0	0	0	W	Excavation	n, Dredgir	ng		0	0	0		Fallow Fiel		RESTI	NG	0	0	0	
Golf Cour	se			0	0	0		Fill/Spoil E	Banks			0	0	0		Fallow Field SHRUBS, TRE		NSS,		0	0	0	10
Lawn/Par	k			0	0	0		Freshly Do		Sedin	nent	0	0	0		Nursery				0	0	0	
Suburban	Resider	ntial		0	0	0		Soil Loss/	Root Exp	osure	•	0	0	•	2	Dairy	у			0	0	0	
Urban/Mu	ıltifamily			0	0	0		Wall/Ripra	p			0	0	0		Orchard				0	0	0	
Landfill		NA		0	0	0		Inlets, Out				0	0	0		Confined A		ding		0	0	0	
Dumping				0	0	0		Point Sou (EFFLUENT)	OR STORM			0	0	0		Rural Resi	dential			0	0	0	
Trash				0	0	0		Imperviou (SHEETFLO)		inpui		0	0	0		Gravel Pit			0.0	0	0	0	
Other: D	not a	pad		0	0	0		Other:				0	0	0		Imigation				0	0	0	
Other:		10000		0	0	0		Other:		Shire	791	0	0	0		Other:				0	0	0	
Indu	strial D	evel	opm	ent S	Stres	sor	3		ST YEAR				Habit	at/V	egeta	tion Stress	sors						
Fill bubbl	e if pres	ent -	Plot	1	2	3	Flag	Fill bubble	if prese	nt - l	Plot	1	2	3	Flag	Fill bubb	le if prese	nt -	Plot	1	2	3	Flag
Oil Drilling	9			0	0	0	_1	Forest Clea	ar Cut			0	0	0		Herbicide L	lse			0	0	0	
Gas Well	s			0	0	0		Forest Sele	ective Cut			0	0	0		Mowing/Sh	rub Cutting	1		0	0	0	
Mine (sur	face)	1.70		0	0	0		Tree Planta	ation			0	0	0		Trails				0	0	•	
Mine (underground)								Tree Cano (INSECT)	y Herbiv	огу		0	0	0		Soil Compa				•	0	0	
Military OOO								Shrub Laye		d		0	0	0		Offroad vel	nicle dama	ge		0	0	0	
Other: O O O								Highly Gra: (OVERALL <3	zed Grass	ses		0	0	0		Soil erosion		D, WA	ATER,	0	0	0	
								Recently B	urned Fo	rest		0	0	0		Other: die 8th				0	0	0	3
Other: 0 0 0 0								Recently B		assla	nd	0	0	0		Other:				0	0	0	-
-	lag codes	: K =	No me			mad	e, U = S	(BLACKENED	urement.,	F1,F	2, etc.	= mis	c. flag	s ass	Igned b	y each field c	rew.		2/12	8168			
105	Buffer Sa				/27/	Exp	lain all t	lags in com	nent section	on on	the b	ack of	this fo	orm				23	276	O T O C	, , , ,		
										_	_												

Site ID:	PC	A	P	4;	1213	DAT	E:	2.6		15/20,12				
© Confirm	a fille	ed da	ta bu	ıbble iı	ndicates presence and an unf	illed I	bubbl	le ind	dicates	absence by filling in this bubb	ole			
Fill bubble if present - Plot	1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Flag
Eurasian Watermilfoil	0	0	0	10.	Purple Loosestrife	0	0	0		Johnson Grass	0	0	0	
Water hyacinth	0	0	0		Knotweed	0	0	0	400.0	Kudzu	0	0	0	
Yellow Floating Heart	0	0	0		Japanese Knotweed	0	0	0		Multiflora Rose	•	0	0	
Giant Salvinia	0	0	0		Perennial Pepperweed	0	0	0		Common Buckthorn	0	0	0	
Garlic Mustard	0	0	0		Giant Reed	0	0	0		Himalayan Blackberry	0	0	0	
Poison Hemlock	0	0	0		Cheatgrass	0	0	0		Tamarisk	0	0	0	
Mile-A-Minute Weed	0	0	0		Reed Canary Grass	0	0	0		Other:	0	0	0	
Birdsfoot Trefoil	0	0	0		Common Reed	0	0	0		Other:	0	0	0	
Canada Thistle	0	0	0		Leafy Spurge	0	0	0		Other:	0	0	0	
		89				100				Other:	0	0	0	
	W.				PLOT COORI	DINA	TES	3	A					
Location of coordinate O AA CENTER O N Latitude I	3	O S	3	● E3	O W3 O Nearest pra	Lor	ngitu	de V		g and comment below)	.8.		Fla	ag
Flag Comments														
1 Diet aue	<u> </u>	100	1	1/	at follows a	9.0	· 1	ln	ح.				1-6	
					eroding the	69		,						
					ush clumps			100	D -	from unknown	2 (~ I	10	0
rest of -	th	2 \	rei	ret	ation was in	tac	- 0	<u>u.c.</u>		porre argerator			<u> </u>	-ر~
		_		,	1-141									
		3101		- 25					-				V.	
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9 11 1														
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10			<u> </u>	140			3	. 17				-		
		En s										122	07450	
Buffer Sample P	oints	- Tar	gete	d Alien	Species 05/27/2011					796	5662	354	8	

FORM B-1: BUFFER SAMPLE PLOTS - TARGETED ALIEN SPECIES (Back)

			M	W)	47		FO	RM B-1: E	BUFF	ER	SAN	/PL	E PI	LOT	S (F	ront)	17-18-91	Review	ed by	(initial)	::		
Site	ID: P	γ A	-P	41	1	\ 1:	3								DATE	:06	115	- 1	2	0	1 7	2	
Location		<u> </u>		17/		O.L.			Fill	in b	ubb	le(s) if p	lot(s	s) cou	ild not be	sample	ed a	nd f	ag -	→		-1
@ AA C		C	N	0	s	O	≣ 0	w	OP				Plot			Plot 3							
									uffer														
Fill in bubble Strata Section	es for all th on: Fill in a	at app approp	ply: Ca priate d	nopy cover o	Type: class l	D = D	eciduou for eac	s; E = Evergree n strata type for	n. Leaf T each plot	ype: E t. 0 = /	= Bro Absen	padlea t; 1 = 1	f; N = I Sparse	Needle (<10%	e Leaf. A %); 2=Mo	Absent: No tred oderate(10-40	e canopy. %); 3 = Hea	vy (40	-75%)	4 = V	ery H	eavy (>75%)
Buffer	Canopy	у Тур	e: (º) () AI	bsen	t: (a)	Buffer	Canopy	/ Тур	e: 🕝) () At	sent	: ()	Buffer	Canopy	Туре	e: (°)	(E)	Ab	sent	: ()
Plot 1	Lea	f Typ	e: (•	<u> </u>			Flag	Plot 2		f Typ	$\stackrel{>}{\sim}$	$\stackrel{\leftarrow}{\sim}$			Flag	Plot 3	Leaf	Туре	<u>;</u> (0	0			Flag
Big Trees (>	0.3m DBH)	•	0	0	0	0		Big Trees (>0.	.3m DBH)	0	0	0	0	0		Big Trees	(>0.3m DBH)	0	0	(2)	0	0	
imall Trees (<	<0.3m DBH)		0	0	0	0		Small Trees (<0).3m DBH)	0	0	(2)	0	0		Small Trees	(<0.3m DBH)	0	0	②	0	0	7
Woody Shrubs	s, Saplings -5m HIGH)	0	0	0	0	0	10.10	Woody Shrubs, (0.5m-5	Saplings im HIGH)	0	0	0	0	0	= =		ubs, Saplings 5m-5m HIGH)	0	0	(2)	0	0	
Noody Shrubs		0	•	0	0	0	26 7	Woody Shrubs,		0	0	0	0	<u> </u>		Woody Shru	bs, Saplings <0.5m HIGH)	0	0	0	0	0	
	orbs and Grasses	0	0	0	0	0		Herbs, Fo		0	0	(2)	0	0		Herbs	Forbs and Grasses	0	0	0	0	0	
Bare	ground	0	(3)	0	0	0			ground	0	0	②	0	0		Bar	re ground	0	0	0	0	0	
Lit	ter, duff	0	3	0	0	0		Litte	er, duff	0	0	0	0	0		L	itter, duff	0	0	0	0	0	
	Rock	3	0	0	3	0			Rock	0	0	②	3	0			Rock	0	0	(2)	0	0	
	Water	(3)	0	(2)	3	0			Water	0	0	<u> </u>	0	0			Water	0	0	0	0	0	
	ubmerged egetation	0	0	②	3	0			merged getation	0	0	0	0	0			Submerged Vegetation	0	0	0	0	0	
			e/Ab	send	e - (Confi	rm that	a filled data b		ndica	les pi	esen	ce an	d an	unfilled	bubble indi		nce l	oy filli	ng thi	s bub	ble.	0
Resi	dential	and	Urba	an S	tress	sors		Н	ydrolo	gy S	tres	sors					Agricult	ıral 8	& Ru	ral S	tres	sors	
Fill bubble	bubble if present - Plot 1 2 3 Fl							Fill bubble if present - Plot					2	3	Flag	Fill bubble	e if preser	ıt - Pi	lot	1	2	3	Flag
Road - gra	avel			0	0	0		Ditches, Ch	anneliza	tion		0	0	0		Pasture/Ha	ау			0	0	0	
Road - two	o lane			0	0	0		Dike/Dam/R		oad/RR Bed			0	0		Range			81	0	0	0	
Road - fou	ır lane			0	0	0	,	Water Level		Stru	cture	0	0	0		Row Crops	3			0	0	0	Ĺ
Parking Lo	ot/Pavem	ent		0	0	0		Excavation,	Dredgin	ng		0	0	0		Fallow Fiel	D)		NG	0	0	0	
Golf Cours	se			0	0	0		Fill/Spoil Ba				0	0	0	Н	Fallow Fiel SHRUBS, TRE		ASS,		0	0	0	
Lawn/Park	k			0	0	0		Freshly Dep (UNVEGETATE	D)		- 18	0	0	0	5	Nursery			0	0	0		
Suburban		tial		0	0	0		Soil Loss/Ro	oot Expo	osure	Age	0	0	0		Dairy				0	0	0	
Urban/Mul	Itifamily			0	0	0		Wall/Riprap				0	0	0		Orchard				0	0	0	
Landfill				0	0	0		Inlets, Outle				0	0	0		Confined A		ding		0	0	0	
Dumping			,	0	0	0		(EFFLUENT OF Impervious	STORMY	VATER	1)	0	0	0		Rural Resi Gravel Pit	uenuai			0	0	0	
Trash				0	0	0		(SHEETFLOW)				0	0	0		Irrigation				0	0	0	
Other:				0	0	0		Other:				0	0	0		Other:				0	0	0	
Other:	11.15						ECONT.	Outer.	or market	4 8			La richi				V 18 E			0	0	O	
	strial Do			T												tion Stress							
Fill bubble	1000	ent - l	Plot	1	2	3	Flag	Fill bubble it	f preser	nt - F	Plot	1	2	3	Flag	Fill bubb	le if pres	ent - I	Plot	1	2	3	Flag
Oil Drilling			de la	0	0	0		Forest Clear	Cut			0	0	0		Herbicide L		N I		0	0	0	
Gas Wells				0	0	0		Forest Select	tive Cut			0	0	0		Mowing/Sh	rub Cutting	9		0	0	0	
Mine (surf	ace)			0	0	0		Tree Plantati Tree Canopy		207		0	0	0		Trails Soil Compa	action			0	0	0	
Mine (und	erground	1)		0	0	0	i	(INSECT)				0	0	0		(ANIMAL OR I				0	0	0	
Military	Wildly Conned Concess							•	0	0		Offroad vel			TEP	0	0	0					
Other: P	OWER	line								0	0	0		Soil erosion (FROM WIND, WATER, OOOO									
Other:		OOO Recently Burned Forest Canopy							0	0	0		Other:				0	0	0				
Other:				0	0	0		Recently Bur (BLACKENED)	ned Gra	isslai	10	0	0	0		Other:				0	0	0	
Flag codes: K = No measurement made, U = Susp								(BLACKENED)							Igned b				3168	3304			

Buffer Sample Plots 05/27/2011

Site ID:	P	CA	P	H)	1213	DAT	E: _(5.6	<u>,</u>	1.5.1.2.0.1.2.				
Confirm	a fille	ed da	ta bi	ubble i	ndicates presence and an unf	illed I	oubbl	e inc	licates	absence by filling in this bubl	ole			
Fill bubble if present - Plot	1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Flag
Eurasian Watermilfoil	0	0	0		Purple Loosestrife	0	0	0		Johnson Grass	0	0	0	
Water hyacinth	0	0	0		Knotweed	0	0	0		Kudzu	0	0	0	
Yellow Floating Heart	0	0	0		Japanese Knotweed	0	0	0		Multiflora Rose	0	0	0	
Giant Salvinia	0	0	0		Perennial Pepperweed	0	0	0		Common Buckthorn	0	0	0	
Garlic Mustard	0	0	0		Giant Reed	0	0	0		Himalayan Blackberry	0	0	0	
Poison Hemlock	0	0	0		Cheatgrass	0	0	0		Tamarisk	0	0	0	
Mile-A-Minute Weed	0	0	0		Reed Canary Grass	0	0	0		Other:	0	0	0	
Birdsfoot Trefoil	0	0	0		Common Reed	0	0	0		Other:	0	0	0	
Canada Thistle	0	0	0		Leafy Spurge	0	0	0		Other:	0	0	0	
										Other:	0	0	0	
	30		122	LE TIL	PLOT COORI	DINA	TES						2504	
AA CENTER ON	- 1000	-		O E3	O W3 O Nearest pra	Lor	gitud	de V		and comment below)	9.			
Flag Comments														
The second results			1							1	HEED)	W E	/	
1 Plot fa	115	U	nde	-	major pover 11	ne	41	-77	-).	s clear cut a i	P	~	₫,	
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	T											er.		
							ñ			7010101				
											662	25.4		
										796		4 7 /		

Site	ID· V	. 1	7	, , ,	, ,			RM B-1:	BUFF	ER	SAI	MPL	ΕP					Reviewe				- (•
Locati	ID: P	CA	<u> </u>	H;	12	-13	>		T em	in h	la la	lala	1.6	lo4/s	DAIL	ild not be	1.5		ر ما 10	<u> </u>		<u> </u>	_
OAA			N	0	9	01	= 0	w		lot '			n p Plot			Plot 3	Sample	eu an	iu iie	ıy -			- 1
UAA	Center	•	IN	0	3	O L		(Concern)	Buffer	(incontract)	R		0,000		-	101 3			-	-			
								rs; E = Evergre h strata type fo	en. Leaf T	уре: Е	Br	oadlea	f; N =	Needle	e Leaf. A			vy (40-	75%);	4 = V	ery He	eavy (>75%)
Buffer	Canop	у Тур	e: 🕝) () AI	bsen	t: 🌘	Buffer	Canopy	у Тур	e: 🍘) () AI	osent	: O	Buffer	Сапору	Туре	((1)	Ab	sent:	0
Plot 1	Lea	f Typ	e: 🕝) (Flag	Plot 2	Lea	f Typ	e: 🌘				Flag	Plot 3	Leaf	Type:	0	(i)			Flag
Big Trees (>0.3m DBH)	9	0	2	0	0		Big Trees (>	>0.3m DBH)	•	0	0	0	0		Big Trees	(>0.3m DBH)		0	2	0	0	
mall Trees (<0.3m DBH)	0	0	0	0	0		Small Trees (<0.3m DBH)		0	0	0	0		Small Trees	(<0.3m DBH)	9	0	3	0	0	
Woody Shrub (0.5m	s, Saplings 1-5m HIGH)	•	0	0	0	0		Woody Shrub (0.5m	s, Saplings n-5m HIGH)	0	•	0	0	0			ıbs, Saplings im-5m HIGH)			3	0	0	1 0
Woody Shrub	s, Saplings).5m HIGH)	0	0	0	0	0		Woody Shrub (<0	s, Saplings 0.5m HIGH)	0	•	0	0	0			bs, Saplings 0.5m HIGH)	0	0	3	0	0	
Herbs, I	Forbs and Grasses	0	0	0	0	0			Forbs and Grasses	0	0	0	0	0		Herbs	Forbs and Grasses	0	0	3	0	9	
Bare	ground	•	0	0	0	0		Bare	ground	0	0	0	0	0		Baı	e ground	-	0	0	তা	0	
Lit	ter, duff	0	0	0	0	0		Lit	tter, duff	Ō	0	0	0	Ō	0.	L	itter, duff	0	_	0	Ŏ	Ö	
	Rock		Ø	0	0	0			Rock		0	<u>(1)</u>	0	0			Rock	-	-	0	Ŏ	Ö	
1881	Water	0	0	0	0	Ō			Water	0	0	0	Ö	ŏ			Water	-	-	0	ŏ	ŏ	
	ubmerged	-	0	(2)	0	0	1.22		ubmerged		$\frac{1}{2}$	0	0	$\overline{\odot}$			Submerged	(A)	$\stackrel{\sim}{\sim}$	<u></u>	<u></u>	ŏ	
	egetation	enc		\subseteq	_	-	rm that	a filled data	egetation	ndica	-				ınfilled		Vegetation	-	_	\sim $_{\perp}$			a
100000	idential			a Brown					Hydrolo				oc an	u uii i	armiou		Agricult			- 3			
and the second		Laurence Co.	ARTON D	Τ.				COLUMN COLUMN				T	2		Elec	Fill bubble				1	2	3	Flag
Fill bubble	TOWN DO NOT	ent - s	PIOL	1	2	3	Flag	Fill bubble		1000	-101	1	2	3	Flag			16-1-16					1 lay
Road - gr				0	0	0		Ditches, C Dike/Dam/		0.000		10	0	0		Pasture/Ha Range	iy		-	의		0	
	oad - two lane OOO							(IMPEDE FLOW) Water Level Control Structure			0	0	0		Row Crops			-	읽	의	0	-	
Parking L		oent.		0	0	0		Excavation			Cluic	0	0	0		Fallow Fiel		RESTIN		0	0	0	-
Golf Cour		TOTAL		0	0	0		Fill/Spoil B		ig .		0	0	0		Fallow Fiel	d (OLD - GR	ASS,	_	0	0	0	
Lawn/Par				0	0	0		Freshly De	posited S	Sedin	ent	0	0	0		SHRUBS, TRE Nursery	ES)		_	8	0	0	
Suburban		tial	100	0	0	0	-	Soil Loss/F	-	osure		0	0	0		Dairy			_	<u></u>	0	0	
Urban/Mu				0	0	0		Wall/Ripra	D .			0	0	0		Orchard			_	ö	0	0	_
Landfill				0	0	0	-	Inlets, Out				0	0	0		Confined A	nimal Fee	ding		o	0	0	
Dumping				0	0	0		Point Sour	ce/Pipe	MATER		0	0	0		Rural Resi			_	o	0	0	_
Trash				0	0	0		Impervious	surface	input	_	0	0	0		Gravel Pit				o	0	0	
Other:				0	0	0		Other:	1			0	0	0		Irrigation				o	o	0	
Other:				0	0	O	-	Other:				0	0	0		Other:				o	0	0	
Indu	strial D	evel	opm	0 50	Stres		3						Habit	tat/V	egeta	tion Stress	sors						
Fill bubble	e if prese	ent - I	Plot	1	2	3	Flag	Fill bubble	if prese	nt - F	Plot	1	2	3	Flag	Fill bubb	le if pres	ent - P	lot	1	2	3	Flag
Oil Drilling				0	0	0		Forest Clea	r Cut			0	0	0		Herbicide L	lse			0	0	0	
Gas Wells	3	er res é	Q.W	0	0	0		Forest Sele	ctive Cut			0	0	0		Mowing/Sh	rub Cutting	9		•	0	0	
Mine (surf	face)			0	0	0		Tree Planta	tion			0	0	0		Trails				0	0	0	
Mine (und	erground	1)		0	0	0		Tree Canop	y Herbivo	огу	N Company	0	0	0		Soil Compa			\rightarrow	0	0	0	
Military				0	0	0		(INSECT) Shrub Layer		d		0	•	0		Offroad veh	LEGISTRA SECTION	ae		0	0	0	
Other:	n. 40. 12		7	9	®	0	1	(WILD OR DON Highly Graz	ed Grass	ses		0	0	0		Soil erosion	(FROM WIN		ED	0	0	0	
	UVEVII I	ME						(OVERALL <3" Recently Bu		est	1					OR OVERUSE			-	-	_	-	
Other:				0	0	0		Canopy Recently Bu	ırned Gra	sslar	nd	0	0	0		Other:			=			0	
Other:		14 .	- Land	0	0	0		(BLACKENED)				0	0			Other:			_	O	이	0	100
						Exp		uspect measi lags in comm							gned b	y each field c	rew.	2	428	168	304		
В В	uffer San	nple l	Plots	05	/27/2	2011	3 1.5				P. T.			1111	T. IT	Maria Cara						ghan.	

FO	RM	B-1	1: E	3UFF	ER SAMPLE PLOTS -	TAF	RGE	TEI) ALI	EN SPECIES (Back) Reviewed by	/ (initial	i):		
Site ID:	PC	AP	H	12 1	213	DAT	E: _(2,0	ا ام	5.1.0.5.		100	i en la	
⊚ Confirm	a fille	ed da	ita bi	ubble i	ndicates presence and an unf	illed I	bubbl	e inc	dicates	absence by filling in this bubl	ble			
Fill bubble if present - Plot	1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Flag
Eurasian Watermilfoil	0	0	0		Purple Loosestrife	0	0	0		Johnson Grass	0	0	0	
Water hyacinth	0	0	0		Knotweed	0	0	0		Kudzu	0	0	0	
Yellow Floating Heart	0	0	0	,	Japanese Knotweed	0	0	0		Multiflora Rose	0	0	0	
Giant Salvinia	0	0	0		Perennial Pepperweed	0	0	0		Common Buckthorn	0	0	0	
Garlic Mustard	0	0	0		Giant Reed	0	0	0		Himalayan Blackberry	0	0	0	
Poison Hemlock	0	0	0		Cheatgrass	0	0	0		Tamarisk	0	0	0	
Mile-A-Minute Weed	0	0	0		Reed Canary Grass	0	0	0		Other:	0	0	0	
Birdsfoot Trefoil	0	0	0		Common Reed	0	0	0		Other:	0	0	0	
Canada Thistle	0	0	0		Leafy Spurge	0	0	0		Other:	0	0	0	
							- 8			Other:	0	0	0	
		I LEGIL			PLOT COORI	DINA	TES					No.		
										or the Buffer Plot at the AA CEN				
Location of coordinate O AA CENTER N	200	hoo:		ne): O E3	O W3 O Nearest pra	ctica	ble lo	catio	on (flag	g and comment below)			Fla	ag
Latitude I	Nort	h 4	+ 1	1.7	1.682	Lor	ngitu	de V	Vest	081.6862	æ			
					Use Decimal Deg									
Flag Comments						-								
		1			-1 1				11921	and the second operations		200		
Plot Lalls	Lor	CC	-	no	and powerlin	e.		-					_	
								536 - 110						-
		_				-		_					_	
			THE Y	·							e Garra		71	
		ener:		-			-					-		
							-			14.4	_			
		_								15-110-		5. C.		
		_												
								_				oje. T		
					1.16				-					
				2120	127		1.10		100	1.6.9		16.		9 7
									- 1					
Buffer Sample P	oints	- Tar	gete	d Alien	Species 05/27/2011					796	6662	354	8	

		4		FOI	RM B-1:	BUFF	ER	SAI	/IPL	E PI	LOT	S (F	ront)	1	Reviewed	l by (initia	1):	(•
Site ID: PCAP +	ti 1:	21:	3									DATE	: D b	115	15	20	1.3	٦.	
Location:			HE			Fill	in b	ubb	le(s)	if p	lot(s	s) cou	ld not be	sample	ed and	d flag	\rightarrow	Γ.	. T
O AA Center O N	0	S	O	E @	W	100000000000000000000000000000000000000	lot 1			Plot			lot 3					-	1
						Buffer													
Fill in bubbles for all that apply: 0 Strata Section: Fill in appropriate	cover	ı ype: class l	bubble	e for eac	s;	en. Lear i or each plo	ype: E	Abser	t; 1 = \$	r, in = r Sparse	Needie (<10%	6); 2=Mo	oderate(10-40	е сапору. %); 3 = Hea	vy (40-7	5%); 4 =	Very F	eavy (>75%)
Buffer Canopy Type:) A	bsen	t: ()	Buffer	Canopy	у Тур	e: 🔞) (E) At	sent	: O	Buffer	Canopy	Type:	0) Al	sent	: O
Plot 1 Leaf Type:		5		Flag	Plot 2	Lea	f Typ	e: @	0			Flag	Plot 3	Leaf	Type:	0	5		Flag
Big Trees (>0.3m DBH)	0	0	0		Big Trees (>	0.3m DBH)	0	0	0	9	0	1-4	Big Trees	(>0.3m DBH)	0	<u> </u>	0	0	
mall Trees (<0.3m DBH)	0	0	0		Small Trees (<0.3m DBH)	0	0	②		0		Small Trees	(<0.3m DBH)	0	D @	0	0	
Woody Shrubs, Saplings (0.5m-5m HIGH)	0	0	0		Woody Shrubs (0.5m	s, Saplings -5m HIGH)	0	0	2		0			ubs, Saplings im-5m HIGH)		D 0	0	0	ĈК
Voody Shrubs, Saplings (<0.5m HIGH)	0	0	0		Woody Shrubs (<0	s, Saplings .5m HIGH)	0	0	0	(1)	0			bs, Saplings <0.5m HIGH)	0	D 0	0	0	
Herbs, Forbs and Grasses	0	0	•		Herbs, F	orbs and Grasses	0	0	①	9	0		Herbs	, Forbs and Grasses	0	D (C	0	0	-
Bare ground	0	0	0		Bare	ground	0	0		0	0		Bai	re ground	0	D 0	0	0	5 -
Litter, duff 💿 🌑	0	0	0		Lit	ter, duff	0	0		0	0		L	itter, duff.	0	D 0	0	0	-1
Rock O	0	0	0			Rock	0	6	0	0	0			Rock	0	D 0	0	0	
Water 🔘 🛈	0	0	0			Water	0	0	0	9	0			Water	0	3 0	0	0	
Submerged Vegetation	0	0	0	1 1		bmerged egetation	0	0	①	0	0			Submerged Vegetation	0	D 0	0	0	
Stressor Presence/A	sen	ce -	Confi	rm that			ndica	tes p	resen	ce an	d an	unfilled	bubble indi	cates abse	ence by	filling t	nis bu	oble.	0
Residential and Urb	an S	tres	sors			Hydrolo	gy S	tres	sors			3 86		Agricult	ural &	Rural	Stres	sors	
Fill bubble if present - Plot	1	2	3	Flag	Fill bubble	if prese	ent - I	Plot	1	2	3	Flag	Fill bubble	e if preser	nt - Plo	t 1	2	3	Flag
Road - gravel	0	0	0		Ditches, Cl	hanneliza	ation		0	0	0		Pasture/Ha	ay		0	0	0	1
Road - two lane	0	0	0		Dike/Dam/		8 Bed		0	0	0		Range		arg, hey	0	0	0	
Road - four lane	0	0	0		Water Leve		l Stru	cture	0	0	0		Row Crops			0	0	0	
Parking Lot/Pavement	0	0	0		Excavation	, Dredgir	ng		0	0	0		Fallow Fiel	D)		0	0	0	
Golf Course	0	0	0	1 = 4	Fill/Spoil B				0	0	0		Fallow Fiel SHRUBS, TRE		ASS,	0	0	0	
Lawn/Park	0	0	0		Freshly De (UNVEGETAT		Sedin	nent	0	0	0		Nursery			0	0	0	
Suburban Residential	0	0	0	2 6	Soil Loss/F	Root Expo	osure		0	0	0		Dairy			0	0	0	
Urban/Multifamily	0	0	0		Wall/Ripra	р			0	0	0		Orchard			0	0	0	
Landfill	0	0	0		Inlets, Outl				0	0	0		Confined A		eding	0	0	0	ar tu
Dumping	0	0	0		Point Soun (EFFLUENT O Impervious	R STORM	VATER	(3)	0	0	0		Rural Resi	dential		0	0		1
Trash	0	0	0		(SHEETFLOW		inpui		0	0	0		Gravel Pit			0	0	0	
Other:	10	0	0		Other:				0	0	0		Irrigation			0	0	0	
Other:	10	0	0	edentions.	Other:		701		0	0	0		Other:	LUNCH T		_ 0	0	0	
Industrial Developn	ent :	Stres	sor	S					277	Habit	tat/V	egeta	tion Stress	sors	100				
Fill bubble if present - Plot	1	2	3	Flag	Fill bubble	if prese	nt - I	Plot	1	2	3	Flag	Fill bubb	le if pres	ent - Pi	ot 1	2	3	Flag
Oil Drilling	0	0	0		Forest Clea	r Cut			0	0	0		Herbicide L	Jse		0	0	0	
Gas Wells	0	0	0	-	Forest Sele	ctive Cut			0	0	0		Mowing/Sh	rub Cutting	g	0	0	0	
Mine (surface)	0	0	0		Tree Planta				0	0	0		Trails			0	0	0	
Mine (underground)	0	0	0		Tree Canop (INSECT)				0	0	0		Soil Compa (ANIMAL OR H			0	0	0	
Military	0	0	0		Shrub Layer (WILD OR DOM	MESTIC)			0	0	0		Offroad veh			0	0	0	_
Other:	0	0	0		Highly Graz (OVERALL <3"	HIGH)			0	0	0		Soil erosion OR OVERUSE		ND, WATE	R O	0	0	
Other:	0	0	0		Recently Bu		rest		0	0	0		Other:			_ 0	0	0	
Other:	0	0	0		Recently Bu (BLACKENED)	rned Gra	asslaı	nd	0	0	0		Other:			_ 0	0	0	
Flag codes: K = No m	easure	ement										igned b	y each field c	rew.	24	12816	830	4	
				- week # 18	25 111 0 07111111														_



FC	RM	B-1	l: E	BUFF	ER SAMPLE PLOTS -	TAF	RGE	TEI) ALI	EN SPECIES (Back) Reviewed by	(initial):	U	
Site ID:	PCI	1 19	Hi	12	3	DAT	E: _	0.6	عا _ك ا_	1512012				
Confirm	a fille	ed da	ta bı	ubble ii	ndicates presence and an unf	illed l	bubbl	le inc	dicates	absence by filling in this bubl	ole	(nris	240	
Fill bubble if present - Plot	1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Flag
Eurasian Watermilfoil	0	0	0		Purple Loosestrife	0	0	0		Johnson Grass	0	0	0	
Water hyacinth	0	0	0		Knotweed	0	0	0		Kudzu	0	0	0	m/
Yellow Floating Heart	0	0	0		Japanese Knotweed	0	0	0		Multiflora Rose	0	•	0	
Giant Salvinia	0	0	0		Perennial Pepperweed	0	0	0		Common Buckthorn	0	0	0	
Garlic Mustard	0	0	0		Giant Reed	0	0	0		Himalayan Blackberry	0	0	0	
Poison Hemlock	0	0	0		Cheatgrass	0	0	0		Tamarisk	0	0	0	
Mile-A-Minute Weed	0	0	0		Reed Canary Grass	0	0	0		Other:	0	0	0	
Birdsfoot Trefoil	0	0	0		Common Reed	0	0	0		Other:	0	0	0	
Canada Thistle	0	0	0		Leafy Spurge	0	0	0		Other:	0	0	0	
		Na.								Other:	0	0	0	
					PLOT COOR	DINA	TES	3						
Plots are centered on the Bu flag box, and describe where either placed as close to the	ffer T the c cente	ranse coordi er of F	ects a inate Plot 3	and the s were as pos	coordinates will indicate the loc	ation section	of the	tran ow. T	sect. F	TRANSECT. This is important ill in the "nearest practicable loc rdinates of the nearest practicab	ation"	bubb	ole, fil	II in the be
Location of coordinate	1			ne): O E3	O W3	ation	blo le	ooti.	on (flor	g and comment below)		Γ	3	
O AA CENTER O N	3	O S	.	O E3	O W3 • Nearest pra	Cuca	DIE IC	Cauc	on (nag	g and comment below)				
Latitude I	Norti	1 4		. 2	1557	Lor	ngitu	de V	Vest	081.6869	4			
					Use Decimal Deg									
													Mari	
Flag Comments	_	-				-1-1	7		2.0		10.00			
1 Compost	ed		_	-	rles just Sou		- mail	7.4	PIOT					
2 Barn an	ld	4	ae	tor	just South	36	pr	ot	-					
3 Rig Too	clo	Se	.+	Q O	roperty line.	to	CE	m	ba	ne				
4 proper	4	ir	Ø		to close for	CE	·~	4	200					
(<u> </u>													
					<u> </u>									
	50000							1000						
			III											
					5	Santia							sseathar	
						1								
		- N 1			5 4 5					L. Jane	5.54	- 25		
Buffer Sample P	oints	- Tar	gete	d Alien	Species 05/27/2011					796	5662	354	8	•

								-															
							FOF	RM B-1:	BUFF	ER	SAN	/IPL	E PI	LOT	S (F	ront)	ob-salk	Review	ed by	(initial):		_ (
Site	ID: <u>ρ</u>	AF	H	12	<u>-):</u>	3			i and							0.6						2	
Locati		No.	NP.	2		30			Fill	in b	ubb	le(s) if p	lot(s	s) cou	ld not be	sample	ed a	nd fl	ag -	→	2	
OAA	Center	С	N	0	S	OE	0	W	100-000	lot 1	+0	1000	Plot	-		lot 3						_	
Fill in bubble Strata Secti	es for all th on: Fill in a	nat app approp	ply: Ca oriate o	nopy cover o	Type:	D = C	eciduou for eacl	s: E = Everan	Buffer een. Leaf T or each plo	voe: E	= Bro	adlea	f: N = 1	Needle	e Leaf. A	bsent: No tree	e canopy. %); 3 = Hea	vy (40	-75%);	; 4 = V	ery He	avy (>75%)
Buffer	Canopy	у Тур	e: () AI	bsen	t: O	Buffer	Canopy	у Тур	e: () () At	sent	: O	Buffer	Canopy	Туре	e: ①	0	Ab	sent:	0
Plot 1	Lea	f Typ	e: 👍	(Flag	Plot 2	Lea	f Typ	e: 🕒) (·			Flag	Plot 3	Leaf	Туре	:: (0)	0			Flag
Big Trees (>	•0.3m DBH)	0	0		0	0	1. 1	Big Trees (>0.3m DBH)	0	0	M	0	0	7 17	Big Trees	(>0.3m DBH)	0	0	0	0	0	
mall Trees (•	<0.3m DBH)	0	0	①		0	T.	Small Trees (<0.3m DBH)	0	0	2	3	0	Ш	Small Trees			0	0	0	0	
Voody Shrub: (0.5m	s, Saplings -5m HIGH)	0	0	0	0	0		Woody Shrub (0.5n	s, Saplings 1-5m HIGH)	0	0	0	0	0			ubs, Saplings 5m-5m HIGH)		0	0	0	0	
Voody Shrub: (<0	s, Saplings .5m HIGH)	0	0	•	0	0		Woody Shrub	s, Saplings 0.5m HIGH)	0	0	2	0	0			ıbs, Saplings <0.5m HIGH)		0	0	0	0	
Herbs, F	orbs and Grasses	0	0	0	0	0		Herbs,	Forbs and Grasses	0	0	0	0	0		Herbs,	Forbs and Grasses	0	0	2	0	0	
Bare	ground	0	0	②	0	0	_	Ban	ground	0	0	2	0	0		Bar	re ground	0	0	0	0	0	
Lit	ter, duff	0	0	2	3	0		Li	tter, duff	0	0	0	0	0	- 13	L	itter, duff	0	0	0	0	0	
	Rock	0	0	0	0	0			Rock	0	0	(2)	0	0			Rock	0	0	0	0	0	
	Water	0	0	0	0	0			Water	0	0	0	0	0			Water	0	0	0	0	0	
	ubmerged egetation	0	0	②	0	0			ubmerged /egetation	0	0	(2)	0	0			Submerged Vegetation		0	0	0	0	
		senc	e/Ab	send	:e - (Confi	rm that			ndica	tes pi	esen	ce an	d an	unfilled	bubble indi	cates abse	ence t	y filli	ng thi	s bub	ble. (9
Resi	dential	and	Urba	an S	tres	sors			Hydrolo	gy S	tres	sors					Agricult	ural &	& Ru	ral S	tres	sors	
ill bubble	if prese	ent - I	Plot	1	2	3	Flag	Fill bubbl	e if prese	ent - l	Plot	1	2	3	Flag	Fill bubble	e if preser	nt - Pi	ot	1	2	3	Flag
Road - gra	avel			0	0	0		Ditches, C	hanneliza	ation		0	0	0		Pasture/Ha	ау			0	0	0	
Road - tw	o lane			0	0	0		Dike/Dam (IMPEDE FLO		Bed		0	0	0		Range				0	0	0	
Road - fou	ır lane	4	3 1 15	0	0	0	(at)	Water Lev	el Contro	l Stru	cture	0	0	0		Row Crops				0	0	0	l de
Parking L	ot/Pavem	nent	risili	0	0	0		Excavation	n, Dredgir	ng		0	0	0		Fallow Fiel ROW CROP FIEL	D)		NG	0	0	0	
Golf Cour	se			0	0	0		Fill/Spoil E				0	0	0		Fallow Fiel SHRUBS, TRE		ASS,		0	0	0	
Lawn/Parl	k			0	0	0		Freshly De (UNVEGETA		Sedin	nent	0	0	0		Nursery				0	0	0	
Suburban	Residen	tial		0	0	0		Soil Loss/	Root Expo	osure		0	0	0		Dairy				0	0	0	
Urban/Mu	Itifamily			0	0	0		Wall/Ripra	р			0	0	0		Orchard				0	0	0	
Landfill				0	0	0		Inlets, Out		1		0	0	0	1	Confined A		eding		0	0	0	
Dumping				0	0	0		(EFFLUENT (OR STORM	VATER	(5	0	0	0		Rural Resi	dential			0	0	0	1
Trash				0	0	0		(SHEETFLOV		IIIpui		0	0	0		Gravel Pit				0	0	0	
Other: _				0	0	0		Other:				0	0	0		-Irrigation				0	0	0	
Other:				0	0	0		Other:				10	0	0		Other:	Total Control			0	0	0	
indu	strial D	evel	opm	ent S	Stres	sor	8						Habit	at/V	egeta	tion Stress	sors					Jan.	
ill bubble	e if prese	ent -	Plot	1	2	3	Flag	Fill bubble	if prese	nt - I	Plot	1	2	3	Flag	Fill bubb	ole if pres	ent -	Plot	1	2	3	Flag
Oil Drilling				0	0	0		Forest Clea	ar Cut			0	0	0		Herbicide L	Jse		-56	0	0	0	
Gas Wells	3			0	0	0		Forest Sele	ective Cut			0	0	0		Mowing/Sh	rub Cuttin	g		0	0	0	
Mine (sur	face)			0	0	0		Tree Planta				0	0	0		Trails				0	0	0	
Mine (und	erground	i)		0	0	0		Tree Canor (INSECT)	y Herbivo	ory		0	0	0		Soil Compa (ANIMAL OR H	action HUMAN)			0	0	0	
Military		8920		0	0	0		Shrub Laye (WILD OR DO		d		0	0	0		Offroad vel				0	0	0	
Other: _			18	0	0	0		Highly Gra: (OVERALL <3"		ses		0	0	0		Soil erosion OR OVERUSE		ND, WA	TER,	0	0	0	
Other:				0	0	0		Recently B Canopy		rest		0	0	0		Other:				0	0	0	
Other:			1	0	0	0		Recently B		assla	nd	0	0	0		Other:	1 1			0	0	0	-
O FI	ag codes	: K = I	No me	easure		made		uspect meas	urement.,						igned b	y each field c	rew.	V 1	242	8168	3304	1	
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O Confirm	a fille	d da	ta bu	ıbble in	dicates presence and an unf	illed b	oubbl	le inc	licates	absence by filling in this bubl	ble			
ill bubble if present - Plot	1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Flag
Eurasian Watermilfoil	0	0	0		Purple Loosestrife	0	0	0		Johnson Grass	0	0	0	
Vater hyacinth	0	0	0	w(1+1	Knotweed	0	0	0		Kudzu	0	0	0	H.
ellow Floating Heart	0	0	0	2023	Japanese Knotweed	0	0	0		Multiflora Rose	•	0	0	4
iant Salvinia	0	0	0		Perennial Pepperweed	0	0	0		Common Buckthorn	0	0	0	
arlic Mustard	0	0	0		Giant Reed	0	0	0		Himalayan Blackberry	0	0	0	
oison Hemlock	0	0	0	1	Cheatgrass	0	0	0		Tamarisk	0	0	0	
ile-A-Minute Weed	0	0	0		Reed Canary Grass	0	0	0		Other:	0	0	0	
irdsfoot Trefoil	0	0	0		Common Reed	0	0	0		Other:	0	0	0	
anada Thistle	0	0	0		Leafy Spurge	0	0	0		Other:	0	0	0	
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