CLEVELAND MET	ROPARKS Plant Community Asses			
Project Label:	PCAP	P	lot No	: 050 Date Sampled: 7 3 1 Lead: Eyen
		1		Comment required if item answer is NO
Parking/Access outsi	de of Park Boundaries	(W)	N	If yes, write details in Comments section below
Field journals comple	eted	Y	N	
Site sketch made on	7	10	N	
Check cover page	X-axis Bearing of plot recorded	10	N	
	GPS coords, Recorded	(2)	N	
	North direction recorded	1 (3)	N	
	Photographs taken?	(3)	N	
Plot No., Date agreer	nent on all pages?	0	N	
Header data complete	ed all pages?	0	N	
Cover classes recorde	ed in all Intensive modules	13	N	
Browse Level By Spe	ecies	9	N	
Woody stem quality		(Y)	N	
Invasive plant quality		(Y)	N	,
Ash trees mapped		Y	N	N/A
Cover by Strata? (cor	nfirm cover type)	(1)	N	7,
	d with matching plot #.	186	N	
	datasheet with initials and number	Y	N	N 1/A
Vouchers labeled on		Y	N	N (/ \chi)
	conection bag	1	N	7/7
Pink flags removed	Landa atta	Y	N	
Data sheet QA before		Y	-	
Common equipment		1 3/	N	Francisco de la Constantina del Constantina de la Constantina de la Constantina de la Constantina de la Constantina del Constantina de la
Data sheets scanned?		14		Enter date to left
Final data sheets scar				Enter date to left
Buffer Widths measu	red?	<u>Ø</u>	N	
Web Soil Survey	T	<u> Ø</u>	N	
Voucher Location	Refrigerator	Y	N	
# vouchers collected)	Press (#)	 -		Enter number to left
	Drier	Y	N	
	Identified	Y	N	
	Mounted	Y	N	
	Thrown away	Y	N	
<u> </u>				
GRTS point verifica	tion: Is plot sampleable?			
□ Yes	Original GRTS point is sampleable			
□ No	Original GRTS point lands in a non-	sampleable	area (fill in category below)
3 ,10	Point falls in a water (i e river, i			
	☐ Managed mowed area (i e golf		агеа, п	ght-of-way)
	☐ Paved area (i.e. parkinglot, road)			
	Unsafe to sample (i.e steep slope	:)		
	Other			
Park at	the Dog Parl			
	_			



COCATION County Cuychocya Friedrichael PCAP County Cuychocya	Photo Nos.: (2 - 1069	Authority: G&C Pub Date: 1998
#10 CATION Label: PCAP County: Curches		<
LOCATION State: OH County: Chy obose	Plot size stems: ()	high modera low not smpl
Series PCAP State: OH County: Cuyahoga	O Stems not sampled on this plot O Stems absent	NOMIC ACCURACY
INFORMATION State: OH County: Cuy chooses: OHRADII		sampling. Hurried plots e may still provide good data
Cocal Place Names: Local Place	# n # 1	subjective evaluation of how much effort put into
County C	■ NAD83/WGS84 □	OUALITY*
Coordinate system: County: Cuy above the plot x=0 to 5, y=-1,0,+1): Nationamist, etc. Coord inate system: Coord Data Confidency	m o ft	□ Other
County: Coun	StatePlane	
Check one: Plot leader P	S location in plot $x = \bigcirc$	Brath Mogue Str
Check one: Plot leader Plot placement: P	Source of coordinates MAP GPS	2015
Check one: Public data 's Private Data Plot origin Point Poi	If data not public why?	Plot leader
P State: OH County: Cuyahoga RABOII Quadrangle: Wartor map Le Remod OB Local Place Names: Le		Role**
P State: OH County: Cuyahoga Past KJ County: Cuyahoga Past KJ Cocal Place Names: La Kawood Ob Indiana Past KJ Cocal Place Names: La Kawood Ob Indiana Confidentiality: Data Confidentiality: County: Cuyahoga Past KJ Cou		1131 4011
RAL INFORMATION State: OH County: Cuy ahouse In Spark Spark Spark Local Place Names: Lakewood Spark Local Place Names: Lakewood Spark Landowner: CM Landowner: CM Landowner: CM X-axis Bearing of plot: Landowners Note that the spark s	Data Confidentiality:	Level 5 (nested corners sampled)
ABLINFORMATION ABDEL: PCAP State: OH County: Cyyahoga PLACE RAPIL Quadrangle: *Not on map Lakewood Dogs Local Place Names: Lakewood Dogs Local Place Names: Lakewood Dogs And Indowner: CM Landowner: CM #8	X-axis Bearing of plot:	Level 4 (no nested corners sampled)
ESCRY Sparky Local Place Names: Lakewood Dark 2018	0	1150
INFORMATION PCAP State: OH County: (Quadrangle: *Not on map 1	70	Berky Spail Wy
PCAP LOCATION LOCATION State: OH County:	angle: *Not on map 1	OIRRANI
INFORMATION	OH County:	PCAP
	LOCATION	INFORMATION
kground Data Sheet		Inity Assessment Program CATION It: OH County: (Idrangle: **Not on map 1/2 Idrangle: **Idrangle: **Idrang

	; ;	į		i		~	
und breches with lots and lots of Sugar maple between	2 40	lots.	James C	4 205	hes. with	finel been between.	
ever of the co	ten 1	so la	hav	1000	2 bricks.	to concret	n Irregular/pattern mosaic
from glass, both	401	如	sh 15	tras	g, Lots of	understor	© Compositional trend across the plot
mid - and	urate	depa	Righ	safe	teel on a slo	Plot is local	Homogeneous
tc.)	s, maturity, e	ssional statu	e stand, succe	of plot to th	ams: (Representativeness	Additional notes & diagrams: (Representativeness of plot to the stand, successional status, maturity, etc.)	HOMOGENEITY
ם Unknown	o U					With allot of Digor Mapa	o the tre
☐ Tidal/Seiche flooded irregular (e.g. wind, storms)	(Ti	(<1/yr)	☐ Occasionally flooded (☐ Temporarily flooded	□ Occasion	(by default unless plot is a Occasionally flooded (<1/yr) wetland) Temporarily flooded		COMMUNITY NAME: Boach-Real Oak
□ Tidal/Seiche flooded monthly	o 1i	oded)	(dry <i flooded)<="" seldom="" th="" yr,=""><th>(dry <1/</th><th>Dpland (n/a)</th><th></th><th>(-</th></i>	(dry <1/	Dpland (n/a)		(-
□ Tidal/Seiche flooded daily		nanent. satu	□ Permanently/Semipermanent. saturated	□ Permane	□ Fresh	Firs Conf= 1000	CODE (on separate form): /
□ Permanently flooded	□ Pe		(seldom flooded)	(seldom	o Brackish	Pi	MODIFIED NATURESERVE CLASS*
□ Semipermanently flooded	o Se	lly saturated	□ Intermittently/seasonally saturated	□ Intermitt	□ Saltwater	Fit= Conf=	□ SHRUB □ shrub swamp □ tall sh. bog □ tall sh. fen
□ Intermittently flooded	o In	ď)	⊄Upland (seldom flooded)	OUpland (SALINITY*	Fit=Conf=	□ EMERGENT □ marsh □ wet meadow □ open bog
		EGIME*	HYDROLOGIC REGIME*	HYDRO		Fit=Conf=	⊓ FOREST ⊔ swamp forest □ bog forest □ forest seep
	Dakapwa		and Use: 🔗	Former Land Use:		ONLY):	Ohio EPA VIBI Plant Community Class (WETLANDS ONLY):
		\	Current Land Use:	Current L		Fit= Conf=	□ BOG (strongly, moderately, weekly ombrotrophic)
**L=low, ML=med low, M=med, MH=med high, H=high, VH=very high	H=med high,	M=med, M	ML=med low,	**L=low, 1		Fit=Conf=	COASTAL (specify subclass)
		_		Other	□ < plot size	Fit=Conf=	□ FRINGING □ Reservoir □ Natural Lake
Deur Browse	100	0	ИX	Animal	□ 1-3 x plot size	Fit=Conf=	□ SLOPE (ground water hydrology or on a physical slope)
				Cut	a 3-10 x plot size	Fir Conf	□ RIVERINE □ Headwater □ Mainstem □ Channel
				Fire	10-100 x plot size	Fit=Conf=	□ IMPOUNDMENT □ Beaver □ Human
				Natural	□ > 100 x plot size	Fit=Conf=	a DEPRESSION
Lots of trush	8	N	HM	Н——	□ >1,000 x plot size		Hydrogeomorphic class (WETLANDS ONLY):
cription	% of plot description	yrs ago %	severity**	type*		Fit and Confidence	(FIT = excellent, good, fair, poor, CONF = high, med, low)
	*		DISTURBANCES	DISTUR	STAND SIZE		CLASSIFICATION
150 Page 2 of 2	Plot No.:	P	1106	DIRRÓ	Project Name: 018R2011	: PCAP	Project Label:
(P Cturvium Mutruparks				Sheet	ր - Background Data	y Assessment Program	CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet

CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet Strata - Cov. entire plot Cleveland Metroparks Visual est. % open water entire site: Total modules: Project Label: S H (F)(A) Br Scianum Alloaries Fraxious Hoer succharum traxinus QUARUS 25.45 O Parthemocissus Unknown Ricot Toxicodonoron Phytolac ca Sanicula MOSS go Cerrie describe amount of browse per species over Dancus Rynpose san vanit Prunus. Hackelia Br = Browse Level. Use cover classes to risaemo- triphyl Species entire plot C DO12010 VICAIMENA V Dbra Seech COLF Ota 0 PCAP Rotivlata 3 Vicalniana 211 Comare 8 amer, cara tha victoricu OMERICAN 1 Berbeits the er un naluation 大学のできる Visual est. %unveg.o.w. entire site: ဂ Estimate for the each Intensive modules: %unveg. ground (bare soil) %unvegetated open water intensive module: %unveg. litter (bare litter) 2 CQ-1072 Leycis caga コーナのよ ショウ Project name: OIRR 2011 S Voucher# 1070 %open water SREB S) 2 2) cov | depth cov i depth mod Plot no.: 1/30
Plot configuration: 2×5 زع Q 9 ğ Visual est. %invasives entire site: Q Ę 1 V comer Ş B mod V cov depth comer mod T 0 cov depth Q 4 Ø Plot area (ha): O. ş 2 دلا W Page | 0 VQQ C **V** 0 mod Ş QQ QQ depth depth 퓛 5 4 g 69

examples of percent of area covered

The following graphic can be used for various data elements to corney "Amount" or "Quantity", NOTE: Within any given box, each quadrant contains the same total area covered, just different sized objects.

AND there are very few or no plants 1-m nested quadrat

LOW OR NONE: there is no measurable browse line

mldpoint 0.0001 0.005 0.015 0.035 0.075

cover

solitary or few % cover

0-1% 1-2% 2-5%

SROWSE RATING NARRATIVE DESCRIPTION

and intensive module. In general, low values relate to

about 10 percent of the stems with no significant impact

MEDIUM LOW values include evidence of browse at

ess than 10 percent, by numbers of stems browsed.

to plant reproduction evident. In this rating, plants are

browsed but preferential species are observed to be

reproducing in numbers that appear normal or near-

normal in comparison to low browse areas. For

0.375 0.625 0.850 0.975

0.175

10-25% 25-50% 50-75% 75-95% 85-100%

5-10%

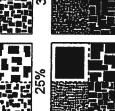
MEDIUM: browse affects greater than 10 percent and

less than 25 percent of stems in the 1 m2 nested

example, trilliums may flower and fruit, but jewelweed

and arrowwood viburnum exhibit browse.

			Nested
	15%	35%	
	2%	100 mm	
# 	2%	20%	







Comers







20%



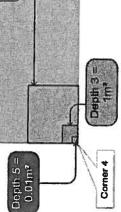




Depth 1 = 100m²







20m

50m

S

Dapth 2=

10m²

0.1m²

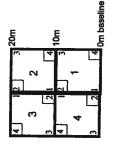
ê

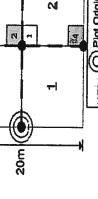
40m

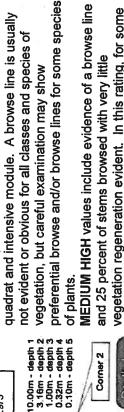
38

20m

0

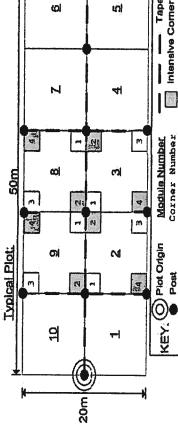






vegetation regeneration evident. In this rating, for some species of plants, reproduction does not appear to occur and 25 percent of stems browsed with very little or it is very severely limited.

VERY HIGH values include extensive browse conditions, HIGH: greater than 25 percent of the stems of plants in the 1 m2 nested quadrat and intensive module AND a Browse line may be 5 to 6 feet in height with no or little seedlings and herbs are severely browsed or missing. where the browse line is very evident AND almost all browse line is evident. green growth beneath.



Om baseline

0m baseline

ᅙ

<u>E</u>

9

Tape

LO)

Ø

	CLE	CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet	nt C	ommunity ,	Assessm	ent Pro	gram	Natural	Woody :	Stem Da	ta Shee	*						Cleveland Metmoades
		Project Label:		PCAP		Project	Name	Project Name: 6/102 ZOII	110	•	Plot No.: 1150	1150	•	Page:		of.	-	2 m
		Explain subsample (additional room on back):	on bac	<u>ck):</u>														
							*	size class	size class (cm) woody slems >1m	dy slems >	ਜੰ							
	mod#	species	c	voucher#	0.5-1m browsed	or super sample	shrub clumps	0-<1	2 1-<2.5	3 2.5-<5	5-<10	5 10 - <15	6 15 - <20	7 20 - <25	8 25 - <30	9 30 - <35	¹⁰ 35 - <40	>40 (record each tree)
<	_	Acer saccharum										•						
<	_	Quercus rubron							Œ,									70.3
<	_														-			15:54
4	2											•	e					40.9
<	(V)	Acer saccharum										\$	0	•				
4	3	- T				11						0					1	- I
<	w	Pronus seratina																46.6
4	7	Acer sauhanam					8				•	0.0	0					
<	ㄷ	Facus arandifolia			:			•										
<	1	Standing deput							1 ,								= \(\frac{1}{2}\)	
<	Ŋ				0				•	•								8.49
(v	Acer saccharum										9.0						
<	S	Caryo ovator																43.0
<	Ù	Fraxinus americana											a, e				Pil I	67.7
4	6	Acer succharum									•	,	0	•	•	•		
<	5	Froxinus amencana						3.5	SAC.								TI-	46.0
<	د	Acer saccharum										••	•					
4	7	Ostrya virginiana														e de		
<	8	Aver Saccharum				_						0 0		• •	×			
<	00	Quercus rubras						The second				ā sali						93.3 3
<	-0	Acer saccharum												• •		• •		
<	10	Acer sacharina																
													<u> </u>					

Woody Stem Deer Browse

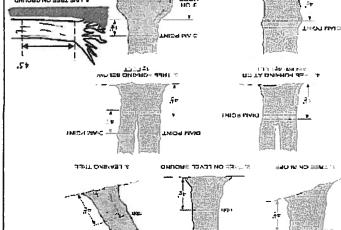
tail that exhibit evidence of this years deer browse. Record tine number of stems/plants between 0.1-3.0 meters

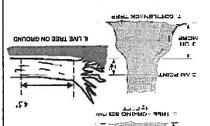
































DBH Measurement Rules

NOITIONO Y YOUNG HEA

- 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
- 4 >20% Dieback: The canopy has less than half of the leaves that should be there and/or half of the top branches are dead. sunlight, die naturally and are not considered.
- (lowest branch) on the trunk. 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

Э



3

a

rank as described below) (if an ash receives a score of 5 (dead) under canopy condition it must also receive a breakup condition ASH CANOPY BREAKUP CONDITION (for dead trees):

- 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 CAN VARY BY COVER TYPE. STRATA DESCRIPTIONS. STRATA COVER BY STRATA(% estimate using SEE BACK OF PAGE FOR TYPICAL" Floating)* rooled and floating or slightly emersed Aquatic)** submersed, most plant mass below surface Project Label: Ø Height Range 20 ij PCAP CV Project Name: Of R 2011 <5 cm in diameter</p> Histosol EARTH SURFACE & GROUND COVER ">5 cm in diameter Gravel-Cobble = 1/16 to 10 in Sum = 100%) Aineral Soil mvel-Cobble* nderlying Earth Surface* aulder = > 10 in ulder** 200 percent 00 Water Coarse Woody Debris*** **Ground Cover** Bare Soil Bryophyte-Lichen Fine Woody Debris**** Road/Trail $(Each \leq 100\%)$ ouff (Ferm. + Humus) Trasb po co percent

ωO O

ø

C

Remember: In a standard 2x5 plot each module = 10% cover

10 feature is present in moderate or greater amounts and of highest quality Stope 1 = slight elevational grade across module (hill) MICROTOPOGRAPHIC FEATURE COUNTS - Intensive modules only anks for microhabital features. Selections or select two and average the score. NOTE: If mod falls on a slope automatically gets ranked based on steepness (1-3) feature is present in moderate amounts, but not of highest quality, or in small amounts of highest quality feature is present in very small amounts or if more common, of low quality feature is absent or functionally absent (Golf Course Flat) 24 2,4 7,4 D Ю 0 depth 3 nissocks 0 no. of lxlm 3.16x3.16m C depth 2 b 6 no. of 0 Stope 2 = falls on slope ~20 ° depressions no. macro. 10x10m depth 1 (2-12 cm) 10x10m depth 1 0 c.w.d 0 c.w.d. - count for pieces with minimum 1m length Slope 3 = maximum steepness that can be safely sampled -45 ° (12-40cm) 10x10m (count) dcpth 1 c.w.d N CU 10x10m depth I >40 cm c.w.d 0 interspers 10x10m depth 1 M (rank) microhab. 10x10m SLOPE 2 Ŋ 3

TRAIL INFORMATION: If trail falls in plot record type and cover for each	H trail falls	
Туре	%Cover	No trails
ப All Purpose		
u Bridle		
□ Hiking sanctioned		
u Bootleg unsanctioned		
u Gravel		
a Deer		

Plot No.:

1150

@ discontant Websparks Page: 1 of 1

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

9	œ	u	2	Module
Ŋ	1	5	7	z
W	(Xi	5		s
W	2	6	2	Е
ß	7	6	-	٤

McNAB INDICES (degrees) + for up - for down

** Terrain Shape Indax (site microtopographic shape)

NOTE: lussock and hummocks are counted in BOTH nested quadral comers but counts are aggregated.

scro depressions = macrotopographic depressions with module. These may extend into other modules and be counted again

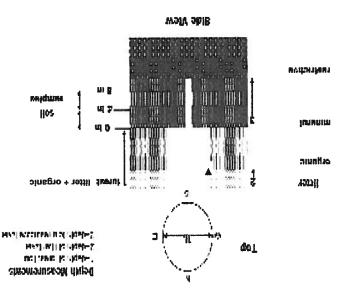
w.d. = course woody debris

Clevetand Member	Ohio Shale	PER DEVONIAN
Bedford Shale.		
"enotabrie2 sere8		
Sundury Shale*		
seamen bemee semenn 1903 Hend Sendstone Member 16 one of the more 21 inu tnetssteq	Cuyahoga Formation*	MISSISSIPPIAN
Bye: Sandstone Member Berne Conglomerate Member	Logan	
Violaton Sandstone Member	Logan Formalion*	2
Patravije Granb,		LOWER PENNSYLVANIAN

TRIME 3.0. —Creatilized sterned U types Decorated 2.0. - 5.THDIT and Listasippinan decorated the control of the sterness of Lower Pennsylvanian formation and Lower Pennsylvanian formation and the second second and several transportation of the sterne second and the second and the second and the second and the second of the

Huron Member*

and shrub layers.	which case they would span the herb
ni HaO mo 6.2> as no theight m 4.1 of qu a	ss benñeb nefto ers sgnilbees eerT***
s, i.e. all shrubs <0.5m	dunda to agnilbeea ebuloni oals nsO**
	*Very tall shrubs are sometimes inclu
Submerged	Aquatic (submerged)
Floating	Floating
Herb, dwarf-shrub**, tree (seedling***)	Herb (Field)
Tree (sapling), shrub, liana, epiphyte)	Shrub (generally 0.5 to 5 m)
epiphyte)	
Tree (overstory), very tall shrubs*, liana,	Tree (generally >5 m)
MAOT JARAD	MUTARTS
	COVER BY STRATA



CLEVELAND METROPARKS Plant Community Assessment Program - Soils, Crown Cover, Standing Biomass Data Sheet Project label: PCAP Project Name: U/U/2011

Plot No.: 1150

(P) Cleveland Metropartie

Page: 1 of 1

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

Soll pit module # 8 (one per entire plot)

· middens not observed Notes: include evidence of earthworms (worms, castings, middens) ** e.g. hydrogen sulfide odor, gleying, etc. s moountains. indundated S=saturated M=moist D=dry 20 cm 5 cm refer to texture classes on reverse side casting layer Present matrix color oxid roots matrix color IO YE S hydro. cond.*** redox features** texture* mottle color texture* oxid roots %mottle nydr. cond. *** %mottle mottle color edox features** ò present 76 412 S S ≺ M(D) Z 2 2 2 \mathbf{z} 3 (5)

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

Soil Collection Module	Hortzon (A, B, C)
2,3,8,9 composited	Α
Soil Description/notes:	

Web Soil Survey Information: Soil Series Source: Ohio Soil Survey Soil Series/Type: Breckville Silt andform type: Drainage way OGM

Parent Material: R-e Siduum weathered from Shule

DRAINAGE*

☐ Excessively drained

□ Somewhat excessively

Well drained

☐ Somewhat poorly dr. n Moderately well dr.

🛭 Poorly dr.

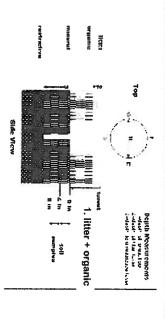
□ Impermeable surface Very poorly dr.

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

C?=check when collected

		Module #
		C?
		Corner
		Corner

dato-0		ayer dept.	* Use Web Soil Survey for #3 Restrictive layer dept.	y for #3 R	Soil Surve	* Use Web
for winer				= 125 cm	Length of soil probe = 125 cm	Length of
) super	>36	0	35	2.0	2.0	1/2
2 Mars	>30	0	7/00	3,0	3.0	£ %
2	>30	0	53	4.8	4.5	W
(my)	>30	0	65	4.0	4.0	2
かんがまか	(cm)	(cm)	*[WSS]	(cm)	(cm)	mod#
10-00	sat soil	depth	depth(cm)	depth	organic depth	
Deuth to	depth	water	3 restrict.	2 litter	l litter +	
		0	record as >30	īē.		
	If >30.5 cm,	nearest 0.1 cm in center of intensive modules. If >30.5 cm,	of intensive	n center o	st 0.1 cm i	neares
	SOIL DEPTH MEASUREMENT INSTRUCTIONS: Measure to the	RUCTIONS:	ENT INSTR	SUREM	PTH MEA	SOIL DE
	STREET, SQUARE, SQUARE	The second second				



6aCM PCAP Soils_Crown cover_Landform_Standing Biomass_Data Sheet_Ver 2xls.xls last revised 6/23/2011 ceh $_{\it WSS}$ $_{\it A}$ $_{\it N}$ $_{\it T/15/1J}$

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

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

Intermittently Flooded modifier.

the U.S. where appropriate. This modifier can be applied to both wetland and non-wetland situations. Equivalent to Cowardin's 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

seasonal periodicity, Inundation is not predictable to a given season and is dependent upon highly localized rain storms. This modifier was INTERMITTENTLY FLOODED: Substrate is usually exposed, but surface water can be present for variable periods without detectable

surface. Often characterizes flood-plain levees and lower terraces. Equivalent to Cowardin's Temporary modifier.

TEMPORARILY FLOODED: Surface water present for brief periods during growing season, but water table usually lies well below soil characterizes flood-plain upper terraces.

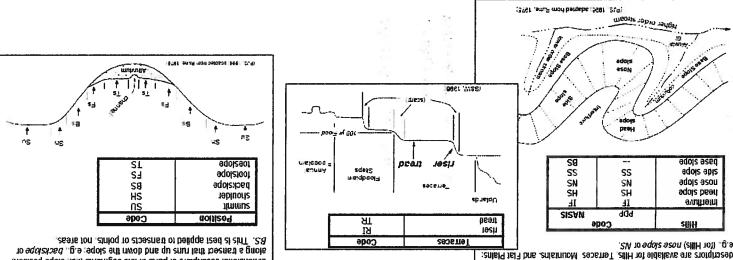
OCCASIONALLY FLOODED: Surface water can be present for brief periods during growing season, but not in most years. Often

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

o surface for extended periods during the growing season.

INTERMITTENTLY/SEASONALLY SATURATED. Dry at least once per year. Surface water is seldom present, but substrate is saturated UPLAND: Not a wetland. Very rarely flooded.

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



along a transect that runs up and down the slope; e.g., backslope or dimensional descriptors of parts of line segments (i.e., slope position)

-WT - (909 ni noitizog equisiliH) noitizog elitore - equisiliH

9= Not measured - make plot note

4= Coarse Sand

3 = Sandy

Z= Clayey

1= Loamy

oinsgnO =0

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

%7 Many 0Z ₹ ш 5.0 < 50Common J ۶ > Wal Surface Area Covered Conv. SISAN

PERCENT MOTTLES (USE CLASS CODES):

Geomorphic Component - Three-dimensional descriptors of parts of iandiorms or microfeatures trail are best applied to areas. Unique

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

CLEVELAND METROPARKS Plant Community Assessment Program: Invasive Species Survey Cleveland Metroparks Tier 1: Early detection/ Rapid response Presence **GPS** NE SE SW NW Presence Microstegium vimineum Japanese stiltgrass X: yes Ranunculus ficaria Lesser Celandine Cynanchum Iouiseae (vine) Black Swallow-wort **Butomus umbellatus** (wetland) Flowering Rush Heracleum mantegazzianum Giant Hogweed Tier 2: Assess as Needed # of Plants comments NE SE SW NW # of Plants Acer platanoides Norway Maple 1: 1-10 Ailanthus altissima Tree of Heaven 11-50. Lonicera japonica (vine) Japanese Honeysuckie 51-100 1 Ira chuma ootch Lythrum salicaria (wetland) Purple Loosestrife 4: 101-1,000 Aegopodium podagraria (G-cover) Bishop's Goutweed >1,000 Celastrus orbiculatus (vine) Asian Bittersweet Torilis sp. Hedgeparsley Conium maculatum Poison Hemlock Rhamnus cathartica Common Buckthorn (shrub) Berberis thunbergii Japanese Barberry (shrub) Alnus glutinosa European Alder Dipsacus laciniatus Cut-leaf Teasel Elaeagnus umbellata Autumn Olive (shrub) Lonicera maackii Amur Honeysuckle (shrub) Euonymus fortunei Wintercreeper 2 Tier 3: Presence is of Interest # of Plants comments NE SE SW NW # of Plants Convallaria majalis Lily of the Valley (G-cover) 1-10 Coronilla varia (G-cover) Crown Vetch 11-50. Eleutherococcus pentaphyllus Five-leaf Aralia (shrub) 51-100 Pachysandra terminalis (G-cover) Japanese Pachysandra med patch 4: 101-1,000 Philadelphus coronarius **Mock Orange** (shrub) >1,000 Pulmonaria officinalis (G-cover) Lungwort Rubus phoenicolasius Wineberry Iris pseudacorus (wetland) Yellow Flag Iris Ornithogalum umbellatum Star of Bethlehem Viburnum opulus var. opulus **European Cranberry** (shrub) Viburnum plicatum Doublefile Viburnum (shrub) Tier 4: Widespread and abundant Presence comments NE SE SW NW Presence Alliaria petiolata Garlic Mustard X: yes Ligustrum vulgare Common Privet (shrub) L. morrowii, L. tatarica **Bush Honeysuckles** (shrub) Phalaris arundinacea Reed Canarygrass Phragmites australis (wetland) **Phragmites** Polygonum cuspidatum Japanese Knotweed ASI much <50 plants a lot, 100KS like Frangula alnus Glossy Buckthorn it was spray d. (shrub) Rosa multiflora Multiflora Rose (shrub) lite 3i tud Typha angustifolia, T. x.glauca Cattails (wetland) growing vigorous! Cirsium arvense Canada thistle Dipsacus fullonum Common Teasel Hesperis matronalis Dame's Rocket Vinca minor (G-cover) Periwinkle Note: For Ground-cover plants record "stem #" but in comment field describe # of colonies and patch size (S,M, L)

4bCM PCAP Invasive species datasheet.xls last revised 6/23/2011 ceh

XXX

•	-2000						FOF	RM B-1:	BUFF	ER	SAN	IPL I	E PL	ОТ	S (Fr	ont)	Reviewed by	(initial):	5-42	- (
Site I	D: P	CAP	R	RI	115	0											11312				
Location	on:								Fill	in b	ubb	le(s)	if pl	ot(s) cou	ld not be	sampled and f	lag -	→ [,	
OAAC	Center	C	N	•	S	OE	0		● P	-			Plot 2	-		lot 3		100			
Fill in bubble Strata Section	es for all ton: Fill in	hat app	ply: Ca oriate o	nopy T	Type: I	D = Double	eciduous for each	· E - Everare	Buffer en. Leaf T or each plo	vne: F	R = Bro	adleaf	N = N	leedle	Leaf A	bsent: No tree derate(10-40	e canopy. %); 3 = Heavy (40-75%); 4 = V	ery He	avy (:	>75%)
Buffer Plot 1	Canop	y Typ	$\overline{}$	-	4	sent	: O	Buffer Plot 2	Canopy		e: (6) Ab	sent	Flag	Buffer Plot 3	Canopy Type:	\simeq	Abs	sent:	: O Flag
Big Trees (>		10	0	Ō	0	0	riay	Big Trees (>			0	0	0	<u>o</u>	,5	Big Trees	(>0.3m DBH)	0	0	O	
mall Trees (1	0	0	0	$\overline{0}$		Small Trees (5	ŏ	Ö	_	ŏ		Small Trees	(<0 3m DBH)	0		0	01-2000
Noody Shrubs	s, Saplings	0	0	0	$\frac{\circ}{\circ}$	0		Woody Shrub	s, Saplings	0	0	0	-	ŏ			ubs, Saplings im-5m HIGH)	0	Ō	Ō	
(0.5m Noody Shrubs	-5m HIGH) s, Saplings	_	0	0	Ö	0		Woody Shrub		0	0	Ö	-	ŏ		Woody Shr.	ibs, Saplings	Ŏ	ŏ	Ŏ	
	5m HIGH) orbs and	-	+-			0			5.5m HIGH) Forbs and	0	0	0		ŏ			, Forbs and	0	ŏ	ŏ	
	Grasses	1	0	0	0				Grasses	-	0	-		ŏ		Ra	re ground ① ①	0	ŏl	ŏ	
	ground	+=	0	0	$\overline{\bigcirc}$	0			ground	0	-	0	-	_				0	ਨੀ	ŏ	
Lit	ter, duff	1	0	0	0	0		LI	tter, duff	0	0	9		Θ				 1	$\stackrel{\smile}{=}$	_	
	Rock	1	0	0	0	0			Rock	0	0	0		<u>⊙</u>			Rock ① ①	9	읫	의	-
	Water	\perp	0	0	0	0			Water	\ ≅	0		0	<u> </u>			Water 0 0	0	의	의	
V	ubmerged /egetation		0	0	0	0		,	ubmerged /egetation	9	0	0	0	\odot			Vegetation U	$ \Theta $	<u> </u>	0	_
Stress	or Pre	senc	e/Ab	senc	e - (Confi	rm that	a filled data	bubble i	indica	ites p	resen	ce and	an ı	unfilled	bubble indi	cates absence by fil	ling thi	s bub	ble.	0
Resi	identia	l and	Urb	an Si	tress	sors			Hydrolo	gy S	Stres	sors					Agricultural & R	ural S			
FIII bubble	e if pres	ent -	Plot	1	2	3	Flag	Fill bubbl	e if pres	ent -	Plot	1	2	3	Flag	Fill bubbl	e if present - Plot	1	2	3	Flag
Road - gr	avel	33,00		0	0	0		Ditches, C				0	0	0		Pasture/H	ау	0	0	0	
Road - tw	o lane			0	0	0		Dike/Dam		R Bed	1	0	0	0		Range		0	0	0	
Road - for	ur lane			0	0	0		Water Lev		ol Str	ucture	0	0	0		Row Crop		0	0	0	
Parking L	.ot/Pave	ment		0	0	0		Excavation	n, Dredgi	ng		0	0	0		ROW CROP FIE		0	0	0	
Golf Cour	rse			0	0	0		Fill/Spoil E	Banks			0	0	0		Fallow Fie SHRUBS, TR	ld (OLD - GRASS, EES)	0	0	0	
Lawn/Par	k			0	0	0		Freshly D		Sedir	nent	0	0	0		Nursery		0	0	0	
Suburban	Reside	ntial		0	0	0		Soil Loss/	Root Exp	osur	9	0	0	0		Dairy		0	0	0	
Urban/Mu	ultifamily			0	0	0		Wall/Ripra	ар			0	0	0		Orchard		0	0	0	
Landfill			11/2	0	0	0		Inlets, Ou				0	0	0		Confined	Animal Feeding	0	0	0	
Dumping				0	0	0		Point Sou (EFFLUENT	OR STORM	WATE	R)	0	0	0		Rural Res	idential	0	0	0	
Trash			PVI	0	0	0		Imperviou	s surface	inpu	it	0	0	0		Gravel Pit		0	0	0	
Other:				0	0	0		Other:				0	0	0		Irrigation		0	0	0	
Other:				0	0	0	(Other:				0	0	0		Other:		0	0	0	
Indu	ıstrial l	Deve	lopn	ent S	Stres	ssor	S						Habit	at/V	egeta	tion Stres	sors				
FIII bubbl				1	2	3	Flag	FIII bubble	e if prese	ent -	Plot	1	2	3	Flag	FIII bub	ble if present - Plo	1	2	3	Flag
Oil Drilling	g			0	0	0		Forest Clea	ar Cut			0	0	0		Herbicide	Use	0	0	0	
Gas Well	s	IN ST		0	0	0		Forest Sele	ective Cu	ıt		0	0	0		Mowing/SI	hrub Cutting	0	0	0	
Mine (sur	face)			0	0	0		Tree Plant	ation			0	0	0		Trails		0	0	0	
Mine (und	derarour	nd)	to a	0	0	0		Tree Cano	py Herbiv	уогу		0	0	0		Soil Comp		0	0	0	
Military	3,53,			0	0	0		Shrub Laye	er Browse	ed	0	0	0	0			hicle damage	0	0	0	
Other:		elso frei		0	0	0		(WLD OR DO Highly Gra	zed Gras	ses		0	0	0		A STATE OF THE RESIDENCE OF THE PARTY OF THE	n (FROM WIND, WATER	0	0	0	
	in in the			0	1			Recently B		rest		0	0	0		OR OVERUS		0	0	0	
Other: _		1	445	1	0	0	-	Canopy Recently B	Surned Gr	rassla	and		1 _			Other:		0	0	0	
Other:				0	0	0	L	(BLACKENED)	1	1368	0	0	0	lana t	_	CEDIM				
100	Flag code Buffer Sa					EXP	lain all	Suspect meas flags in comi	ment secti	ion or	the b	ack of	this fo	,5 ass		, sasii iloid	24.	2816	830 ₄		

				2									
elle-													
-													↓
													-
		•											-
_		de de -											-
									7-	-			+
							de parte bounds	\$100	11	Pt.	5	4076 8 114	1
EAS.											XIII	Comments	-lag
				DE CHARLE	COCIV	Al fens	alfag ipilitaag asa		ESTEN				
				ts s W			Use Decimal Degre	-					
						200		100		- 1	OTH	M abutited	
				450,4				area III		STREET,			
4	<u> </u>) sud comment below)) E3)) AA O
! 119	eldduc Sonoil	4 "noit		nsect. Fi The coo iffer Plot. ion (flag	the tra below ible Bu	tion of ection access ticable	Ordinates will indicate the loca ble or at the center of the last a local or at the center of the last a	e): were tal	setes 6 to 6 to	ordin of Pla	er insering (ch	ENTER O N3 on of coordinates of as close to the co	box, are confident place
Suffe , fill i an be Flag	e all E eldduc so noil	ecaus	ill in the "nearest practicable loca rdinates of the nearest practicabl	NUG THE Insect. Fi The coo Iffer Plot. ion (flag	on ALC the tra below ible Bu	location of tion of ection sccess ticable	intate bubble. sides at the nearest practicable bordinates will indicate the local ken and why in the comment at the or at the center of the last and why in the last and why in the center of the last and why in the center of the last at the last and why in the last and why in the last and why in the center of the last and why in the center of the last and why in the last and why in the center of the last and why in the last and w	coording the conding the conding the conding the conding the conding the conding the coording the coordinate the co	ethe ts an ales s E to	d, taki noodin of Pla	essee the co the co enter enter	of 3 can not be acceptated on the Buff of describe where the address of the continuated as close to the continuate	Juffer Place of box, and box,
e the	ndicati	ER II	or the Buffer Plot at the AA CENT: TRANSECT. This is important bill in the "nearest practicable local relinates of the nearest practicable	NUG THE Insect. Fi The coo Iffer Plot. ion (flag	Transe the tra below ible Bu	Buffer location of the form of	intate bubble. sides at the nearest practicable bordinates will indicate the local ken and why in the comment at the or at the center of the last and why in the last and why in the center of the last and why in the center of the last at the last and why in the last and why in the last and why in the center of the last and why in the center of the last and why in the last and why in the center of the last and why in the last and w	coording the conding the conding the conding the conding the conding the conding the coording the coordinate the co	ethe ts an ales s E to	d, taki noodin of Pla	essee the co the co enter enter	of 3 can not be acceptated on the Buff of describe where the address of the continuated as close to the continuate	Suffer Place of box, and box,
ent a	O O	ER. II	Other: TRANSECT. This is important bill in the "nearest practicable local in instees of the nearest practicable	oct and for needs. Fig. The coordiffer Plot.	ES Transe the transe to the transform t	Buffer location of ection	PLOT COORD Plot (#3) at the far end of each inate bubble. Sten at the nearest practicable be or at the comment so at the or at the comment so at the least at the or at the comment so at the last at the or at the comment so at the last at a so a	Buffer I coordin the co were ta sapprop	ent) h ent) n ent) e ent) e ent) ent) e ent)	oraling and taken of Pilonose	ne cee sey fire center the content of the content o	of 3 can not be acceptated on the Buff of describe where the address of the continuated as close to the continuate	Juffer Place of box, and box,
C C C C C C C C C C C C C C C C C C C	O O O O O O O O O O O O O O O O O O O	O ER II	Other: or the Buffer Plot at the AA CENT TRANSECT. This is important b ill in the "nearest practicable loca rdinates of the nearest practicable	ect and for Insect. Fig. The Coo fifer Plot.	ES Iocal	Duffer Buffer location of ection of ection of ection of ection of ection of eccess	eafy Spurge PLOT COORD Plot (#3) at the far end of each riste bubble. Stes at the nearest practicable cordinates will indicate the local ble or at the center of the last a ble or at the center of the last a	Buffer I: coordin d the co were ta were ta	O on the state of	Ther of the control of Plotons of	De cee	histle Coordinates at the plot coordinates at the plot coordinates of 3 can not be accepted on the Buffield as close to the coordinates on of coordinates of the coordinates as close to the coordinates as close to the co	anada T ovide Gi sation of box, ar box, ar conter Place
C C C C C C C C C C C C C C C C C C C	O O O O O O O O O O O O O O O O O O O	EE II	Other: Other: Other: TRANSECT. This is important bill in the "nearest practicable local relinates of the nearest practicable."	oct and for THE The Coo	ES Transe Transe Transe To Co	O O O O O O O O O O O O O O O O O O O	eafy Spurge PLOT COORD Plot (#3) at the far end of each indicate the local steen and why in the comment so ordinates will indicate the local local at the center of the last and why in the content of the last and why in the last and why in the content of the last and why in the last and why	Buffer F. Bouffer F. Sapprop	O O O O O O O O O O O O O O O O O O O	O Of Plining 1, take oordining 1, take oordining 1	O O O O O O O O O O O O O O O O O O O	histle 2 coordinates at the plot coordinates of the Buff on the Buff of as coordinates of as close to the continates of as close to the coordinates of the coordinat	irdsfoot anada T ovide Gi sation of state Place blace are c g box, are control of
C C C C C C C C C C C C C C C C C C C	O O O O O O O O O O O O O O O O O O O	EE II	Other: Other: Other: TRANSECT. This is important bill in the "nearest practicable local in in the practicable local in the practicable local in the "nearest practicable "nearest practicable" "nearest practicable "nearest practicable "nearest practicable" "nearest practicable "nearest practicable") ect and fo msect. Fi The coo fifer Plot.	CO C	O O O O O O O O O O O O O O O O O O O	Reed Canary Grass Common Reed early Spurge PLOT COORD PLOT COORD Arise bubble. Arise bubble. Arise at the nearest practicable bubble. Been and why in the comment of the local bubble or at the center of the last and why in the comment of the last and why in the content of the last and why in the comment of the last and why in the last and w	Buffer F. Sapproprise ta bossi	O O O O O O O O O O O O O O O O O O O	O O O D O O D O O D O O D O O D O O O D O O O D O O O D O O O D O D O O D O O D O O D O D O O D O D O O D O D O O D O D O O D	O C C C C C C C C C C C C C C C C C C C	Trefoil histle Scoordinates at the plot coordinates on the Buffe entered on the Buffe entered on the Buffe on the Coordinates on the Buffe on the Coordinates on the Buffe entered on the Buffe entered on the Buffe on the Coordinates on the C	irdsfoot anada T sovide Ci Suffer Pl Suffer Pl Suffer Pl Dox, al Dox, al
C C C C C C C C C C C C C C C C C C C	O (()) O () O	EE II	Tamarisk Other: Other: Other: If the Buffer Plot at the AA CENT or the Buffer Plot at the AA CENT iff in the "nearest practicable local in the	() () () () () () () () () () () () () (ES CO	O O O O O O O O O O O O O O O O O O O	Seed Canary Grass Common Reed Carly Spurge PLOT COORD Plot (#3) at the far end of each riste bubble. Stes at the nearest practicable sordinates will indicate the local plot or at the center of the last and why in the comment of the last and why in the comment of the last and why in the content of the last and why in the last and why in the content of the last and why in the comment of the last and why in the last and why i	Buffer P	O O O O O O O O O O O O O O O O O O O	O O O D S3	O O O O O O O O O O O O O O O O O O O	rute Weed Trefoil histle the plot coordinates at the plot coordinates at the blot coordinates at the plot coordinates at the plot coordinates at the plot coordinates of as close to the condinates at the plot coordinates at the care the care at the care at the plot coordinates at the care at th	oison He irdsfoot anada T sation of sation of sation of box, a her place
C C C C C C C C C C C C C C C C C C C	O (() () () () () () () () ()	EE II	Himalayan Blackberry Tamarisk Other: Other: TRANSECT. This is important but the Buffer Plot at the AA CENT if in the "nearest practicable local in the "nearest practicable "nearest practicable" "nearest practicable "nearest practicable" "nearest practi	() () () () () () () () () () () () () (D C C C C C C C C C C C C C C C C C C C	O O O O O O O O O O O O O O O O O O O	Siant Reed Sheatgrass Sommon Reed Canary Grass Cafy Spurge PLOT COORD Takes at the far end of each inate bubble Sordinates will indicate the loca cordinates will indicate the loca or at the center of the last a series or at the center or at the ce	Buffer F	O O O O O O O O O O O O O O O O O O O	O O O O O D O O D O O D O O D O O D O O D O O D O O D O O D O O D O O D O O D O O D O O D O O D O O D O O D D O D D O O D D D O D D O D D D O D D D O D D D O D D D O D D D O D D D O D D D D O D D D D D O D	O O O O O O O O O O O O O O O O O O O	artard Trefoil Trefoil Trefoil So coordinates at the plot coordinates at the butte butter on the Buffe entered on the Buffe entered on the Buffe as close to the cordinates at the plot coordinates at the plot coordinates are as as close to the continates are as as close to the continuates are as as close to the coordinates are as as as a second as a close to the coordinates.	isatic Mu oison He inde-A-Miile-A-Miile anada T sovide Gi sovide Gi sovide Gi sovide Gi ovide
C C C C C C C C C C C C C C C C C C C	O (O (O (O (O (O (O (O (O (O (EE II 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Common Buckthom Tamarlayan Blackberry Other: Other: Other: It RANSECT. This is important but the Buffer Plot at the AA CENT	() () () () () () () () () () () () () (iple But the transfer of CO	O O O O O O O O O O O O O O O O O O O	Serennial Pepperweed Siant Reed Cheatgrass Common Reed Canary Grass Confinates will indicate the local not at the nearest practicable or at the center of the last a ble or at the center of the last and why in the comment of the last and why in the comment of the last and why in the comment of the last and why in the confinates will indicate the local state and why in the comment of the last and why in the confine the last and why in the conficulties will indicate the local state and why in the confine the last and why in the conficulties will be or at the center of the last and why in the conficulties will be or at the last and why in the conficulties will be conficulties will be conficulties.	Buffer I	O O O O O O O O O O O O O O O O O O O	O O O O P P P P P P P P P P P P P P P P	O O O O O O O O O O O O O O O O O O O	stard rute Weed riefoil histle of 3 can not be accidenced on the Buffe entered on the Buffe entered on the Buffe on the Buffe entered on the Coordinates at the Coordinates at the purpose of the Coordinates are coordinates at the Coordinates are coordinates are coordinates at the Coordinates at the Coordinates are coordinates at the Coordinates at the Coordinates at the Coordinates are coordinates at the Coordinat	isant Salic Mu oison He iile-A-Mi irdsfoot ovide Gi snada T snada T snada T snada T sovide Gi ovide Gi ovide Gi
C C C C C C C C C C C C C C C C C C C	O (O (O (O (O (O (O (O (O (O (EE II	Multiflora Rose Common Buckthom Tamarisk Other: Other: Other: Other: If the Buffer Plot at the AA CENT or the Buffer Plot at the AA CENT in the Buffer Plot at the PA CENT or the Buffer Plot at the PA CENT or the Buffer Plot at the PA CENT in the Buffer Plot at the PA CENT	() () () () () () () () () () () () () (O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	Japanese Knotweed Jerennial Pepperweed Jeatgrass Geed Canary Grass Jod (#3) at the far end of each niste bubble. Jod (#3) at the center of the last a soortinate will indicate the local poortinates will indicate the local state of the last and why in the comment of the last and why in the content of the last and why in the last and why in the content of the last and why in the la	Buffer P	O O O O O O O O O O O O O O O O O O O	O O O O D O O O D O O D O O D O O D O O D O O D O O D O O D O O D O O D O O D O O D O O D O O D D O D D O O D D O D D O O D D D O D D O D D O D D D O D D D O D D D O D D D O D D D O D D D O D D D O D D D O D D D O D D D O D D D O D D D O D D D O D D D O D	O O O O O O O O O O O O O O O O O O O	vinia stard stard anlock Trefoil trefoil the plot coordinates at the plot coordinates at the protection on the Buffe entered on the Buffe on the Buffe starte on the B	ellow File isant Sala isant Sala isant Sala oison He oison He oison He snada Tanada Ta
O O O O O O O O O O O O O O O O O O O	O (O	EE III	Common Buckthom Tamarlayan Blackberry Other: Other: Other: It RANSECT. This is important but the Buffer Plot at the AA CENT	() () () () () () () () () () () () () (D CO	O O O O O O O O O O O O O O O O O O O	Anotweed Jegennial Pepperweed Grennial Pepperweed Cheatgrass Geed Canary Grass Jot (#3) at the far end of each nate bubble. PLOT COORD PLOT COORD PLOT COORD Outlinates will indicate the loca nates at the nearest practicable octainates will indicate the loca nates at the center of the last and why in the comment of the last and why in the conficult and the last and why in the content of the last and why in the comment of the last and why in the last and why in the comment of the last and why in the comment of the last and why in the last and why	Buffer I	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O	C C C C C C C C C C C C C C C C C C C	scinth diagrams and the sart an	Vater hyselow File Actor hyselow File Actor Ho oison Ho inderection to ovide Gi sanada T sana
O O O O O O O O O O O O O O O O O O O	O (O	EE II O O O O O O O O O O O O O O O O O	Multiflora Rose Common Buckthom Tamarisk Other:	O ()	iple But the transfer to CO	O O O O O O O O O O O O O O O O O O O	Japanese Knotweed Jerennial Pepperweed Jeatgrass Geed Canary Grass Jod (#3) at the far end of each niste bubble. Jod (#3) at the center of the last a soortinate will indicate the local poortinates will indicate the local state of the last and why in the comment of the last and why in the content of the last and why in the last and why in the content of the last and why in the la	Buffer P	O O O O O O O O O O O O O O O O O O O	O O O O D O O O D O O D O O D O O D O O D O O D O O D O O D O O D O O D O O D O O D O O D O O D D O D D O O D D O D D O O D D D O D D O D D O D D D O D D D O D D D O D D D O D D D O D D D O D D D O D D D O D D D O D D D O D D D O D D D O D D D O D D D O D	O O O O O O O O O O O O O O O O O O O	Watermilfoil acinth bating Heart winia stard mute Weed Trefoil fire plot coordinates at the plot coordinates at the pristle of 3 can not be accepted to the condinates at the plot coordinates at the	Vater hysiant Sale Sale Sale Sale Sale Sale Sale Sale
O O O O O O O O O O O O O O O O O O O	O (O O O O O O O O O O O O O O O O O O	# CO O O O O O O O O O O O O O O O O O O	Multiflora Rose Common Buckthom Tamarisk Other:	Flag C C C C C C C C C C C C C	2 : so CO	† O O O O O O O O O O O O O O O O O O O	Fill bubble if present - Plot Purple Loosestrife Knotweed Jepanese Knotweed Giant Reed Common Reed Com	Fiag II	\$ 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 O O O O O O D O O O D O O O D O O D O O D O O D O O D O O D O O D O O D O O D O O D O O D O O D D O O D O O D D O D D O O D D O D D O D D O D D O D D O D D O D D O D D O D D O D D D O D D O D D O D D O D D O D D O D D O D D O D D O D D O D D D D O D D D O D D D O D D D O D D D O D D D O D D D O D D D O D D D D O D D D D O D	secretary of the company of the comp	watermilfoil Watermilfoil Jean Heart Je	urasian Vater hy ellow Fla iant Sala salic Mu oison He oison He ovide Gl salion of salaon the pox, a salaon of

							FOF	RM B-1:	BUFF	ER	SAN	IPL	E Pl	OT	S (Fr	ont)	R	eviewed b	y (initial)	:	- (
Site I	D: 70	CAF) 15	R	115	0									DATE	:07	1 3	12	.0.	1.		
Locatio									Fill	in b	ubb	le(s)	if p	lot(s) cou	ld not be	sample	d and	flag -	→		
• AA C	enter	C	N	0	S	O E	0	W	OP			_	Plot			lot 3						
ill in bubble trata Sectio	es for all thon: Fill in a	at ap	ply: Ca oriate c	nopy over c	Type:	D = D oubble	eciduous for each	s; E = Evergre strata type f	Buffer een. Leaf T or each plo	vne. E	R = Bro	adleat	N = N	veedle	Leaf A	bsent. No tree derate(10-409	e canopy. %); 3 = Heav	y (40-759	%), 4 = \	ery He	avy (>75%)
Buffer Plot 1	Canopy	_		$\tilde{}$	4	osení		Buffer Plot 2	Canopy		<u>~</u>	_		sent	$\overline{}$	Buffer Plot 3	Canopy Leaf		$\widetilde{}$	Ab	sent	
		f Typ		()			Flag				e: (+				Flag		(>0.3m DBH)	O C	آمآ	0	0	Flag
Big Trees (>		-	00		0	0		Big Trees (0	0	① ①	$\frac{0}{0}$	<u> </u>		Small Trees		0 0		0	8	
nall Trees (< oody Shrubs	(1)	0	0	0	0	0		Small Trees of Woody Shrub		1	0		=			Woody Shru	ıbs, Saplings	00	+=	0	<u></u>	
	-5m HIGH)	0	0	0	0	0		(0.5r Woody Shrub	n-5m HIGH) os, Saplings	0	0	9	읝	0		Woody Shru	m-5m HIGH) bs, Saplings		1	0	ð	
(<0.	.5m HIGH)	0	0	0	0	0		(<	0.5m HIGH) Forbs and	0	0	0	읝	9		(•	<0.5m HIGH) Forbs and	0 C	+=	0	0	
	Grasses	0		0	<u>(1)</u>	0			Grasses	0	0	9	9	$\frac{0}{0}$			Grasses	0 0	-	=	-	
	ground	0	0	0	0	0			e ground	0	0	0	9	$\frac{\odot}{\odot}$			re ground	0		9	의	
Lit	ter, duff	0	0	0	0	0		L	itter, duff	0	0	0	0	<u>0</u>		L	itter, duff	Θ	+=	9	의	
	Rock	0	0	0	0	0		-392	Rock	0	0	0	0	0			Rock	00	+=	9	의	
	Water	0	0	3	0	0			Water	0	0	0	0	0			Water	<u> </u>		0	0	
V	ubmerged egetation	0	0	0	0	0			ubmerged Vegetation	0	0	0	0	0			Submerged Vegetation	\odot		0	0	
Stress	or Pres	senc	e/Ab	send	e - (Confi	rm that	a filled data	a bubble i	ndica	tes p	esen	ce an	d an	unfilled	bubble indi	cates abser	nce by f	illing th	is bub	ble.	•
Resi	dential	and	Urba	an S	tres	sors			Hydrolo	gy S	tres	sors					Agricultu	ral & F	Rural S	tres	sors	
ill bubble	if pres	ent -	Plot	1	2	3	Flag	Fill bubbl	e if prese	ent -	Plot	1	2	3	Flag	Fill bubble	e if presen	t - Plot	1	2	3	Flag
Road - gra	avel			0	0	0		Ditches, C				0	0	0		Pasture/Ha	ау		0	0	0	
Road - tw	o lane			0	0	0		Dike/Dam		R Bec		0	0	0		Range			0	0	0	
Road - fou	ur lane	No.		0	0	0		Water Lev		l Str	ucture	0	0	0		Row Crops	s		0	0	0	
Parking Lo	ot/Paven	nent		0	0	0		Excavatio	n, Dredgi	ng		0	0	0		Fallow Fiel	ld (RECENT-R	RESTING	0	0	0	
Golf Cour	se			0	0	0		Fill/Spoil 6	Banks	H		0	0	0	1111		ld (OLD - GRA	SS.	0	0	0	
Lawn/Parl	k			0	0	0		Freshly D		Sedir	nent	0	0	0		Nursery			0	0	0	
Suburban	Resider	itial		0	0	0		Soil Loss/	-	osure	•	0	0	0		Dairy			0	0	0	
Urban/Mu	Itifamily		Paring 1	0	0	0		Wall/Ripra	эр			0	0	0		Orchard			0	0	0	
Landfill		H.J.A.		0	0	0	•	Inlets, Ou				0	0	0		Confined A	Animal Fee	ding	0	0	0	
Dumping			EL III	0	0	0		Point Sou (EFFLUENT	OR STORM	WATE	₹)	0	0	0		Rural Resi	idential		0	0	0	
Trash				•	0	0		(SHEETFLO	s surface	inpu	t	0	0	0		Gravel Pit			0	0	0	
Other:			111111111111111111111111111111111111111	0	0	0		Other:				0	0	0		Irrigation			0	0	0	
Other:				0	0	0		Other:				0	0	0		Other:			0	0	0	
Indu	strial D	evel	opm	ent S	Stres	son	8						Habi	tat/V	egeta	tion Stres	sors					
ill bubble		1		1	2	3	Flag	Fill bubble	e if prese	nt -	Plot	1	2	3	Flag	FIII bubt	ole if prese	nt - Plo	t 1	2	3	Flag
Oil Drilling				0	0	0		Forest Cle	ar Cut			0	0	0		Herbicide l	Jse		0	0	0	
Gas Wells	CONTRA CONTRACTOR			0	0	0		Forest Sele	and Delegation			0	0	0		Mowing/Sh	rub Cutting		0	0	0	
Mine (sur				0	0	0		Tree Plant				0	0	0		Trails			0	0	0	
Mine (und	0.000	1)	11.01	1		0		Tree Cano		огу		0	0	0		Soil Compa			0	0	0	
	erground	4)		0	0			(INSECT) Shrub Laye	er Browse	ed		0.00	+	1	-	(ANIMAL OR I		ne	0	0	0	
Military				0	0	0		(WILD OR DO	MESTIC)	104		0	0	0		ESTABLISHED STATE	hicle dama; n (FROM WIN					-
Other: _				0	0	0		(OVERALL <3	"HIGH)			0	0	0		OR OVERUSE			10	0	0	-
Other: _			187	0	0	0		Canopy			nel	0	0	0		Other:			- 0	0	0	-
Other:				0	0	0		Recently B (BLACKENED)			0	0	0		Other:			- 0	0	0	
	l ag codes luffer Sa					Exp	e, U = S lain all 1	uspect mea: lags in comi	surement., ment secti	F1,F on on	2, etc. the b	= mis	this fo	es ass orm	igned b	y each field o	crew.	24	2816	8304	4 (•

							an Sty		H					-10			
- (400 -)		_														***************************************	<u> </u>
																	1
		-						_		-							
			_										_				-
								Sake an					_		_		1
																7	
											Train			e e e e e e e e e e e e e e e e e e e	9 05 04W4 C	QP	
				*													
																Comments	Flag
							Librati	83	QAN	:sea	Use Decimal Degra		881	e line			
		of all last	6	19	1.8.2	186) tsə/					F. 7	1	Б	ироп	N ebuilde N	
					- 10									- Linear	da		
	NAV.					Colored in											
				(/	voled tremm	and cor	u (ysð	ogeo	ool əl	ticsp	O M3 O Nearest prac	O E3		es C		CENTER ON3	
ni lift .	bble,	oites	"ioùi	sable locs practicab	nearest practic	n" əfi ni o sətsnib	sect. Fill he coon er Plot.	trans T.w. Buffe	of the oldis	tion c	nates at the nearest practicable condinates will indicate the localen and why in the comment a lible or at the center of the last and W3 O Wearest practically.	ue): se boss wete fr	e ste setes of 3	nibroc 19 10 '	ine co senter senter	sence on the Bun nd describe where to ed as close to the c	Location of the control of the contr
loffer , fill ir ed ne	all B bble, on ca	s esu dud coite:	vecar le loc	nportant b sable locs sable locs	ECT. This is in the section of the nearest	SNAЯT n" 9d) ni o estsnib	G THE sect. Fill he coon er Plot.	LON, trans T.w. Buffe	A noti ort to oled r eldis:	local ition dection section	nates at the nearest practicable soordinates will indicate the loca sible or at the center of the last a	ne): se bosse the coordinate the coo	e the strates states of 3	tak ansec oordin of Pl	essee fer Tri senter senter	une pror coordinates on of coordinates ed as close to the c ed as close to the c	Buffer Pots are of box, a there place
luffer illin, ed ne	all B bble, on ca	s esu dud coite:	vecar le loc	nportant b sable locs sable locs	ECT. This is in the section of the nearest	SNAЯT n" 9d) ni o estsnib	G THE sect. Fill he coon er Plot.	nsect LON trans w. T	Train A noti ent to oled r eldis:	Buffe local flon o ection ection	pnate bubble. nates at the nearest practicable coordinates will indicate the loca aken and why in the comment s ible or at the center of the last a	ne): se bosse the coordinate the coo	e the strates states of 3	tak ansec oordin of Pl	essee fer Tri senter senter	une pror coordinates on of coordinates ed as close to the c ed as close to the c	Buffer Pots are of box, a there place
edti e	icate all B bble,	olibril s seu dud dudiscips	O necar tion" le loo	nportant b sable locs sable locs	ECT. This is in the section of the nearest	SNAЯT n" 9d) ni o estsnib	t and for certification for the coonest Pilot.	nsect LON trans w. T	Train A noti ent to oled r eldis:	Buffe local flon o ection ection	Plot (#3) at the far end of each priate bubble. nates at the nearest practicable condinates will indicate the localent and why in the comment a sible or at the center of the last a	ne): se bosse the coordinate the coo	e the strates states of 3	tak ansec oordin of Pl	essee fer Tri senter senter	une pror coordinates on of coordinates ed as close to the c ed as close to the c	Buffer Pots are of box, a there place
erth e	icate	O libril and individual section of the section of t	O O Secare Milon"	nportant b sable locs sable locs	ECT. This is in the section of the nearest	The Buff TRANSE n" off ni o setsnit	t and for G THE Sect. Fill Sect. Fill	Dasection of the control of the cont	TEST I Trail I Test I Trail I Test I Trail I Test I Trail I Test	DUMA: Buffe stood	Plot (#3) at the far end of each priate bubble. nates at the nearest practicable condinates will indicate the localent and why in the comment a sible or at the center of the last a	ue): se boss se coordi of the coordi se spbro	e the strates states of 3	onter of illing ansecond of PI	o o o o o o o o o o o o o o o o o o o	PS coordinates at the plot coordinates at the plot coordinates to the Buff and describe where to the ced as close to the ced as ced as close to the ced as close to th	rovide Garage Castion of Ocastion of Ocast
erth e	icate bble,	O O O I I I I I I I I I I I I I I I I I	O O O lee loo	nportant b sable locs sable locs	ECT. This is in the section of the nearest	Other: Other: Other: in the Buff TRANSE TRANSE TRANSE TRANSE Transfes o	t and for G THE Sect. Fill Sect. Fill	O nsect transm. The Buffer	O O SEE OF THESE OF THE OF	O O O O O O O O O O O O O O O O O O O	Common Reed Leafy Spurge Plot (#3) at the far end of each practicable. Coordinates will indicate the local aken and why in the comment a sten and why in the comment a	ue): se boss se coordi of the coordi se spbro	O O The first of t	O nter o nter o o to	O O O O O O O O O O O O O O O O O O O	histle Coordinates at the plot coordinates the plot coordinates tot 3 can not be acc soldered on the Buff and describe where to ed as close to the c	anada T ovide G cation of g box, a her place
OCCOUNTY OF THE PROPERTY OF T	O ()	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	nportant b sable locs sable locs	fer Plot at the TOT. This is in rearest practic	Other: Other: Other: Other: the Buff in the ""	t and for G THE Sect. Fill Sect. Fill	O O	O O O O O O O O O O O O O O O O O O O	O O Buffer of the control of the con	Reed Canary Grass Common Reed Leafy Spurge Plot (#3) at the far end of each priate bubble. condinates at the nearest practicable condinates will indicate the local sible or at the comment and why in the last and why in the comment and why in the comment and why in the last and why in the last and why in the last and why in the comment and why in the last and why in the comment and why in	ue): se boss se coordi of the coordi se spbro	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	Trefoil Trefoil Trefoil PS coordinates at the plot coordinates at the	irdsfoot irdsfoot anada T setion of gy box, a buffer P ots are of ots are of the place
OC CC C	O C C C C C C C C C C C C C C C C C C C	O O O O O O O O O O O O O O O O O O O	О О О О О О О О О О О О О О О О О О О	AA CENT	k fer Plot at the TOT. This is in rearest practic	Other. Other. Other. Other. Other. In the Buff.	t and for G THE Sect. Fill Sect. Fill	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	Cheatgrass Common Reed Leafy Spurge Plot (#3) at the far end of each priste bubble. Condinates will indicate the local alter and why in the comment alter and why in the last alter and why in the comment alter and why in the last alter and why in the comment alter and why in the last alter and why in the last alter and why in the comment alter and why in the last alter and why in the comment	ue): se boss se coordi of the coordi se spbro	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	amlock Trefoil Trefoil Tristle PS coordinates at the plot coordinates est the plot coordinates est the plot coordinates ed as close to the Buff ed as close to the cordinates at the plot coordinates to the coordinates at the plot coordinates are coordinates at the coordinates are coordinates at the coordinates are coordinates.	oison Ho indsfoot anada T snada T snada C sation of cyter P Suffer P guffer P guffer P stance of
CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	O (C)	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	AA CENT	an Blackberry Ker Plot at the FCT. This is in rearest practic	Himalays Tamantsi Other Other Other Other in the Buff in the "n	t and for G THE Sect. Fill Sect. Fill	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	Ciant Reed Chestgrass Reed Canary Grass Common Reed Leafy Spurge Plot (#3) at the far end of each priate bubble. condinates will indicate the loca secondinates will indicate the loca secondinates will indicate the loca	ue): se boss se coordi of the coordi se spbro	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	stard Trefoil Trefoil Trefoil Trefoil Trefoil Tre plot coordinates at the plot accordinates at the plot coordinates at the plot accordinates at the plot accordinates at the plot accordinates at the coordinates are condinates at the coordinates at the coordinates at the coordinates are coordinates are coordinates at the coordinates are coordinates at the coordinates are coordinates ar	indic Mu oison Ho irdsfoot anada T sanada T sovide G ovide G ovide G ovide G ovide G ovide G ovide G ovide P ovide P ovide M
C C C C C C C C C C C C C C C C C C C	CO C	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	AA CENT	n Buckthom an Blackbeny fer Plot at the fer Plot at the fer Plot at the fer Plot at the	Commoromonalays Tamanlays Other: Other: Other: Other: Ine Buff in the ""	t and for G THE Sect. Fill Sect. Fill	COOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	Perennial Pepperweed Clant Reed Cheatgrass Common Reed Leafy Spurge Plot (#3) at the far end of each priate bubble. poordinates will indicate the local second and why in the comment and why in the last and why in the comment and why in the comment and why in the content and why in the comment and why in the content and why in the content and why in the content and why in the comment and	ue): se boss se coordi of the coordi se spbro	O O O O O O O O O O O O O O O O O O O	O	O O O O O O O O O O O O O O O O O O O	vinia stard nute Weed Trefoil histle PS coordinates at the plot coordinates to 3 can not be accept a second to the Buff ed as close to the Buff ed as close to the on the Buff on describe where the second to the Buff and describe where the second to the s	isant Sal idanic Mu oison He oison He lindsfoot sanada T sanada T sanada T sanada T sanada T sovide G g box, a her place
C C C C C C C C C C C C C C C C C C C	control of the contro	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	AA CENT	n Buckthom an Blackbeny fer Plot at the fer Plot at the fer Plot at the fer Plot at the	Multiflors Common Common Tamants Tamants Other Other Other	t and for G THE Sect. Fill Sect. Fill	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	Japanese Knotweed Ciant Reed Cheatgrass Common Reed Common Reed Plot (#3) at the far end of each phase bubble. Plot (#3) at the common coordinates will indicate the local at the nearest practicable coordinates will indicate the local coordinates will indicate the local at the nearest practicable coordinates will indicate the local coordinates will indicate the local coordinates will indicate the local coordinates at the content of the last at the last at the last at the last at the content of the last at the last at the last at the last at the content of the last at the content of the last at	ue): se boss se coordi of the coordi se spbro	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	vinia vinia seard seard nute Weed Trefoil histle the plot coordinates at the plot coordinates are the plot coordinates at the plot coordinates at the plot coordinates at the plot coordinates are the plot coordinates are the plot coordinates are the plot coordinates are the	'ellow FI' 'ellow FI' 'ellow FI' 'ellow Maric Mu 'ellow Ha 'ellow
C C C C C C C C C C C C C C C C C C C	con case on case of ca	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	AA CENT	a Rose an Blackberry fer Plot at the fer Plot at the rearest practic	Kudzu Common Common Tamalaya Other: Other: Other: Other: in the Buff in the ""	t and for G THE Sect. Fill Sect. Fill	1	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	Knotweed Japanese Knotweed Perennial Pepperweed Giant Reed Common Reed Leafy Spurge Plot (#3) at the far end of each priate bubble. Plot of the far end of each priate bubble.	ue): se boss se coordi of the coordi se spbro	O O O O O O O O O O O O O O O O O O O	O	O O O O O O O O O O O O O O O O O O O	acinth vinia vinia stard mute Weed Trefoil Trefoil Trefoil the plot coordinates at the coordinates	Vater hy Vater hy Vater hy Valou Est Valou
C C C C C C C C C C C C C C C C C C C	C	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	AA CENT	a Rose an Blackberry k Fer Plot at the	Lohnson Kudzu Common Common Tamanisty Other: Other: Other: Other: Other: Alinates o	t and for	1	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	Purple Loosestrife Anotweed Japanese Knotweed Giant Reed Cheatgrass Common Reed Leafy Spurge Plot (#3) at the far end of each priste bubble. Plot (#3) at the far end of each priste bubble.	as boss s were fr e spbro e coordi	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	O	O O O O O O O O O O O O O O O O O O O	Watermilfoil acinth oating Heart vinia smock nute Weed Trefoil the plot coordinate of 3 can not be acc ed as close to the Buff ed as close to the buff of 3 can not be acc	uraeian Vater hy ellow Fi jiant Sal jiant Sal oison Ho oison Ho irdsfoot irdsfoot anada T anada T sovide G ovide G ovide G ovide G ovide G
C C C C C C C C C C C C C C C C C C C	C	O O O O O O O O O O O O O O O O O O O	1 O O O O O O O O O O O O O O O O O O O	1 - Plot	a Grass Rose Buckthom Ruckthom Ruckthom Ruckthom Ruckthom Ruckthom An Blackberry Ruckthom An Blackberry Ruckthom An Blackberry A	Fill bub Johnson Multiflore Common Himalays Other: Other: Other: Other: in the Buff in the "n	Fiag	3 Buffer O O O O O O O O O O O O O O O O O O O	2 O O O O O O O O O O O O O O O O O O O	1 O O O O O O O O O O O O O O O O O O O	Fill bubble if present - Plot Purple Loosestrife Japanese Knotweed Giant Reed Common Reed Common Reed Peret Canary Grass Plot (#3) at the far end of each priate bubble. Plot (#3) at the far end of each priate bubble.	Liag	3 O O O O O O O O O O O O O O O O O O O	2 O O O O O O O O O O O O O O O O O O O	1	e if present - Plot Watermilfoil acinth bating Heart vinia mute Weed Trefoil Trefoil fot 3 can not be accepted to the Buff ed as close to the Buff and describe where to the Buff mute Weed Trefoil Tr	Vater hy Vater hy Vater hy Vallow FI
C C C C C C C C C C C C C C C C C C C	C	O O O O O O O O O O O O O O O O O O O	1 O O O O O O O O O O O O O O O O O O O	this bub The Plot The CENT The CE	a Grass Rose Buckthom Ruckthom Ruckthom Ruckthom Ruckthom Ruckthom An Blackberry Ruckthom An Blackberry Ruckthom An Blackberry A	absence Johnson Kudzu Common Common Tamarlaya Other: Other: Other: Other:	Hiag Flag G THE sect. Fil he coon	3 O O O O O O O O O O O O O O O O O O O	s S O O O O O O O O O O O O O O O O O O	1 liled I l	Purple Loosestrife Anotweed Japanese Knotweed Giant Reed Cheatgrass Common Reed Leafy Spurge Plot (#3) at the far end of each priste bubble. Plot (#3) at the far end of each priste bubble.	Liag	3 O O O O O O O O O O O O O O O O O O O	2 O O O O O O O O O O O O O O O O O O O	1	e if present - Plot Watermilfoil acinth bating Heart vinia mute Weed Trefoil Trefoil fot 3 can not be accepted to the Buff ed as close to the Buff and describe where to the Buff mute Weed Trefoil Tr	Water hy (ellow FI jeant Sal Sanic Mu oisant Mile-A-Mi lirdsfoot Tovide G sanada T

			Machill.	at a source and in the											7/17/	' 50	stold 9lq	Buffer Sam	
	j	₹0E8	39T8	SAS 242	y each field cr	q peuß	3 92 S	geff .c	= misc of t	2, etc.	H,FF	spect measurement, gs in comment section	u2 = U , sR ils nis	ebsm lax3	Juem	eunst	K = No mea	님sg codes:	
	0	0	0		Other:		0	0	0	pu	elsse	aryckened) secently Burned Gr		0	0	0	頭		Offher:
	0	0	0		Other:		0	0	0		189	csuoby secently Burned For	2	0	0	0			Other:
	0	0	0	FROM WIND, WATER,	OR OVERUSE)		0	0	0		J.Esto	Highly Grazed Grass)	0	0	0			Other:
	0	0	0	cle damage	7/ 2/2000	9	•	0	0			MLD OR DOMESTIC))	0	0	0			Millitary
	0	0	0		JH RO JAMINA)		0	0	0		HIVE	NSECT))	0	0	0		(punoıbıəpu	u) əniM
	0	0	0	doits	Trails Soil Compa		0	0	0		700	nee Plantation Tee Canopy Herbiv		0	0	0		nusce)	s) əniM
—	0	0	0	ub Cutting	ndS\gniwoM		0	0	0			orest Selective Cut	1	0	0	0		SIIS	Gas We
	0	0	0		Uerbicide U		0	0	0			orest Clear Cut	4	0	0	0		6u	iliha lio
FI89	3	2	1	tol9 - tneseng ti e	Fill bubbl	Flag	3	7	1	1019	ı - Ju	esend it elddud IIi:	6e 3	3	2	ı	Jol9 - Jn	ble if preser	dud III:
7 E E	1100				esente noi			L	4					Sors	san	S 1U6	emqolev:	ed Isitteul	oul
	10	10		-		1								Τ_					:nertiO
	0	0	0		Other:		0	0	0			Tethor:	-	0	0	0	or the second		
	0	0	0		Imgation		0	0	0			(SHEETFLOW)	-	0	0	0			Trash Other:
_	0	0	0		Gravel Pit		0	0	0			EFFLUENT OR STORM		0	0	0		6	
	0	0	0	ential	Rural Resid		0	0	0		100	Point Source/Pipe	-	0	0	0			Dumpin
	0	0	0	gnibee4 ismir	A benfineO		0	0	0			Inlets, Outlets		0	0	0			liñbne
	0	0	0		Orchard		0	0	0			Wall/Riprap		0	0	0		Aultifamily	
	0	0	0		Dairy		0	0	0	•	osnte	(UNVEGETATED) Soil Loss/Root Exp		0	0	0	lei	inebiseR ng	
	0	0	0		Nursery		0	0	0	juən	nibəs	Freshly Deposited		0	0	0		94K	4/uwe
	0	0	0	(OLD - GRASS,			0	0	0			Fill/Spoil Banks		0	0	0		urse	Golf Co
	0	0	0	оитга-тестиво	Fallow Field Row CROP FIELD		0	0	0		бι	Excavation, Dredgin		0	0	0	Jue	Lot/Paveme	Parking
	0	0	0		Row Crops		0	0	0	enutor	uts I	Water Level Contro		0	0	0		four lane	Road -
	0	0	0		Range		0	0	0		Bed	Dike/Dam/Road/RF Dike/Dam/Road/RF		0	0	0		two lane	- bsoA
	0	0	0	/	Pasture/Hay	=	0	0	0		noite	Ditches, Channeliza		0	0	0		gravel	Road -
Flag	3	2	ı	tolq - finesend ti	Fill bubble	Fiag	3	z	ı	Jolq	- aus	Fill bubble if prese	Flag	3	2	ŀ	1019 - Jn	iezeng ti eld	idud III:
	SIOS	esen	2 Isn	uS & Iজuthuong/	1				SIOS	esent	gy S	Hydrolo		SIO	ssəı	12 n	schU bni	s letrabie	ЭЯ
0		_	6		cioni sidana	pəllilar	ue p	e suc	ouese	nq sət	polica	i elddud stab bellii	s tedt m	าหิดอ) - ə	ouə	edA\əone	seor Pres	ente
-	ble. (qnq s	idt on	ates absence by filli	aibai alddiid				Τ_		•	Vegetation		0	0	(1)		Vegetation	
	Dle.	qnq s	int pr	egetation (\		0		10	101	0	Submerged			_			Submerged	
	0	0	0	upmerged O	\		0	0	0	0	0			0	0	0		Nater Submerged	
	0	0	0	Water Water Wegetation	\		0	0	Ō			Submerged		1	-	0		Vater	
	000	0	000	Rock (O)	S		00	0	0	•	0	Water		0	0	0	0	Vater	
	0000	0000	0 0 0	Her, duff (O) (O) Rock (O)	s s		○○○	000	0 0	0	①②	Litter, duff Rock Water Submerged		1	0	0	0 0	Litter, duff (Rock (
	00000	00000	000	ground (O)	s s		⊙⊙⊙⊙	000	0 0 0	 0 0 0	000	Grasses Bare ground Lifter, duff Rock Water Submerged		⊙	0 0 0	0 0 0	0 0	Grasses Grasses Litter, duff Rock Water	s8
	000000	000000	0 0 0 0	Grasses Grasses Grasses Grasses Grand Grasses Grand Mater Water Gegetation	Herbs, Li		00000	00000	00000	 0 0 0 0	0000	Bare ground Lifter, duff Rock Water Submerged		⊙	0000		0 0	Cosm HIGH) Forbs and Grasses Grasses Litter, duff Rock Water	Herbs
	0000000	0000000	0 0 0 0	s Saplings of Character of Char	Woody Shrub (Herbs, Bare Li		00000	00000	000000	00000	00000	Woody Shrubs, Saplings (<0.5m HIGH) Herbs, Forbs and Gasses Bate ground Lifter, duff Rock Xook			00000	000000	0 0 0 0 0 0 0 0	Grasses Grasses Grasses Grasses Grand Litter, duff Rock Water	voody Shr Herbs
	00000000	00000000		Saphings Sap	Woody Shrub (Herbs, Bare Li		000000	0000000			00000	Woody Shrubs, Saplings (0.5m-5m HIGH) Woody Shrubs, Saplings (<0.5m HIGH) Herbs, Forbs and Grasses Bare ground Lifter, duff Rock Rock Submerged			0000		0 0 0 0 0 0 0 0 0 0	ubs, Septings 5m-5m HiGH) ubs, Septings (red 5m HiGH) i, Forbs and Grasses ine ground Litter, duff Rock	Voody Shr (0) Voody Shr Herbs
	00000000	0000000	0 0 0 0	Saplings Sap	(0 5rd Woody Shrub Woody Shrub (0000000	0000000		00000	0000000	Masil Trees (<0.3m DBH) Woody Shrubs, Saplings (0.5m-5m HIGH) Woody Shrubs, Saplings (<0.5m HIGH) Herbs, Forbs and Gasses Bate ground Liffer, duff Rock Xooft			000000000000000000000000000000000000000	000000		s (<0.3m DBH) ubs, Seplings 6m-5m HIGH) ubs, Seplings (<0.5m HIGH) ir Forbs and Grasses Grasses Grasses Litter, duff Rock	Voody Shr (0) Voody Shr Herbs
		00000000		O 3m DBH) O O O 3m DBH) O O O O O O O O O O O O O O O O O O O	Woody Shruk (0.5n Woody Shruk (Herbs, Li Li Sare		000000	0000000			0000000	Woody Shrubs, Saplings (0.5m-5m HIGH) Woody Shrubs, Saplings (<0.5m HIGH) Herbs, Forbs and Grasses Bare ground Lifter, duff Rock Rock Submerged			0000			s (>0.3m DBH) s (<0.3m DBH) be, Saplings 5m-5m HIGH) be, Saplings tro 5m HIGH) i, Forbs and Grasses ine ground Litter, duff Rock	mail Tree Woody Shr (0.9) Woody Shr (1.0) Herbs
Fisg		000000000		Co 3m DBH) (O (O) am	Moody Shruk (0.5n Woody Shruk (0.5n Woody Shruk (Pieg		000000000000000000000000000000000000000			\$ 000000 \$ \$ 00000	Big Trees (>0.3m DBH) Big Trees (>0.3m DBH) Moody Shrubs, Saplings (0.5m-5m HIGH) Woody Shrubs, Saplings (0.5m-5m HIGH) Woody Shrubs, Saplings (0.5m-6m HIGH) Barb Groups and Grasses Bare ground Lifter, duff Rock Aod			00000000		1ype:	Leaf (-0.3m DBH) s	Flord Big Trees Big Trees Big Manual Big Man
E139		000000000		O 3m DBH) O O O 3m DBH) O O O O O O O O O O O O O O O O O O O	Eig Trees (5) 2501 Eig Eig Trees (5) 2501 Eig		0000000	000000000000000000000000000000000000000			\$ 000000 \$ \$ 00000	Big Trees (<0.3m DBH) Trees (<0.3m DBH) Trees (<0.3m DBH) Woody Shrubs, Saplings (0.5m-5m HIGH) Woody Shrubs, Saplings (<0.5m HIGH) The Saplings (<0.5m HIGH) The Saplings Saplings (<0.5m HIGH) The Saplings Saplings The Saplings The Saplings Sapli	Flag		00000000			Leaf (-0.3m DBH) s	Big Trees Ball Tism Coody Shoot Coody Sho
O=1=1		0 0 0 0 0		Canopy Type: Canopy	Buffer Plot 3 Plot 5 Pl	Leaf A		ddA (9: Broom State Sta	ype: [0.0.4) 1.0.0.0 0.0.0	E = Evergreen. Leaf T strata type for each plo Buffer Canop Boody Shrubs, Saplings Woody Shrubs, Saplings (0.5m-5m HIGH) Woody Shrubs, Saplings (0.5m-5m HIGH) Woody Shrubs, Saplings (0.5m-5m HIGH) Woody Shrubs, Baplings (0.5m-5m HIGH) Woody Shrubs, Baplings (0.5m-5m HIGH) Woody Shrubs, Buttler, duff Bate ground Lifter, duff Rock Rock	for each		d assel	(1) (1) (2) (3) (4) (4) (5) (6) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	Type: ©	ction: Fill in ap	Buffer Property of the propert
O=1=1		0 0 0 0 0		Canopy Type: Canopy	Buffer Plot 3 Buffer Plot 3 Big Trees (Woody Shrut (0.5n	Leaf. A	statate to the state of the sta	142 145 145 145 145 145 145 145 145 145 145	○ O O O O O O O O O O O O O O O O O O O	9: Brown State	ype: [0.0.4) 1.0.0.0 0.0.0	E = Evergreen. Leaf T strate type for each plo strate type for each plo Plot 2 Lea Plot 2 Leas (<0.3 m DBH) Big Trees (<0.3 m DBH) Woody Shrubs, Sapings (<0.5 m-5m HIGH) Woody Shrubs, Sapings (<0.5 m-10 m HIGH) Woody Shrubs, Sapings (<0.5 m HIGH) Herbs, Forbs and Chasses	eciduous;		Ape: (c)		Type: ©	ction: Fill in ap	Buffer Buffer Buffer Plot 1 Big Trees Big Trees Woody Shr (0.9 Wo
O		Abs		Canopy Type: Canopy	bent: No tree Suffer Plot 3 Buffer Plot 3 Big Trees (** Woody Shrub (** Carlon Shrub (**	O P	statatatatatatatatatatatatatatatatatata	dA (96: 60 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Buffer E = Evergreen. Leaf I Strata type for each plot Buffer Canop Plot 2 Leas Co.3m DBH) Woody Shrubs, Saplings (o.5m-5m HIGH) Woody Shrubs, Saplings (o.5m-6m HIGH) Woody Shrubs, Saplings Herbs, Forbs and Casses Bate ground Lifter, duff Rock Rock	for each		Ape: (c)	(1) (1) (2) (3) (4) (4) (5) (6) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	Type: Type:	canopy clin in application: Fill in application: Fill in application (-0.3 m DBH)	AA O shall in hub shall shall shall told shall shall told shall

Confirm a filled data bubble Indicates presence and an unfilled bubble indicates absence by filling in this bubble	S	ite ID:	PC	oP	121	2 19	50	DAT	E: (ට ද	7 1	13/2011				
Eurasian Watermilfoil Decreasian Watermilfoil Comments Filag Fill bubble if present - Plot 1 2 3 Filag Fill bubble if present - Plot 1 2 3 Filag Fill bubble if present - Plot 1 2 3 Filag Fill bubble if present - Plot 1 1 2 3 Filag Fill bubble if present - Plot 1 1 2 3 Filag Fill bubble if present - Plot 1 1 2 3 Filag Fill bubble if present - Plot 1 1 2 3 Filag Fill bubble if present - Plot 1 1 2 3 Filag Fill bubble if present - Plot 1 1 2 3 Filag Fill bubble if present - Plot 1 1 2 3 Filag Fill bubble if present - Plot 1 3 a Filag Fill bubble if present - Plot 1 2 a Fill bubble if present - Plot 1 2 a Fill bubble if present - Plot 1 2 a Fill bubble if present - Plot 1 2 a Fill bubble if present - Plot 1 2 a Fill bubble if present -			THE STATE OF		i Sore											
Eurasian Watermilfoil O O O Purple Loosestrife O O O Johnson Grass O O O O Water hyacinth O O O O Knotweed O O O O Kudzu O O O O O O O O O O O O O O O O O O O			_	T	T			Г	T	T				2	3	Flag
Water hyacinth O O O Knotweed O O O Kudzu O O O O O O O O O O O O O O O O O O O	Eurasian Watermil	foil	0	0	0		Purple Loosestrife	0	0	0			0	JES I	-	Challer
Yellow Floating Heart O O O D Japanese Knotweed O O O O Multiflora Rose O O O O O O O O O O O O O O O O O O O	Water hyacinth	10, A 30			+		Knotweed		-	-		Kudzu		_		-
Glant Salvinia Glant Salvinia	Yellow Floating He	art			1		Japanese Knotweed	-	+	-		Multiflora Rose		-	-	
Garlic Mustard O O O Giant Reed O O O Himalayan Blackberry O O O O Minary Comments O O O O Himalayan Blackberry O O O O O O O O O O O O O O O O O O O	Giant Salvinia		0	+			Perennial Pepperweed	+	+	-		Common Buckthorn		-	1	
Poison Hemlock O O O Cheatgrass O O O O Tamarisk O O O O Sample Adminute Weed O O O O Reed Canary Grass O O O O O O O O O O O O O O O O O O O	Garlic Mustard		0	+	-		Giant Reed	1		-		Himalayan Blackberry				
Mile-A-Minute Weed O O O Reed Canary Grass O O O Other: O O O O O Other: O O O O O O Other: O O O O O O O Other: O O O O O O O O O O O O O O O O O O O	Poison Hemlock		0	0	0	7.	Cheatgrass	1	-	-		Tamarisk	-	-		
Birdsfoot Trefoil O O O Common Reed O O O O Other: O O O O O O Other: O O O O O O O O O O O O O O O O O O O	Mile-A-Minute Wee	ed	0	1	1		Reed Canary Grass		-			Other:	-		-	
Canada Thistle O O O Leafy Spurge O D O Other: Other: O O O Other: Other: Other: Other: Other: Other: Other: Other: Other: O O O Other: Other: Other: Other: Other: Other: Other: Other: O O O PLOT COORDINATES Provide GPS coordinates at the center of the Buffer Plot (#3) at the far end of each Buffer Transect and for the Buffer Plot at the AA CENTER. Indicate the ocation of the plot coordinates by filling in the appropriate bubble. If Buffer Plot 3 can not be accessed, take the coordinates at the nearest practicable location ALONG THE TRANSECT. This is important because all Buffer Plots are centered on the Buffer Transects and the coordinates will indicate the location of the transect. Fill in the "nearest practicable location" bubble, fill in it lag box, and describe where the coordinates were taken and why in the comment section below. The coordinates of the nearest practicable location can be either placed as close to the center of Plot 3 as possible or at the center of the last accessible Buffer Plot. Location of coordinates (choose one): O AA CENTER O N3 O S3 ● E3 W3 O Nearest practicable location (flag and comment below) Latitude North U . 4 7 6 9 9 Longitude West 0 9 1 . 8 2 5 3 9 Use Decimal Degrees; NAD83	Birdsfoot Trefoil			1	-		Common Reed	-		-						-
PLOT COORDINATES Provide GPS coordinates at the center of the Buffer Plot (#3) at the far end of each Buffer Transect and for the Buffer Plot at the AA CENTER. Indicate the ocation of the plot coordinates by filling in the appropriate bubble. If Buffer Plot 3 can not be accessed, take the coordinates at the nearest practicable location ALONG THE TRANSECT. This is important because all Buffer Plots are centered on the Buffer Transects and the coordinates will indicate the location of the transect. Fill in the "nearest practicable location" bubble, fill in the ago box, and describe where the coordinates were taken and why in the comment section below. The coordinates of the nearest practicable location can be either placed as close to the center of Plot 3 as possible or at the center of the last accessible Buffer Plot. Location of coordinates (choose one): O AA CENTER O N3 O S3 S S W3 O Nearest practicable location (flag and comment below) Latitude North U	Canada Thistle			1			Leafy Spurge								-	
PLOT COORDINATES Provide GPS coordinates at the center of the Buffer Plot (#3) at the far end of each Buffer Transect and for the Buffer Plot at the AA CENTER. Indicate the ocation of the plot coordinates by filling in the appropriate bubble. If Buffer Plot 3 can not be accessed, take the coordinates at the nearest practicable location ALONG THE TRANSECT. This is important because all Buffer Plots are centered on the Buffer Transects and the coordinates will indicate the location of the transect. Fill in the "nearest practicable location" bubble, fill in the lag box, and describe where the coordinates were taken and why in the comment section below. The coordinates of the nearest practicable location can be either placed as close to the center of Plot 3 as possible or at the center of the last accessible Buffer Plot. Location of coordinates (choose one): O AA CENTER O N3 O S3 E3 W3 O Nearest practicable location (flag and comment below) Latitude North U . 4 . 4 . 4 . 9 9 Longitude West O \$1 . 8 2 5 3 9 Use Decimal Degrees; NAD83 Flag Comments									10			Other:			_	
Provide GPS coordinates at the center of the Buffer Plot (#3) at the far end of each Buffer Transect and for the Buffer Plot at the AA CENTER. Indicate the ocation of the plot coordinates by filling in the appropriate bubble. If Buffer Plot 3 can not be accessed, take the coordinates at the nearest practicable location ALONG THE TRANSECT. This is important because all Buffer Plots are centered on the Buffer Transects and the coordinates will indicate the location of the transect. Fill in the "nearest practicable location" bubble, fill in the last pox, and describe where the coordinates were taken and why in the comment section below. The coordinates of the nearest practicable location can be either placed as close to the center of Plot 3 as possible or at the center of the last accessible Buffer Plot. Location of coordinates (choose one): O AA CENTER O N3 O S3		VI ENGR					PI OT COOPI	NINA	TEC	9355	1000		0		\Box	
	L	atitude N	lorth	4	.	. 4					est (0.81.8.253	9.			
	Flag Con	nments														
		8.									31111		4			,
								21					7			
	-				·				-				- F40		- 100000	
														-		
					è				****							
		or Th		by ki					_							

Site	D: <u>թ</u>	178	1/	_	130	_		- July	T					- 44			1 3	-	H	<u> </u>	_		
Locatio						,	OH BANK										sampled	and	mag				
OAAC	enter	0	N	0	3	爱 E	•		O P	-			lot 2		O PI	OT 3						70	
Fill in bubble Strata Sectio	es for all th on: Fill in a	at app	ly: Ca riate c	nopy 1 over c	ype: [lass b) = Do ubble	eciduous for each		an Loof T	E	- Dro	adleaf:	N = N	aihaa	Leaf. At	JCIBIC(10 40	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		_				75%)
Buffer Plot 1	Canopy	y Typ	_=		-	sent	Flag	Buffer Plot 2	Canop		e: (] e: (]	-	Ab	sent:	O Flag	Buffer Plot 3	Canopy T Leaf T		9	<u>ي</u> را (د	Abse	_	Flag
Big Trees (>	0 3m DBH)	0	•	0	0	0		Big Trees (>0.3m DBH)	0	0	0	0			Big Trees	(>0.3m DBH)	<u> </u>	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)	<u> </u>) (
Woody Shrubs	s, Saplings -5m HIGH)	0	0	①	0	0		Woody Shrul	os, Saplings n-5m HIGH)	0	0	0	0	0			ubs, Saplings 5m-5m HIGH)		D 6) ()(上	
Woody Shrubs	s, Saplings	(3)	Ō	0	Ō	0		Woody Shrul		0	0	0	0	0			ubs, Saplings <0.5m HIGH)	0	D (C) (O(0))	
	orbs and	0	0	0	0	Ö			Forbs and	-	0	0	0	তা		Herbs	Forbs and Grasses	9	9 0) () (
Bare	Grasses	0	0	0	Ö	$\overline{\odot}$		Bar	Grasses e ground	0	0	0	_	0		Ва		<u></u>	0	DO	0	5	
	ter, duff	0	0	0	0	0			itter, duff	Ö	0			9			Litter, duff	<u></u>	0 C) 6	0	5	
	Rock		0	0	0	ō			Rock	0	0	0	_	ŏ			Rock (0	0	0	0	5	
	- St. 5 (1)	-	_	-	0	$\frac{0}{0}$			Water	0	0	0	_	ŏ			Water	-	0 0	-	_	5	
Si	Water	0	0	0	-	$\stackrel{\sim}{\sim}$		5	Submerged	-	0	0	-	ŏ			Submerged		3 6				
V	/egetation		(O	0	0	Θ	Ab - A		Vegetation		_				ınfilled	hubble indi	Vegetation icates abser	ice by					
			Set law		rotata		m mat	a mied dat	Stellmanne	1000000			æ and	ant	1		Agricultu						
The second	idential			an S					Hydrolo			Τ.		2 1	Class		e if present		- 1	1 2	-	_	Flag
Fill bubble	e if pres	ent -	Plot	1	2	3	Flag	Fill bubb	le if pres	ent -	Plot	1	2	3	Flag						-		
Road - gra	avel			0	0	0		Ditches, (0	0	0		Pasture/H	ay		-		_		
Road - tw	o lane			0	0	0		(IMPEDE FL	OW)	-		0	0	0		Range Range Crop			1	-	-	5	
Road - for	ur lane		AL AL	0	0	0		Water Le			ucture	-	0	0		Row Crop Fallow Fie	eld (RECENT-R	ESTINO	-	-	-	5	
Parking L	.ot/Paver	ment		0	0	0		Excavation		ing	2.00	0	0	0		ROW CROP FIE			1	+	-	5	
Golf Cour	rse	140		0	0	0		Fill/Spoil Freshly D		Sedi	nent	10	0	0		SHRUBS, TR			_	_	-	5	
Lawn/Par	t	(ELF		0	0	0		(UNVEGETA	ATED)	100	LIBERT	0	0	0		Nursery				-	-	5	
Suburban	Reside	ntial		0	0	0		Soil Loss		JUSUI		0		0		Orchard			_	-+	_	5	
Urban/Mu	ultifamily			0	0	0		Wall/Ripr	1			0	0	0			Animal Feed	dina	-	-	-	0	_
Landfill				0	0	0		Inlets, Ou	rce/Pipe	221111		0	0	00		Rural Res		9	-	_	_		
Dumping				0	0	0		(EFFLUENT	OR STORM	WATE	R)	10	0	0		Gravel Pil			_	_	_		-
Trash				0		0		(SHEETFLC)VV)			0	0	0	-	Irrigation				_		o	-0.00
Other:		_		0	0	0		Other:			-	0	0			Other:		10-10-	-		-	ot	
Other:				10	10	0	(HED-RE	Other: _		ni ga	HI/OUG	.0	0	0					TENES.	7	71.	21	- - - - - - - - - - - - - - - - - - -
Indu	ustrial [Devel	opn	ent	Stres	SOF	\$				H.	т —	1			tion Stres	A STATE OF THE PARTY OF THE PAR				. Т.		Floor
Fill bubbl	le if pres	sent -	Plot	1	2	3	Flag	FIII bubb	le if pres	ent -	Plot	1	2	3	Flag	Fill bub	ble if prese	nt - P		1	-	-	Flag
Oil Drilling	9			0	0	0		Forest Cle	ear Cut			0	0	0		Herbicide	Use			_	-	의	
Gas Well	ls			0	0	0		Forest Se	lective Cu	ıt		0	0	0		Mowing/S	hrub Cutting		-	2	0	0	
Mine (sur	rface)	i ya kan		0	0	0		Tree Plan	tation			0	0	0		Trails			- 0	2	_	이	_
Mine (und	dergrour	nd)		0	0	0		Tree Can	opy Herbi	vory		0	0	0		Soil Comp (ANIMAL OR	HUMAN)		() ·	0	0	
Military		10715		0	0	0		Shrub Lay		ed		0	0	0		Offroad ve	ehicle dama	ge	1	0	0	0	
				0	0	0		Highly Gr	azed Gras	sses		0	0	0		Soil erosio	ON (FROM WIN	D, WAT	TER.		•	•	
Other:		-	-	+	1	0	-	(OVERALL <	Burned F	orest	1000	0	0	0		1000027171232	E)	-	1	5	0	0	
Other: _	min saliron			0	0	1	\vdash	Recently		rassl	and	0	0	0		Other:				+		ŏ	
Other:				10	IO	10	1	(BLACKENE				10	10	1	1				_ [-			

			996 <i>L</i>				Decies OS/27/2011		li e		Buffer Sample Poin	
_								Q				-
)							
	-										C	-
			7								Comments	6el:
				3	BOAN	ı :sə:	Use Decimal Degre					
		Ö	081.8281	tseW s	ppnji	rouc	LOCC	$F \cdot \Box$	' F'	чло	rsuinde M	
	—											
	- 1			מחחוו (וושה	201 2	apon	anid teamers a a	~~~	ES (
. 113	ou cs		ill in the "nearest practicable local	ransect. F v. The coo Suffer Plot	roled i oledis	non o ection	Scordinates win indicate the last safen and why in the comment so	one):	ordina old jo	euter	nd describe where t	er plac
rffer ij lifi ed n	all B bble, on ca	ecsnse	Ngjusjes of the nearest practicable	.ONG THE sansect. F v. The coc suffer Plot	nsıTı JA noi I əhti i Voləd i	Buffer locat tion o tion tion section	Plot (#3) at the far end of each ppriate bubble. Plot (#3) at the nearest practicable coordinates will indicate the loca aken and why in the comment a sible or at the center of the last a	the coord the sand the tas were t	take nsect ordins of Plo	ezseq euter enter	tot 3 can not be accommend to 3 can not be sufficient on the Buffi and describe where to the coed as close to the close to the close to the close to the clo	uffer P ts are o box, a er plac
the uffer ii lift n be	licate all B bble, bon ca	ER. Ind	or the Buffer Plot at the AA CENT TRANSECT. This is important bi ill in the "nearest practicable local indinates of the nearest practicable	.ONG THE sansect. F v. The coc suffer Plot	nsıTı JA noi I əhti i Voləd i	Buffer locat tion o tion tion section	spriete bubble: inates at the nearest practicable swen and why in the comment as sible or at the center of the last	the coord the sand the tas were t	take nsect ordina of Plo	ezseq euter enter	tot 3 can not be accommend to 3 can not be sufficient on the Buffi and describe where to the coed as close to the close to the close to the close to the clo	uffer P ts are o box, a er plac
the fill ii	J C all B bble, bble,	ER. Ind	Other: TRANSECT. This is important be nearest practicable local ill in the "nearest practicable" in the Buffer Ill in the B	sect and from THE Cod W. The Cod	TES fron Al fron Al fron Al	Buffer location of ection	PLOT COORD Plot (#3) at the far end of each inates at the nearest practicable condinates will indicate the local size and why in the comment size and why in the fact and why in the last and why in the comment size.	the Buffer approach is as possible to coordine in the coordine is and the in the coordinate in the possible in the Buffer in the	nter of lling in nsect ordins of Plo	euter essed essed s by fi	tot 3 can not be accommend to 3 can not be sufficient on the Buffi and describe where to the coed as close to the close to the close to the close to the clo	uffer P ts are o box, a er plac
the	J C C L C C C C C C C C C C C C C C C C	O (C	Other: or the Buffer Plot at the AA CENT ill in the "nearest practicable local indinates of the nearest practicable	Sect and for THE Cod	TES Tran ion Al f the f	Buffer location of the control of th	PLOT COORD PLOT COORD Plot (#3) at the far end of each instea at the nearest practicable coordinates will indicate the local sible or at the center of the last a sible or at the center of the last and why in the comment and will be commented to the last and why in the commented and will be continued to the last and will be continued to the la	the Buffer the appropries and the test to	O (diling in take ordina of Plo ordina	euter certification of the cer	PS coordinates at the plot coordinates at the plot coordinates lot 3 can not be accompleted on the Buffi and describe where to the case as close to the case as coordinates.	vide G uffer P s are o box, a er plac
the	All Balble, on ca	O (O CO	Other: Other: TRANSECT. This is important be in the Buffer Plot at the AA CENT in the "nearest practicable local in the "nearest practicable".	Sect and framed and framed. F	O TES TES Tran Tobelov Sible B	O O O O O O O O O O O O O O O O O O O	Leafy Spurge PLOT COORD Plot (#3) at the far end of each inates at the nearest practicable coordinates will indicate the loca aken and why in the comment sible or at the center of the last a	the Buffer as posses and the coord the coord the same to the to the total th	O O O O O O O O O O O O O O O O O O O	euter cere con O	PS coordinates at the plot coordinates at the plot coordinates for the Buff on the Buff and describe where to the coerdinates as as close to the coerdinates.	nada vide Gation or uffer Plas are of back, a see place
() () () () () ()	CO C	EB. Ind	Other: Other: Other: Other: TRANSECT. This is important bind in the Buffer Plot at the AA CENT	O Suffer Plot	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	Reed Canary Grass Common Reed Leafy Spurge Plot (#3) at the far end of each instea at the nearest practicable coordinates will indicate the local sken and why in the comment as sible or at the center of the last a	the Buffer to as positive and the coord the co	O (O (O (O (O (O (O (O (O (O (O O	Trefoil Triefoil Triefoil Triefoil PS coordinates at the plot coordinates at the coordinates at	de-A-M defoot nade G ation o uffer P is are o box, a er plac
the	O CO	EB. Inc O O O O O O	Other: Other: Other: Other: It is buffer Plot at the AA CENT TRANSECT. This is important bi	O CONG THE Ranged. F	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	Cheatgrass Common Reed Leafy Spurge Plot (#3) at the far end of each inafes at the nearest practicable coordinates will indicate the focal sken and why in the comment sales and why in the comment sales and why in the comment sales are as the continuates will indicate the focal inafes at the nearest practicable.	the Buffer as posses and the coord	O O O O O O O O O O O O O O O O O O O	ecenter Control Contro	emlock Trefoil Tricoil Tristle PS coordinates at the plot coordinates at the plot coordinates at the plot soordinates at the plot soordinates at the plot coordinates at the plot soordinates at the plot soordinates at the plot soordinates at the plot to ordinates at the condinates at the coordinates at the coord	le-A-Mide-A-Mide Gation of uffer Plas are of box, a configured box
C C C C C C C C C C C C C C C C C C C	CO C	O (O	Himalayan Blackberry Tamantak Other: Other: Other: If in the Buffer Plot at the AA CENT or the Buffer Plot at the AA CENT in in the "nearest practicable local in the Buffer Plot at the AA CENT	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	Giant Reed Cheatgrass Common Reed Leafy Spurge Plot (#3) at the far end of each inates at the nearest practicable coordinates will indicate the loca aken and why in the comment as aken and why in the comment as the content of the last a score of the last and why in the comment as the content of the last and why in the comment and why in the content of the last and why in the last and why in the content of the last and why in the content of the last and why in the content of the last and why in the last and wh	COCCOUNTY OF STATE OF	O O O O O O O O O O O O O O O O O O O	s (cu	emlock inute Weed Trefoil Tristle PS coordinates at the plot coordinates at the plot coordinates at the plot secondinates at the plot secondinates at the se	inic Malic Malic Malic Male Galon or uffer Plas are of box, a box, a box, a er plac
C C C C C C C C C C C C C C C C C C C	CO C	EB. Ind	Common Buckthom Tamarisyan Blackberry Other: Other: Other: Il in the Buffer Plot at the AA CENT or the Buffer Plot at the AA CENT in the "nearest practicable local or the Buffer Plot at the PA CENT	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	Perennial Pepperweed Giant Reed Common Reed Common Reed Leafy Spurge Plot (#3) at the far end of each instea at the nearest practicable coordinates will indicate the focal sken and why in the comment as the local sible or at the center of the last as the content of the last and why in the comment as the local sible or at the center of the last as	COORDINATION OF STREET OF	O O O O O O O O O O O O O O O O O O O	e (cu)	lvinia emlock inute Weed Trefoil PS coordinates at the plot coordinates at the plot coordinates at the plot secondinates at the plot secondinates at the plot coordinates at the plot coordinates at the plot secondinates at the plot secondinates at the plot coordinates at the plot secondinates at	ant Sa martic Ma mison H le-A-M defoot vide G ation o urfer P box, a er place er place
C C C C C C C C C C C C C C C C C C C	CO C	EB. Ind	Multiflora Rose Common Buckthorn Tamarlayan Blackberry Other: Other: Other: Il in the Buffer Plot at the AA CENT or the Buffer Plot at the AA CENT or the Buffer Plot at the PA CENT or the Buffer Plot at the AA CENT in the "nearest practicable local real process of the nearest practicable local in the "nearest practicable local or the Buffer Plot at the AA CENT	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	Leafy Spurge Perennial Pepperweed Clant Reed Cheatgrass Common Reed Common Reed Leafy Spurge Plot (#3) at the far end of each inafes at the nearest practicable coordinates will indicate the loca sken and why in the comment as sken and why in the comment as sible or at the center of the last as the center of the last as the contractions.	COOLUMN COOLUM	O O O O O O O O O O O O O O O O O O O	s (cu	lvinia leard emlock emlock Trefoil Trefoil Trefoil the plot coordinates at the plot coordinates are the plot coordinates at the plot coordinates at the plot coordinates are the plot coordinates are coordinates at the plot coordinates are coordinates at the coordinates are coordinates are coordinates are coordinates at the coordinates are coordi	ant Sa antic Ma bison H le-A-M rdefoot ruide G ation o uffer P ts see of box, a box, a box, a
C C C C C C C C C C C C C C C C C C C	CO C	EB' Jud	Kudzu Multiflora Rose Common Buckthorn Tamarlayan Blackberry Other: Other: Other: Other: If in the Buffer Plot at the AA CENT or the Buffer Plot at the AA CENT or the Buffer Plot at the PA CENT or the Buffer Plot at the PA CENT in in the "nearest practicable local or the Buffer Plot at the PA CENT	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	Knotweed Lapanese Knotweed Perennial Pepperweed Ciant Reed Common Reed Leafy Spurge Plot (#3) at the far end of each instea at the nearest practicable Condinates will indicate the local sken and why in the comment as also and why in the comment as the local sible or at the center of the last as a sign of the local sign of the local sign of the local sign of the local sign of the last as a sign	C C C C C C C C C C C C C C C C C C C	O O O O O O O O O O O O O O O O O O O	eceletics of the control of the cont	osting Heart lvinia stard emlock Inute Weed Trefoil Trefoil fithe plot coordinates at the coordina	ater hy ant Sa antic Ma ison H le-A-M de-A-M uride G ation o urider P box, a ts are o uriter P
C C C C C C C C C C C C C C C C C C C	all B C C C C C C C C C C C C C C C C C C	EB. Ind O O O O O O O O O O O O O O O	Himalayan Blackberry Common Buckthorn Tamantak Other: Othe	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	Purple Loosestrife Lapanese Knotweed Lapanese Knotweed Giant Reed Cheatgrass Common Reed Common Reed Leafy Spurge Plot (#3) at the far end of each inates at the nearest practicable Coordinates will indicate the local sken and why in the comment sales and why in the last and why in the last and why in the comment sales and why in the comment sales and why in the last and why in the last and why in the comment sales and	One):	O O O O O O O O O O O O O O O O O O O	s (cu	Watermilfoil oating Heart lvinia luide Weed mute Weed Trefoil Trefoil Trefoil the plot coordinates at the plot coordinates are the coordinates are	antication Figure 17 Sallow Fantic Maric Maricon Harbon Harbon Harbon Harbon Harbon Wilde Gattion of Uffer Pox, a box, a
C C C C C C C C C C C C C C C C C C C	o (C)	EB. Ind	Fill bubble if present - Plot Johnson Grass Multiflora Rose Common Buckthorn Tamansk Other: Othe	3 Fiag O O O O O O O O O O O O O O O O O O O	2 O O O O O O O O O O O O O O O O O O O	1 O O O O O O O O O O O O O O O O O O O	Fill bubble if present - Plot Purple Loosestrife Japanese Knotweed Giant Reed Common Reed Common Reed Common Reed Leafy Spurge Plot (#3) at the far end of each ophiste bubble. Plot (#3) at the far end of each ophiste bubble.	3 Fisg	2 OOOSe	2 (ct) 2 (ct) 3 (ct) 4 (ct) 5 (ct) 6 (ct) 6 (ct) 6 (ct) 6 (ct) 6 (ct) 6 (ct) 7	le if present - Plot vacinth vacinth losting Heart losting Heart losting Weed mute Weed Trefoil fithe plot coordinates at the	urasian /ater hy ellow F iant Sa anic Mu nie-A-M ile-A-M nude G ation o puries place of box, a ier place
COOCO	o (C)	EB. Ind	Himalayan Blackberry Common Buckthorn Tamantak Other: Othe	e indicate 3 Fiag O O O O O O O O O O O O O O O O O O O	2 O O O O O O O O O O O O O O O O O O O	illed I	rill bubble if present - Plot Fill bubble if present - Plot Knotweed Japanese Knotweed Ciant Reed Common Reed Common Reed Leafy Spurge Leafy Spurge Plot (#3) at the far end of each instea at the nearest practicable Condinates will indicate the local coordinates will indicate the local instea at the nearest practicable instea at the nearest practicable coordinates will indicate the local sken and why in the comment at sible or at the center of the last and why in the comment at sible or at the center of the last and why in the comment at sible or at the center of the last and why in the comment at sible or at the center of the last and why in the comment at sible or at the last and why in the comment at sible or at the last and why in the comment and sible or at the last and why in the comment and sible or at the last and why in the comment and sible or at the last and why in the comment and sible or at the last and why in the comment and sible or at the last and why in the comment and sible or at the last and why in the comment and sible or at the last and why in the comment and sible or at the last and why in the comment and sible or at the last and why in the comment and sible or at the last and why in the comment and w	a bubble is separated the coord the	2 O O O O O O O O O O O O O O O O O O O	2 (ct) 4 (ct) 5 (ct) 6 (ct) 6 (ct) 6 (ct) 6 (ct) 6 (ct) 7	le if present - Plot vacinth vacinth losting Heart losting Heart losting Weed mute Weed Trefoil fithe plot coordinates at the	urseism Aster hy ellow F isnt Sa anic Mi olson H olson H ile-A-M ile-A-M ile-A-M ovide G ovide G ovide G ovide G

• Site I	n.)		n 6	0.0		~ x	FOF	RM B-1:	BUFF	EK	SAN	NPL	E PL				Reviewed by				
Location	D: P	CP	<u> </u>	<u> </u>	1 13	50			Fill	in h	ubb	le(e)	if p				sampled and		<u>, </u>		- 1
OAAC	diagram	•	M	0	2	OE	. 0	w	OP				Plot			lot 3		9		Z	_
OAAC	Jenuer			0.		O L			Buffer			100	1000						1		
Fill in bubble Strata Section	es for all th on: Fill in a	at app	oly: Ca oriate d	nopy l	Type: iass b	D = D ubble	eciduous for each	s; E = Evergre strata type fo	en. Leaf T or each plo	ype: E t, 0 = .	3 = Bro Absen	adleaf t; 1 = \$; N = N Sparse	leedle (<10%	Leaf. A	bsent: No tre derate(10-40	e canopy. %); 3 = Heavy (40-75%); 4 = V	ery He	avy (>	>75%)
Buffer	Canopy	у Тур	e: (() At	sent	: 0	Buffer	Canopy	у Тур	e: @) () Ab	sent	: O	Buffer	Canopy Type:	0	Abs	sent:	<u>: O</u>
Plot 1	Lea	f Typ	e: 🔞	(Flag	Plot 2	Lea	f Тур	e: 6	(Flag	Plot 3	Leaf Type:	Θ	Ļ		Flag
Big Trees (>	0.3m DBH)	0	0	0	9	0		Big Trees (-0.3m DBH)	0	0	0	0	0		Big Trees	(>0 3m DBH)	0	-+	0	
mall Trees (<	<0.3m DBH)	0	0	①		0		Small Trees (<0 3m DBH)	0	0	0	0	<u>O</u>			(<0,3m DBH)	0	0	<u> </u>	
Woody Shrubs (0.5m	s, Saplings -5m HIGH)	0	0	0	0	0			1-5m HIGH)	0	0	0	0	0		(0.8	ubs, Saplings 5m-5m HIGH)	0	0	0	
Woody Shrubs (<0	s, Saplings .5m HIGH)	0	9	0	0	0		Woody Shrub (<	s Saplings 0.5m HIGH)		0	0	0	0		(ubs, Saplings <0.5m HIGH)	0	0	0	
Herbs, F	orbs and Grasses	0	0	0	0	0		Herbs,	Forbs and Grasses	0	0	0	0	0		Herbs	Grasses O	0	0	0	
Bare	ground	0	0	0	0	0		Bare	ground	0	0	0	0	•		Ba	re ground 💿 🛈	0	0	0	
Lit	ter, duff	0	0	0	0	0		Li	tter, duff	0	0	①	0	0		l	Litter, duff 💿 🕦		0	<u> </u>	
	Rock	0	0	0	0	0			Rock	0	0	0	0	0			Rock 💿 🛈	0	0	0	
Vest	Water	0	0	0	0	0			Water	0	0	0	0	0			Water 💿 🕦	0	0	0	
	ubmerged /egetation		0	0	0	0			ubmerged /egetation	0	0	0	0	0			Submerged Vegetation	0	0	0	
			e/Ab	senc	e - (Confi	rm that	a filled data	bubble i	ndica	ites p	resen	ce an	d an	unfilled	bubble indi	icates absence by fi	ling thi	s bub	ble.	•
Resi	idential	and	Urb	an S	tress	sors			Hydrolo	gy S	Stres	sors					Agricultural & R	ural S	tress	sors	
Fill bubble	e if pres	ent -	Plot	1	2	3	Flag	Fill bubbl	e if prese	ent -	Plot	1	2	3	Flag	Fill bubbl	e if present - Plot	1	2	3	Flag
Road - gra	avel			0	0	0		Ditches, C	hanneliz	ation		0	0	0		Pasture/H	ау	0	0	0	
Road - tw	o lane	Type		0	0	0	T	Dike/Dam		R Bec	W.	0	0	0		Range		0	0	0	
Road - for	ur lane			0	0	0		Water Lev		ol Stri	ucture	0	0	0		Row Crop	100	0	0	0	
Parking L	ot/Paven	nent		0	0	0		Excavation	n, Dredgi	ng	10	0	0	0		ROW CROP FIE		0	0	0	
Golf Cour	se			0	0	0		Fill/Spoil E				0	0	0		SHRUBS, TR	eld (OLD - GRASS, (EES)	0	0	0	
Lawn/Par	k			0	0	0		Freshly D		Sedir	nent	0	0	0		Nursery		0	0	0	
Suburban	Resider	ntial		0	0	0		Soil Loss/	100	osure	9	0	0	0		Dairy		0	0	0	
Urban/Mu	ultifamily			0	0	0		Wall/Ripra	р			0	0	0		Orchard		0	0		-
Landfill				0	0	0		Inlets, Ou Point Sou	30.00			0	0	0		Rural Res	Animal Feeding	0	0	0	
Dumping				0	0	0		(EFFLUENT	OR STORM			0	0	0	-	Gravel Pit		0	0	0	
Trash				0	0	0		(SHEETFLO		103		10	0	0		Irrigation		0	0	0	
Other:				10	0	0		Other:		-0.41		0	0	0		Other:		0	0	0	
Other:	strial D	evel	loom	ent S	Stres	O	s	Other.					and the late		egeta	tion Stres	sors	10	[0]		328
Fill bubbl	Marie Contract	CONTRACTOR AND		1	2	3	Flag	Fill bubble	if prese	nt -	Plot	1	2	3	Flag	Fill bub	ble if present - Plo	1	2	3	Flag
Oil Drilling		J.1K -		0	0	0	9	Forest Clea			Dal	0	0	0		Herbicide		0	0	0	
Gas Wells				0	0	0		Forest Sele		,		0	0	0			hrub Cutting	0	0	0	
Mine (sur				0	0	0	•	Tree Plant			404	0	0	0		Trails		0	0	0	
Mine (und		d)		+	0			Tree Cano		огу		0	0	0		Soil Comp		0	0	0	
	, anground	-,	1988	0	-	0		(INSECT) Shrub Laye		ed		100	0	0		(ANIMAL OR	hicle damage	0	0	0	
Military				0	0	0		(WILD OR DO Highly Gra	MESTIC)			9	+	0		Soil erosio	IN (FROM WIND, WATER	-	0	0	
Other:				0	0	0		(OVERALL <3 Recently B	HIGH)		i uta	0	0			OR OVERUS	E)	0	0	0	
Other:			_7	0	0	0		Canopy Recently B			nd	0	0	0			***************************************	100		0	-
Other:		_		0	0	0		(BLACKENED)			0	0	0	<u> </u>	Other:		0	0	-	181
	Rag codes Buffer Sa					Exp	lain all	luspect mea: flags in comi	nent secti	on on	the b	ack of	this fo	om om	.y.rou D	y ozon noid	24	2816	8304		

## Comments Particle Position Part Part Particle Partic	Multiflora Rose Multiflora Rose Common Buckthorn Tamarisk Other: Other: Other: Cother: Lill in the "nesrest practicable ordinates of the nearest practical	C C C C C C C C C C C C C C C C C C C	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	Purple Loosestrife Knotweed Japanese Knotweed Ciant Reed Common Reed Common Reed Common Reed Common Reed Plot (#3) at the far end of each phase bubble. Plot (#3) at the far end of each sible or at the center of the location of the locatio	O E3 o E3 e coordi e Sphre c g sphre c g sphre c g sphre c g sphre	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	T Watermilfoil Joating Heart Joating Heart Jemlock Jinute Weed Trefoil Thistle Centered on the Buff and describe where 1 centered on the Buff and describe where 1 condinates at the Continate Coordinates at the Continate Coordinates at the Continate John of coordinate Coordinates at the Continate Coordinates at the Coordinate Coordinates at the Coordinates Coordinates at the	Eurasian Water h Yellow F Ganic M Poison I Poison I Birdsfoo Canada Provide (Canada Provide (Canada
Water hyacinth Heard O O Channon Reed O O Common Burkers on the Burker special Burker on the Burker of the Burker Floor (#3) at the center of the Burker Floor of the	Kudzu Common Buckthom Tamarisk Other: Other: Other: Other: Other: Other: Other: Le TRANSECT. This is import ordinates of the nearest practicable ordinates of the nearest practicable L.	COORDINATION (Need Infer Plot	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	Knotweed Japanese Knotweed Ciant Reed Ciant Reed Common Reed Common Reed Plot (#3) at the far end of each phate bubble. Plot (#3) at the far end of each sible or at the center of the last sken and why in the comment a sken and why in the comment s aken and why in the comment s also at the nearest practicable phate bubble. O W3	D E3 Bourter to see as bose as bose to see	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	yacinth Joating Heart Jinute Weed Thistle Joh 3 can not be accepted on the Bult Thistle Joh 3 can not be accepted on the Bult Thistle Joh 3 can not be accepted on the Bult Thistle Joh 3 can not be accepted on the Bult Thistle Joh 3 can not be accepted on the Bult Thistle Joh 3 can not be accepted on the Bult Thistle Joh 3 can not be accepted on the Bult Thistle Joh 3 can not be accepted on the Bult Thistle Joh 3 can not be accepted on the Bult Thistle Joh 3 can not be accepted on the accepted on the Bult Thistle Joh 3 can not be accepted on the Bult Thistle Joh 3 can not be accepted on the Bult Thistle Joh 3 can not be accepted on the Bult Thistle Joh 3 can not be accepted on the Bult Thistle Joh 3 can not be accepted on the Bult Thistle	Water h Yellow F Glant Sa Garlic M Poison I Mile-A-M Mile-A-M Canada Canada Provide (Canada Potos are Potos are Potos are Buffer I Buffer pla
Vellow Flosting Heart O O Jepanese Knohweed O O O Multiflora Rose O O O Sciant Beach Schrolweed O O O O Common Buckthom O O O Description O O O Grant Reed O O O O O O O O O O O O O O O O O O	Multiflora Rose Common Buckthorn Tamarisk Other: Other: Other: Other: Lili in the "nesrest practicable ordinates of the nearest practical	C C C C C C C C C C C C C C C C C C C	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	Japanese Knotweed Ciant Reed Ciant Reed Common Reed Common Reed Common Reed Plot (#3) at the far end of each phate bubble. Condinates will indicate the location and why in the comment a sken and why in the comment a	D E3 Bourter to see as bose as bose to see	OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	iloating Heart lemlock limite Weed limite	Yellow F Ciant Sa Cartic M Poison I Birdsfoo Canada Provide C Canada Provide C Provide C Canada Post are Plots are Plots are Plots are Canada
Carlic Muestard Carlic	Common Buckthorn Tamarisk Other: Other: Other: Other: LE TRANSECT. This is import or the Buffer Plot at the AA C	() () () () () () () () () () () () () (O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	Perennial Pepperweed Ciant Reed Cheatgrass Reed Canary Grass Common Reed Leafy Spurge Plot (#3) at the far end of each phaste bubble. Scoordinates will indicate the locale at the nearest practicable also and why in the comment a sken and why in the last and why in the comment a sken and why in the comment and why in the	D E3 Bourter to see as bose as bose to see	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO	livinia lemlock limute Weed Thistle Plot 3 can not be accepted on the Bulf and describe where to the Bult and describe where to the Condinate at the Bulf and describe where to the Condinate at the Bulf and describe where to the Condinate at the Bulf and describe where to the Condinate at the Bulf and describe where to the Condinate at the Bulf and describe where to the Condinate at the Bulf and describe where the Bulf and describe where the Condinate at the Bulf and describe where the Bulf and describe where the Condinate at the Bulf and describe where the Condinate at the Bulf and describe where the Bulf a	Giant Sa Ganic M Poison P Mile-A-M Birdsfoo Canada Provide (Postine P Pots are 18 Uffer pla 19 box, 19 box, 10 box, 1
Coarlic Musishing Weed O Cire in Reed Continuents of the	Himalayan Blackberry Tamarisk Other: Other: Other: Other: In in the Buffer Plot at the AA (Fill in the "nearest practicable ordinates of the nearest practicable ordinates of the nearest practicable in the "nearest practicable ordinates of the nearest practical ordinates or the nearest practical ordinates of the nearest practical ordinates or the	() () () () () () () () () () () () () (O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	Ciant Reed Cheatgrass Reed Canary Grass Common Reed Leafy Spurge Plot (#3) at the far end of each priate bubble. Scordinates will indicate the locale or at the comment a sken and why in the sken and why in	D E3 Bourter to see as bose as bose to see	OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	linute Weed Intrictory Trefoil Tristle PS coordinates at the plot coordinates at the plot coordinates at the plot coordinate condinate at the plot 3 can not be accepted on the Buff and describe where the condinate at the plot 3 can not be accepted as a close to the condinate at the plot 3 can not be accepted as a close to the condinate at the plot of the coordinate at the coordinate	Garlic M Poison I Mile-A-M Birdsfoo Ganada Canada Frovide (Fooride (Foorid
PLOT COORDINATES Nile-A-Minute Weed O O O Read Canary Grass O O O Theatgras O O O Other: Canada Thistile O O O Read Canary Grass O O O Other: Canada Thistile O O O Reader of the Buffer Plot S as possible or at the center of the last accessible Buffer Plot S can not be accessed, take the coordinates of the center of the last accessible Buffer Plot S can not be accessed, take the coordinates of the senter of Plot S as the center of the last accessible Buffer Plot S can not be accessed, take the coordinates of the nearest practicable location of the TRANSECT. This is important because all Buffer Plot S can not be accessed, take the coordinates of the nearest practicable location of the TRANSECT. This is important because all Buffer Plot S can not be accessed, take the coordinates of the fast accessible Buffer Plot S can not be accessed, take the coordinates at the nearest practicable location of the TRANSECT. This is important because all Buffer Plot S can not be accessed, take the coordinates at the nearest practicable location of the TRANSECT. This is important because all Buffer Plot S can not be accessed, take the coordinates at the nearest practicable location of the TRANSECT. This is important because all Buffer Plot S can not be accessed, take the coordinates at the nearest practicable location of the TRANSECT. This is important because all Buffer Plot S can not be accessed, take the coordinates at the nearest practicable location of the TRANSECT. This is important because all Buffer Plot S can not be accessed, take the coordinates at the nearest practicable location of the TRANSECT. This is important because all Buffer Plot S can not be accessed, take the coordinates at the canner of the Buffer Plot S Could TRE TRANSECT. The support of the Plot S Could TRE TRANSECT. The support of the Plot S Could TRE TRANSECT. The support of the Plot S Could TRE TRANSECT. The support of the Plot S Could TRE TRANSECT. The S Could TRE TRANSECT.	Tamarisk Other: Other: Other: Other: In the Buffer Plot at the AA Continuite of the nearest practicable administes of the nearest practicable to the Buffer Plot at the AA Continuite of the nearest practicable and the meanest practicable and the practicable and the practicable and the practicable and the second practicable and the practicable an	() () () () () () () () () () () () () (O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	Cheatgrass Reed Canary Grass Common Reed Leafy Spurge Plot (#3) at the far end of each phase bubble. coordinates will indicate the local aken and why in the comment a sible or at the center of the last	D E3 Bourter to see as bose as bose to see	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	femlock Thistle Thistle Toondinates at the plot coordinate weed as close to the But and describe where to the condinate at the But and describe where to the condinate at the But and describe where to the condinate at the But and describe where to the condinate at the But and describe where to the condinate at the But and describe where the	Poison I Birdsfoo Canada Canada Pots are 1 Buffer f 1905s are 1905s are 1905s are 1905s are 1905s are 1905s are 1905s are 1905s are
Mile-A-Minute Weed O O O Read Canary Grass O O O Other: Canada Thistle O O O Common Reed O O O Other: Canada Thistle O O O Common Reed O O O Other: Canada Thistle O O O Common Reed O O O Other: Canada Thistle O O O Common Reed O O O Other: Coordinates at the center of the Buffer Plot (#3) at the far end of each Buffer Transect and for the Buffer Plot at the AA CENTER. Indicate the coordinates at the center of the late condinates at the enserst practicable location RLONG THE TRANSECT. This is important because all Buffer Plot. Coordinates at the center of the Buffer Plot (#3) at the far end of each Buffer Transect and for the Buffer Plot at the Center of the Buffer Plot (#3) at the far end of each Buffer Transect. Fill in the "nearest practicable location of the Buffer Plot. Coordinates at the center of the Buffer Plot (#3) at the far end of each Buffer Transect and the nearest practicable location of the Buffer Plot. Coordinates at the center of the Buffer Plot (#3) at the far end of each Buffer Transect and the nearest practicable location of the Buffer Plot. Coordinates at the continates at the enserst practicable location (flag and comment below) Coordinates at the continates and the condinates and the canada the practicable location of the Buffer Plot. Coordinates (A3) at the far end of each Buffer Transect. Fill in the "nearest practicable location of the Buffer Plot. Coordinates and the page of the practicable of the Buffer Plot. Coordinates and the condinates and the condinates and the canada by the transect. Fill in the "nearest practicable location of the Buffer Plot. Coordinates and the condinates and the condinates and the canada by the transect. Fill in the PA CENTER. Indicate the Coordinates and the condinates and the canada by the the Coordinates and the condinates and the canada by the Carada and the canada by the Carada and the Coordinates and the condinates and the canada and the Coordinates and the condinates and the canada and the Coordinates and the canada and the Coordinates a	Other: Other: Other: Other: Other: Other: In the Buffer Plot at the AA (or the Buffer Plot at the AA (or the nearest practicable ordinates of the nearest practicable the comment below)	ONG THE The Coolumb (filter Plots)	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	Reed Canary Grass Common Reed Leafy Spurge Plot (#3) at the far end of each nates at the nearest practicable. Scordinates will indicate the local act and why in the comment a sen and why in the comment and why in the comm	D E3 Bourter to see as bose as bose to see	O O thought of the thin the th	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	Triefoil Thistle PS coordinates at the plot coordinates at the Buff and describe where but and describe where to the condinate as close to the coordinate at the Buff and describe where the plot 3 can not be accounted as close to the coordinate at the coordinate	Birdsfoo Canada Provide (Ocalion of Buffer f Buffer pla Locat Locat
Sinada Thistle O O O Common Read O O O Other: O O O Other O O O O O Other O O O O O O O O O O O O O O O O O O O	Other: Other: Other: Other:	ONG THE The Coolumbert. F The Coolumber Coolum	COOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO	CANICATION OF THE PROPERTY OF	Common Reed Leafy Spurge Plot (#3) at the far end of each sible or at the comment sible or at the comment sible or at the center of the last of the local sible or at the comment sible or at the comment sible or at the comment sible or at the center of the last of the la	D E3 Bourter to see as bose as bose to see	O thought of the three of the three of the three	O O O O O O O O O O O O O O O O O O O	O (c)	Thistle SPS coordinates at the plot coordinate condinate but the plot coordinate condinate condinate cod as close to the coordinate cod as close to the condinate cod as close to the coordinate cod as coordinate coordinat	Canada Ocalion of Buffer I Buffer I Buffer I Buffer I Buffer I Bot, are ligher pla
Consider Thistle O O Leafy Spurge Other: O O O Leafy Spurge O O O Description of the Buffer Plot (#3) at the far end of each Buffer Transect and for the Buffer Plot 3 at the ACENTER. Out O O O O O O O O O O O O O O O O O O	Other: The Buffer Plot at the AA (This is importing in the "nearest practicable ordinates of the nearest practicable to the practicable of the nearest practicable ordinates of the nearest practical pract	Sect and forms of the sect. Fig. The cool (filer Plot) in the cool in the cool in the cool in the sect. First sect. First sect. First sect. First sect. First sect.	Transe on ALC on ALC the tra below. sible Bu	Buffer Bu	PLOT COORE Plot (#3) at the far end of each nates at the nearest practicable coordinates will indicate the localen and why in the comment a sible or at the comment sible or at the center of the last of the last nates and why in the comment is the or at the comment is not	D E3 Bourter to see as bose as bose to see	of the of the of the	printer of the printe	he ce by i	PS coordinates at the plot coordinates at the plot coordinate condinate and describe where to the coordinate cod as close to the coordinate to the coordinat	Provide (Docation of Buffer I Buffer pla Locat Locat
PLOT COORDINATES Purity of GPS coordinates at the center of the Buffer Plot (#3) at the far end of each Buffer Transect and for the Buffer Plot (#3) at the far end of each Buffer Plot (#3) at the center of the plot coordinates by filling in the appropriate bubble. Buffer Plot 3 can not be accessed, take the coordinates were taken and why in the comment section below. The coordinates of the center of Plot 3 as possible or at the center of the last accessible Buffer Plot. Cocation of coordinates (choose one): Leatifude North (4) . Ling 1 6.8 Mearest practicable location follow. The coordinates of the nearest practicable location can be lead to the Coordinates were taken and why in the comment section below. The coordinates of the center of Plot 3 as possible or at the center of the last accessible Buffer Plot. Cocation of coordinates were taken and why in the comment section below. The coordinates of the nearest practicable location below. The condinates of the nearest practicable location can be box, and describe where the coordinates were taken and why in the comment section below. The coordinates of the nearest practicable location can be box, and describe where the condinates were taken and why in the comment section below. The coordinates of the nearest practicable location below. The condinates of the nearest practicable location below. The condinates of the nearest practicable location below. The condinates were taken to the condinate of the coordinates when the coordinates and the c	for the Buffer Plot at the AA (ETRANSECT. This is import ill in the "nearest practicable ordinates of the nearest pract L. g and comment below)	ONG THE The coo iffer Plots from (flag	on ALC f the tra f the tra f the tra below. sible Bu	Buffer bocati	Plot (#3) at the far end of each phaste bubble. Toordinates will indicate the locale and why in the comment a sible or at the center of the last lible or at the center of the last library.	O E3 ue): se boss uu q que que e coouqi	in the color of th	esne esne olibroo of P Soor	sessective contents services contents conte	olot 3 can not be acc centered on the Buff and describe where to ced as close to the co ced as close to the co centered on the condinate	f Buffer I Slots are lag box, iffher pla
Purity of the purity in the surfer Piot (#3) at the far end of each Buffer Transect and for the Buffer Piot at the A CENTER. Indicate the condinates at the center of the Buffer Piot 3 set occurrence on the piot coordinates by filling in the appropriate but a condinate will indicate the location of the processed. Transects and the condinates will indicate the location of the transect. Fill in the "nearest practicable location of the transect. Fill in the "nearest practicable location as be supported by an order of the center of the cardinates will indicate the location of the transect. Fill in the "nearest practicable location as be supported by an order of the center of the cardinates will indicate the location of the transect. Fill in the "nearest practicable location can be suffer placed as close to the center of the cardinates will indicate the comment section below. The coordinates were taken and why in the comment section below. The coordinates were taken and why in the comment section below. The coordinates one one): Latitude North L. L. T. T. G. W. L. T. T. G. W. L. C. D. W. L. L. T. T. G. W. L. L. T. T. T. G. W. L. L. T. T. T. G. W. L. L. T. T. T. G. W. L. L. T.	E TRANSECT. This is import Fill in the "nearest practicable indinates of the nearest pract.". g and comment below)	ONG THE The coo iffer Plots from (flag	on ALC f the tra f the tra f the tra below. sible Bu	Buffer bocati	Plot (#3) at the far end of each phaste bubble. Toordinates will indicate the locale and why in the comment a sible or at the center of the last lible or at the center of the last library.	O E3 ue): se boss uu q que que e coouqi	in the color of th	esne esne olibroo of P Soor	sessective contents services contents conte	olot 3 can not be acc centered on the Buff and describe where to ced as close to the co ced as close to the co centered on the condinate	Buffer I Buffer Dacks are lither pla
Leading of the prior coordinates by mining in the appropriate business to the center of the last accessible Buffer Plot. Location of the prior coordinates were state or the center of the last accessible Buffer Plot. Location of coordinates were states and the coordinates are the center of the last accessible Buffer Plot. Location of coordinates (choose one): Latifude North Growing the condinates were states and the center of the last accessible Buffer Plot. Location of coordinates were states and with in the comment section helow. The coordinates of the nearest practicable location can be always and continates of the nearest practicable location can be always and continates of the center of Plot. Latifude North Growing the coordinates were states and the condinates and the coordinates are states and the condinates and the condinates are states and the condinates and the condinates are states and the condinates and the condinates are states and the condinates are states and the condinates are states and the condinates and the condinates are states and the condinates are states and the condinates and the condinates and the condinates are states and the condinates are states and the condinates are states and the condinates and the condinat	E TRANSECT. This is import Fill in the "nearest practicable indinates of the nearest pract.". g and comment below)	ONG THE The coo iffer Plots from (flag	on ALC fithe tra below. sible Bur e locat	locati ation o section access ticabl	nates at the nearest practicable coordinates will indicate the local sken and why in the comment sible or at the center of the last of W3 Water of the last of W4	O E3 ue): se boss uu q que que e coouqi	in the color of th	esne esne olibroo of P Soor	sessective contents services contents conte	olot 3 can not be acc centered on the Buff and describe where to ced as close to the co ced as close to the co centered on the condinate	Buffer I Buffer Place age box, if her place plac
Tiag Comments Liag Comments Duffer plat 1 an edge of road - some of Bit it lends off of park Suffer plat 3 could not be sampled by it lends off of park Suffer plat 3 could not be sampled by the sampled Suffer plat 3 could park by sampled	J. 5.8 . 1.8.0					[h]·		ਰ	loup		Fla9
Duffer plot 3 could not be sampled by: It winds out of park Property Suffer plot 3 could not be sampled by: It winds out of park Suffer plot 3 could not be sampled by: It winds out of park Suffer plot 3 could not be sampled										Comments	Flag
2 Buffer plot 3 could not be sampled by it kinds off of part							_				
property Supports Dianest practicle location ble buffer plot 3 could not be sampled		١			0		0	2	40	35 - 2	Z
4PS pts tolen at Butter plot the 2										Strobert .	
	-6	7 40	+ 40	যাব	of Butter	w	70	4	5.	td Sdh	
		,									

CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet	/ Assessment Progra	m - Background Data	Sheet				(A) Cloveland Motroparks	erke
Project Label:	PCAP	Project Name:				Plot No.:	Page 2 of	of 2
CLASSIFICATION		STAND SIZE	DISTU	DISTURBANCES	Т			
(FIT = excellent, good, fair, poor; CONF = high, med, low)	Fit and Confidence	n > 1,000 x plot size	type*	severity**	yrs ago	% of plot	description	
Hydrogeomorphic class (WETLANDS ONLY):		a > 100 x plot size	Human					
o DEPRESSION	File Confe	□ 10-100 x plot size	Natural					
o iMPOUNDMENT o Beaver o Human	Fir Conf	a 3-10 x plot size	Fire					
o RIVERINE o Headwater o Mainstem o Channel	FileConfe	□ 1-3 x plot size	Cut					
□ SLOPE (ground water hydrology or on a physical slope)	Fir Conf	a < plot size	Animal					
o FRINGING o Reservoir o Natural Lake	FileConf=	DRAINAGE*	Other					
п COASTAL (specify subclass)	Fir Conf	□ Excessively drained	**L=low,	ML=med low	, M=med,	MH=med	**L=low, ML=med low, M=med, MH=med high, H=high, VH=very high	
 BOG (strongly, moderately, weekly ombrotrophic) 	Fit= Conf=	□ Somewhat excessively	Current	Current Land Use:				
Ohio EPA VIBI Plant Community Class (WETLANDS ONLY):	<u> NLY):</u>	□ Well drained	Former I	Former Land Use:				
n FOREST is swamp forest in bog forest in forest seep	Fir Conf=	□ Moderately well dr.	HYDR(HYDROLOGIC REGIME*	EGIME	*		
□ EMERGENT □ marsh □ wet meadow □ open bog	Fir Conf	□ Somewhat poorly dr.	o Upland	Upland (seldom flooded)	ed)		a Intermittently flooded	
o SHRUB o shrub swamp o tall sh. bog o tall sh. fen	Fit= Conf=	a Very poorly dr.	o Intermit	 □ Intermittently/seasonally saturated 	Ily saturate	pa	D Semipermanently flooded	
MODIFIED NATURESERVE CLASS*		□ Impermeable surface	(seldon	(seldom flooded)			□ Permanently flooded	
CODE (on separate form):	Fil=Conf=	SALINITY*	o Perman	□ Permanently/Semipermanent. saturated	nanent. sa	turated	☐ Tidal/Seiche flooded daily	
COMMUNITY NAME:		c Saltwater	(dry <1	(dry <1/yr, seldom flooded)	(papo		☐ Tidal/Seiche flooded monthly	
		D Brackish	n Occasio	□ Occasionally flooded (<1/yr)	(<1/yr)		□ Tidal/Seiche flooded irregular	
LANDFORM TYPE*:		o Fresh	n Tempor	□ Temporarily flooded			(e.g. wind, storns)	
		ा Upland (n/a)					a Unknown	
HOMOGENEITY	Additional notes & diag	Additional notes & diagrams: (Representativeness of plot to the stand, successional status, maturity, etc.)	f plot to tl	ne stand, succe	ssional sta	itus, matur	ity, etc.)	
n Homogeneous								
 Compositional trend across the plot 								
□ Conspicuous inclusions								
□ Irregular/pattern mosaic								
	1							

Park at Dot Park, Next to Treatment Plant

Account Actual	2008	
Actual	2009	
Budget	2010	
Over/Adjs	Carry	
Date	2010 Year to	
Proposed	2011	
Budget	2011	

N er's Signature

Data