CLEVELAND MET	ROPARKS Plant Community Assess	sment Program:	Quality Control Form Gieveland Metroparks
Project Label:	PCAP	Plot No	Quality Control Form © Gleveland Metroganks:
	3.44.44.44		Comment required if item answer is NO
Parking/Access outsid	de of Park Boundaries:	Y N	If yes, write details in Comments section below
Field journals comple		N (Y)	in yes, write details in Comments section below
Site sketch made on 1		N	
Check cover page	X-axis Bearing of plot recorded	Ø N	
Check cover page	GPS coords. Recorded	-	
	North direction recorded	Y) N	
DI AND D	Photographs taken?	(Y) N	
Plot No., Date agreem		N	`
Header data complete		N N	
	d in all Intensive modules	₩ N	
Browse Level By Spe		Q N	
Woody stem quality c		N N	
Invasive plant quality	control check	Y N	
Ash trees mapped		Y N	NA
Cover by Strata? (con	firm cover type)	(Y) N	<u> </u>
Soil samples collected	with matching plot #.	(V) N	
Vouchers labeled on d	atasheet with initials and number	(Y) N	
Vouchers labeled on c	ollection bag	N (Y	
Pink flags removed		◯ N	
Data sheet QA before	leaving site?	Y N	
Common equipment re		YN	
Data sheets scanned?		8-22-12	Enter date to left
Final data sheets scan	ned?		Enter date to left
Buffer Widths measur		(Y) N	NZ 7-6-12
Web Soil Survey		(Y) N	TK8-17-12
Voucher Location	Refrigerator	YN	7 (12)
(# vouchers collected)	Press (#)	1 14	Enter number to left
# volicies conected)		y v	Enter number to left
SKETZY	Drier	Y N	
125	Identified		
60.	Mounted	Y N	
	Thrown away	Y N	
99	ion: Is plot sampleable?		
_ yes	Original GRTS point is sampleable		
□ No	Original GRTS point lands in a non-sa		Il in category below)
_	☐ Point falls in a water (i.e. river, lak		
	☐ Managed moved area (i.e. golf co	urse, picnic area, righ	t-of-way)
<u></u>	☐ Paved area (i.e. parkinglot, road) ☐ Unsafe to sample (i.e. steep slope)		
	Other		
Additional Comments			
			-
			

PLOT NOT SAMPLED: Plot No.: 1284 Plot Name: GENERAL INFORMATION CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet Minimum required fields in Bold and Underlined □ Accurate SAMPLING QUALITY* □ Perm. water TAXONOMIC STANDARD vascul TAXONOMIC ACCURACY Very thorough Roles: Co-leader, Asst., Guide, Owner, Taxonomist, etc Effort Level: End date (if > 1 day): 8 / 16/2013 Date (mm/dd/yyyy): O Project Name: 61NC2012 Ensamperer hood Trepd Level 5 (nested corners sampled) Level 4 (no nested corners sampled) Ant Armusedun ☐ Paved ☐ Slope ☐ Safety modera. may still provide good sampling. Hurried plots how much effort put into subjective evaluation of 115/2017 Pub Date: Plot leader low □ Other not smp 1998 □ Systematic (grid) □ Capture specific feature □ Other GPS File Name: 1284A *S* = *x* GPS location in plot x=0 to 5, y=-1,0,+1): Data Confidentiality Camera No.: Depth: (1-5): 4 Plot size for cover data: O. Latitude: 41.55812 Datum: ■ NAD83/WGS84 □ NAD27 ■ Lat/Long □ UTM □ StatePlane Check one: Public data Private Data Local Place Names: 1. B. Williams Quadrangle: May Field LOCATION 🗆 Raudom 🗅 Stratified Random 🗅 Transect component Plot placement: GRTS Coordinate system: If data not public why' □ Fuzz 100m □ Fuzz 250m □ Fuzz 500m Landowner: <M Intensive modules: 2, 3, 8, 9 ongitude: 😤 / Memorial woods *Definitions and values in CM PCAP FOM v. 1.0 and CVS Field Guide X-axis Bearing of plot: y = 6 (base of plot x=0, y=0) County: Coyhoga Representative ■ deg 🗆 deg min Coord. Units 315 ° (EDIT IF MODIFIED hectares Vest Char. Rationall GRTS pt Line of runs Enst garallel to property line dominants, strata, BROWSE). Additional notes in space on back content), Rationale (why here), and Veg Characterization (description of community, NOTES: Include Layout (any unusual shape details), Location (directions and landscape Cayout bxb Parte at Williams woods and walk apparex 300 must Dlagram

Plot origin

GPS location

→

Key:

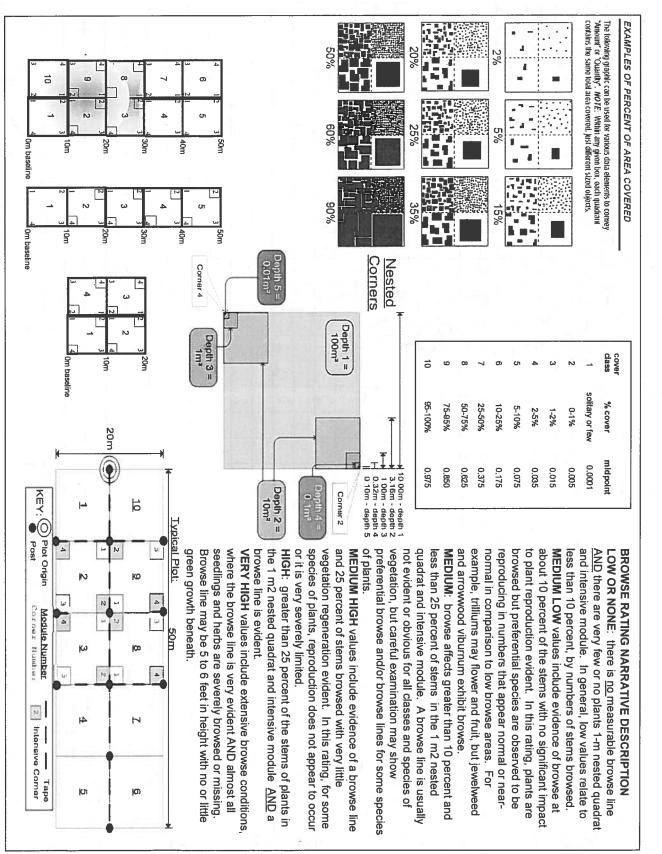
(0,0) point Myste Resident Canopy Beech, Reed Merpe, Red Cark #1 #10 Shows: Beach, Compions, Sugar muse Herb: White grass, four marine grass

Jack in the publit, poison in and some seeleget photo taken, with direction # #7 (B) Glandund Maleupark Page 1 of 2 permanent posts location of #6

CLEVELAND ME IRDARKS Plant Community Assessment Program - Background Data Sheet MODIFIED NATURESERVE CLASS: FIF-\$\frac{1}{2} \cont \lambda \rightarrow \lambda \rightarrow	DISTURBANCES ODE (on separate fame) COA COA COA COA COA COA COA CO
Plot No.: Plot No.: Plot No.: Pow of plot No of pl	Plot No.: 1284 100 Old X-ME 100 Old X-ME MH=med high, H=high, VH=V K N/ the drought pow who wire plot pow who wire plot so minum d severy plant d severy plant
	description A SH DEST BUT A PLOT WOUGHT W

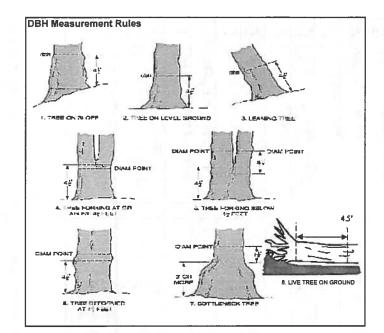
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5

Cleveland Matroparks Strata - Cov. entire plot CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet 2a Total modules: Project Label: S H (F)(A) Br <u>S</u> حع Ø Ó 4 7 9 88 6 A BUTRUM C Carpinus truxinus op Caryon Moss How rubrym rounus Har sacharung Frans Granditulia fr axinus Toxicadendron Crutusqus Arisanno describe amount of browse per species over orthonocussus larsia W XOID Br = Browse Level. Use cover classes to MUDING mus 0 OVaka Species Surotina SWGM Caroliana (Soud) Deas triphyllum vor Mova box o cursis Dennsylver radica 4 bhyllyn Intensive modules: %unveg. ground (bare soil) %unvegetated open water Estimate for each intensive module: %unveg. litter (bare litter 2-2100 Project name: UNCAOIA Voucher# %open water depth دو depth 2 d cov | depth çov | depth N S رو U 9 20 עע 8 15: Plot configuration: mod COV COV b C Plot no.: 1254 2 COV 0 0 D mod 2 QX5 COV depth 10 4 cov depth 0 0 G cov | depth O mod. Plot area (ha) O. 000 000 Page of T الر cov | depth 5 2 C 9 mod ري COV depth depth под 20 COV COV



Project Label:	PCAP	Project Label: PCAP Project name: U NC 2U A Plot no.:/ 254	7
Total modules:	10	Intensive modules: 4 Plot configuration: $2x5$ Plot area (ha):0.1	
(Br = Browse Level. Use cover classes to	Estimate for each depth cov depth c	depth cov
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5 Toxicodendran radicans	Ph Go						
C Onto							



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.



B

C

D

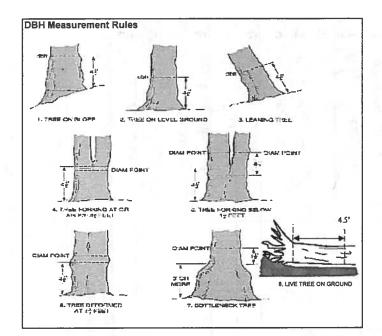
Е

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.

Togus granditalia CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet b Fagus grandistolia Standing dead querus rubra Fagus grandifolia Transon sp. Prunus serotina Standing dead Corpinus caroliniana Standing dead Carpinus caroliniana Accel Sacchasum Standing dead fagus granditolia Standing dead Caspinus Caroliniana Frank grandifilia Rosa multiflora Rosa multiflora Explain subsample (additional room on back Lindera benzom Aker saucharum Avec Săcchiarum Acer cubrum Ples suchusum Project Label: PCAP voucher# # stems browsed 0-1.4m or super sample % sub Project Name: OI PLAP 2017 dumps shrub # size class (cm) woody stems >1.4m ٩ XX 1-<2.5 U 2.5-<5 Plot No .: 1254 5-<10 10 - <15 15 - <20 20 - <25 Page: 25 - <30 30 - <35 Dieweland Metroparks 35 - <40 6 57.3 0.比 8.15 ならか >40 (record each tree) =



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

10













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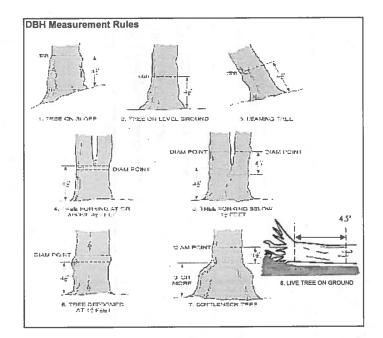
E

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																				11 >40 (record each tree				and Makeyander



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













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

Vinca minor (G-cover) Periwinkle I Sm putch

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

Canada thistle

Common Teasel

Dame's Rocket

Cirsium arvense

Dipsacus fullonum

Hesperis matronalis

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

Module #	C?	Corner Corner	Corner
_ IP			-

CLASSIFICATION		
(FIT = excellent, g Fit and Confidence	ý	
Hydrozeomorphic class (WETLANDS ONLY):		
DEPRESSION	Ei=	Conf=
□ IMPOUNDMENT □ Beaver □ Human	FILE	Conf=
o RIVERINE o Headwater o Mainstem o Channel		Conf=
□ SLOPE (ground water hydrology or on a physical slop)	Fit=	Conf=
n FRINGING in Reservoir in Natural Lake	Fit=	Conf=
n COASTAL (specify subclass)	FILE	Conf=
BOG (strongly, moderately, weekly ombrotrophic)	Fitz	Conf≃
Ohio EPA VIBI Plant Community Class (WETLANDS ONLY):	Ë	
□ FOREST □ swamp forest □ bog forest □ forest seep □ EMERGENT □ marsh □ wet mendow □ open bog		Conf= Conf=
□ SHRUB □ shrub swamp □ tall sh. bog □ tall sh. fen	Fie	Conf=

MICROTOPOGRAPHIC FEATURE COUNTS - Intensive modules only

Stope 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

				CONTRACTOR STREET					
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(rank)	(rank)	(count)	(count)	(count)	(count)	(count)	(count)	corner	mod#
10x10m	m01x01	10x10m	10x10m	10x10m	10x10m	3 16x3 16m	lxlm		
SLOPE	depth 1	depth I	depth 1	depth I	depth 1	depth 2	depth 3		
						uplands (Tip-Ups)			
	interspers.	>40 cm	(12-40cm)	(2-12 cm)	depressions	hummocks	tussocks		
microhab.	microhab.	c.w.d	c.w.d	c.w.d	no. macro.	no of	no. of		
		c.w.d count for pieces with minimum 1m length	for pieces with	c.w.d count					

:	McNAB INDICES (degrees) + for up - for down	- for down
	[FILLED OUT USING GIS PROGRAM - DO NOT FILL OUT IN FIELD]	T FILL OUT IN FIELDJ
TX3	TEI.	* TSI**
Fit=Conf=	At aspect N	LFI
Fit=Conf=	+45 degrees NE	horize
Channel Fit Conf	+90 degrees E	angle
el slop) Fit= Conf=	+135 degrees SE	TSIn
Fit=Conf=	+180 degrees S	record
Fit=Conf=	+225 degrees SW	standi
rophic) Fit≈ Conf≈	+270 degrees W	away
VETLANDS ONLY:	+315 degrees NW	-
rest seep Fit Conf=	*Landform Index (position within landscape)	

eye of person standing ~10 m

angle from

away.

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

** Terrain Shape Index (site microtopographic shape)

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

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0	2	ىو	3	N	
		Ø	h	s	
<i>ن</i> ہ	-	3	12	M	
رو	3	Ø	رو	₩	L

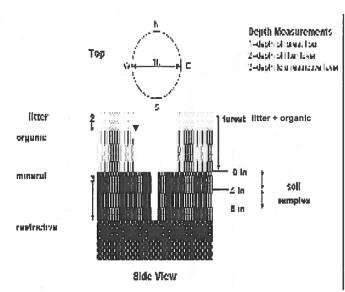
NOTE: tussock and hummocks are counted in BOTH nested quadrat corners but counts are aggregated.

COVER BY STRATA

COTEN BY CHANGE	
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.



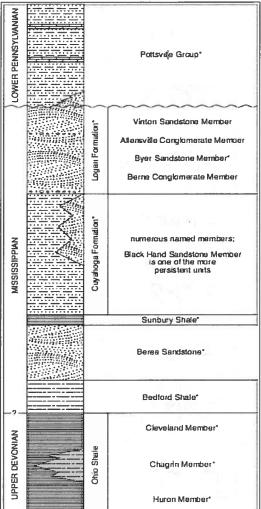


FIGURE 3-20.—Generalized section of Upper Devonian, Mississippian, and Lower Pennsylvanian formations in northeastern Onco Asterisks indicate units that are fossiliferous. This composite section represents about 400 meters of rock exposed across the area. The section is not to scale, but the thicknesses indicated are propartional. The term "Waverty" is used in the older hierarture to refer to Mississippian rocks in Ohio. Some geologists uses the European term "Carboniferous," which encompasses the Mississippian and Pennsylvanian Periods of the U.S. Many units have been named within the Cuyahoga Farination, 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 but discontinuous. See Hyde (1939), 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: じんんしんしん

(Cleveland Metroparks

Page: 1 of 1

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

Soll pit module # 2 (one per entire plot) 20 cm 5 cm matrix color 2.5y 2.5/1 texture* matrix color %mottle oxid roots nydro_cond *** edox features** exture* xid roots ydr cond *** edox features** ottle color ottle color 7/2 1 S (N) D I S MDD 4 3 3 7 A z z ₹) 3

** e g hydrogen sulfide odor, gleving, etc. refer to texture classes on reverse side

record as >30

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

No worms or

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

□ Impermeable surface Well drained Excessively dr. Depth to rest. Layer: Soil Series Source: Ohio Soil Survey Soil Series/Type: 144, Mitsunga Soil Collection Moduld Horizon (A, B, C) Landform type: Lake plalas 2,3,8,9 composited Somewhat poorly dr. arent Material 20-40 Inches 76.15 Moderately well dr. Somewhat excessively U Very poorly dr sil+ bar

1× 8-17-18

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

2	8	3	2	пюd#
3.0	2.5	3.0	2.2	l litter+ organic depth (cm)
2.6	2.2	2.0	2.0	2 litter depth (cm)
Ø	Ø	Ø	Ø	water depth
730	730	730	7}Ø	depth sat

	Other	meter	**** <5 cm in diameter	
Ø	Road/Trail	eter	*** >5 cm in diameter	
نر	Bare Soil	in	**Boulder => 10 in	
0	Water	1/16-10"	* Gravel-Cobble = 1/16-10"	Ş
گ	Bryophyte- Lichen	B	Bedrock	
93	Duff (Ferm + Humus)	Ø	Boulder**	
93	Litter	છ	Gravel-Cobble*	~
T	Fine Woody Debris****	88	Mineral Soil	
001	Coarse Woody Debris***	Ø	Histosol	
percent	(Each ≤ 100%)	percent	(Sum = 100%)	
	Ground Cover	Surface*	Underlying Earth Surface*	
	ID COVER	E & GROUN	EARTH SURFACE & GROUND COVER	

	Herb	Herb (Floating)*	(Floating)*	(Floating)* (Aquatic)* rooted and floating or slightly emersed	(Floating)* (Aquatic)* rooted and floating or slightly emersed * submersed, most plant mass below, surface
. 8£ 5	8 8 5 × 5	848	× × ×	slightly emersed	slightly emersed

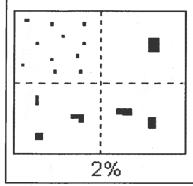
n Deer	□ Gravel	Bootleg unsanctioned	□ Hiking sanctioned	n Bridle	a Ali Purpose	Туре	record type and cover for each	TRAIL INFORMATION:	STATE OF THE PARTY
						%Cover	ach		

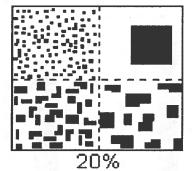
Notrails

□ < plot size	2 x plot size	□ 3-10 x plot size	 10-100 x plot size 	□ > 100 x plot size	□ >600 x plot size	STAND SIZE	
						_	_

PERCENT MOTTLES (USE CLASS CODES):

Class	(Code	Criteria: % of
	Conv.	NASIS	Surface Area Covered
Few	ſ	#	< 2
Common	С	# #	2 to < 20
Many	m	<u> 7</u>	≥ 20





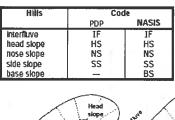
Terraces

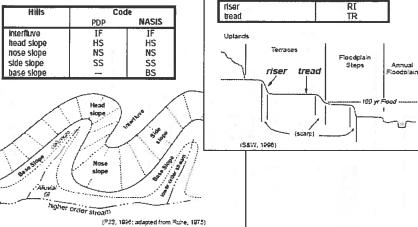
riser

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

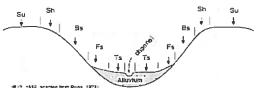
Geomorphic Component - Three-dimensional descriptors of parts of landforms or microfeatures that are best applied to areas. Unique descriptors are available for Hilfs, Terraces, Mountains, and Flat Plains; e.g., (for Hills) nose slope or NS.





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.

Position	Code
summit '	SU
shoulder	SH
backslope	BS
footslope	FS
toeslope	TS



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.

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 flooded"

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

													_		_							_	
							FO	RM B-1:	BUFF	ER	SAI	WPL	E P	LOT	S (F	ront)		Reviev	ved by (initial)	:	_ (
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Locati	on:				F.L		Perk		Fill	in b	ubb	le(s	if p			ıld not be					→		
OAAC	Center	C	N	0	S	O	≣ @	W	OP	lot	ſ	0	Plot	2	O F	Plot 3							
Fill in bubble Strata Section	es for all thon: Fill in a	hat app	oly: Ca oriate d	nopy	Type: class t	D = D	Deciduou e for eac	s: E = Everare	Buffer en, Leaf T or each plo	voe: E	B = Bn	oadlea	f. N = I	Needle	e Leaf. A	Absent: No tree oderate(10-40	e canopy. %); 3 = Hea	vy (40	-75%);	4 = V	ery H	eavy (:	>75%)
Buffer	Canop	у Тур	e: 🌀) () At	osen	t: ()	Buffer	Canopy	у Тур	e: ([) (E) At	sent	: ()	Buffer	Canopy	Тур	e: 🕞	(E)	Ab	sent:	6
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Small Trees (<	Small Trees (<0.3m DBH) 0 0 0 0							Small Trees (<0.3m DBH)			0	(0		Small Trees (<0.3m DBH)			0	0	0	0		
Woody Shrubs, Saplings (0.5m-5m HIGH)								Woody Shrub (0.5m	s, Saplings 1-5m HIGH)	0	(2	0	0			ubs, Saplings im-5m HIGH)	@	0	0	0	0	
Woody Shrubs, Saplings (<0.5m HIGH)								Woody Shrub (<0	s, Saplings).5m HIGH)	0	③	0	0	0			bs, Saplings 0.5m HIGH)	(3)	0	0	0	0	
Herbs, Forbs and Grasses O O O O								Herbs, I	Forbs and Grasses	0	0	0	@	0		Herbs,	Forbs and Grasses	0	0	0	0	6	
Bare	ground	1	0	0	0	0		Bare	ground	(4)	0	0	0	0		Bar	e ground	(0	0	0	0	
Lit	ter, duff	0	0	0	0	@		Lif	tter, duff	Ō	0	0	0	@		L	itter, duff	(0	2	0	0	
	Rock	6	0	2	<u></u>	0			Rock	Ø	0	2	0	0			Rock	6	0	2	0	0	
	Water	0	0	2	3	0			Water	©	0	0	0	0			Water	(1)	0	2	0	0	
	ubmerged egetation	(a)	0	②	0	0			ubmerged egetation	③	0	2	0	0	-		Submerged Vegetation	②	0	2	<u> </u>	0	
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Stressor Presence/Absence - Confirm that a filled data bubble indicates presence and an unfilled bubble indicates absence by filling this bubble. Residential and Urban Stressors Hydrology Stressors Agricultural & Rural Stressors																							
Fill bubble	if prese	ent - I	Plot	1	2	3	Flag	FIII bubble if present - Plot				1	2	3	Flag	Fill bubble	e if preser	ıt - P	lot	1	2	3	Flag
Road - gra	avel	73		0	0	0		Ditches, Channelization			0	0	0		Pasture/Hay				0	0	0		
Road - two	o lane			0	0	0		Dike/Dam/Road/RR Bed (IMPEDE FLOW)			0	0	0		Range				0	0	0		
Road - fou	ır lane			0	0	0		Water Level Control Structure			0	0	0		Row Crops	ige (11)			0	0	0		
Parking Lo	ot/Paven	nent		0	0	0		Excavation	ı, Dredgir	ng		0	0	0		Fallow Field (RECENT-RESTING ROW CROP FIELD)			NG	0	0	0	
Golf Cour	se			0	0	0		Fill/Spoil B				0	0	0		Fallow Field (OLD - GRASS, SHRUBS, TREES)				0	0	0	
Lawn/Parl	¢ .			0	0	0		Freshly De (UNVEGETAT		Sedin	nent	0	0	0		Nursery				0	0	0	
Suburban	Residen	itial		0	0	0		Soil Loss/F	Root Expe	osure		0	0	0		Dairy				0	0	0	
Urban/Mu	ltifamily		1/9	0	0	0		Wall/Ripra	р			0	0	0		Orchard				0	0	0	
Landfill				0	0	0		Inlets, Out Point Sour				0	0	0		Confined A		ding		0	0	0	
Dumping	ne fla		11 (1)	0	0	0		(EFFLUENT C	OR STORM			0	0	0		Rural Resi	dential			0	0	0	
Trash				0	0	0		(SHEETFLOW		при		0	0	0		Gravel Pit		110		0	0	0	
Other:				0	0	0		Other:			-	0	0	0		Irrigation				0	0	0	
Other:	(Marie Land	15(0)		0	0	0	Diament in	Other:	SSVIII			0	0	0		Other:	2.0.170		0.00	0	0	0	
Indu	strial D	evel	opm	ent S	stres	sor	S						Habit	at/V	egeta	tion Stress	sors						
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Oil Drilling				0	0	0		Forest Clea	r Cut			0	0	0		Herbicide L	Jse			0	0	0	
Gas Wells	5			0	0	0		Forest Sele	ctive Cut			0	0	0		Mowing/Sh	rub Cutting	9		0	0	0	
Mine (surface)							Tree Planta				0	0	0		Trails				0	0	0		
Mine (underground)							Tree Canop (INSECT)	y Herbivo	ory		0	0	0		Soil Compa (ANIMAL OR H				0	0	0		
Military O O O						Shrub Laye (WILD OR DO		d		0	0	0		Offroad veh				0	0	0			
Other: O O O						Highly Graz (OVERALL <3"		ses		0	0	0		Soil erosion OR OVERUSE		ID, WA	ATER,	0	0	0			
Other: O O O						Recently Bu		rest		0	0	0		Other: Flagged top			2	3	0	0	1		
000					Canopy Recently Burned Grassland (BLACKENED)			0	0	0	E-right graphs and r	Other:				0	0	0					
● Fi	Flag codes: K = No measurement made, U = Suspect measurement., F1,F2, etc. = misc. flags assigned by each fleld crew. Explain all flags in comment section on the back of this form																						
В	uffer Sar	mple I	Plots	05	/27/2		iain all f	ags in comm	ent section	on on	tne b	ack of	inis fo	orm)									

FC	RM	B-1	1: E	BUFF	ER SAMPLE PLOTS -					Reviewed by	(initial):		
Site ID:	P) (AP	Λ	sc 1284	DAT	E: _(> 8	<u>S</u> I_	1512012		Til	163	m
© Confirm	a fille	ed da	ıta bı	ıbble i	ndicates presence and an unf	illed I	bubbl	e inc	dicates	absence by filling in this bubl	ole			
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Eurasian Watermilfoil	0	0	0	-	Purple Loosestrife	0	0	0		Johnson Grass	0	0	0	
Water hyacinth	0	0	0	1,11	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	
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	A 100	37/5	1000		PLOT COORI	DINA	TES							
flag box, and describe where either placed as close to the Location of coordinat O AA CENTER O N	the conte	coord er of l choo	inate Plot 3 se o	s were s as pos ne): O E3	taken and why in the comment ssible or at the center of the last	section t acce	on bek ssible	ow. Te Buff	The coo fer Plot on (flag	ill in the "nearest practicable loc rdinates of the nearest practical grand comment below)	ole loc		can	
Flag Comments			7		Use Decimal Deg		+		- ()					
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mail Trees (<	0.3m DBH	0	0	0	0	(b)		Small Trees (<0.3m DBH)			2	3			Small Trees (<0.3m DBH)			0	2	<u> </u>	(1)		
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Herbs, Forbs and Grasses O O O O							Herbs, F	orbs and Grasses	0	(2)	2	0	0		Herbs,	Forbs and Grasses	0	O	2	0	0		
Bare ground ① ② ② ① ①							Bare	ground	0	@	2	0	0		Bar	e ground	0	②	0	0	0		
Litter, duff 0 0 0 0							Lit	ter, duff	0	0	2	0	@		L	itter, duff	0	0	2	0	@		
	Rock ① 🚱 ① ① ①								Rock	0	@	2	0	0			Rock	0	(0	0	0	
	Water (1 2 3 0								Water	@	0	2	0	0			Water	0	0	2	0	0	
	Submerged Vegetation 0 0 0 0								bmerged egetation		0	2	3	0		Submerged Vegetation			0	②	0	0	
							rm that	a filled data bubble indicates presence and an unfilled						bubble indic	ates abse	nce by	/ fillin	g this	s bub	ble.	•		
Resi	dential	and	Urba	an S	tres	sors			lydrolo	gy S	tres	sors					Agricultu	ıral &	Rur	al S	tress	sors	
ill bubble	if prese	ent - I	Plot	1	2	3	Flag	Fill bubble if present - Plot					2	3	Flag	Fill bubble	if preser	t - Plo	ot	1	2	3	Flag
Road - gra	ivel			0	0	0	Babb Chades, Filed Sababbs a.	Ditches, Channelization			0	0	0		Pasture/Ha	у			0	0	0		
Road - two	lane			0	0	0		Dike/Dam/Road/RR Bed (IMPEDE FLOW)			0	0	0		Range				0	0	0		
Road - fou	r lane			0	0	0		Water Level Control Structure			0	0	0		Row Crops				0	0	0		
Parking Lo	ot/Pavem	nent		0	0	0		Excavation, Dredging			0	0	0		Fallow Field (RECENT-RESTING ROW CROP FIELD) Fallow Field (OLD - GRASS			3	0	0	0		
Golf Cours	se			0	0	0		Fill/Spoil Ba		- di-		0	0	0		Fallow Field (OLD - GRASS, SHRUBS, TREES)				0	0	0	
Lawn/Park				0	0	0		Freshly De	ED)			0	0	0		Nursery			-	이	0	0	
Suburban		tial		0	0	0		Soil Loss/R		osure		0	0	0		Dairy				이	0	0	
Urban/Mul	tifamily			0	0	0		Wall/Riprag				0	0	0		Orchard		7.E.	+	0	0	0	
Landfill				0	0	0		Inlets, Outle Point Source		12	2016	0	0	0		Confined Animal Feeding Rural Residential			7.83		0		
Dumping			-	0	0	0		(EFFLUENT O	R STÖRMV Surface	VATER input)	0	0	0		Gravel Pit	Ciluai				9	0	
Trash Other:				0	0	0		(SHEETFLOW Other:)		-	0	0	0		Imigation			_	0	0	0	
Other:				0	0	0		Other:				0	0	0		Other:		U.V.		0	0	0	
	strial De	evelo	onme	Charge and	No.	V005-1-10			700						enetal	ion Stress	ors		=	0	<u> </u>	<u> </u>	
ili bubble				1	2	3		Fill bubble	if preser	nt - F	Plot	1	2	3	Flag	Fill bubbl		nt - P	lot	1	2	3	Flag
Oil Drilling	ii prese		100	0	0	0	1 lug	Forest Clear			iot	0	0	0	1 lag	Herbicide U	THE REAL PROPERTY.	- II - I		0	_	0	iay
Gas Wells				0	0	0		Forest Selec				0	0	0		Mowing/Shr				0	0	0	
Mine (surfa	ace)	5/1		0	0	0		Tree Plantat				0	0	0		Trails	us outing		_	0	0	0	
)	-					Tree Canopy		ory		0	0	0		Soil Compa				0	-	0	
Military	fine (underground) O O O					(INSECT) Shrub Layer		j	-	0	0	0		Offroad veh		ne .		0		0			
		,		0	720	0		(WILD OR DOM Highly Graze	ed Grass	es		0	0	0		Soil erosion	(FROM WIN		CD.	0	0	0	
Strier: OOO				(OVERALL <3" P Recently But		est		0	0	0		OR OVERUSE)			-+	0		0					
Other: OOO Rec				Canopy Recently Burned Grassland			0	0	0	-	Other:			=									
Other: OOO (BLAC					(BLACKENED) O O O O O O O O O O O O O O O O O O O																		
	ıffer San	A				Expl		lags in comme										2	428	168	304		

Site ID:	P	A	P	N	C 1284	DAI	E: _C) <u>,</u> C	ا ا	15/2012				
© Confirm	a fille	ed da	ta bu	ıbble i	ndicates presence and an unf	illed I	oubbl	e ind	licates	absence by filling in this bubb	ole	10.3		
Fill bubble if present - Plo	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	N.F
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	Phi t
Giant Salvinia	0	0	0		Perennial Pepperweed	0	0	0		Common Buckthorn	0	0	0	Part
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	1
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	
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Bare	ground	0	((2)	0	0		Bare	ground	0	0	2	3	0		Bar	e ground	0	0	0	0	
Litt	ter, duff	0	0	0	0			Lit	ter, duff	0	0	0	0	0		L	itter, duff	0	0 (0	0	0	
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Stress	or Pres	sence	e/Ab	send	e -	Confi	irm that	a filled data	bubble i	ndicat	es pi	esen	ce and	d an	unfilled	bubble indic	ates abse	nce by	filling t	nis bul	bble.	9
Resi	dential	and	Urba	an S	tres	sors			Hydrolo	gy S	tres	sors					Agricultu	ıral &	Rural	Stres	sors	
Fill bubble	if prese	ent - I	Plot	1	2	3	Flag	Fill bubble	if prese	ent - F	lot	1	2	3	Flag	Fill bubble	if preser	t - Plo	1	2	3	Flag
Road - gra	ivel			0	0	0		Ditches, Cl	hanneliza	ation		0	0	0		Pasture/Ha	ıy		0	0	0	
Road - two	lane			0	0	0		Dike/Dam/I		Bed		0	0	0		Range	B		0	0	0	
Road - fou	ır lane			0	0	0		Water Leve	el Contro	l Stru	cture	0	0	0		Row Crops			0	0	0	
Parking Lo	t/Pavem	ent		0	0	0		Excavation	, Dredgir	ng		0	0	0		Fallow Field ROW CROP FIELD	D)		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 (UNVEGETAT	ED)		ent	0	0	0		Nursery			0	0	0	
Suburban		tial		0	0	0		Soil Loss/F		osure		0	0	0		Dairy			0	0	0	
Urban/Mul	tifamily			0	0	0		Wall/Riprag				0	0	0		Orchard			0	0	0	
Landfill				0	0	0		Inlets, Outl				0	0	0		Confined A		ding	0	0	0	
Dumping				0	0	0		(EFFLUENT O	RSTORM			0	0	0		Rural Resid	jentiai		0	0	0	
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Gas Wells		-		0	0	0		Forest Selec	ctive Cut			0	0	0		Mowing/Shr	ub Cutting	1	0	0	0	
Mine (surfa	ace)			0	0	0		Tree Plantat		24		0	0	0		Trails		100	0	0	0	
Mine (unde	erground)		0	0	0	i	Tree Canopy (INSECT)				0	0	0		Soil Compa (ANIMAL OR H			0	0	0	
Military	AL-Y			0	0	0		Shrub Layer (WILD OR DOM	ESTIC)			0	0	0		Offroad veh			0	0	0	
Other:				0	0	0		Highly Graze (OVERALL <3" I	HIGH)			0	0	0		Soil erosion OR OVERUSE)	O CONTRACTOR OF THE PARTY OF TH	D, WATE	R O	0	0	
Other:				0	0	0		Recently Bu Canopy				0	0	0		Other:			_ 0	0	0	
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© Confirm	a fille	d da	ta bı	ubble in	ndicates presence and an unf	illed b	oubbl	e ind	licates	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		Purple Loosestrife	0	0	0		Johnson Grass	0	0	0	
Water hyacinth	0	0	0		Knotweed	0	0	0		Kudzu	0	0	0	lict
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	- 01
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Small Trees (<	:0.3m DBH)	0	0	3	0	0		Small Trees (<0.3m DBH)	0	0	2	0	0		Small Trees	(<0.3m DBH	00		0	0	
Woody Shrubs (0.5m-	s, Saplings -5m HIGH)	0	0	2	0	0		Woody Shrub (0.5m	s, Saplings -5m HIGH)	0	0	②	0	0			ibs, Saplings m-5m HIGH)		0	3	0	
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Herbs, F	orbs and Grasses	0	0	②	0	0		Herbs, I	orbs and Grasses	0	0	0	0	0		Herbs,	Forbs and Grasses		0	0	0	
Bare	ground	0	0	0	<u> </u>	0		Bare	ground	0	0	3	0	0		Bar	e ground	00	0	3	0	
Lit	ter, duff	0	0	②	<u> </u>	0		Lit	ter, duff	0	0	0	0	0		L	itter, duff	0	0	0	0	
	Rock	0	0	②	①	0			Rock	0	0	2	0	0			Rock	00	0	0	0	
-	Water	0	0	2	0	0			Water	0	0	2	0	0			Water	00	0	0	0	
	bmerged egetation		0	2	0	0			ubmerged egetation	0	0	2	0	0			Submerged Vegetation		0	0	0	
	-		e/Ab	send	e - (Confi	rm that	a filled data	bubble i	ndica	tes pi	resen	ce and	d an	unfilled	bubble indic	ates abs	ence by 1	illing th	is bub	ble.	③
Resi	dential	and	Urba	an Si	tress	sors			Hydrolo	gy S	tres	sors					Agricult	ural & F	Rural S	itres	sors	
Fill bubble	if prese	ent - F	Plot	1	2	3	Flag	Fill bubble	e if prese	ent - I	Plot	1	2	3	Flag	Fill bubble	if prese	nt - Plot	1	2	3	Flag
Road - gra	avel			0	0	0		Ditches, C	hanneliza	ation		0	0	0		Pasture/Ha	ıy		0	0	0	
Road - two	lane			0	0	0		Dike/Dam/		Bed		0	0	0		Range		ų Ju	0	0	0	-
Road - fou	ır lane	IV.		0	0	0		Water Lev		l Stru	cture	0	0	0		Row Crops			0	0	0	,
Parking Lo	ot/Paverr	nent		0	0	0		Excavation	, Dredgir	ng		0	0	0		Fallow Field		-RESTING	0	0	0	
Golf Cours	se			0	0	0	-	Fill/Spoil B	anks			0	0	0		Fallow Field SHRUBS, TRE		ASS,	0	0	0	
Lawn/Park	(0	0	0		Freshiy De (UNVEGETAT		Sedin	nent	0	0	0		Nursery	He de		0	0	0	
Suburban	Residen	tial		0	0	0		Soil Loss/F	Root Exp	osure		0	0	0		Dairy			0	0	0	
Urban/Mul	ltifamily			0	0	0		Wall/Ripra	р			0	0	0		Orchard			0	0	0	
Landfill		0-1		0	0	0		Inlets, Out			, just	0	0	0		Confined A	nimal Fee	eding	0	0	0	
Dumping				0	0	0		Point Sour (EFFLUENT C	R STORM	VATER	()	0	0	0		Rural Resid	dential		0	0	0	
Trash				0	0	0		Impervious (SHEETFLOW		input		0	0	0		Gravel Pit		2000	0	0	0	
Other:				0	0	0		Other:				0	0	0		Irrigation			0	0	0	
Other:				0	0	0		Other:			_	0	0	0		Other:			0	0	0	
Indu	strial D	evelo	opm	ent S	itres	SOF	8					I	labit	at/V	egeta	tion Stress	ors					
Fill bubble	if prese	ent - i	Plot	1	2	3	Flag	Fill bubble	if prese	nt - i	Plot	1	2	3	Flag	Fill bubb	le if pres	ent - Plo	t 1	2	3	Flag
Oil Drilling				0	0	0		Forest Clea	r Cut			0	0	0		Herbicide U	se		0	0	0	
Gas Wells				0	0	0		Forest Sele	ctive Cut			0	0	0		Mowing/Shi	rub Cuttin	g	0	0	0	
Mine (surf	ace)			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		0	0	0		Soil Compa			0	0	0	
Military				0	0	0		Shrub Laye (WILD OR DON		d		0	0	0		Offroad veh	KING THE	age	0	0	0	
Other:			1	0	0	0		Highiy Graz	ed Grass	ses		0	0	0		Soil erosion	(FROM WII			0	0	
Other:	****			0	0	0		Recently Bu		est		0	0	0		OR OVERUSE Other:			0	0	0	
Other:				0	0	0		Canopy Recently Bu	rned Gra	asslar	nd	0	0	0		Other:			0	0	0	
	ag codes:	K = N	 lo me	_			e, U = S	(BLACKENED) uspect measi	urement	F1,F2	2, etc.			1000	igned b	y each field c	rew.					
	uffer Sar	Service.			/27/2	Exp		lags in comm									I MA	24	2816	3304		

Pachysm Bull small Rosa

Buffer Sample Points - Targeted Alien Species

Rosy Price

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

Ins knowin-

© Confirm	a fille	d da	ta bu	ubble ir	ndicates presence and an unf	illed b	oubbi	le ind	licates	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		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	
				K T			1		TI.	Other:	0	0	0	
NAME OF TAXABLE PARTY.			4	13.13	PLOT COORI	DINA	TES	1000			713			dir
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	orbs and Grasses	0	(2)	(2)	0	0			orbs and Grasses	Ō	®	<u>(1)</u>	Ō	0			Forbs and Grasses	0	(3)	0	0	0	
Bare	ground	0		2	0	0		Bare	ground	(4)	0	0	Ō	Ō		Bar	e ground	0	0	0	0	0	
Lit	ter, duff	0	0	2	0	3		Lit	ter, duff	0	0	<u>(2)</u>		<u></u>		L	itter, duff	0	Ō	0	0	3	
	Rock	(3)	0	2	0	0			Rock	②	0	2	<u></u>	Ō			Rock	0	3	0	0	0	
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	ubmerged	CON.	0	(2)	0	0			bmerged	6	$\overline{\odot}$	0	Ŏ	$\tilde{\odot}$			Submerged Vegetation	@	Ŏ	0	<u></u>	$\tilde{\odot}$	
	egetation or Pres	Call Car			e - (Confi	rm that		egetation bubble in		es pr		e and	d an i	unfilled	bubble indic	1 - 1 - 1 - 1 - 1				s bub	ble.	9
Resi	dential	and	Urba	an Si	tress	sors		Parane	Hydrolo	av S	tres	sors				SO ETA	Agricultu	ural 8	k Ru	ral S	tres	sors	
Fill bubble	e if prese	ent - l	Plot	1	2	3	Flag	Fill bubble			-	1	2	3	Flag	Fill bubble				1	2	3	Flag
Road - gra	evel			0	0	0		Ditches, C	hanneliza	ation	M	0	0	0		Pasture/Ha	ıy			0	0	0	
Road - two	o lane			0	0	0		Dike/Dam/	Road/RR			O	0	0		Range				Ō	0	0	
Road - fou	ır lane			0	0	0		Water Leve		Stru	cture		0	0		Row Crops				0	0	0	,
Parking Lo	ot/Pavem	nent		0	0	0		Excavation	, Dredgir	ng		0	0	0		Fallow Field		RESTIN	IG	0	0	0	
Golf Cours	se			0	0	0		Fill/Spoil B	anks			0	0	0		Fallow Field	d (OLD - GR	ASS,		0	0	0	
Lawn/Park	(0	0	0	Ě	Freshly De		Sedim	ent	0	0	0	-	Nursery				0	0	0	
Suburban	Residen	itial		0	0	0		Soil Loss/F	Root Expo	osure		0	0	0		Dairy				0	0	0	
Urban/Mul	ltifamily			0	0	0		Wall/Ripra	р			0	0	0		Orchard				0	0	0	
Landfill	\$156			0	0	0		Inlets, Out				0	0	0		Confined A		ding	191	0	0	0	
Dumping				0	0	0		Point Sour (EFFLUENT C Impervious	RSTORM	VATER)	0	0	0		Rural Resid	dential			0	0	0	
Trash				0	•	0		(SHEETFLOW		input		0	0	0		Gravel Pit				0	0	0	
Other:				0	0	0		Other:	-			0	0	0		Irrigation				0	0	0	
Other:				0	0	0		Other:			r set a	0	0	0		Other:				0	0	0	
Indu	strial D	evel	opmo	ent S	Stres	sor	3						labit	at/V	egeta	tion Stress	sors			45			
Fill bubble	if prese	ent - l	Plot	1	2	3	Flag	Fill bubble	if prese	nt - F	lot	1	2	3	Flag	Fill bubb	le if prese	ent - F	Plot	1	2	3	Flag
Oil Drilling				0	0	0		Forest Clea	r Cut			0	0	0		Herbicide U	se			0	0	0	
Gas Wells				0	0	0		Forest Sele	ctive Cut			0	0	0		Mowing/Shi	rub Cutting	9		0	0	0	
Mine (surfa	ace)			0	0	0		Tree Planta				0	0	0		Trails	- A			0	0	0	
Mine (unde	erground	l)		0	0	0	17	Tree Canop (INSECT)				0	0	0		Soil Compa (ANIMAL OR H				0	0	0	
Military				0	0	0		Shrub Layer (WILD OR DOM	IESTIC)	-		8	0	0		Offroad veh				0	0	0	
Other:				0	0	0		Highly Graz (OVERALL <3"	HIGH)			0	0	0		Soil erosion OR OVERUSE		ND, WA	IER,	0	0	0	
Other:				0	0	0		Recently Bu Canopy		100	M	0	0	0		Other:				0	0	0	
Other:				0	0	0		Recently Bu (BLACKENED)	med Gra	asslar	nd	0	0	0		Other:				0	0	0	
	ag codes: uffer Sar				ment /27/2	Exp		uspect measi lags in comm							gned b	y each field c	rew.	2	2428	168	304		

Site ID	· PC	AT	N	16	1284	DAT	E: _(0.8	<u>}</u> /_	12012				
● Confi	m a fille	ed da	ta bu	ıbble iı	ndicates presence and an unf	illed l	oubbl	e ind	licates	absence by filling in this bubl	ole	ATT K		W.
Fill bubble if present - P	ot 1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Fla
Eurasian Watermilfoil	0	0	0		Purple Loosestrife	0	0	0		Johnson Grass	0	0	0	Ī
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	1
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	
	NAME OF	15/7			PLOT COORI	DINA	TES							
f Buffer Plot 3 can not be Plots are centered on the lag box, and describe wheither placed as close to the Location of coording O AA CENTER C	accesse Buffer T ere the c he cente ates (c	hoos	ects a inates Plot 3 se or	ne):	coordinates will indicate the loc taken and why in the comment stible or at the center of the last O W3 O Nearest pra	ation section acce	of the	transow. To Buff	sect. F he coo er Plot. on (flag	g and comment below)	ation" ble loc	bubb	le, fil	in t
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