	А	В	С	CK	CL	СМ	CN	CO	CP	CQ	CR	CS	CT	CU	CV	CW	CX	CY	CZ	DA	DB	DC	DD	DE	DF	DG	DH	DI	DJ	DK	DL	Л
1			According to Area	86	87	88	89	90	91	92a-b	93a-b	94	95	96	97	98	99	100a-b	101	102	103a-b	104a-b	105	106	107	108	109	110	111	112	113	3
1 207			nhosphorus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+
207			nitrate or ammonia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+
			toxics, dioxin, heavy metals (iron, manganese, lead, zinc,	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
209			etc.)																											<u> </u>	\vdash	\downarrow
210			temperature	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	+
211	D42	Type of Outflow Connection to 303d	None of above, or no data.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1			4
212	D42	Type of Outflow Connection to 3030	303d water mentioned above:																													
			for 9 or more continuous months annually (persistent wate	r O	0	0	1	1	0	0	1	1	1	1	1	0	1	0	0	0	1	0	1	1	1	0	0	0	0	0	0	
213			intermittently (at least once annually, but for less than 9	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	╉
214			months continually)		·	Ů	Ű	Ŭ	Ű	Ŭ	Ŭ	Ŭ	Ű	Ŭ	Ŭ	Ű	Ű	Ū	Ů		Ŭ	Ű	Ŭ	Ŭ	Ŭ	Ű	Ű	Ŭ	Ũ	Ŭ	Ű	
215			Not connected, or connected less than annually	0	0	1	0	0	1	1	0	0	0	0	0	1	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0	4
216	D43	Drinking Water Source (DEQ)	According to the ODEQ Lasar database, the AA is within:																													
210			the source area for a surface water (SW) drinking water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	+
217			source	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
210			the source area for a groundwater (GW) drinking water	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
218			Neither of above	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	┥
220	D44	Groundwater Risk Designations	The AA is (select all that apply):			Ť	Ť																									1
		J	within a designated Groundwater Management Area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	t
			(ODEQ):																											1		
221			http://www.deq.state.or.us/WQ/groundwater/docs/mapgwm	1																												
221			within a designated Sole Source Aquifer area (EPA): the	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+
222			North Florence Dunal Aquifer	0	ľ	ľ	ľ	ľ	ľ	Ů	Ŭ	ľ	ľ	ľ	ľ	ľ	Ŭ	0	Ů	0	Ū	Ű	ľ	Ŭ	Ŭ	Ŭ	Ŭ	Ŭ	0	ľ	ľ	
223			NONE of above	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	D45	Mean Annual Precipitation	According to the PRISM Data Explorer, annual																													Τ
224			precipitation in the vicinity has normally been:	_																											\bot	
225			<10 inches per year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
226			10-12 inches per year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+
227			20.47 inches per year	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
229			48-77 inches per year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	٦
230			>77 inches per year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	D46	County Rank for Phosphorus Loading	The phosphorus loading rank of the county in which the																													Τ
			AA is located is: (select one); see Table 6 in WQprob																											Í		
231			worksheet)		0	0					0						0	0		0	0	0		0	0	0	0	0	0		<u> </u>	+
232			top 4 in Oregon (Marion, Maineur, Omalilia, Linn) top 18 (see Table 6 in WOprob worksbeet)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+
234			bottom 18 (see Table 6 in WQprob worksheet)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
235			bottom 4 (Josephine, Hood River, Lincoln, Clatsop)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Т
	D47	County Rank for Nitrogen Loading	The nitrogen loading rank of the county in which the AA is				İ	1	1	1	İ		İ										İ	1								1
			located is: (select one; see Table 7 in WQprob worksheet)																											1		
236				-									_			_		^		^	_		_						^		<u> </u>	\downarrow
231			top 4 in Oregon (Marion, Maiheur, Umatilia, Linn)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+
239			bottom 18 (see Table 7 in WQprob worksheet)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
240			bottom 4 (Curry, Josephine, Lincoln, Clatsop)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	D48	Estuarine Position	The AA's relative position in the estuary is (SKIP if																													đ
241			nontidal):																													1
			lower 1/3 (often on a bay and distant from the head-of-tide	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
242			or a major river; includes most saline tidal wetlands)																											1		
243			mid 1/3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	╡
			upper 1/3 (near the head-of-tide of a major river; includes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
244			most brackish and fresh tidal wetlands)	_																												
[D49	Salinity	The usual maximum water-surface salinity during high tide																													
245			in summer in the main channel or bay closest to the AA is																													
245			(JNIP II NONIIOAI):	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		4
240			5-30 ppt (mesohaline, polyhaline)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	┥
248			0.5 - 5 ppt (oligonaline)	0	0	0	0	Ő	0	Ő	0	Ő	Ő	Ő	Ő	0	0	0	0	0	0	0	Ő	Ő	Ő	0	Ő	0	0	0	0	+
249			<0.5 ppt (fresh)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
[]			no data for nearby locations found at the ODEQ LASAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ſ
250			web site or from other sources																											1		



	Assessment Area	1	2 3	4	5	6a-b	7	8	9	10	11 1	2 13a	d 14	15	16	17	18	19 2	0 21	1 22	23	24	25 2	6a-b 27a-	28a-b	29а-с	30	31	32 33	3 3	4 35	36	37	38 39	40) 41	42	43а-ғ	e 44	45	46
F1 Presence of Specific	Does the AA contain, or is it part of, any of these wetland types? Mark *1* next to all that apply.	NV	NW	/ W	W	W	W١	W١	w١	W١	N V	/ W	/ W	W	/ W	W	W١	WV	VV	V W	/ W	W	W١	WW	W	W	W	W١	NV	VV	V W	W	W	WW	/ W	/ W	/ W	/ W	W	W	W
Wetland Types	Tidal wetland: receives tidal water at least once during a normal year, regardless of salinity, and dominated by emergent or woody vegetation.	0	0 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0 0) 0	0	0	0	0	0 0	0	0	0	0	0 0	0	0 0	0	0	0 0	0	0	0	0	0	0	0
51.1	Lacustrine wetland: an undiked non-tidal wetland bordering a body of standing open water that is >20 acres.	0	0 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0 0) 0	0	0	0	0	0 0	0	0	0	0	0 0	0	0 0	0	0	0 0	0	0	0	0	0	0	0
	Fringe wetland: an undiked "shoreline" wetland bordering persistent open water that is >3 times wider than the wetland (includes most tidal, lacustrine, large riverine, some others).	0 (0 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0 0) 0	0	0	0	0	0 0	0	0	0	0	0 0	0) ()	0	0	0 0	0	0	0	0	0	0	0
E2 Wotland	NONE of above	1	1 1	1	1	1	1	1	1	1	1 1	1	1	1	1	1	1	1 1		1	1	1	1	1 1	1	1	1	1	1 1	1	1 1	1	1	1 1	1	1		<u></u>			1
Type of Conservation	Type" reported for the general vicinity by the Oregon Explorer web site, but be aware that those may not apply to the exact AA you have delimited.	NV	NW	/ W	W	W	W	W۱	w	W۱	w v		/ W	W	W	W	W	WV	V	VW	W	W	W	w	W	W	W	W	NV	V	v	W	W	ww	/ /		W	W	W	W	W
Concern	Bog or Fen: contains a sponge-like organic soil layer which covers most of the AA AND often has extensive cover of sedges and/or broad-leaved evergreen shrubs (e.g., Ledum). Often lacks tributaries, being fed mainly by groundwater and/or direct precipitations	0	0 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0 0) 0	0	0	0	0	0 0	0	0	0	0	0 0	0	0 0	0	0	0 0	0	0	0	0	0	0	0
	Plays, Salt Flat, or Alkaline Lake: a non-tidal ponded water body usually having saline (salinity >1 ppt or conductivity >1000 µS) or alkaline (conductivity >2000 µS and pH >9) conditions and large seasonal water level fluctuations (if inputs-	0	0 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0 0) 0	0	0	0	0	0 0	0	0	0	0	0 0	0	0 0	0	0	0 0	0	0	0	0	0	0	0
	outputs unregulated), If a playa or salt flat, vegetation cover is sparse and plants typical of saline or alkaline conditions (e.g., Distichlis, Atriplex) are common.																																								
	Hot spring (anywhere in Oregon): a wetland where discharging groundwater in summer is >10 degrees (F) warmer than the expected water temperature.	0	0 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0 () 0	0	0	0	0	0 0	0	0	0	0	0 0	0	0 0	0	0	0 0	0	0	0	0	0	0	0
	Native wet prairie (west of the Cascade crest): a seasonally inundated wetland, usually without a naturally-occurring inlet or outlet, and dominated primarily by graminoids often including species in column E.	0	0 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0 0	0 0	0	0	0	0	0 0	0	0	0	0	0 0	0	0 0	0	0	0 0	0	0	0	0	0	0	0
	Vernal pool (Willamette Valley): a seasonally inundated wetland, underlain by hardpan or claypan, with hummocky micro- relief, usually without a naturally-occurring inlet or outlet, and with plant species distinctly different from those in slighly higher areas, and often including species in column E.	0	0 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0 0	0 0	0	0	0	0	0 0	0	0	0	0	0 0	0 0	0 0	0	0	0 0	0	0	0	0	0	0	0
	Vernal pool (Medford area): a seasonally inundated acidic wetland, underlain by hardpan, with hummocky micro-relief, usually without a naturally-occurring inlet or outlet, and having concentric rings of similar vegetation, often including species in column F	0	0 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0 0	0 0	0	0	0	0	0 0	0	0	0	0	0 0	0 0	0 0	0	0	0 0	0	0	0	0	0	0	0
	Vernal pool (Modoc basalt & Columbia Plateau): a seasonally inundated wetland, usually without a naturally-occurring inlet	0	0 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0 0) 0	0	0	0	0	0 0	0	0	0	0	0 0	0	0 0	0	0	0 0	0	0	0	0	0	0	0
	Interdunal wetland (Coastal ecoregion): a seasonally inundated wetland, usually without a naturally-occurring inlet or outlet, located between sand dunes where wind has scoured the sand down to the water table (deflation plain), and often	0	0 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0 0) 0	0	0	0	0	0 0	0	0	0	0	0 0	0 0	0 0	0	0	0 0	0	0	0	0	0	0	0
	with significant cover of species in column E.																																								
	Mature forested wetland (anywhere): a wetland in which mean diameter of trees (d.b.h., FACW and FAC species only) exceeds 18 inches, and/or the average age of trees exceeds 80 years, or there are >5 trees/acre with diameter >32 inches.	0	0 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0 0	0 0	0	0	0	0	0 0	0	0	0	0	0 0		0 0	0	0	0 0	0	0	0	0	0	0	0
	Ultramafic soil wetland (mainly southwestern Oregon): a low-elevation wetland, usually with a sponge-like organic soil layer, occurring in an area with exposed serpentine or peridotite rock, and/or in soils with very low Ca:Mg ratios.	0	0 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0 (0 0	0	0	0	0	0 0	0	0	0	0	0 0	0 0	0 0	0	0	0 0	0	0	0	0	0	0	0
	Wooded tidal wetlands with >30% cover of trees and shrubs. A wetland inundated at least once annually by tides and offen dominated by woody plant species.	0	0 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0 () 0	0	0	0	0	0 0	0	0	0	0	0 0	0	0 0	0	0	0 0	0	0	0	0	0	0	0
	Undiked tidal freshwater wetland: an emergent or wooded wetland inundated at least once annually by tides and with surface salinity <0.5 ppt during most of spring and summer, and which has never been diked.	0	0 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0 () 0	0	0	0	0	0 0	0	0	0	0	0 0	0) 0	0	0	0 0	0	0	0	0	0	0	0
F3 Low Marsh	The percent of the vegetated part of the AA that is "low marsh" (covered by tidal water for part of almost every day) is:																					1						1													
	>95% of the AA	0 (0 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0 0		0	0	0	0	0 0	0	0	0	0	0 0	0	0 (0	0	0 0	0	0	0	0	0	0	0
	25-50% of the AA ()	0 0	0 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0 0		0	0	0	0	0 0	0	0	0	0	0 0	0) 0	0	0	0 0	0	0	0	0	0	0	0
	1-25% of the AA (hish moreh anth)	0 (0 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0 0) 0	0	0	0	0	0 0	0	0	0	0	0 0	0) ()	0	0	0 0	0	0	0	0	0	0	0
F4 Tidal-	AA is (select one):	NN	NN	/ w	Ŵ	Ŵ	Ŵ	Ŵ	Ŵ	Ŵ	NV	1 1	/ W	Ŵ	Ŵ	Ŵ	Ŵ	wv	v v	vŴ	Ŵ	W	Ŵ	ww	Ŵ	Ŵ	Ŵ	Ŵ	NV	vv	vw	Ŵ	Ŵ	ww	/ 0	/ w	/ <u>w</u>	ı w	Ŵ	w	W
Nontidal Hydroconnec	contiguous to a non-tidal palustrine wetland that contains surface water at least seasonally, and mostly not separated by a	0	0 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0 0		0	0	0	0	0 0	0	0	0	0	0 0			0	0	0 0	0	0	0	0	0	0	0
tivity	dike or other barrier, allowing fish access to both wetlands during spring. contiguous to a non-tidal palustrine wetland that contains surface water at least seasonally, but mostly separated by a dike	0	0 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0 () 0	0	0	0	0	0 0	0	0	0	0	0 0	0	0 0	0	0	0 0	0	0	0	0	0	0	0
	or other barrier, yet still allowing fish access to both wetlands during spring. not contiguous to a non-tidal palustrine wetland that contains surface water, but has an inflowing stream that allows fish	0	0 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0 0) 0	0	0	0	0	0 0	0	0	0	0	0 0		0 0	0	0	0 0	0	0	0	0	0	0	0
	during the springtime to access a non-tidal wetland < 1 mile upstream.	0	0 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0 0) 0	0	0	0	0	0 0	0	0	0	0	0 0) 0	0	0	0 0	0	0	0	0	0	0	0
	during the springtime to access a non-tidal weltand > 1 mile upstream. not contiguous to a non-tidal palustrine weltand, and lacks an inflowing non-tidal stream that provides fish access to an	0	0 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0 0) 0	0	0	0	0	0 0	0	0	0	0	0 0	0) 0	0	0	0 0	0	0	0	0	0	0	0
E5 Interannual	upstream wetland that contains surface water at least seasonally.			_	$\left \right $							_		_				_	_	_					_												—		+		
Water Dynamics	throughout the last 5 years most of the AA has been constantly covered with surface water, except for one period (of <6 continuous months) when most of the AA went dry (lacked surface water, due to drawdown, drought, etc.).	0 (0 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0 0	0 0	0	0	0	0	0 0	0	0	0	0	0 0	0	0 0	0	0	0 0	0	0	0	0	0	0	0
	throughout the last 5 years most of the AA has constantly lacked surface water, except for one period (of <6 continuous months) when most of the AA was inundated (had surface water).	0 (0 0	0	0	0	0	0	0	0	0 0	0	0	1	0	0	1	0 0	0 0	0	0	1	0	0 0	0	0	0	0	0 0	0) 0	0	0	0 0	0	0	0	0	0	0	0
	neiner or above unknown	0 (0 0	0	0	0	0	0	U 1	0	0 0	0	0	0	0	0	0	0 0) ()	0	0	0	0	1 1	1	1	0	0	0 0	1) ()	0	0	0 0	0	0		0		0	0
F6 Surface Water	No part of the AA is ever inundated (contains at least 1 inch of water above the land surface) for more than 14 consecutive days during a normal year. That is, it is a saturated-only wetland. If true, mark "1" here, then SKIP TO F39 (Herbaceous Extent)	0 (0 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0 0) 0	0	0	0	0	0 0	0	0	0	0	0 0	0) 0	0	0	0 0	0	0	0	0	0	0	0
F7 Seasonal Water Extent	During normal years, the percent of the wetland AA that is inundated only seasonally (more than 14 consecutive days but no more than 9 months, or in tidal wetlands is "high marsh" that is inundated by tides fewer than half the days in any month) is:																																				1	1		\uparrow	
	>75% of the AA	0 (0 0	0	0	1	0	0	0	0	0 0	0	0	1	0	0	0	0 0) 0	0	0	0	0	0 1	1	1	0	0	0 0	0) 0	0	0	0 0	0	0	0	0	0	0	0
1	20-72% UI IIIE AA		υΙΟ	U	U	U	U	U	U	U	υIO	1 0	0	U	U	U		υ [(0	U	U	U	U	υÜ	U	U		U	1		U	U	U	υ 0	0	U	0	U	U	<u> </u>	U

		Assessment Area	1	2	3 4	1 5	6a-b	7	8	9 10) 11	12	13a-d 14	15	16 1	18	19 2	20 21	22 23	24	25 2	6a-b 27a-	c 28a-b	29a-c 3	0 31	32	33 3	34 35	36	37	38 39	40	41	42 4	43а-е	44 45	46
		25-50% of the AA	0	0	0 0) 0	0	0	0	1 0	0	0	0 0	0	0 1	0	1	1 1	1 0	1	1	0 0	0	0) 1	0	0 0	0 1	1	1	0 0	0	0	0	0	0 0	0
		5-25% of the AA	0	0	0 0) 1	0	1	0	0 1	1	1	0 1	0	1 0	0	0	0 0	0 1	0	0	1 0	0	0	0 C	0	0 0	D 0	0	0	1 1	1	1		1	1 1/	1
		<5% of the AA, or none	0	1	1 1	0	0	0	1	0 0	0	0	1 0	0	0 0	0	0	0 0	0 0	0	0	0 0	0	0	0 C	0	0 0	0 0	0	0	0 0	0	0	0	0	0 0	0
F8	Extent of	When the AA's surface water is at its lowest annual level, the percent of the AA still containing surface water (whether																																			
	Persistent	obscured by vegetation or not) is:																																			
	Surface	>95% of the AA	0	0	0 0) 0	0	0	0	0 0	0	0	0 0	0	0 0	0	0	0 0	0 0	0	0	0 0	0	0	0 0	0	0 0	0 0	0	0	0 0	0	0	0	0	0 0	0
	Water (Dry	50-95% of the AA	0	0	0 0) 0	0	1	1	0 0	0	1	0 1	0	1 1	0	1	1 0	1 1	1	1	0 0	0	0) 1	0	0 0	0 0	0	0	0 0	0	0	0	0	0 0	0
	Season)	25-50% of the AA	1	0	1 1	0	0	0	0	0 0	1	0	0 0	0	0 0	0	0	0 0	0 0	0	0	0 0	0	0	0 0	1	0 0	0 1	1	1	0 0	0	0	0	0	0 0	0
		1-25% of the AA		1	0 0) 1	0	0	0	1 1	0	0	0 0	0	0 0	1	0	0 1	0 0	0	0	0 0	0	0	1 0	0	1 1	1 0	0	0	1 1	1	1 1		1	1 1	1
		None of the above, and the AA contains or is part of a fringe wetland, SKIP to F10	0	0	0 0) ()	0	0	0	0 0	0	0	0 0	0	0 0	0	0	0 0	0 0	0	0	0 0	0	0	0 C	0	0 0	0 0	0	0	0 0	0	0	0	0	0 0	0
		None of the above, and not a fringe wetland, SKIP to F10	0	0	0 0) ()	1	0	0	0 0	0	0	1 0	1	0 0	0	0	0 0	0 0	0	0	1 1	1	1	1 0	0	0 0	0 0	0	0	0 0	0	0	0	0	0 0	0
F9	Onsite	When the AA's surface water is at its lowest annual level (for tidal wetlands = annual lowest tide), the percent of the																																			
	Surface	surface water that is in or connected to flowing channels that exit the AA, compared to surface water that is outside of																																ı			
	Water	channels and their floodplains (e.g., in small depressions that do not connect annually to the channel if any), is:																																ı			
	Isolation (Dry																																	1 I			í.
	Season)	all (100%) located in channels, swales, or with a contiguous surface water connection to a lake or estuary at all times of	1	1	1 1	1	0	1	1	1 0	1	1	0 1	0	1 0	0	0	0 0	0 0	0	0	0 0	0	0	0 C	1	1 0	0 1	1	0	1 1	1	1		1	1 1	1
		year																																(-1)			
		75-99% in or connected to channels, swales, or contiguous lake/ estuary, 1-25% in isolated pools	0	0	0 0) ()	0	0	0	0 0	0	0	0 0	0	0 0	0	0	0 0	0 0	0	0	0 0	0	0) 1	0	0 1	1 0	0	1	0 0	0	0	0	0	0 0	0
		50-75% in or connected to channels, swales, or contiguous lake/ estuary, 25-50% in isolated pools	0	0	0 0) 0	0	0	0	0 0	0	0	0 0	0	0 1	1	1	1 0	1 0	1	1	0 0	0	0	1 0	0	0 0	0 0	0	0	0 0	0	0	0	0	0 0	0
		25-50% in or connected to channels, swales, or contiguous lake/ estuary, 50-75% in isolated pools	0	0	0 0) 0	0	0	0	0 0	0	0	0 0	0	0 0	0	0	0 0	0 0	0	0	0 0	0	0	0 0	0	0 0	0 0	0	0	0 0	0	0	0	0	0 0	0
		1-25% in or connected to channels, swales, or contiguous lake/ estuary, 75-99% in isolated pools	0	0	0 0) 0	0	0	0	0 1	0	0	0 0	0	0 0	0	0	0 0	0 0	0	0	0 0	0	0	0 0	0	0 0	0 0	0	0	0 0	0	0	0	0	0 0	0
		all located in isolated pools or a single isolated pond from which no surface water exits when levels are lowest	0	0	0 0) 0	0	0	0	0 0	0	0	0 0	0	0 0	0	0	0 1	0 1	0	0	0 0	0	0	0 0	0	0 0	0 0	0	0	0 0	0	0	0	0	0 0	0
F10	Onsite	During most of the wettest time of a normal year, the percent of the surface water that is in or connected to ditches,																																			
	Surface	swales, or flowing channels that exit the AA, compared to surface water that is in isolated pools that do not connect																																ı			
	Water	annually to channels or swales (if any), is:																																			
	Isolation	all (100%) located in channels, swales, or in other areas with a wet-season surface connection to channels or to a	1	0	1 () 0	0	1	0	0 1	0	0	0 1	1	0 1	0	0	1 0	1 0	1	1	0 0	0	0	0 0	1	0 0	0 0	0	1	1 0	0	0	0	0	0 0	0
	(Wet	contiguous lake or estuary																																			
	Season)	75-99% in or connected to channels, swales, or contiguous lake/ estuary, 1-25% in isolated pools	0	1	0 1	0	1	0	1	1 0	1	1	0 0	0	0 0	1	1	0 0	0 0	0	0	0 1	1	0) 1	0	1 1	1 1	1	0	0 1	0	0	0	0	0 0	0
		50-75% in or connected to channels, swales, or contiguous lake/ estuary, 25-50% in isolated pools	0	0	0 0) ()	0	0	0	0 0	0	0	0 0	0	1 0	0	0	0 0	0 0	0	0	0 0	0	1	1 0	0	0 0	0 0	0	0	0 0	0	0	0	0	0 0	0
		25-50% in or connected to channels, swales, or contiguous lake/ estuary, 50-75% in isolated pools	0	0	0 0) ()	0	0	0	0 0	0	0	0 0	0	0 0	0	0	0 0	0 0	0	0	0 0	0	0	0 0	0	0 0	0 0	0	0	0 0	0	0	0	0	0 0	0
		1-25% in or connected to channels, swales, or contiguous lake/ estuary, 75-99% in isolated pools	0	0	0 0) 1	0	0	0	0 0	0	0	0 0	0	0 0	0	0	0 0	0 0	0	0	0 0	0	0	0 0	0	0 0	0 0	0	0	0 0	1	1	1	1	1 1	1
		all located in isolated pools or a single isolated pond from which no surface water exits		0	0 0) ()	0	0	0	0 0	0	0	1 0	0	0 0	0	0	0 1	0 1	0	0	1 0	0	0	0 0	0	0 0	0 0	0	0	0 0	0	0	0	0	0 0	0
F11	Predominant	During most years, the difference in surface water level in most of the vegetated area between the driest and wettest time																					· ·				· .	. ·						1 I			í.
	Water	of year is:																																			
	Fluctuation	>6 ft change	0	0	0 () ()	0	0	0	0 0	0	0	0 0	0	0 0	0	0	0 0	0 0	0	0	0 0	0	0	0 0	0	0 0	0 0	0	0	0 0	0	0	0	0	0 0	0
	Range	3-6 ft change	0	0	0 () ()	0	0	0	0 0	0	0	0 0	1	0 0	1	0	0 0	0 0	0	0	0 0	0	0	0 0	1	1 0	0 1	1	1	1 0	0	0	0	0	0 0	0
		1-3 ft change	1	0	1 () ()	0	1	0	0 1	0	1	0 1	0	0 1	0	1	1 0	1 1	1	1	0 0	0	0	1 1	0	0 0	0 0	0	0	0 0	0	0	0	0	0 0	0
		0.5 - 1 ft change	0	0	0 1	0	1	0	1	1 0	1	0	0 0	0	0 0	0	0	0 1	0 0	0	0	0 1	1	0	0 0	0	0 1	1 0	0	0	0 1	0	0	0	0	0 0	0
		<0.5 ft or no change (stable)	0	1	0 0) 1	0	0	0	0 0	0	0	1 0	0	1 0	0	0	0 0	0 0	0	0	1 0	0	1	0 0	0	0 0	0 0	0	0	0 0	1	1		1	1 1	1
F12	Predominant	During most of the time surface water is present, its depth in most of the inundated part of the AA is:																																\square			
	Depth Class	>6 ft deep	0	0	0 0) ()	0	0	0	0 0	0	0	0 0	0	0 0	0	0	0 0	0 0	0	0	0 0	0	0	0 0	0	0 0	0 0	0	0	0 0	0	0	0	0	0 0	0
		2-6 ft deep	1	0	1 () 1	0	1	1	1 1	1	1	0 1	0	1 1	1	1	1 0	1 1	1	1	0 0	0	0) 1	1	1 1	1 1	1	1	1 0	0	0	0	0	0 0	0
		1-2 ft deep	0	0	0 1	0	0	0	0	0 0	0	0	0 0	0	0 0	0	0	0 0	0 0	0	0	0 0	0	0	0 0	0	0 0	0 0	0	0	0 0	0	0	0	0	0 0	0
		0.5 - 1 ft deep	0	0	0 0) ()	1	0	0	0 0	0	0	0 0	1	0 0	0	0	0 1	0 0	0	0	0 0	0	0	1 0	0	0 0	0 0	0	0	0 1	0	0	0	0	0 0	0
		<0.5 ft deep	0	1	0 0) ()	0	0	0	0 0	0	0	1 0	0	0 0	0	0	0 0	0 0	0	0	1 1	1	1	0 0	0	0 0	0 0	0	0	0 0	1	1		1	1 1	1
F13	Depth Class	During most of the time when surface water is present (select one):																																\square			
	Distribution	One depth class (use the classes in F13) comprises >90% of the AA's inundated area	1	1	0 0) 1	0	0	1	0 0	0	1	1 0	1	0 0	0	0	0 1	0 0	0	0	1 0	0	0	0 0	0	1 1	1 1	1	0	0 1	1	1		1	1 1	1
		One depth class comprises >50% of the AA's inundated area	0	0	1 1	0	1	1	0	1 1	1	0	0 1	0	1 1	1	1	1 0	1 1	1	1	0 1	1	1	1 1	1	0 0	0 0	0	1	1 0	0	0	0	0	0 0	0
		Neither of above	0	0	0 0) ()	0	0	0	0 0	0	0	0 0	0	0 0	0	0	0 0	0 0	0	0	0 0	0	0	0 0	0	0 0	0 0	0	0	0 0	0	0	0	0	0 0	0
F14	Deep Spots	Ponded nontidal water deeper than 3 ft covers at least 1 acre or >5% of the AA during (check all that apply):																																			
		most of the period November-April	0	0	0 0) ()	0	0	0	0 0	0	0	0 0	0	0 0	1	0	0 0	0 0	0	0	0 0	0	0	0 0	0	0 0	0 0	0	1	0 0	0	0	0	0	0 0	0
		most of the period May-October	0	0	0 0) ()	0	0	0	0 0	0	0	0 0	0	0 0	0	0	0 0	0 0	0	0	0 0	0	0	0 0	0	0 0	0 0	0	0	0 0	0	0	0	0	0 0	0
		neither of above (no ponded water >3 ft deep is that extensive)	1	0	1 1	1	1	1	1	1 1	1	1	1 1	1	0 1	0	1	1 1	1 0	1	0	1 1	1	1	0 (1	1 1	1 1	1	0	1 1		1		1	1 1	1
		impossible to tell	0	1	0 0) 0	0	0	0	0 0	0	0	0 0	0	1 0	0	0	0 0	0 1	0	1	0 0	0	0	1 1	0	0 0	0 0	0	0	0 0	0	0	0	0	0 0	0
F15	Open Water	Visualize the extent and distribution of ponded open water within the AA, relative to the distribution of the most dominant	1	5	1 2	2 2	3	2	2	5 8	5	2	1 1	1	1 1	4	1	1 2	1 3	1	1	14 1	1	1	3 1	0	1 1	1 2	2	2	0 2	2	2		1	1 1	2
	Interspersion	form of partly-inundated vegetation (herbaceous or woody, with stems and leaves >4" above the water surface). Visualize																														/ /		(-1)			
	With Partly	this as it occurs during May of most years. In the table to the right, first estimate the percent open water (left column) in																														/ /		(-1)			
	Inundated	the AA, then its distribution (top row). Select the highest applicable number and enter it in column D. If the AA has no																														/ /		(-1)			
	Vegetation	ponded water during May, score it "1." If this is a fringe wetland, assume Open Water is >70%.																														/ /		(-1)			
												+ +																				4	4	$ \longrightarrow $			4
		Note: Ponded open water is surface water that is not visibly flowing and contains no vegetation (except perhaps floating-																																ı			
		leaved or completely submersed species) and is not beneath a canopy of trees or shrubs. For tidal sites, consider the																																ı			
		condition at average mid-tide.				_	_					+				_	\vdash			+			+								\rightarrow	<u> </u>	\rightarrow	⊢	\rightarrow		+
F16	Inflow	When surface water (if any) enters the AA, it enters as (select all applicable choices):					-						_									_															
		tlow moving in channels or ditches	1	0	1 1	1	0	0	1	1 1	1	1	0 0	0	1 1	1	1	1 0	1 0	1	1	0 1	1	1	0	1	1 1	1 1	1	1	1					1 1	<u> </u>
1		surface water exchanged broadly with contiguous waters such as an estuary, lake, or major river	0	1	0 0) 1	0	1	0	1 0	1	1	0 1	1	1 1	0	1	1 0	0 0	1	0	0 0	0	0	1 1	0	1 1	1 1	1	0	0 1	0	0	0	0	0 0	0
1		water pumped into or intentionally diverted to the AA, e.g., as part of a stormwater dispersion system, irrigation practice, or	0	0	0 0	0 0	0	0	0	0 0	0	0	0 0	0	0 0	1	1	1 0	1 0	0	1	1 0	0	0	0	0	0 0	0 0	0	0	0 0	0	0	0	0	0 0	0
1		drainage tile outlet																																			
L	-	groundwater, runott, and direct precipitation	1	1	1 1	1	1	1	1	1 1	1	1	1 1	0	1 1	1	1	0 1	1 1	1	1	1 1	1	1	1 1	1	1 1	1 1	1	1		41					<u>_</u>
F17	Groundwater	Select one:	W	W	wlw	vIv	/ W	W	W	w I w	/ W/	W	w/ w	W	WW	/ \//	۱W/۱	NW	W W	/////	W	N W	W	W١	V W	W	wlw	N W	W	W	W W	JIW	/ W	W	W	W W	W
1			vv	~ ~	•• •		~ ~ ~	VV	~ ~		· · · ·	~~	~~ ~~	~~		~ ~ ~					~~		~~	~ ~	~ ~ ~	~ ~	~ ~		~ ~	~ ~		<u> </u>	~ ~ ~	~ ~	<u> </u>		~~~
1		Part of the wetland contains strong evidence of groundwater discharges at the wetland surface during summer. (a)	0	0	0 0	0 0	0	0	0	0 0	0	0	0 0	0	0 0	0	0	0 0	0 0	0	0	0 0	0	0	0 0	0	0 0	0 0	0	0	0 0	0	0	0	0	0 0	0
1		Springs are observed or are shown on maps, or (b) water is cooler in summer and warmer in winter than in other local																																i L			
1		wetlands, or (c) measurements from shallow wells indicate groundwater is discharging to the wetland.																																i L			
1	1							I	- 1			1	1	1	I	1	1 1	1	1 1			1									1	1		1 I			1

		Assessment Area	1	2 3	4	5 6	a-b 7	8	9	10 1	1 12	13a-d	14	15 16	17	18	19 20	21	22 23	24	25 26	a-b 27	a-c 28a-b	29a-c	30 3	1 32	2 33	34	35	36 37	38	39	40	41	42 43	a-e 44	45	46
		Part of the wetland has less definitive evidence of discharging groundwater during summer. Wetland has no perennial tributary and is on organic, sandy, or gravelly soil (as determined in F59) AND has one or more: (a) outflow is present and persists during most of the summer or (b) on a natural slope of >5%, or (c) very close to the base of a natural slope steeper than 15%, or (d) located at a geologic fault, or (e) has rust deposits, colored precipitates, or dispersible natural oil sheen, or (f) within a mile of the top of a HUC4 watershed.	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0 0	0	0 0	0	0 ()	1 1	0	0 0	0	0	0	0	0 0	0	0	0	0	0 (D O	0	0
		Neither of above is true, although some groundwater may discharge to or flow through the wetland, and wetland is in a region of eastern Oregon with mean annual precipitation of less than xx. None of the above	1	1 1 0 0	0	1	1 1 0 0	1	1	1 1	1	1	1	1 1	1	1	1 1 0 0	1		1) (1	1 1	1	0	1	1	1 1	1	1	1	1		1 1 0 0	0	0
F18	Outflow Duration	The most durable surface water connection between the wetland and the closest contiguous and/or downslope surface waters is:	Ŵ١	NN	/ W \	Ŵ١	N W	Ŵ	Ŵ	WV	V W	W W	Ŵ١	WW	/ W	Ŵ	WW	Ŵ	WW	W	WV	VV	V W	Ŵ	WV	VV	/ W	W	Ŵ	WW	W W	Ŵ	Ŵ	Ŵ	Ŵ١	N W	W	W
		persistent (>9 months/yr), or daily tidal exchange seasonal (14 days to 9 months/yr, not necessarily consecutive)	1	1 0 0 0	1	1	0 1	1	1	1 1	1	0	1	1 1 0 0	1	1	1 1 0 0	0	1 0 0 0	1) (0 0	0	1 1	1	1	1	1	1 1 0 0	1	1	1	1	1	1 1 0 0	1	1
		temporary (<14 days, not necessarily consocially encoded to (0	0 0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0 0	0	0 0	0	0 () () 0	0	0 0	0	0	0	0	0 0	0	0	0	0	0		0	0
F19	Outflow	During major runoff events, in the places where surface water exits the wetland it is:	<u>, v</u>						۰ ۱۸/ ۱				۰ ۱۸/ ۱			٥ ۱۸/		1		0		V V		1				٥ ۱۸/	0 \// \				٥ ١٨/	٥ ١٨/				0 \//
	Confinement	impeded by a pine culvert tidenate parrowly breached dike herm beaver dam or other obstruction (other than natural	VV					0	0			0				0		0		0				0				0	0			0	0	0				0
		topography), or water is pumped out of the welland (e.g., for irrigation)	1			1	0 1	1	1			Ŭ	1	1 1	1	1	1 1	ů	· ·	1				Ŭ	1 1	1	1	1	1	1 1	1	1	1	1		1 1		1
F20	Inlet+Outlet	Either the wetland has BOTH an inlet and outlet with seasonal or persistent surface flow, or the wetland is tidal or	1	1 0	1	1	0 1	1	1	1 1	1	0	1	1 1 1 1	1	1	1 1 1 1	0	1 0	1	1 () 0	0	1 1	1	1	1	1	1 1	1	1	1	1		1 1 1 1	$\frac{1}{1}$	1
504	T 1 1.0	lacustrine. If so, enter "1" here and continue. If neither condition met, enter "0" here and then SKIP to F25 (Sheltering of Water).																																				
F21	Complexity	During peak annual flow, the surface water that flows through the wetland's channel or floodplain:	W \	NN	/ W \	W \	N W	W	W	WV	VW	0	W۱	WW	/ W	W	WW	W	WW	W	WV		<u>v</u> w	W	WV	VV	/ W	W	W	WW	/ W	W	W	W	WV	N W	W	W
		mostly encounters into encounters, or ourcers or including and a sources or including and a source source or including and a source or including and	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0 0	1	1	0 0	0	1 0	1	0 0) () 0	0	1 0	0	1	0	1	1 0	1	0	0	0	0	0 0	0	0
		to exit (tew internal channels, only slight meandering) mostly encounters herbaceous vegetation that offers little resistance and follows a fairly indirect path from entrance to exit	0	0 0	0	0	0 0	0	0	0 0	0	0	0	1 1	0	0	1 1	0	0 0	0	1 () () 0	0	0 1	0	0	1	0	0 1	0	0	0	0	0	0 0	0	0
		(non-channelized flow or many internal channels, or very braided or tightly meandering) encounters measurable resistance from fairly-rigid vegetation (e.g., cattail, bulrush, woody plants) or channel-clogging	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0 0	0	0 0	0	0 () () 0	0	0 0	0	0	0	0	0 0	0	0	0	0	0	0 0	0	0
		debris, and follows a fairly straight path from entrance to exit.	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0 0	0	0 0	0				0	0 0	0	0	0	0	0 0	0	0	0	0		n 0		0
500		debris, and follows a fairly indirect path from entrance to exit.	Ŭ	<u> </u>		Ŭ.		Ŭ	Ŭ	<u> </u>	Ű	Ů	<u> </u>	<u> </u>	Ĵ	Ŭ		Ľ	ů ů	Ŭ				Ŭ		ľ	Ű	Ŭ			Ů	Ŭ	Ŭ	Ů				Ů
FZZ	Vegetated Zone	During most or the time open water is present in the wetland, vegetated areas within the wetland, where they are contiguous to open water, are:																																				
	Relative Width	wider than the contiguous open water narrower than the contiguous open water	1	1 0 0 0	0	1	0 0	0	1 0	0 1	0	0	0	0 1	1	1 0	1 1 0 0	0	0 0	1	1 (0 () () 0) 0	0	1 1 0 0	0	1	1	1	1 1 0 0	1	1	1	1	0	1 1 0 0	0	1
F23	Vegetated	At the AA, the average width of wetland vegetated area that separates adjoining uplands (if any) from contiguous open																																				
	Absolute	>300 ft, or no contiguous upland or open waters (not even temporary)	0	0 0	0	1	0 0	0	0	0 0	0	0	0	0 0	0	0	0 0	0	0 0	0	0 () () 0	0	1 0	0	0	1	0	0 0	0	1	1	1	1	0 0	1	0
	Width	100-300 ft 25-100 ft	1	1 0 0 0	0	0	0 1	0	1	0 1	0	0	0	0 1 1 0	1	0	0 0	0	0 0	0	1 (0 (0 0	0	0 1	1	1	0	1 0	1 1 0 0	1	0	0	0	0	1 1 D 0	0	0
		5-25 ft <5 ft	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	1 0	0 0	0	0 0	0	0 0) (0 0	0	0 0	0	0	0	0	0 0	0	0	0	0	0 (0 0	0	0
F24	Undercut	During most of the spring and summer, the percent of the AA's water edge, if any, that has undercut banks is:	-											1		-								-		-		-	-		-		-				\equiv	
	DdllKS	50-75%	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0 0	0	0 0	0	0 0) () 0	0	0 0	0	0	0	0	0 0	0	0	0	0	0	0 0	0	0
		25-50% 1-25%	0	0 0 0 0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0 0	0	0 0	0	0 () (0 0	0	0 0	0	0	0	0	0 0	0	0	0	0	0 (0 0	0	0
		<1%, or no definable water edge is present	0	1 0	0	0	0 1	1	0	1 0	0	0	1	0 1	1	0	0 0	0	1 0	0	0 0) () 0	0	0 1	1	1	1	0	0 1	1	0	0	0	0 (0 0	0	0
F25	Sheltering of	At mid-day in summer, the area of surface water within the AA that is shaded by herbaceous or woody vegetation, incised							0	-					Ů					Ū				Ū			0	Ū		0 0	0							
	vvater	channels, streambanks, or other reatures also present within the AA Is: >75% of the water	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0 0	0	0 0	0	0 0) () 0	0	0 0	0	0	0	0	0 0	0	0	0	0	0	0 0	0	0
		50-75% of the water 25-50% of the water	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0 0	0	0 0	0	0 0) () 0) 0	0	0 0	0	0	0	0	0 0	0	0	0	0	0 (0 0	0	0
		5-25% of the water	0	00	0	0	0 0	0	1	1 0	0	0	0	0 0	0	0	0 0	1	0 0	0	0 0) () 0	0	1 0	0	0	0	0	0 0	0	0	0	0	0 (0 0	0	0
		(surface water is typically absent in summer or during low tide)	0	0 0	0	0	1 0	0	0	0 0	0	1	0	1 0	0	0	0 0	0	1 0	1	1 1) <u> </u>	1	0 0	0	0	0	0	0 0	0	0	0	0	0	0	0	0
F26	Abovewater Wood	The number of downed wood pieces thicker than 4 inches that remain only partly underwater during most of the spring or early summer, thus potentially serving as basking sites for turtles, birds, or frogs, is:																																				
		Several Few or none or AA never has any surface water at that time	0	0 0	0	0	0 1	0	0	0 0	0	0	0	0 0	1	0	0 0	1	1 0	0	1 () .		1	0 0	0	0	0	0	0 1	0	0	0	0	0 (0 0	0	0
F27	Islands	Select all that apply:	Ŵ١	N W	/ W \	W۱	N W	Ŵ	W	wv	V W	' W	W۱	w w	/ Ŵ	W	WW	Ŵ	ŴŴ	W	ŴV	VV	v w	Ŵ	WV	VV	/ W	W	W	w w	/ W	Ŵ	Ŵ	Ŵ	W١	N W	W	W
		During early summer the AA contains a floating vegetation mat suitable for nesting birds and isolated from the shore by water denths >3 ft. Or AA is an island with similar isolation and a cently-sloping water edge that is mostly vegetated	1	0 0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0 0	0	0 0	0	0 (0	0 0	0	0	0	0	0 0	1	0	0	0	0	0 0	0	0
		During early summer the AA contains (or is) an island with a gently-sloping water edge, that is mostly bare and is isolated	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0 0	0	0 0	0	0 () () 0	0	0 0	0	0	0	0	0 0	0	0	0	0	0	0 0	0	0
F 2 2	Charabiant	from the shore by water depths >3 ft. Neither of above The output of multiplet or ununeeded electrons are within the AA during a structure of a structure of a structure of the		1 1	1	1	1 1	1	1	1 1	1	1	1	1 1	1	1	1 1	1	1 1	1	1 1		1	1	1 1	1	1	1	1	1 1	0	1	1	1		1 1	1	1
r28	Feeding Habitats	The extent of mutats or unwooded shortgrass areas within the AA during April or August (or for tidal AAs, during mean low tide) is usually: none or <100 so ft and there are none that cover <10.000 so ft anywhere within 300 ft of the AA	1	1 0	1	1	1 0		0	1 1	1	1	1	1 0	0	1	0 0	1	0 0	0	0		1 1	1	0 0		1	1	1	1 0	0	0	0	0		1 1		
		none, or <100 sq. it, but some that cover >10,000 are within 300 ft of the AA		0 0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0 0	0	0 1	0	0 (0	0	0 1	0	0	0	0	0 1	0	0	0	0	0	0 0	0	0
		1000 – 10,000 sq. ft. within AA	U 0	υ 1 0 0	0	U 0	0 1 0 0	0 0	0	U 0		0	U 0	0 0 0 0	0	0	U 0	0	U 0 0 0	0	0 () (0 0	0	U 0		0	0	U 0	U 0 0 0	1	0	0	0	0	0 0 0 0	0	0
F29	Waves	>10,000 sq. ft within AA Which of the following is most true:	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0 1	1	0	0 0	0	1 0	0	0 (0 (0	0 0) 0	0	0	0	0 0	0	0	0	0	0	0 0	0	0
						1																				_	_					-	i		<u> </u>		²	4

		Assessment Area	1 2	3	4	5 6a-b	7	8 9	10	11 1	2 13a-	d 14	15 10	6 17	18	19 20	21	22 23	24	25 26a-l	o 27a-c	28a-b 29	a-c 30	31 3	2 33	34	35 36	37	38 39	40	41	42 4	3a-e 4	44 45	46
		Wind or boats frequently generate waves of >1 ft near the AA, those waves are intercepted by the wetland, and structures	0 0	0	0	0 0	0	0 0	0	0 () 0	0	1 0) 0	0	0 0	0	0 0	1	0 0	0	0	0 1	1 () ()	0	0 0	0	0 0	0	0	0	0	0 0	0
		behind the AA are protected from wave erosion	0 0	_	0	0 0		0 0	-			0	0 1	1	0	1 1	0	1 0	0	1 0	0	0		0 0		0	0 0	0		<u> </u>			0		
		wind of boats irequently generate waves of >1 it near the AA, those waves are intercepted by the wetland, but there are no structures behind the wetland	0 0	U	U		0	0 0	0	0 0		0	0		0	' '	0	0	0	0	U	0			0	0	0 0	U	0 0	0	U	0	0	1 0	0
		Neither wind nor boats frequently generate waves of >1 ft near the AA	1 1	1	1	1 1	1	1 1	1	1 1	1	1	0 0) ()	1	0 0	1	0 1	0	0 1	1	1	1 0	0 1	1 1	1	1 1	1	1 1	1	1	1	1	1 1	1
F30	Vectors for	Select all that apply:																													\perp	\square		\square	
	Waterborne	a regularly-used boat dock is present within or contiguous to the AA	0 0	0	0	0 0	1	0 0	0	1	0	1	1 0) 0	0	0 0	0	0 0	0	1 0	0	0	0 0	1 1		0	0 0	1	0 0	0	0	0	0	<u>) ()</u>	0
	Pesis	a regulariy-used boat dock is not within the AA, but there is one within 300 ft of the AA and there is a persistent or tidal surface connection between the dock and the AA.	0 0	0	U	0 0	0	0 0		0 0	0	0	0		1 I	0 0	0	0		0 0	0	0	0	0 0		0	0 0	U	1 0	0	0	0	0	1 0	0
		large ships that empty ballast water are regularly present in nearby contiguous waters	0 0	0	0	0 0	0	0 0	0	0 () 0	0	0 0) 0	0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0 (0	0 0	0	0 0	0	0	0	0	0 0	0
		the AA has a persistent surface water connection (>9 mos./yr, via ditch, pipe, channel, tidegate, or floodplain) to a	1 1	0	1	1 0	1	1 1	1	0 () ()	0	0 1	1	0	1 1	0	1 0	1	1 0	0	0	0 1	1 1	1 1	1	1 1	1	1 1	1	1	1	1	1 1	1
		nearby perennial stream, river, lake, or estuary																																	
F21	Non notivo	none of the above The following are known or likely to have concerning pepulations in this AA, its wattend, or in water bedies within 200 ft	0 0	1	0	0 1	0	0 0	0	0 0) 1	0	0 0) 0	0	0 0	1	0 1	0	0 1	1	1	1 0	0 0	0 0	0	0 0	0	0 0	0	0	0	0	<u>) 0</u>	0
гэі	Aquatic	the following are known of likely to have reproducing populations in this AA, its wetland, of in water bodies within 500 ft that connect to the AA at least seasonally. Select all that apply:																											i		/	1			
	Animals	non-native amphibians (e.g., bullfrog) or reptiles (e.g., red-ear slider)	0 0	0	0	0 0	0	0 1	0	0 () 0	0	1 1	1	1	1 1	1	1 0	1	1 0	0	0	0 1	1 1	1 1	1	1 1	1	1 1	1	1	0	1	0 0	1
		carp	0 0	0	0	0 0	0	0 0	0	0 0) ()	0	0 0) 0	0	0 0	0	0 0	0	0 0	0	0	0 0	0 0) ()	0	0 0	0	0 0	0	0	0	0	0 0	0
		other non-native fish (e.g., bass, gambusia, walleye, crappie, brook trout)	1 1	1	1	1 0	1	1 1	1	1	0	1	1 1	1	1	1 1	0	1 0	1	1 0	0	0	0 1	1 1	1 1	0	1 1	1	1 1		1		1		1
		non-native invertebrates (e.g., New Zealand mudsnail, mitten crab, rusty crayfish)	0 0	0	0	0 0	0	0 0	0	0 0		0	0 0		0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0 0	0	0 0	0	0 0	0	0	0	0	<u>) 0</u>	0
		none of above, or unknown	0 0	0	0	0 0	0	0 0	0	0 0		0	0 0		0	0 0	0	0 0	0	0 0	0	1	1 0	0 0		0	0 0	0		0	0	0	0	0 0	0
F32	Ice-free	During most years, most of the wetland's surface water does not freeze, or freezes for fewer than 4 continuous weeks. or	0 0	0	0	0 0	0	0 0	0	0 0) 0	0	0 0	0	0	0 0	0	0 0	0	0 0	0	0	0 0	0 0) 1	1	1 1	0	0 0	0	0	0	0	0 0	0
		surface water is absent most winters.																											i		/	1			
F33	Ponded Threshold	During most of the summer , the AA contains more than 0.25 acre of ponded non-tidal surface water that is deeper than 1 ft, or is within 300 ft of such an area and the intervening habitat is not developed (roads, etc.). Or nesting within the AA by ducks, geese, or swans has been proven.	0 0	0	0	0 0	0	0 0	0	0 0	0 0	0	0 0	0	1	0 0	0	0 1	0	0 0	0	0	0 0	0 0	0 0	0	0 0	0	0 0	0	0	0	0	0 0	0
F34	No Scum	During most summers, less than 80% of the water surface is covered by floating algae, duckweed, and other non-rooted aquatic plants, AND no major fish kills occur. If no surface water is present in summer, mark "1" in column D.	1 1	1	1	1 1	1	1 1	1	1	1	1	1 1	1	1	1 1	1	1 0	1	1 1	1	1	1 1	1 1	1 1	1	1 1	1	1 1	1	1	1	1	1 1	1
F35	Submerged	SAV (submerged & floating-leaved aquatic vegetation) occupies an annual maximum of:												_		0 0		0 0												<u> </u>	+	+ + + + + + + + + + + + + + + + + + +	0		\vdash
	& Floating- leaved	>95% of the surface water area	0 0	0	0		0	0 0	0	0 0		0	0 0		0	0 0	0	0 0	0	0 0	0	0		0 0		0	0 0	0		0	0	0	0	<u> </u>	0
	Aquatic	25-50% of the surface water area	0 0	0	0	0 0	0	0 0	0	0 0		0	0 0		0	0 0	0	0 0	0	0 0	0	0		0 1	0	0	1 1	0		0	0	0	0	0 0	0
	Vegetation	5-25% of the surface water area	0 0	0	0	0 0	1	0 0	0	0 () 0	0	0 0) 0	1	0 0	0	0 0	0	0 0	0	0	0 C	0 0) 1	0	0 0	0	0 0	0	0	0	0	0 0	0
	(SAV)	<5% of the surface water area. Mark "1" here and SKIP TO F39 (Herbaceous Extent).	1 1	1	1	1 1	0	1 1	1	1 1	1	1	1 1	1	0	1 1	1	1 1	1	1 1	1	1	1 1	1 (0 (1	0 0	1	1 1	1	1	1	1	1 1	1
F36	SAV Invasive	The areal cover of SAV at mid-summer is comprised of:							_														_								<u> </u>		0		
	vs. ivon- invasive	mostly invasive SAV species (see list in column E). Mark T nere and SKIP to F39.	0 0	0	0		0	0 0	0	0 0		0	0 0		0	0 0	0	0 0	0		0	0		0 0		0	0 0	0		0	0	0	0	<u> </u>	0
	Cover	impossible to tell	0 0	0	0	0 0	0	0 0	0	0 0		0	0 0		1	0 0	0	0 0	0	0 0	0	0	0 0	0 1	1 1	0	1 1	0	0 0	0	0	0	0	0 0	0
F37	SAV Native	Considering just the SAV species that are native:																											i l		+ +				
	Species	one or two of those species together comprise >50% of the SAV cover	0 0	0	0	0 0	1	0 0	0	0 () ()	0	0 0) ()	0	0 0	0	0 0	0	0 0	0	0	0 C	0 0) ()	0	0 0	0	0 0	0	0	0	0	0 0	0
	Dominance	no two of the native SAV species together comprise >50% of the SAV cover	0 0	0	0	0 0	0	0 0	0	0 () ()	0	0 0	0 0	0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0 (0	0 0	0	0 0	0	0	0	0	0 0	0
E20	SAV Spacios	IMPOSSIBLE to tell	0 0	0	0	0 0	0	0 0	0	0 0) ()	0	0 0	0 0		0 0	0	0 0	0	0 0	0	0	0 0	0	1	0	1 1	0	0 0	0	0	0	0	<u> </u>	0
гро	Libiquity	OI dil LITE SAV SPECIES III LITIS AA. all are species that are common among Oregon's wetlands and lakes. (see Plants worksheet. "Common Species" column)	0 0	0	0	0 0	1	0 0	0	0 0		0	0 0		0	0 0	0	0 0	0	0 0	0	0		0 0		0	0 0	0	0 0	0			0	0 0	0
				Ŭ	Ŭ	Ĩ		Ŭ Ŭ	ľ		Í	Ŭ	Ŭ	ĺ	ľ	° I °	Ů	0 0	Ů	Ĩ	Ů	Ű				Ŭ		Ŭ		Ŭ	Ů	Ŭ	0		Ŭ
		at least one species is a SAV plant that is not common among Oregon's wetlands and lakes, and it covers >1% of the SAV	0 0	0	0	0 0	0	0 0	0	0 () ()	0	0 0) 0	0	0 0	0	0 0	0	0 0	0	0	0 C	0 0) ()	0	0 0	0	0 0	0	0	0	0	0 0	0
		area or >100 sq. ft.	_		_			_				+	_			_				_		_	_				_			<u> </u>	<u> </u>	\vdash	-	<u> </u>	<u> </u>
F 20	Harbasaus	Impossible to tell	0 0	0	0	0 0	0	0 0	0	0 0) ()	0	0 0	0 0		0 0	0	0 0	0	0 0	0	0	0 0	0	1 1	0	1 1	0	0 0	0	0	0	0	<u> </u>	0
F 39	Extent	Ne area cover of her baceous plans during mid-summer is.	0 0	1	0	0 0	0	0 0	0	1 (1	1 1	0	1	1 1	0	1 0	0	0 0	0	0		0 0		0	0 0	0		0	-	0	0	0 0	0
		50-95% of the vegetated part of the AA	1	0	0	1 0	1	1 1	1	0		0	0 0) 1	0	0 0	1	0 0	1	1 0	0	0	0 1	1 1	1 1	0	0 0	1	0 0	1	1	1	0	1 1	1
		25-50% of the vegetated part of the AA	0 0	0	1	0 0	0	0 0	0	0 () ()	0	0 0) 0	0	0 0	0	0 0	0	0 0	0	0	0 C	0 0) ()	0	1 1	0	0 0	0	0	0	0	0 0	0
		5-25% of the vegetated part of the AA	1 0	0	0	0 1	0	0 0	0	0 0) ()	0	0 0	0 0	0	0 0	0	0 1	0	0 1	0	0	1 0	0 0	0 (1	0 0	0	0 1	0	0	0	1	0 0	0
E40	Craminoid	<5% of the vegetated part of the AA. Mark 1° here and SKIP TU F44 (Woody Extent).	0 0	0	U	0 0	0	0 0	0	0 0	0 0	0	0 0	0	0	0 0	0	0 0	0	0 0			5 0	0 0	0	0	0 0	U		0		0	0	<u> </u>	0
140	vs. Forb	overwhelmingly gramingids (>80% cover of grasslike plants)	1 0	1	1	1 1	1	1 1	1	1	0	1	1 1	1	1	1 1	1	1 1	1	1 1	0	0	1 1	1 1	1 1	1	1 1	1					1	1 1	1
	Cover	mostly graminoids (50-80% cover)	0 0	0	0	0 0	0	0 0	0	0 () 1	0	0 0) 0	0	0 0	0	0 0	0	0 0	0	0	0 0	0 0) 0	0	0 0	0	0 0	0	0	0	0	0 0	0
		mostly non-graminoids (e.g., forbs, ferns) (50-80%)	0 0	0	0	0 0	0	0 0	0	0 () ()	0	0 0) ()	0	0 0	0	0 0	0	0 0	0	0	0 C	0 0	0 (0	0 0	0	0 0	0	0	0	0	0 0	0
		overwhelmingly (>80%) non-graminoids	0 1	0	0	0 0	0	0 0	0	0 0) ()	0	0 0) 0	0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0 (0	0 0	0	0 0	0	0	0	0	0 U	0
F41	Herbaceous	The maximum annual areal cover of herbaceous plants is:	0 0		0			0 0	-				0 0			0 0		0 0	-		0	0					0 0	0		<u> </u>			0		
	Non-native	overwheimingry (>80% cover) non-native species, of which >10% are species considered invasive (see column E). Mark "1" and SKIP to F44	0 0	U	U		0	0 0	0			0	0 0		0	0 0	0	0 0	0	0 0	U	0		0 0	0	0	0 0	U	0 0	0	U	0	0	1 0	U
	Cover	overwhelmingly (>80% cover) non-native species, but <10% are considered invasive (see column E). Mark "1" and SKIP	0 0	0	0	0 0	0	0 0	0	0 () 0	0	0 0) 0	0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0 (0	0 0	0	0 0	0	0	0	0	0 0	0
		to F44.																													/				
		mostly (50-80%) non-native species, regardless of invasiveness	0 0	0	0	0 0	0	0 0	0	0 0) ()	0	0 0	0 0	0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0 0	0	0 0	0	0 0	0	0	0	0	0 0	0
		mostly (50-80%) native species	0 0	0	0	0 0	0	0 0	0	0 () 0	0	0 0) 0	0	0 0	0	0 0	0	0 0	0	0	0 0	0 0	0 0	0	0 0	0	0 0	0	0	0	0) 0 1 1	0
E12	Horbacoous	Offunction parbacoous species																			U	0					1 1			4	<u>д ч</u>	\vdash	1		
142	Species	on or two native species together comprise >50% of the areal cover of herbaceous plants at any time during the year	1 1	1	1	1 1	1	1 1	1	1	1	1	1 1	1	1	1 1	1	1 1	1	1 1	0	0	1 1	1 1	1 1	1	1 1	1					1	1 1	1
	Dominance																				-														
1		no two of the native species together comprise >50% of the areal cover of herbaceous plants, or no native species are	0 0	0	0	0 0	0	0 0	0	0 () ()	0	0 0) 0	0	0 0	0	0 0	0	0 0	0	0	0 C	0 0) ()	0	0 0	0	0 0	0	0	0	0	0 0	0
L		present		\downarrow		_			_			+		_	\square		+							\perp		+			<u> </u>	—	<u> </u>	\square		\square	—
F43	Herbaceous	Ut all the herbaceous species in this AA: all are appeared by the processing the second of the second s	1 1		1	1 1 1		1 -					1			1 .		1		1		0					1 1 1					┢┯┷┢	1		
1	Species	an are species that are common among Gregon's Wetlands (see Plants Worksneet, "Common Species" column)	' '														1		1		U	U													
1	Ubiquity	at least one species is not common among Oregon's wetlands and it covers >1% of the AA's herbaceous area or >100 sg.	0 0	0	0	0 0	0	0 0	0	0 () 0	0	0 0) 0	0	0 0	0	0 0	0	0 0	0	0	0 0	0 () 0	0	0 0	0	0 0	0	0	0	0	0 0	0
L		ft (either contiguous or scattered)					ĽI																												Ľ
F44	Woody	Within the AA, woody vegetation (shrubs, trees, woody vines) occupies:																																	\square
1	Extent Within	>95% of the vegetated part of the AA	0 0	0	0	0 0	0	0 0	0	0 0	0 0	0	0 0	0 0	0	0 0	0	0 0	0	0 0	0	0	0 0	0 0) 0	0	0 0	0	0 0	0	0	0	0	0 0 ²	+ 0

		Assessment Area	1	2 3	4	5 6a-	b 7	8	9 1	0 11	12 1	3a-d 14	4 15	16	17 18	19	20 2	1 22	23 2	24 25	26a-b 27	a-c 28a-b	29a-c 3	0 31	32	33	34 35	36	37 38	39	40	41 42	2 43a-e	e 44 4	45 46
	the AA	50-95% of the vegetated AA	1 (0 0	0	0 1	0	0	0 (D 0	0	1 0) 0	0	0 0	0	0 () ()	1 (0 0	1	0	1 1	0	1	0	1 1	1	0 0	1	0	0 1	1	0 1	1 0
		25-50% of the vegetated AA	0 (0 0	1	0 0	0	0	1 (0 0	0	0 0) ()	0	0 0	0	0 () ()	0 (0 0	0	1	0 (0	0	0	0 0	0	0 0	0	1	1 0	0	0 (0 0
		5-25% of the vegetated AA	0		0	1 0	0	1	0		1	0 1	0	0	1 0	0	0		0 0	0 1	0	0	0 (0	1	0 0	0	1 0	0	0	0 0	0	1 0	<u>) 1</u>
F45	Woody	Where surface water is present during the wettest time of year, the AA's woody vegetation occupies:	0 (0	0 0		0	0 (0	0 0	,		0				0	0	0	0		, 0	0	0	0 0	0	0		0	0 0	- 0	0 0	J 0
	Extent Along	>95% of the area within 100 ft of open water, or, nearly all of the woody vegetation is inundated during annual high water	1 (0 0	0	0 1	0	0	0 0	0 0	0	0 0) 0	0	0 0	0	0	0	0 (0 0	0	0	0 () 0	1	0	0 0	0	0 0	0	0	0 0	0	0 (0 0
	Water Edge	50-95% of the area within 100 ft of open water, or most of the woody vegetation is inundated during annual high water	0 (0 0	1	0 0	0	0	1 (0 0	0	0 0) 1	0	0 0	0	0 () 0	1 (0 0	1 (0	1 (0	0	0	1 0	0	0 0	1	1	1 1	1	0 (0 0
		25-50% of the area within 100 ft of open water	0 (0 0	0	0 0	0	0	0 1	1 0	0	1 0) 0	0	0 0	0	0 (0 0	0 (0 0	0	1	0	0	0	0	0 1	1	0 0	0	0	0 0	0	0 (0 0
		5-25% of the area within 100 ft of open water	0 (0 0	0	1 0	0	1	0 0	0 0	1	0 1	0	0	1 0	0	0 () ()	0 (0 1	0	0	0 () 1	0	0	0 0	0	1 0	0	0	0 0	0	1 (0 1
		<5% of the area within 100 ft of water; mark "1" here and SKIP TO F50 (Woody Diameter Classes).	0	1 1	0	0 0	1	0	0 (0 1	0	0 0) 0	1	0 1	1	1 () 1	0	1 0	0	0	0 () 0	0	1	0 0	0	0 1	0	0	0 0	0	0 1	0
F46	Woody	The wetland's woody vegetation is:	1				_					1 0									1	-					1 1	_	0 0	\vdash					
	Distribution	clumped in fairly distinct bands or patches mostly separate from herbaceous vegetation, and most patches or bands are large (>1 acre including contiguous upland woody veg). Or nearly the entire AA is wooded. Isolated shrubs or trees are form	1	0	0	0 0	0	0	0 0	0	0	1 0	0	0	0 0	0	0	0	0 0	0 0		1	1	0	0	0			0 0	0	0	0 0		0 0	J 0
		clumped in fairly distinct bands or patches mostly separate from herbaceous vegetation, and most patches are small (<1 acre including continuous unland woody veg).	0 (0 0	1	1 1	0	1	1 1	1 0	1	0 1	0	0	1 0	0	0 () ()	1 (0 0	0	0	0 (0	1	0	0 0	0	1 0	1	1	1 0	0	0	1 1
		dispersed quite evenly amid the herbaceous vegetation, in many small patches, or many isolated shrubs or trees.	0 (0 0	0	0 0	0	0	0 0	0 0	0	0 0) 1	0	0 0	0	0 (0 0	0 (0 1	0	0	0 () 1	0	0	0 0	0	0 0	0	0	0 1	0	1 (0 0
F47	Cover of	Within parts of the AA having shrubs or woody vines, the areal cover is:																																	_
	Woody	overwhelmingly (>80%) non-natives that are categorized as invasive (see Plants worksheet)	0 (0 C	0	0 0	0	0	0 (0 C	0	0 0) ()	0	0 0	0	0 0) ()	0 (0 0	0	0	0 () ()	0	0	0 0	0	0 0	0	0	0 0	0	0 (0 0
	Invasives	overwhelmingly other non-natives	0 (0 0	0	0 0	0	0	0 0	0 0	0	0 0) ()	0	0 0	0	0 () ()	0 (0 0	0	0	0 (0 0	0	0	0 0	0	0 0	0	0	0 0	0	0 0	0 0
		mostly (50-80%) non-natives	0 0	0 0	0	0 0	0	0	0 (0 0	0	0 0	0	0	0 0	0	0 0) 0	0 0	0 0	0	0	0 (0	0	0	0 0	0	0 0	0	0	0 0	0	0 0	<u>) 0</u>
		mosily (50-80%) halives	1 (1		0	1	1 1		1	1 1) 0	0	1 0	0	0 0		1	0 0	1	1		1	1	0	1 1	1	1 0		1	0 0	0		J U
F48	Shrub & Vine	Of just the shrub & woody vine species that are native:					0							Ŭ				0				-		- · ·		0		<u> </u>		<u> </u>	<u> </u>				<u> </u>
1 10	Species	one or two of the native species together comprise >80% of the shrub & vine cover	1 (0 0	1	1 1	0	1	1 1	1 0	1	1 1	1	0	1 0	0	0	0	1 (0 1	1	1	1	1	1	0	1 1	1	1 0		1	1 1	1		1 1
	Dominance	no two of the native species together comprise >80% of the shrub & vine cover	0 (0 C	0	0 0	0	0	0 0	0 0	0	0 0) 0	0	0 0	0	0 0) ()	0 (0 0	0	0	0 () ()	0	0	0 0	0	0 0	0	0	0 0	0	0 (0 0
F49	Shrub & Vine	Of all the shrub & woody vine species in this AA:																																	
	Species Ubiquity	all are species that are common among Oregon's wetlands (see Plants worksheet, "Common Species" column)	1 (0 0	1	1 1	0	1	1 1	1 0	1	1 1	1	0	1 0	0	0	0	1 (0 1	1	1	1	1	1	0	1 1	1	1 0	1	1	1 1	1		1 1
FFO	Maadu	at least one species is not common among Uregon's wetlands and it covers >1% of the AA or >100 sq. ft	0 0	0 0	0	0 0	0	0	0 (0 0	0	0 0	0	0	0 0	0	0 0) ()	0 0	0 0	0 0	0	0 0	0 0	0	0	0 0	0	0 0	0	0	0 0	0	0 0	J 0
F50	Diameter	Select all the types occupying >5% of the wooded part of the AA or >5% of its uptand edge it that is wooded.	1		1		0	1	1 1		1	1 1	1	0	1 1	1	1 (1	0 1	1	1		1		1	1 1 1		1 1		_	1 1			1 1
	0103363	evergreen 1-4" diameter and >3 ft tall	1	1 0	1	1 0	0	1	0 0) 1	1	1 0) 1	1	0 1	1	1 1		1	1 1	1	1		1	1	1	1 1		1 1		0	0 0	0	0 (0 0
		deciduous 4-9" diameter	0 (0 0	0	0 0	0	0	0 0	0 0	0	0 0) 1	0	0 1	0	0 () 0	0 (0 0	1	1	0 (0	0	0	0 0	0	0 0		1	1 1	1 1		1 1
		evergreen 4-9" diameter	1	1 1	1	1 1	0	0	1 1	1 1	1	1 1	1	1	1 1	1	1 1	1	1 (0 1	1	1	1 '	1	1	1	1 1	1	0 0	1	1	1 1	1		1 1
		dead standing 4-9" diameter	0 (0 0	0	0 0	0	0	0 (0 0	0	0 0) ()	0	0 1	0	0 () 1	0 (0 1	1	1	0 () 0	1	0	0 0	0	1 1	0	0	0 0	0	0 (0 0
		deciduous 9-21" diameter	0 (0 0	0	0 0	0	0	0 0	D 0	0	0 0) 0	0	0 0	0	0 () ()	1 (0 1	0	0	0 () ()	0	0	0 0	0	0 0	0	0	0 0	0	0 0	0 O
		evergreen 9-21" diameter	0	1 0	1	0 1	1	1	1 1	1 1	1	0 0) 1	0	0 1	0	1 (0	0 (0 0	0	1	1	1	1	1	1 1		0 0				$\frac{1}{1}$	0	
		deciduous >21" diameter	0 0		0		0	0			0	0 0		0	0 0	0	0 0		0 0		0	0			0	0	0 0	0	0 0		0	0 0	0	0 0	J 0
		evergreen >21" diameter	0 0		0	0 0	0	0	0 0		0	0 0		0	0 0	0	0 0		0 0	0 0	0	0	0 0		0	0	0 0	0	0 0	0	0	0 0	0	0 (0 0
		dead standing >21" diameter	0 (D 0	0	0 0	0	0	0 0	D 0	0	0 0) ()	0	0 0	0	0 (0 0	0 0	0 0	0	0	0 (0 0	0	0	0 1	1	0 0	0	0	0 0	0	0 (0 0
		Lacks woody vegetation, or none of above occupy >5% of the wooded part of the AA or 5% of the length of the upland	0 (0 C	0	0 0	0	0	0 0	0 0	0	0 0) 0	0	0 0	0	0 (0 0	0 (0 0	0	0	0 (0	0	0	0 0	0	0 0	0	0	0 0	0	0 (0 0
F51	N Fixers	edge. Within the vegetated part of the AA, the cover of nitrogen-fixing plants (e.g., alder, sweetgale, legumes) is:		_	-		-	+		_	$\left \right $		_	$\left \right $	_	+				_		_		_	+	+		+		⊢┼		\rightarrow		++	—
		<1% or none	1	1 1	1	1 1	1	1	1 1	1 1	1	1 1	1	1	1 1	1	1 1	1 1	1	1 1	1 (0	1	1	0	0	1 1	1	1 1	0	1	1 1	1	1 1	1 1
		1-25%	0 (0 0	0	0 0	0	0	0 0	0 0	0	0 0) ()	0	0 0	0	0 () ()	0 (0 0	0	1	0 () 0	1	1	0 0	0	0 0	1	1	1 1	1	1 1	1 1
		25-50%	0 (0 0	0	0 0	0	0	0 0	0 0	0	0 0) 0	0	0 0	0	0 (0	0 0	0 0	0	0	0 (0	0	0	0 0	0	0 0	0	0	0 0	0	0 0	<u>) 0</u>
		5U-75%	0 0		0	0 0	0	0	0 0		0	0 0		0	0 0	0	0 0		0 0		0	0			0	0	0 0	0	0 0		0	0 0	0	0 0	<u> </u>
F52	Waterfowl Food Plants	The percent of the vegetated part of the AA, excluding areas that are never inundated, which contains one or more of these plants: Alisma spp., Beckmannia spp., Polygonum spp., (natives only), Potomogeton (Stuckenia) spp., Ruppia spp.,				0 0			-			0 0														0	0 0	-	0 0			0 0			<u>, , , , , , , , , , , , , , , , , , , </u>
		Sagittaria spp., Sparganium spp., Zostera spp., is: <1% or none, and none are known to occur commonly within the same welland or within 300 ft of this AA	1	1 1	1	1 1	0	1	1 1	1 1	1	1 1	1	1	1 0	1	1 1	1 1	1	1 1	1	1	1	1	1	1	1 1	1	1 1		1	1 1	1		1 1
1	1	<1% or none, but some are known to occur commonly within the same wetland or within 300 ft of this AA	0 (D 0	0	0 0	0	0	0 0	0 0	0	0 0) ()	0	0 0	0	0 (0 0	0 (0 0	0	0	0 (0 0	0	0	0 0	0	0 0	0	0	0 0	0	0 (0 0
		1-10%	0 (0 0	0	0 0	1	0	0 (0 0	0	0 0) ()	0	0 1	0	0 () ()	0 (0 0	0	0	0 (0 0	0	0	0 0	0	0 0	0	0	0 0	0	0 0	0 0
		10-50%	0 0		0	0 0	0	0	0 0		0	0 0		0	0 0	0	0 0		0 0	0 0	0	0			0	0	0 0	0	0 0		0	0 0	0	0 0	<u> </u>
F53	History of	The last time that >5% of the AA's vegetation cover was burned or harvested for hav or timber was:	0 (5 0	0	0 0		0	0 1		0	0 0	, ,	0	0 0	0	0 (, ,	0	0 0	0	0		, ,	0	0	0 0	-	0 0			0 0		0 0	5 0
	Fire or	0-12 months ago, and this occurs almost annually within part of the AA	0 (0 0	0	0 0	0	0	0 0	0 0	0	0 0) 0	0	0 0	0	0 () ()	0 (0 0	0	0	0 (0 0	0	0	0 0	0	0 0	0	0	0 0	0	0 (0 0
	Vegetation	0-12 months ago, but was not an annual (or near-annual) event	0 (0 0	0	0 0	0	0	0 0	0 0	0	0 0) 0	0	0 0	0	0 () 0	0 (0 0	0	0	0 () ()	0	0	0 0	0	0 0	0	0	0 0	0	0 (0 0
	Removal	1-5 years ago	0 (0 0	0	0 0	0	0	0 0	0 0	0	0 0) ()	0	0 0	0	0 (0 0	0 (0 0	0	0	0 (0	0	0	0 0	0	0 0	0	0	0 0	0	0 (0 0
		>5 years ago, or never	0 (0	0 1	1	0	0 1	1 0	0	0 1	0	0	0 0	0	0 () 0	0 (0 0	0	0	0 () 0	0	0	0 0	0	0 0	0	0	0 0	0	0 0	J 0
E5/	Height	UTIKITUWIT Within the stratum (berbaceous, shrub, or tree) that covers the most onsite area, the wetland plants during maximum		0			0					0			1 1		-		-		1	1				1	1 1	4	1 1	\vdash			4	╇┷┯┙	4
ľ ³⁴	Uniformity of	annual cover condition are mostly:			1																														
1	Dominant	of nearly uniform height (+ or - 20% of average)	1	1 1	1	1 1	1	1	1 1	1 1	1	1 1	1	1	1 1	1	1 1	1	1	1 1	1	1	1	1	1	1	1 1	1	1 1			1 0	1	0	1 1
L	Stratum	of very diverse heights (e.g., short & tall forbs, short & mid-height grasses)	0 (D 0	0	0 0	0	0	0 0	0 0	0	0 0) 0	0	0 0	0	0 () 0	0 (0 0	0	0	0 (0 0	0	0	0 0	0	0 0	0	0	0 1	0	1 (0 0
F55	Bare Ground & Plant Litter	In the part of the AA that is inundated only seasonally or is saturated, the usual condition during minimum annual cover conditions in a typical 1 x 1 m plot is:																																	
		little or no (<5%) bare ground or plant litter is visible between stems or under canopy; dense herbaceous ground cover; may be dense perennial grasses, moss, or others with high stem or root density.	0 (0 0	0	0 0	0	0	0 0	0 0	0	0 0	0 0	0	0 0	0	0 (0 0	0 (0 0	0	0	0 (0	0	1	0 1	1	0 0	0	0	0 0	0	0 0	<u>р</u> о
		some (5-20%) bare ground or litter is visible; moderately dense ground cover; may be mostly perennial forbs, creeping vines, fairly sparse grasses.	1 () 1	0	1 1	1	0	1 1	1 0	0	0 0) 0	0	0 0	0	0	0	0 (0 0	0	0	0 (0	0	0	0 0	0	0 0	1	0	0 0	0	0 0) <u>о</u>
I		much (20-50%) bare ground or plant litter is visible; low stem density; may be mostly woody plants, cattail, bulrush, sparse annuals.	0	0	1	0 0	0	1	0 0	0 1	1	1 1	1	1	1 1	1	1 () 1	1	1 1	1	1	1	1	1	0	0 0	0	1 1	0	1	1 1			1

		Assessment Area	1	2 3	4	5	6a-b	7	8 9	10	11	12 13	Ba-d 14	15	16	17 18	3 19	20	21	22 23	24	25 26	ba-b 2	7a-c 28a-	29a-c	30 3	1 3	2 33	34	35	36 37	38	39	40	41	42 43a	-e 44	45	46
		mostly (>50%) bare ground or plant litter	0	0 0	0	0	0 () (0 0	0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0	0 () () ()	1	0	0 0	0	0	0	0	0 0	0	0	0
F56	Upland Edge	Most of the edge between the wetland and upland is (select one):	W	WW	W N	W	W V	٧I٧	NW	/ W	W	W۱	NIN	/ W	W	wlw	/ W	/ W	W	wlw	W	W۱	NI	w I w	W	WV	VV	vIw	W	W	WW	/ W	' W	W	W	WV	/ W	W	W
	Complexity	Linear: a significant proportion of the AA's upland edge is straight, as in AAs bounded by partly or wholly by dikes or roads	0	0 0	0	0	0 () (0 0	0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0	0 (0 0) 0	0	0	0 0	0	0	0	0	0 0	0	0	0
		Convoluted: Wetland perimeter is many times longer than maximum width of the wetland, with many alcoves and indentations ("fingers")	0	1 1	0	0	0 () (0 0	0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0	0 () () 0	0	0	0 0	0	0	0	0	1 0	0	0	1
		Intermediate: AA's perimeter either (a) is only mildly convoluted, or (b) mixed contains about lengths of linear and convoluted segments.	1	0 0	1	1	1 1	1	1 1	1	1	1	1 1	1	1	1 1	1	1	1	1 1	1	1	1	1 1	1	1	1 1	1	1	1	1 1	1	1	1	1	0 1	1	1	0
F57	Upland	The extent of inclusions of upland within the AA (as indicated by their topography, plants, and/or soils) is:																																					
	Inclusions	Many (e.g., wetland-upland "mosaic") Few or none	0	0 0 1 1	0	0	0 (1	0 0 1 1	0	0	1	0 0 1 1	0	0	0 0	0	0	0	0 0	0	0	0	1 1 0 0	1 0	1 (0) (1 1) 0	1 0	0	0 0	0	0	0	0	0 0	0	1 0	1 0
F58	Soil Composition	The composition of the soil in the soil pit at the ground surface (uppermost soil layer and excluding the <i>duff layer</i> , see protocol in ORWAP Manual) is:																																					
	in the Soil Pit	Loamy: includes silt, silt loam, loam, sandy loam	0	0 0	0	0	1	1	0 1	1	0	1	1 1	1	1	1 0	1	1	0	1 1	1	1	1	0 0	0	0	1 1	l 1	1	1	1 1	1	1	1	1	1 1	1	1	1
		Clayey: includes clay, clay loam, silty clay, silty clay loam, sandy clay, sandy clay loam Organic: includes muck muck neat and mucky minoral	0	0 0	0	0	0 0			0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0		0	0			0	0	0 0	0	0	0	0	0 0	0	0	0
		Coarse : includes induk, induk y peat, peat, and induk y initial Coarse : includes sand, loamy sand, gravel, cobble, stones, boulders, fluvents, fluvaguents, riverwash	1	1 1	1	0	0 0	0	1 0	0	1	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0	0) 0	0	0	0 0	0	0	0	0	0 0	0	0	0
F59	Downed	The number of downed wood pieces longer than 6 ft and with diameter >6", and not submerged by water when water is																	_											-									
	Wood	present, is: Several (>5 if AA is >10 acres, or >2 for smaller AAs)	0	0 0	0	0	0		0 1	1	1	0	1 0	0	0	1 0	0	0	1	1 0	0	1	0	1 1	1	1 () 1	0	1	1	1 0	1	1	1	1		1	1	
		Few or none	1	1 1	1	1	1 ()	1 0	0	0	1	0 1	1	1	0 0	1	1	0	0 1	1	0	1	0 0	0	0	1 () 1	0	0	0 1	0	0	0	0	0 0	0	0	0
F60	Ground Irregularity	The number of animal burrows, mounds, hummocks, boulders, upturned trees, islands, natural levees, dry channels, pits, wide soil cracks, and microdepressions (in parts of the AA that lack persistent water) is:																																					
		Several (extensive micro-topography)	0	0 0	0	0	0 () (0 0	0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	0	1	0 0	0	0 () () ()	0	0	0 0	0	0	0	0	0 1	0	0	1
		Few or none (minimal microtopography; <1% of the area that isn't persistently inundated); e.g., many flat sites having a single hydroperiod	0	0 0	0	0	0 0	0	0 0	0	0	0	0 0	1	0	0 1	0	0	0	0 0	0	0	0	0 0	0	0 () () 0	0	0	0 1	1	0	0	0	0 0	0	0	0
F / 4		Intermediate	1	1 1	1	1	1 1	1	1 1	1	1	1	1 1	0	1	1 0	1	1	1	1 1	1	1	0	1 1	1	1	1 1	1	1	1	1 0	0	1	1	1	1 0	1	1	0
F61	Internal Gradient	The gradient along most of the AA's water flow paths (both sheet and channel flow) is:	0	0 0	0	0	0 0		0 0	0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0	0			0	0	0 0	0	0	0	0		0	0	
	Graduent	6-10%	0	0 0	0	0	0 0		0 0	0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0	0 0) 0	0	0	0 0	0	0	0	0	0 0	0	0	0
		2-5%		0 0	0	0	0 1	1 (0 0	1	0	0	1 1	1	1	0 1	1	1	0	1 1	1	1	1	0 0	0	1	1 () ()	0	0	0 0	0	0	1	1	1 1	1	1	1
F(0	Eleb Assess	Flat (<2%, no slope or flow is ever apparent. Includes most depressional sites	1	1 1	1	1	1 ()	1 1	0	1	1	0 0	0	0	1 0	0	0	1	0 0	0	0	0	1 1	1	0 () 1	1	1	1	1 1	1	1	0	0	0 0	0	0	0
F62	FISH Access From Offiste	Small fish (e.g., stickleback, minnow) from elsewhere in the watershed can access part of this AA for at least 2 days during most years or are known to already be present onsite.	I		1	1	0			1	'	1	0 1		1	1 1	'	1	0	1 0	1	1	0	0 0	0	1)	0	I	1 1			I	I		I	1	
F63	Nesting or Poosting	Within the AA or within its wetland or within 300 ft of AA, there are bridges, buildings, caves, or ledges with openings/ crevices, well maintained bird or bat bayes, elevated platforms, or other artificial structures suitable for pasting by some	0	0 0	0	1	1 1	1	1 0	1	1	1	0	1	0	0 1	0	0	0	0 0	0	0	0	0 0	0	0	ייייי	0	0	0	0 0	0	0	0	0	0 0	0	0	0
	Structures	native bird or bat species.																					_																
F64	Cliffs, Banks, or Beaver	In the AA or within its wetland or within 100 ft of the AA, there are elevated terrestrial features such as clifts, stream banks, excavated nits, or numice walls (but not rinran) that extend at least 6 ft, nearly vertically, are unvegetated, and notentially	0	0 0	0	0	0 0		0 0	0	0	1 I.	0 0	0	0	0	11	1.1	0	0 0	0	U	0	0 0	0	U		0	0	' I	0	0					1	' I	
	of Beaver	contain crevices or other substrate suitable for nesting or den areas. Or there is evidence that beaver have used this AA																																					
E45	Vicibility	(e.g., gnawed limbs). The maximum percent of the wattend that is visible from the best ventage point on public reads, public parking late, public			_			_	_			_		_									_		-		_					_				+-+			\square
F03	VISIDIIILY	buildings, or public paved paths that adjoin or are within 300 ft of the AA (select one) is:																																					
		>50%	0	0 1	0	1	0 (0 0	0	1	0	0 0	0	1	1 0	0	1	0	1 0	0	0	0	0 0	0	0		0	0	0	0 1	0	0	0	0	0 0	0	0	0
		<25%	0	0 0	1	0	0	1	1 1	1	0	1	1 1	1	0	0 0	1	0	1	0 1	0	0	1	1 1	1	1 () 1	1	1	1 0	0	1	1	1	0 1	1	1	1
F66	Ownership	Most of the AA is (select one):	-			-	-														-											-							
		in public ownership	0	0 0	0	0	0 (0	0 0	0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0	0 (0 0) 1	0	0	0 0	1	0	0	0	0 0	0	0	0
E67	Dublic	in private ownership	1	1 1	1	1	1 1	1	1 1	1	1	1	1 1	1	1	1 1	1	1	1	1 1	1	1	1	1 1	1	1	1 1	0	1	1	1 1	0	1	1	1	무무	1	1	卢믝
F07	Access	to anyone, on any date, no permit required	0	0 0	0	0	0 0	0	0 0	0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0	0 0	0 0	0	0	0	0 0	1	0	0	0	0 0	0	0	0
		to anyone, but only on particular dates, no permit required	0	0 0	0	0	0 () (0 0	0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0	0 () () 0	0	0	0 0	0	0	0	0	0 0	0	0	0
		only on a case-by-case or permit basis, on any date	0	0 0	0	0	0 (0 0	0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0	0 () ()	0	0	0 0	0	0	0	0	0 0	0	0	0
		only on a case-by-case or permit basis, only on particular dates seldom or never	0	0 0	0	0	0 0	0	0 0	0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0	0			0	0	0 0	0	0	0	0		0	0	0
		(do not know)	1	1 1	1	1	1	1	1 1	1	1	1	1 1	1	1	1 1	1	1	1	1 1	1	1	1	1 1	1	1	1 1	1	1	1	1 1	0	1	0	0	0 0	0	0	0
F68	Non-	Assuming access permission was granted, select all statements that are true of this AA as it currently exists:																												_									
	consumptive Uses -	Walking is physically possible in >5% of the AA during most of year, e.g., free of deep water and dense shrub thickets	0	1 1		1			1 1	1		1	1 1	1	1	1 1	<u>'</u>		1	1 1	1	1	1	1 1	1	1			1	1	1 1	1		1	1		1	1	
	Actual or Potential	All or part of the AA (or an area within sight of the AA and within 100 ft) would be physically accessible to people in wheelchairs, e.g., paved and flat	1	1 1	0	0	1 (0 0	0	0	0	1 0	0	0	1 0	0	0	0	0 0	0	0	0	1 1	1	0 () 0	0	0	0 0	0	0	0	0	0 1	0	0	0
		Maintained roads, parking areas, or foot-trails are within 30 ft of the AA, or the AA can be accessed most of the year by boat	1	1 1	0	1	1 1	1	0 0	1	1	1	1 0	0	1	1 0	1	1	0	1 0	1	1	0	1 1	1	1	1 1	0	0	0	0 1	1	0	1	1	1 1	1	1	1
F69	Sustained	Plants, animals, or water in the AA have been monitored for >2 years, unrelated to any regulatory requirements, and data	0	0 0	0	0	0 (D	0 0	0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0	0 0	0 0	0	0	0	0 0	0	0	0	0	0 0	0	0	0
	Scientific Use	are available to the public. Or the AA has been designated by an agency or institution as a benchmark, reference, or status- trends monitoring wetland.																																					
		(do not know)	1	1 1	1	1	1 1	1	1 1	1	1	1	1 1	1	1	1 1	1	1	1	1 1	1	1	1	1 1	1	1	1 1	1	1	1	1 1	1	1	1	1	1 1	1	1	1
F70	Consumptive Uses	Recent evidence was found within the AA of the following potentially-sustainable consumptive uses. Select all that apply.										Τ											Τ				Τ												
	(Provisioning	low-impact commercial timber harvest	0	0 0	0	0	0 0		0 0	0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0	0 (0	0	0	0 0	0	0	0	0	0 0	0	0	0
	JCI 11023)	commercial harvesting of hay or mushrooms	0	0 0	0	0	0 0		0 0	0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0	0 0) 0	0	0	0 0	0	0	0	0	0 0	0	0	0
		waterfowl hunting or furbearer trapping	0	0 0	0	0	0 ()	0 0	0	0	0	0 0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0	0 () 0	0	0	0 0	0	0	0	0	0 0	0	0	0
		fishing (including shellfish harvest)	1	1 1	1	1	0	1	1 1	1	1	1	0 1	1	1	1 0	1	1	0	1 0	1	1	0	0 0	0	1	1 0) 1	0	1	1 0	0	0	0	0	0 0	0	0	0
F71	Domestic	ivone or me autove Wells that currently provide drinking water are:	U	U 0	0	U	. (,	v 0	0	0	U	0	U	U	U	U	U		U	U	U				U I	, 1	U		U	U								
	Wells	Within 500 ft and downslope from the AA	0	0 0	1	1	1 1	1	1 1	1	1	1	1 1	1	0	1 1	0	0	1	0 1	1	0	0	1 1	0	1	1 1	1	1	1	1 1	0	1	1	1	0 1	0	1	1
I		500-1000 ft and downslope	0	0 0	0	0	0 ()	0 0	0	0	0	0 0	0	1	0 0	0	0	0	0 0	0	0	1	0 0	0	0 () () 0	0	0	0 0	0	0	0	0	0 0	0	0	0
																																						0	1

	1	Assessment Area	1	2 3	4	5	6a.h	7 8	0	10	11 12	13a-d	1/	15 1	6 17	18	10 3	20 21	22	23 24	25	26a.h 27a.c	28a.h 2	2a-c 30	21 32	33	3/1 35	36	37 38	20	40	41	42 4	13a-e 44	45	46
<u> </u>		1000 A deumelana er nara deumelana er AA is tidal er na information	1	2 5		0	00-00	0 0	,	0	0 0	150 0	0	0 0		0	17 2	1 0	1	23 24	23	200-0 270-0	200-0 2	1 0	0 0	. 55	0 0	- 30	0 1	37	40	-11	12 1	0 1	45	40
570	Colling out	>1000 IL downsiope, or none downsiope, or AA is udal, or no information			0	0	0	0 0	0	0	0 0	0	0	0 0	, ,	0				0 0		0 0	0		0 0	0	0 0	0	0	0	U	0			<u> </u>	
F/2	Sediment	Excessive accumulation of sediment has caused problems for large boats, with shoaling in some cases necessitating																																		1
	Removal	frequent dredging, in waters that are located:															_											_							+	
		contiguous to the AA, or <1 mile downslope from the AA	0	0 0	0	0	0	0 0	0	0	0 0	0	0	0 0	0 (0	0	0 0	0	0 0	0	0 0	0	0 0	0 0	0	0 0	0	0 0	0	0	0	0	0 0	0	0
		1-5 miles downslope	0	0 0	0	0	0	0 0	0	0	0 0	0	0	0 0) ()	0	0	0 0	0	0 0	0	0 0	0	0 0	0 0	0	0 0	0	0 0	0	0	0	0	0 0	0	0
		>5 miles downslope, or no accumulation problems, or no information	1	1 1	1	1	1	1 1	1	1	1 1	1	1	1 1	1 1	1	1	1 1	1	1 1	1	1 1	1	1 1	1 1	1	1 1	1	1 1	1	1	1	1	1 1	1	1
F73	Devegetation	The percent of the AA's vegetation cover that normally grows taller than 4 inches but which has been persistently reduced																																		1
		to less than that height by mowing and/or grazing by domestic or wild animals is:																							1 1											
		>95%	0	0 0	0	0	0	0 0	0	0	0 0	0	0	0 0	0 (0	0	0 0	0	0 0	0	0 0	0	0 0	0 0	0	0 0	0	0 0	0	0	0	0	0 0	0	0
		50-90%	0	0 0	0	0	0	0 0	0	0	0 0	0	0	0 0) ()	0	0	0 0	0	0 0	0	0 0	0	0 0	0 0	0	0 0	0	0 0	0	0	0	0	0 0	0	0
		5-50%	0	0 0	0	0	0	0 0	0	0	0 0	0	0	1 0) 0	0	0	0 0	0	1 0	0	0 0	0	1 0	0 1	0	0 0	0	1 0	0	0	0	0	0 0	0	0
		25% or grazing/ mowing does not cause the described condition	1	1 1	1	1	1	1 1	1	1	1 1	1	1	0 1		1	1	1 1	1	0 1	1	1 1	1	0 1	1 0	1	1 1	1	0 1	1	1	1	1			1
E74	Coro Aroa 1	The next of the AA almost never visited by humans during an average vear probably comprises:		-			-																													
174	COIC AICA I	C0/ of the AA C0/ of the AA	1	0 0	0	0	0	0 0	0	0	0 0	0	0	0 0		0	0	0 0	0	0 0		1 0	0	0 0	0 0	0	0 0	0	0 1	0	1	1	1	0 1		1
		>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>		0 0	0	1	1		0	1	0 0	0	0	0 0		0	1		1	1 1	0	0 1	1		0 0	0	0 0	0		1			0			
			0		0				0		0 0	0	0	0 1		0						0			0 0	0	0 0	0	0 0		0	0	0		0	0
		5-50%, 01 <5% but initiating is within 300 it of the AA	0	0 0		0	0			0			0				0		0	0 0	0	0 0	0	0 0						0	0	0	0	0 0	0	0
		<5%, and no inhabited building within 300 it of the AA	U	0 0	U	0	U	0	0	U	0 0	0		0 0	0	0	0	0	U	0 0	0	0 0	0	0 0	0 0	0	0 0	0	0 0	0	0	0	0	0 0	U	
F/5	Core Area 2	The part of the AA visited by humans almost daily for several weeks during an average year probably comprises:																																		1
1						+										+																			+	
		>95% of the AA	0	0 0	0	0	0	0 0	0	0	0 0	0	1	0 0	0 (0	0	0 0	0	0 0	0	0 0	0	0 0	0 0	0	0 0	0	0 0	0	0	0	0	0 0	0	0
		50-95%	0	0 0	1	0	0	1 0	0	0	0 1	0	0	0 0	0 0	0	0	0 0	0	0 0	0	0 0	0	0 0	0 0	0	0 0	0	0 0	0	0	0	0	0 0	0	0
		5-50%	0	1 1	0	1	0	0 1	1	1	1 0	0	0	1 1	1 1	1	1	1 1	1	1 1	1	0 1	1	0 0	1 1	1	1 1	1	1 1	0	0	0	0	0 0	0	0
		<5%	1	0 0	0	0	1	0 0	0	0	0 0	1	0	0 0	0 0	0	0	0 0	0	0 0	0	1 0	0	1 1	0 0	0	0 0	0	0 0	1	1	1	1	1 1	1	1
F76	Weed Source	Along the AA's boundary with upland, the percent of the upland edge (within 10 ft of AA) that is occupied by species that																																		
	Along Upland	are marked as invasive in the Plants worksheet is:																																		1
	Edge	most (>50%) of the upland edge	0	0 0	0	0	0	0 0	0	0	0 0	0	0	0 0	0 0	0	0	0 0	0	0 0	0	0 0	0	0 0	0 0	0	0 0	0	0 0	0	0	0	0	0 0	0	0
		much (5-50%) of the unland edge	0	0 0	0	0	0	0 0	0	0	0 0	0	1	0 0	0 0	0	0	1 0	0	0 0	0	0 0	0	0 0	0 0	0	0 0	0	0 0	0	0	0	0	0 0	0	0
		some (1-5%) of the upland edge	0	1 0	0	1	0	1 1	1	1	1 1	1	0	1 1	1 1	1	1	0 1	1	1 1	1	1 1	1	1 1	1 1	1	1 1	1	1 1	1	1	1	1			1
		none of the upland edge (invasives apparently absent) or AA is an island with no upland	1	0 1	1	0	1	0 0	0	0	0 0	0	0	0 0) ()	0	0	0 0	0	0 0	0	0 0	0	0 0	0 0	0	0 0	0	0 0	0	0	0	0	0 0	0	0
F77	Natural Land	Within 100 ft unslone of the AA's wetland-unland houndary, the percent of the unland that contains natural (not		<u> </u>		, ,		<u> </u>	Ť	Ť		Ű					<u> </u>	<u> </u>			L I			<u> </u>		Ť			<u> </u>	Ť	, ,	, ,	-		<u> </u>	
,	Covor in	necessarily native) land cover is:																																		1
	Cover III Puffor		1	0 1	0	0	0	0 0	1	0	0 0	1	0	0 1	1 1	1	1	1 1	1	1 0	1	1 0	0	0 0	0 1	1	0 0	0	1 1	0	0	0	1	0 1		1
	Dullei			1 0	0	0	0			0	0 0	0	1	0 0		0	0	0 0	0	0 1	0	0 1	0	0 0	0 0	0	0 0	0	0 0	1	1	1	0			
			0	0		0	0		0	U	1 0	0	0	1 0		0	0		0	0 0	0	0			0 0	0		0	0 0				0			0
		30 10 60%	0	0 0	0		-	0 0	0	0	0	0	0		0	0	0	0 0	0	0 0	0	0 0	0	0 0	0	0	0		0 0	0	0	0	0	0 0	0	0
		5 to 30%	0	0 0	0	0	0	1 0	0	1	0 0	0	0	0 0) ()	0	0	0 0	0	0 0	0	0 0	0	0 0	0 0	0	0 0	0	0 0	0	0	0	0	0 0	0	0
		<5%	0	0 0	0	0	0	0 0	0	0	0 1	0	0	0 0) ()	0	0	0 0	0	0 0	0	0 0	0	0 0	0 0	0	0 0	0	0 0	0	0	0	0	0 0	0	0
F78	Type of Land	Within 100 ft upslope of the AA's wetland-upland boundary, the upland land cover that is not natural (as defined above) is																																		1
	Cover	mostly:																																		,
	Alteration in	impervious surface, e.g., paved road, parking lot, building, exposed rock	1	1 1	0	1	1	0 0	0	0	0 0	0	0	0	0	0	0	0 0	0	0 0	0	1 0	0	1 1	1 0	0	0 0	0	0 0	0	0	0	0	0 0	0	0
	Buffer	bare pervious surface, e.g., dirt road, dike, dunes, recent clearcut, landslide	0	0 0	0	0	0	0 0	0	0	0 0	0	0	1 0	0 (1	0	0 0	0	0 0	0	0 1	1	0 0	0 0	0	0 0	0	0 0	0	0	0	0	0 0	0	0
		cultivated row crops or orchard	0	0 0	0	0	0	0 0	0	0	0 0	0	0	0 0	0 (0	0	0 0	0	0 0	0	0 0	0	0 0	0 0	0	0 0	0	0 0	0	0	0	0	0 0	0	0
		artificially landscaped areas or lawn	0	0 0	1	0	0	1 1	0	1	1 1	0	1	0 0) 1	0	0	0 0	0	0 1	0	0 0	0	0 0	0 0	0	1 1	1	0 0	1	1	1	0	1 0	1	0
		grain fields, or grassland grazed or mowed to a height usually shorter than 4 inches	0	0 0	0	0	0	0 0	0	0	0 0	0	0	0 0	0 (0	0	0 0	0	0 0	0	0 0	0	0 0	0 0	0	0 0	0	0 0	0	0	0	0	0 0	0	0
		other	0	0 0	0	0	0	0 0	0	0	0 0	0	0	0 0	0 0	0	0	0 0	0	0 0	0	0 0	0	0 0	0 0	0	0 0	0	0 0	0	0	0	0	0 0	0	0
		(buffer is >90% natural land cover or AA occupies all of an island)	0	0 0	0	0	0	0 0	1	0	0 0	1	0	0 1	0	0	1	1 1	1	1 0	1	0 0	0	0 0	0 1	1	0 0	0	1 1	0	0	0	1	0 1	0	1
F79	Buffer Slope	Along the AA's wetland-upland boundary and extending 100 ft uphill, the average slope of the land is mostly:																																		
																																				1
		<1% (flat almost no noticeable slope, or there is no upland boundary)	0	0 0	0	0	0	0 0	0	0	0 0	0	0	0 0	0 0	0	0	0 0	0	0 0	0	0 0	0	0 0	0 0	0	0 0	0	0 0	0	0	0	0	0 0	0	0
		2-5%	1	1 1	1	1	1	1 0	1	1	1 0	1	1	0 1	1 1	1	1	0 1	1	1 1	1	1 0	0	1 1	0 1	1	1 1	1	1 1	1	1	1	1	1 1	1	1
		5-30%	0	0 0	0	0	0	0 1	0	0	0 1	0	0	1 0) ()	0	0	1 0	0	0 0	0	0 1	1	0 0	1 0	0	0 0	0	0 0	0	0	0	0	0 0	0	0
		30%	0	0 0	0	0	0	0 0	0	0	0 0	0	0	0 0) 0	0	0	0 0	0	0 0	0	0 0	0	0 0	0 0	0	0 0	0	0 0	0	0	0	0	0 0	0	0
F80	Edge Slone	Within 10 ft of nonded surface water (if any) in early summer, the percent of the vegetated area (wetland or unland) that	Ť		Ť	Ť	<u> </u>	<u> </u>	Ť	Ť		Ű					<u> </u>	<u> </u>			L I			<u> </u>		Ť			<u> </u>	Ť	, ,	ů	-		<u> </u>	
1 00	Euge Slope	has a nontile or moderate signa (less than 5% signa) is:																																		1
		na a gonte or moderate slope (less than 5x slope) is:	0	1 0	0	0	0	0 0	1	1	0 0	0	0	0 1	1 1	1	0	0 1	0	0 0		1 0	0	0 0	1 1	0	0 0	0	1 0	1	0	0	0	0 0	-	0
		>/3%	0	0 0	0	0	0				0 0	0	0	0			0		0	1 0	0	0 0	0			0	0 0	0			0	0	0	0 0	0	0
		00-75% 25 F00/	0	0 0	0	0	0		0	0	0 0	0	0	0 0		0	0		0		0	0 0	0		0 0	0	0 0	0	0 0	0	0	0	0	0 0	0	0
		20-50%	0	0 0	0	0	0		0	0	0 0	0	0	0 0		0	0		0	0 0	0	0 0	0	0 0	0 0	0	0 0	0	0 0	0	0	0	0			
1		10/	0	0 0	0	U			0	U	1 0	U	U	0 0		0	0		0	0 0		0 0	0		0 0	0	0 0	U	0 0	U	U	0	U	0 0	0	U
1		<1%,	U	υ 0	0	0	U		0	U	0	0	U	U 0	0 1	0	U	0	U	0 0	U	0 0	U	U 0	U 0	0	0 0	0	U 0	0	U	U	U	0 0	U	<u> </u>
L		(ponded surface water in early summer covers <1% of AA, or AA is tidal)	1	0 1	1	1	0	υ 0	0	0	0 1	1	1	0) 0	0	1	0	1	υ 0	1	0 1	1	0	0 0	1	1 1	1	0 1	0	0	0	0	U 0	U	U
F81	Independent	How likely is it that any or all of this AA will persist as a wetland (not necessarily of the same type) if an existing dike or																																		
1	y Sustainable	berm, water control structure (e.g., dam, weir), or pumping/ diversion system that now helps sustain it and is within 1 mile																																		
1	Hydrology	of the AA was removed or became inoperable?																																		
1		Very likely, or no such feature is present (greater sustainability potential)	1	1 1	1	1	1	1 1	1	1	1 1	1	1	1 1	1 1	1	1	1 1	1	1 1	1	1 0	0	0 1	1 1	1	1 1	1	1 1	1	1	1	1	1 1	1	1
1		Somewhat likely part but not all of the AA would remain a wetland	0	0 0	0	0	0	0 0	0	0	0 0	0	0	0 0	0 0	0	0	0 0	0	0 0	0	0 1	1	1 0	0 0	0	0 0	0	0 0	0	0	0	0	0 0	0	0
1		Unlikely or not at all (lower sustainability potential)	0	0 0	0	0	0	0 0	0	0	0 0	0	0	0 0	0 (0	0	0 0	0	0 0	0	0 0	0	0 0	0 0	0	0 0	0	0 0	0	0	0	0	0 0	0	0
																																				_

		Assessment Area	47	48	49	50a-c	51	52	53	54 55	56	57	58	59	60 6	1 62	63	64 6	65 66	67	68 69	70	71a-b	72	73 743	a-c 75	76	77	78	79	80 8	1 82	83	84	85 8	36 8	7 88	89	90 '	91
F1	Presence of	Does the AA contain, or is it part of, any of these wetland types? Mark "1" next to all that apply.	W	W	W	W	W	W	W V	W W	/ W	W	W	W	wv	/ W	W	W۱	NW	W	W W	/ W	W	W۱	ΝV	/ W	/ \//	W	W	W	WV	v w	W	W	WV	NV	N W	W	W V	W
	Specific Wetland	Tidal wetland: receives tidal water at least once during a normal year, regardless of salinity, and dominated by emergent	0	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0 0	0	0 0	0	0	0	0 0	0	0	0	0	0	0 0		0	0	0 (0 (D 0	0	0	0
	Types	or woody vegetation. Lacustrine wetland: an undiked non-tidal wetland bordering a body of standing open water that is >20 acres.	0	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0 0	0	0 0	0	0	0	0 0	0	0	0	0	0	0 0) 0	0	0	0 (0 (0 0	0	0	0
		Fringe wetland: an undiked "shoreline" wetland bordering persistent open water that is >3 times wider than the wetland	0	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0 0	0 0	0	0 0	0	0	0	0 0	0	0	0	0	0	0 0	0	0	0	0 (0 (0 0	0	0	0
		(includes most tidal, lacustrine, large riverine, some others). NONE of above	1	1	1	1	1	1	1	1 1	1	1	1	1	1 1	1	1	1	1 1	1	1 1	1	1	1	1 1	1	1	1	1	1	1	1	1	1	1	1	1 1	1	1	1
F2	Wetland	Does the AA contain, or is it part of, any of these wetland types? Mark "1" next to all that apply. Consult the "Rare Wetland	1/1/	\M/	1//	\ N /	1//	1//	W/ 1	N/ \/	1 \\/	1/1/	1//	W/ 1	W V	/ \/		W/ \		1//	۰. ۱۸/ ۱۸		1//	1// 1	N V		1 \\/	1/1/	1/1	1//	W V		1	\ N /	W V	N V	N/ \N/	١٨/	W/ 1	Ŵ
	Type of Conservation	Type" reported for the general vicinity by the Oregon Explorer web site, but be aware that those may not apply to the exact AA you have delimited.	vv	VV	VV	vv	vv	vv	vv		/ / //	VV	vv	vv	vv	v vv		vv		vv	~		vv	vv		v vv		vv	vv	vv	vv	v vv	vv	vv	vv		VVV	vv		vv
	Concern	Bog or Fen: contains a sponge-like organic soil layer which covers most of the AA AND often has extensive cover of sedges and/or broad-leaved evergreen shrubs (e.g., Ledum). Often lacks tributaries, being fed mainly by groundwater	0	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0 0	0	0 0	0	0	0	0 0	0	0	0	0	0	0 0) 0	0	0	0 (0 0	0 0	0	0	0
		and/or direct precipitation. Plava .Salt Flat. or Alkaline Lake: a non-tidal ponded water body usually having saline (salinity >1 ppt or conductivity	0	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0 0	0	0 0	0	0	0	0 0	0	0	0	0	0	0 () 0	0	0	0 /	0 (0 0	0	0	0
		>1000 μ S) or alkaline (conductivity >2000 μ S and pH >9) conditions and large seasonal water level fluctuations (if inputs- outputs unregulated). If a playa or salt flat venetation cover is sparse and plants twiced of saling or alkaling conditions		Ū	Ŭ	Ū	0	Ŭ	Ŭ		Ű	Ů	Ŭ	Ĵ									Ŭ	Ŭ				Ű	Ũ	Ű			Ű	0	0	5		Ū	J	0
		(e.g., Distichtis, Atriptex) are common.	0	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0 0		0 0	0	0	0	0 0	0	0	0	0	0	0 (0	0	0 0	0 (0	0		0
		The spring (anywhere in Oregon), a weitand where discharging groundwater in summer is >10 degrees (r) warmer than the expected water temperature.	0	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0		0	0 0	0	0	0		0	0	0	0	0	0 0		0	0				0	0	0
		or outlet, and dominated primarily by graminoids often including species in column E.	0	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0 0	0	0 0	0	0	0	0 0	0	0	0	0	0	0 0	0	0	0		J U		0	0	0
		Vernal pool (Willamette Valley): a seasonally inundated wetland, underlain by hardpan or claypan, with hummocky micro- relief, usually without a naturally-occurring inlet or outlet, and with plant species distinctly different from those in slighly higher areas, and often including species in column E.	0	0	0	0	0	0	0	0 0	0	0	0	0	0 (0	0	0	0 0	0	0 0	0	0	0	0 (0	0	0	0	0	0 0	0	0	0	0 0	5 0	0 0	0	0	0
		Vernal pool (Medford area): a seasonally inundated acidic wetland, underlain by hardpan, with hummocky micro-relief, usually without a naturally-occurring inlet or outlet, and having concentric rings of similar vegetation, often including species is achieved.	0	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0 0	0	0 0	0	0	0	0 0	0	0	0	0	0	0 (0	0	0	0 0	0 0	0 0	0	0	0
		Vernal pool (Modoc basalt & Columbia Plateau): a seasonally inundated wetland, usually without a naturally-occurring inlet a cuttet located as challow basalt badrack and often having engine in solvers.	0	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0 0	0	0 0	0	0	0	0 0	0	0	0	0	0	0 0	0	0	0	0 (0 0	0 0	0	0	0
		Interdual wetland (Coastal ecoregion): a seasonally inundated wetland, usually without a naturally-occurring inlet or output located between sand duras where wind has secured the sand down to the water table (deflation plain) and often	0	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0 0	0	0 0	0	0	0	0 0	0	0	0	0	0	0 (0	0	0	0 (0 0	0 0	0	0	0
		with significant cover of species in column E.	0	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0		0	0 0	0	0 0	0	0	0	0 0	0	0	0	0	0	0 (0	0		0 (0	0		
		exceeds 18 inches, and/or the average age of trees exceeds 80 years, or there are >5 trees/acre with diameter >32 inches.	U	0	0	0	U	U	0	0 0	0	0	U	0	0 1	0	0	0	0 0	0		0	U	0	0 1	0	0	0	0	U	0 1		U	U	0 0	5 0	5 0	0	U	U
		Ultramafic soil wetland (mainly southwestern Oregon): a low-elevation wetland, usually with a sponge-like organic soil layer, occurring in an area with exposed serpentine or peridotite rock, and/or in soils with very low Ca:Mg ratios.	0	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0 0	0	0 0	0	0	0	0 0	0	0	0	0	0	0 (0	0	0	0 0	0 0	0 0	0	0	0
		Wooded tidal wetlands with >30% cover of trees and shrubs. A wetland inundated at least once annually by tides and often dominated by woody plant species.	0	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0 0	0	0 0	0	0	0	0 0	0	0	0	0	0	0 0	0	0	0	0 0	0 0	0 0	0	0	0
		Undiked tidal freshwater wetland: an emergent or wooded wetland inundated at least once annually by tides and with surface salinity <0.5 ppt during most of spring and summer, and which has never been diked.	0	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0 0	0	0 0	0	0	0	0 0	0	0	0	0	0	0 0	0 0	0	0	0 0	0 0	0 0	0	0	0
F3	Low Marsh	NONE of above The percent of the vegetated part of the AA that is "low marsh" (covered by tidal water for part of almost every day) is:	1	1	1	1	1	1	1	1 1	1	1	1	1	1 1	1	1	1	1 1	1	1 1	1	1	1	1 1	1	1	1	1	1	1 1	1	1	1	1 1	1 1	1 1	1	1	1
						0				_	<u> </u>		_					_			_	_	0														_	0		
		>Y5% of the AA 50-95% of the AA	0	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0 0		0	0 0	0	0	0		0	0	0	0	0	0 0	0	0	0	0 0	<u> </u>		0	0	0
		25-50% of the AA	0	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0 0	0 0	0	0 0	0	0	0	0 0	0	0	0	0	0	0 0	0	0	0	0 0	0 0) 0	0	0	0
		1-25% of the AA	0	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0 0	0	0 0	0	0	0	0 0	0	0	0	0	0	0 0	0	0	0	0 (0 0	0 (0	0	0
_		<1% or none of the AA (high marsh only)	0	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0 0	0	0 0	0	0	0	0 0	0	0	0	0	0	0 0	0	0	0	0 0	0 0	0 (0	0	0
⊦4	Nontidal	AA is (select one):	W	W	W	W	W	W	W۱	W W	/ W	W	W	W	W V	V W	/ W	W V	NW	W	W W	/ W	W	W۱	NV	V W	/ W	W	W	W	WV	V W	W	W	WV	NV	V V	W	W۱	W
	Hydroconnec tivity	conliguous to a non-tidal palustrine wetland that contains surface water at least seasonally, and mostly not separated by a dike or other barrier, allowing fish access to both wetlands during spring.	0	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0 0	0	0 0	0	0	0	0 0	0	0	0	0	0	0 0	0 0	0	0	0 (0 0	0 0	0	0	0
		contiguous to a non-tidal palustrine wetland that contains surface water at least seasonally, but mostly separated by a dike or other barrier, yet still allowing fish access to both wetlands during spring.	0	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0 0	0	0 0	0	0	0	0 0	0	0	0	0	0	0 (0	0	0	0 (0 0	0 0	0	0	0
		not contiguous to a non-tidal palustrine wetland that contains surface water, but has an inflowing stream that allows fish during the springtime to access a non-tidal wetland < 1 mile upstream.	0	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0 0	0	0 0	0	0	0	0 0	0	0	0	0	0	0 (0	0	0	0 (0 0	0 0	0	0	0
		not contiguous to a non-tidal palustrine wetland that contains surface water, but has an inflowing stream that allows fish during the springtime to access a non-tidal wetland > 1 mile upstream.	0	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0 0	0	0 0	0	0	0	0 0	0	0	0	0	0	0 (0	0	0	0 (0 0	0 0	0	0	0
		not continuous to a non-tidal palustrine wetland, and lacks an inflowing non-tidal stream that provides fish access to an upstream wetland that contains surface water at least seasonally.	0	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0 0	0	0 0	0	0	0	0 0	0	0	0	0	0	0 (0	0	0	0 (0 0	0 0	0	0	0
F5	Interannual	Select one:	-	L _			_																			-									<u> </u>	<u> </u>				_
	Dynamics	throughout the last 5 years most of the AA has been constantly covered with surface water, except for one period (of <6 continuous months) when most of the AA went dry (lacked surface water, due to drawdown, drought, etc.).	0	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0 0	0	0 0	0	0	0	0 0	0	0	0	0	0	0 (0	0	0	0 0	J 0	0 0	0	1	0
		throughout the last 5 years most of the AA has constantly lacked surface water, except for one period (of <6 continuous months) when most of the AA was inundated (had surface water). neither of above	0	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0 0	0	0 0	0	0	0	0 0	0	0	0	0	0	0 0	0	0	0	0 0	0 0	0	0	0	0
		unknown	0	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0 0	0	0 0	0	0	0	0 0	0	0	0	0	0	0 0	1	1	1	1 (0 0) 1	0	0	0
F6	Surface Water Occurrence	No part of the AA is ever inundated (contains at least 1 inch of water above the land surface) for more than 14 consecutive days during a normal year. That is, it is a saturated-only wetland. If true, mark "1" here, then SKIP TO F39 (Herbaceous Extent)	0	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0 0	0	0 0	0	0	0	0 0	0	0	0	1	0	0 0	0	0	0	0 0	0 0) 1	0	0	0
F7	Seasonal Water Extent	During normal years, the percent of the wetland AA that is inundated only seasonally (more than 14 consecutive days but no more than 9 months, or in tidal wetlands is "high marsh" that is inundated by tides fewer than half the days in any month) is:																																						
		>75% of the AA	0	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0 (0 0	0	0 0	0	0	0	0 0	0	0	0	0	0	0 (0	0	0	0 1	1 0	0	0	0	0
1	I	วบ-/ว‰ บI เกย AA	U	U	U	U	0	U	U	U	11	U			1 1	11	U	U	U O	U	υΙΟ	U	U		υΙΟ	0	0	U	U	U	(1			0	J 1	0	U	U 8	U

		Assessment Area	47	48	49	50a-c	51	52	53 5	4 55	56	57 58	59	60	61 62	63	64 6	5 66	67 68	69	70 71a-b	72	73 74a-	5 75	76	77 78	79	80	81 82	83	84 8	85 86	۶ 87	88	89	90 91
		25-50% of the AA	0	0	0	0	0	0	0 0) 0	0	0 0	0	0	0 0	0	0 0	0 0	0 0	0	1 0	0	1 1	0	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0 0
		5-25% of the AA	1	1	1	1	1	1	1 1	0	0	1 0	0	0	0 0	1	1 1	1 1	1 1	1	0 1	0	0 0	1	1	1 0	1	0	1 0	0	0	0 0	0	0	1	1 0
		<5% of the AA, or none	0	0	0	0	0	0	0 0) ()	0	0 0	0	0	0 0	0	0 0	0 0	0 0	0	0 0	0	0 0	0	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0 1
F8	Extent of	When the AA's surface water is at its lowest annual level, the percent of the AA still containing surface water (whether																																		
	Persistent	obscured by vegetation or not) is:																																		
	Surface	>95% of the AA	0	0	0	0	0	0	0 0) ()	0	0 0	0	0	0 0	0	0 0	0 0	0 0	0	0 0	0	0 0	0	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0 0
	Water (Dry	50-95% of the AA	0	0	0	0	0	0	0 0) 0	0	1 0	0	0	0 1	0	1 (0 0	0 0	0	0 1	0	0 0	0	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0 0
	Season)	25-50% of the AA	0	0	0	0	0	0	0 0) 1	1	0 0	0	1	1 0	1	0 1	1 1	1 1	1	0 0	0	0 0	0	0	0 0	0	0	0 0	0	0	0 0	0	0	0	1 0
		1-25% of the AA	1	1	1	1	1	1	1 1	0	0	0 1	1	0	0 0	0	0 0	0 0	0 0	0	1 0	1	1 1	0	1	1 0	1	1	1 1	1	1	0 1	1	0	1	0 1
		None of the above, and the AA contains or is part of a fringe wetland, SKIP to F10	0	0	0	0	0	0	0 0) 0	0	0 0	0	0	0 0	0	0 0	0 0	0 0	0	0 0	0	0 0	0	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0 0
50	0	None of the above, and not a fringe wetland, SKIP to F IU	0	U	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0 (0 0	0 0	0	0 0	0	0 0		0	0 0	0	0	0 0	0	0		0	0	0	0 0
F9	Onsite	When the AA's surface water is at its lowest annual level (for tidal wetlands = annual lowest tide), the percent of the																																		
	Surface	surface water that is in or connected to flowing channels that exit the AA, compared to surface water that is outside of																																		
	water	channels and their floodplains (e.g., in small depressions that do not connect annually to the channel if any), is:																																		
	ISUIALIUIT (DI	ell (1000) Leasted in shannels, such a serie serie series and series to a labor a strong stall times of	1	1	1	1	1	1	1 1	1	1	1 1	1		1 1	1		1 1	1 1	1	0 0	0	0 0	0	0	0 0	0	0	0 0	0	0	0 0	-		0	1 0
	Season	an (100%) located in charmers, swales, or with a configuous surface water connection to a lake or estuary at an innes or	1	1	1 I I	1	1	'	· '	' I '	1.1	· '	1.1	U U		1 '		' ' '		· · ·	0 0	0	0 0	0	0	0 0	0	0	0 0	0	0	0 0	0	0	0	1 0
		year 75.00% in an connected to channels, swales, or contiguous lake/ estuany, 1.25% in isolated neels	0	0	0	0	0	0	0 0		0	0 0	0	1	0 0	0	0 0		0 0	0	0 1	1	1 1	0	0	1 0	1	1	0 0	0	0	0 1	1	0	1	0 0
		50, 75% in or connected to channels, swales, or contiguous lake/ estuary, 1-25% in isolated pools	0	0	0	0	0	0	0 0		0	0 0	0	0	0 0	0				0	0 0	0	0 0	0	0	0 0	0	0	0 0	0	1				0	0 0
		25 50% in or connected to channels, swales, or contiguous lake/ estuary, 20-30% in isolated pools	0	0	0	0	0	0	0 0		0	0 0	0	0	0 0	0				0	1 0	0	0 0	0	0	0 0	0	0	0 1	1	0	0 0	0	0	0	0 0
		1.25% in or connected to channels, swales, or continuous lake/ estuary, 357370 in isolated pools	0	0	0	0	0	0	0 0		0	0 0	0	0	0 0	0				0	0 0	0	0 0	0	1	0 0	0	0	1 0	0	0		0	0	0	0 0
		all located in isolated pools or a single isolated pool from which no surface water exits when levels are lowest	0	0	0	0	0	0	0 0		0	0 0	0	0	0 0	0	1 (0	0 0	0	0 0	0	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0 1
F1) Onsite	During most of the wettest time of a normal year, the percent of the surface water that is in or connected to ditches	0	Ů	L V	0	0	l -	-	, <u> </u>	L v		Ť	Ť			· · ·			Ť				Ů		0 0	-	Ů	0 0			<u> </u>	<u> </u>	+ +	0	-
Ľ	Surface	swales, or flowing channels that exit the AA, compared to surface water that is in isolated bools that do not connect																					1													
1	Water	annually to channels or swales (if any), is:							1																											
1	Isolation	all (100%) located in channels, swales, or in other areas with a wet-season surface connection to channels or to a	0	0	0	0	0	0	0 0) 1	0	1 1	1	1	1 1	0	0 0	0 0	0 0	0	0 1	1	0 0	0	0	0 0	0	0	0 0	0	0	0 1	0	0	1	1 0
1	(Wet	contiguous lake or estuary	Ŭ	ľ	Ĭ	v	Ĭ	Ĭ	- °		Ť					ľ	[°] `	ľ		Ĭ			Ĩ	Ĭ	Ĩ	Í	ľ	Ĭ	- 1				Ĩ	Ĭ		Ĭ
	Season)	75-99% in or connected to channels, swales, or contiguous lake/ estuary, 1-25% in isolated pools	0	0	0	0	0	0	0 0) 0	1	0 0	0	0	0 0	1	0 1	1 1	1 1	1	0 0	0	1 1	0	1	1 0	1	1	1 0	0	0	0 0	1	0	0	0 0
		50-75% in or connected to channels, swales, or contiguous lake/ estuary, 25-50% in isolated pools	0	0	0	0	0	0	0 0) ()	0	0 0	0	0	0 0	0	0 0	0 0	0 0	0	0 0	0	0 0	0	0	0 0	0	0	0 1	1	1	0 0	0	0	0	0 0
		25-50% in or connected to channels, swales, or contiguous lake/ estuary, 50-75% in isolated pools	0	0	0	0	0	0	0 0) ()	0	0 0	0	0	0 0	0	0 0	0 0	0 0	0	1 0	0	0 0	0	0	0 0	0	0	0 0	0	0	1 0	0	0	0	0 0
		1-25% in or connected to channels, swales, or contiguous lake/ estuary, 75-99% in isolated pools	1	1	0	0	0	1	1 1	0	0	0 0	0	0	0 0	0	0 0	0 0	0 0	0	0 0	0	0 0	0	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0 0
		all located in isolated pools or a single isolated pond from which no surface water exits	0	0	1	1	1	0	0 0) 0	0	0 0	0	0	0 0	0	1 (0 0	0 0	0	0 0	0	0 0	1	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0 1
F1	Predominan	During most years, the difference in surface water level in most of the vegetated area between the driest and wettest time											-															-								
	Water	of year is:																																		
	Fluctuation	>6 ft change	0	0	0	0	0	0	0 0) 0	0	0 0	0	0	0 0	0	0 (0 0	0 0	0	0 0	0	0 0	0	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0 0
	Range	3-6 ft change	0	0	0	0	0	0	0 0) 1	1	0 0	0	1	1 1	0	0 (0 0	0 0	0	0 0	0	0 0	0	0	0 0	0	1	0 0	0	0	0 0	0	0	0	0 0
		1-3 ft change	0	0	0	0	0	0	0 0) ()	0	1 1	1	0	0 0	0	0 0	0 0	0 0	0	0 0	0	1 1	0	1	0 0	0	0	0 0	0	0	0 0	0	0	1	0 0
		0.5 - 1 ft change	0	0	0	0	0	0	0 0) 0	0	0 0	0	0	0 0	1	0 1	1 1	1 1	1	1 1	1	0 0	0	0	1 0	1	0	1 1	1	1	1 1	1	0	0	1 0
		<0.5 ft or no change (stable)	1	1	1	1	1	1	1 1	0	0	0 0	0	0	0 0	0	1 (0 0	0 0	0	0 0	0	0 0	1	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0 1
F1.	2 Predominan	During most of the time surface water is present, its depth in most of the inundated part of the AA is:																																\square		
	Depth Class	>6 ft deep	0	0	0	0	0	0	0 0) ()	0	0 0	0	0	0 0	0	0 0	0 0	0 0	0	0 0	0	0 0	0	0	0 0	0	0	0 0	0	0	0 0	0	0	0	1 0
		2-6 ft deep	0	0	0	0	0	0	0 0) 1	1	0 1	1	1	1 1	1	0 1	1 1	1 1	1	1 1	0	1 1	0	1	1 0	1	1	0 0	0	0	0 0	0	0	1	0 0
		1-2 ft deep	0	0	0	0	0	0	0 0	0	0	1 0	0	0	0 0	0	0 0	0 0	0 0	0	0 0	1	0 0	0	0	0 0	0	0	0 0	0	0	0 0	0	0	0	0 0
		0.5 - I ft deep	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0		0 0	0 0	0	0 0	0	0 0	0	0	0 0	0	0		1				0	0	0 0
F1	Danih Class	<0.5 If deep								0	0	0 0	0	0	0 0	0	0 (0	0 0	0	0 0	0	0 0		0	0 0	0	0	0 0	0	0		0	0	0	0
F I	Depth Class	During most of the time when surface water is present (select one):	1	1	1	1	1	1	0 1	1	1	1 1	1		0 1	0				-	0 1	0	0 0	1	0	0 0	0		1 0	0	0	0 1	1		1	0 0
	Distribution	One depth class (use the classes in F13) comprises >90% of the AA's inundated area	0	0		0	0		0 1					0	0 1	0	0 0	0 0	0 0	0	0 1	0	0 0		0	0 0	0	0	1 0	0	0			0	0	0 0
		One depin class comprises >50% of the AA's intrinded died	0	0	0	0	0	0	0 0		0	0 0	0	0	0 0	0				0	1 0	0	0 0	0	0		0	1	0 0	0	0		0	0	0	
Γ1	Doon Croto	Dended pontidel water deeper then 2 ft source at least 1 area or 2 EV, of the AA during (check all that apply).	0	0	0	0	0	0	0 0	, 0	0	0 0	0	0	0 0	0		0	0 0	0	0	0	0 0	0	0	0 0	0	1	0 0	0	0	0 0			0	-
r i	Deep Spors	Ponded nonlidal water deeper than 5 it covers at least 1 acre of >5% of the AA during (check all that apply).	0	0	0	0	0		0 0		1	1 1	1	0	0 0	1	0 1	1 1	1 1	1	1 0	0	0 0	0	0	0 0	0	1	0 1	1	0	0 0	-	-	0	1 0
		most of the period November-April most of the period Nav-October	0	0		0	0	0			1	1 0	0	0	0 0	1		1 1		1	0 0	0	0 0	0	0		0	0		0	0		0		0	
1		neither of above (no ponded water >3 ft deen is that extensive)	1	1	1	1	1	1	1 1	0	0	0 0	0	1	1 1	0	1 (0	0 1	1	1 1	1	1	1 0	1	0	1 0	0	0	$\frac{1}{1}$	1		1	0 0
1		impossible to tell	0	0	0	0	0	0	0 0) ()	0	0 0	0	0	0 0	0	0 0			0	0 0	0	0 0	0	0	0 0	0	0	0 0	0			0		0	0 1
F1	Open Water	Visualize the extent and distribution of ponded open water within the AA relative to the distribution of the most dominant	2	2	1	1	1	1	2 1	4	4	2 4	4	2	0 1	1	11 1	1 1	1 1	1	1 1	1	14 14	2	9	2 0	2	8	2 2	2	2	2 2	2	0	1	16 1
	Interspersion	form of partly-inundated vegetation (herbaceous or woody, with stems and leaves >4" above the water surface). Visualize	-	-										~		· ·				· · ·	· ·			-	·	2	-	Ŭ		-	-	7 7		Ů		
	With Partly	this as it occurs during May of most years. In the table to the right, first estimate the percent open water (left column) in																																		
	Inundated	the AA, then its distribution (top row). Select the highest applicable number and enter it in column D. If the AA has no																																		
	Vegetation	ponded water during May, score it "1." If this is a fringe wetland, assume Open Water is >70%.																																		
	-																																			
		Note: Ponded open water is surface water that is not visibly flowing and contains no vegetation (except perhaps floating-																																		
		leaved or completely submersed species) and is not beneath a canopy of trees or shrubs. For tidal sites, consider the																																		
		condition at average mid-tide.																																		
F1	5 Inflow	When surface water (if any) enters the AA, it enters as (select all applicable choices):																																		
		flow moving in channels or ditches	1	1	0	0	0	1	1 1	1	1	1 1	1	1	1 1	1	0 1	1 1	1 1	1	1 1	1	1 1	0	1	1 0	1	1	1 1	1	1	1 1	1	0	1	1 0
1		surface water exchanged broadly with contiguous waters such as an estuary, lake, or major river	0	0	0	0	0	0	0 0) 0	1	1 1	1	1	0 0	0	1 (0 0	0 0	0	0 1	0	0 0	0	0	1 0	1	0	0 0	0	0	0 1	1	0	0	1 0
1		water pumped into or intentionally diverted to the AA, e.g., as part of a stormwater dispersion system, irrigation practice, or	0	0	0	0	0	0	0 0) 0	0	0 0	0	0	0 0	0	0 0	0 0	0 0	0	0 0	0	0 0	0	1	0 0	0	0	0 0	0	0	0 1	1	0	0	1 0
1		drainage tile outlet																																		
		groundwater, runoff, and direct precipitation	1	1	1	1	1	1	1 1	1	1	1 1	1	1	1 1	1	1 1	1 1	1 1	1	0 0	0	1 1	1	1	1 0	1	1	1 0	0	1	1 1	1	0	1	1 1
F1	Groundwate	Select one:	W	W	W	W	W	W	wlv	V W	W	W W	/ W	W	W W	/ W	WV	NW	W W	/ \//	WW	W	ww	W	W/ N	W W	/ W	W	W W	/ \//	۱ w	V N	JW	/ W	W١	W W
1			44		44			44				00 00			~ ~ ~						~ ~ ~				vv	~ ~ ~			VV VI		~ ~ `	<u>, , , , , , , , , , , , , , , , , , , </u>	· · · ·	+	~ ~	~ ~ ~
		Part of the wetland contains strong evidence of groundwater discharges at the wetland surface during summer. (a)	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0 0	0 0	0 0	0	0 0	0	0 0	0	0	0 0	0	0	0 0	0	0	0 0	0	0	0	υ 0
1		Springs are observed or are snown on maps, or (b) water is cooler in summer and warmer in winter than in other local							1																											
		weitanus, or to measurements nom snanow wens indicate groundwater is discridiging to the weitand.																																		
		•																					1													

i i		Assessment Area	47	48	49	50a-c	51	52	53	54 55	56	57	58 59	60	61 (62 63	64	65 66	67	68 6	9 7	0 71a-	72	73	74a-c 7	5 76	5 77	78	79	80	81	82	83	84	85	86	87 88	89	90	91
		Part of the wetland has less definitive evidence of discharging groundwater during summer. Wetland has no perennial	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0 0	0	0	0 0) ()	0	0	0 () ()	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0
		This is a second many and is a construction of the second se	Ŭ	Ŭ	Ů	0	Ŭ	ľ	Ŭ	Ĭ	ľ	Ĭ	Ŭ Ŭ	ľ	Ŭ	ů l	Ŭ	Ŭ Ŭ	Ŭ	Ŭ	Ĭ	Í	ľ	Ŭ	Ŭ I	Íľ	Ŭ	Ů	ľ	Ů	Ŭ	ľ	I L	Ŭ	Ŭ	Ŭ	0 0	Ŭ	Ŭ	0
		persists during most of the summer or (b) on a natural slope of $>5\%$ or (c) very close to the base of a natural slope	1		1 1									1 1																		1 1	1							
		sector than 15% or (d) located at a generative fault or (e) bas rust denois context context and a fault of (e) and the fault of (e) and			1 1									1 1																		1 1	1							
		shoen or (f) within a mile of the tran of a HIICA way shows a shoen or a prospirates, or aspersible natural of												1 1																	1 1	1 1	1							
		sheet, of () while a fine of the top of a fiber watersheet.			1 1									1 1																		1 1	1							
		Nother of above is true, although some groundwater may discharge to or flow through the wetland, and wetland is in a	1	1	1	1	1	1	1	1 1	1	1	1 1	1	1	1 1	1	1 1	1	1	1 1	1 1	1	1	1	1 1	1	0	1	1				1	0	1	1 0	1	1	1
		region of astern Orogon with mean annual provide they discharge to the with model the weithing, and weithing is in a		1	1.1	1.1	1 - C	1.1	1 I.	· ·	1.1	11	1 I I I	1 ' I	·							' '	1.	· ·	·	· ·	· ·	v		· ·	$A \rightarrow J$	(\cdot)	$(\cdot V$		0	·		1 ' V		
		Nono of the above	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0 0	0	0			0	0	0 0		0	0	0	0				0	1	0	0 0	0	0	0
F10	Outflow	None of the above																																			W			
гіо	Duration	The most durable surface water connection between the wettand and the closest contiguous and/or downsiope surface	I W	I W	W	W	I W	I W I	WI	NIW	/ I W	I W I	wiw	I W I	W١١	WIW	I W I Y	wiw	/ W	۱WI	VIV	V I W	I W	W	WIV	VIV	/ I W	W	I W	W	W	W	i W L'	W	WIN	W١١	N "	W	W	w
	Duration	Waters is.	1	1	1	1	1	1	1	1 1	1		1 1	1	1	1 1	1	1 1	1	1	1 1	1 1	1	1	1 /	1	1	0	1	1				0	0	1	1 0	1	1	0
		personen (24 non-transmin to montes) utal excitange	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0 0	0	0			0	0	0 0		0	0	0	0				1	1	0			0	1
		seasonal (14 days to 9 monuts)(r, not necessarily consecutive)	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0 0	0	0			0	0	0 0		0	0	0	0				0	0	0		0	0	0
		temporary (<14 uays, not necessarily consecutive)	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0 0	0	0			0	0	0 0		0	0	0	0	0	0		0	0	0	0 0	0	0	0
F10	Outflow	During major guardia sub dutet, in so, mark in here and skill for 20 benefing or water).	0			0				0 0			0 0			0 0		0 0				, ,				0		0		0				0			0 0		0	
F 19	Confinamon	During major runon events, in the places where surface water exits the weitand it is.	I W	I W	W	W	I W	I W I	WI	NIW	/ I W	I W I	wiw	I W I	W١١	WIW	I W I Y	wiw	/ W	۱WI	VIV	V I W	I W	W	WIV	\mathbf{v} i v	/ I W	W	I W	W	W	W	i W L'	W	W١١	W١١	N "	W	W	W
	Commenter	inned at he pipe authort tidagate parauth breached dike harm beaus dam as other electrustics (other than patural	0	0	1	1	1	0	0	0 0	0		0 0	0	0	0 0	0	0 0	0	0	1	1 1	0	0	0		-	0	1	0	1			0	0	1	1 0	-	1	0
		impeded by a pipe, curvert, integrate, narrowy breached dice, bernin, beaver dani, or other obstruction (other inter international tanaarshi) or water is pumped out of the welface of a cristication)	0	0	· · ·			0	0		0		0 0	0	0	0 0	0	0 0	0	0			0	0	0	, 1, ,	0	0		0	· · .	U U		0	0	·	1 0	0	'	0
		topography), or water is pumped out of the wetrand (e.g., for imganoti)	1	1	0	0	0	1	1	1 1	1	1	1 1	1	1	1 1	1	1 1	1	1	1 0		1	1	1 /	1	1	0	0	1				0	1	0	0 0	1	0	1
EJU	Inlot Outlot	Either the welland has BOTH an inlat and outlet with seasonal or persistent surface flow or the welland is KI-L-	1	1	0	0	0	1	1	1 1	1		1 1	1	1	1 1		1 1	1	1			1	1	1		1	0	1	1		1		1	1	1	1 0	+++	1	0
r2U	, mier+Oullet	Liner are weather has both an inter and continue. If nother condition met, onter "0" here and then SVID to 525 (Sheltering			U	U	U		1					1	1		U U								- (· 📃		U						'	1	1	0			U
		of Water)																																						
E 21	Throughflew	ur watcr). During peak appual flow the surface water that flows through the watland's channel or floodalain.																													.							++		
ΓΖΙ	Comployity	ourny peak annuarnow, me sunace water mat nows unough the wettand's channel of nooopiain:	W	W	W	W	I W	W	WI	W I W	/ W	W	WIW	W	W۱۱	WW	IWI	WIW	/ W	IWI\	VIV	v i W	W	W	WIV	V	W	W	W	W	W	W	i W L	WI	W١	W١١	NI	W	W	W
<u> </u>	Complexity	ancounters little or no vegetation, houlders, or other sources of finitian				1			1	1 .			0 0			1 0								1	1		1		1		+			_	_	<u> </u>	0 0	+	-	0
		encourners inter or no vegetation, boulders, or other sources of friction.				-	0		0	0	0	U	0 0	0	U		U	0 0	0	U		0	0					0		0	U	U	U	0	0	U		U	U	U
		Inosity encounters nervaceous vegetation that others little resistance, and water follows a fairly straight path from entrance	0	0	U	U	U	U	U	U	U		0 0		U	UU	U	0 0	U	U	J 1		U	U	U (0	0	U	U	U		U	U	U	U	U	υU	U	U	U
		to exit tee internal channels, only slight meandering)	0			0	0		0	0 0	1		1 1		1	0 0		0 0	0				1	0			^	0	0	1		1		1	1	1	1 0		0	0
		Inosity encounters nervaceous vegetation that others little resistance and follows a fairly indirect path from entrance to exit	0	0	U	U	U	U	U	U U				U U	1	UU	U	0 0	U	U		0		U	U (0	0	U	U		U V			1	1	1	0	U	U	U
		(non-channenzeu now or many memai channeis, or very braided or tignity meandering)	0			0	0		0	0 0	0	0	0 0		0	0 0		0 0	0				0	0				0	0	0	4			0	0	0	0 0		1	0
		encounters measurable resistance from family-rigid vegetation (e.g., cattail, burrush, woody plants) of channel-dogging	U	0	0	U	U	0	0	0 0	0	0	0 0	0	0	0 0	U	0 0	0	U		0	0	0	0 0		0	0	0	0	U	U	0	0	0	0	0 0	0	'	0
		debris, and romows a rainty straight pain nom entrance to exit.	0		-	0	0		0	0 0	-		0 0			0 1		1 1	1	1	1 0		-	0			0	0	0	0				0	0	0	0 0		0	0
		encounters measurable resistance from family-rigid vegetation (e.g., cattait, buirush, woody species) or channel-clogging	U	0	0	U	U	0	0	0 0	0	0	0 0	0	0	0	U		1			0	0	0	0 0		0	0	0	0	U	U	0	0	0	0	0 0	U	U	0
500		debits, and rollows a failing indirect pair norm entrance to exit.		-	+ +			+ +		_	-		_	+								-	-			_	-	-	-	-	+	\vdash	⊢					++		
F22	Vegetated	During most of the time open water is present in the wetland, vegetated areas within the wetland, where they are												1 1																		1 1	1							
	Zone	contiguous to open water, are:							-							1																	\vdash		_		1 0			_
	Relative	wider than the contiguous open water	1	1	1	1	1	1	1	1 1	1	0	1 1	1	1	1 0	0	0 0	0	0) ()) 1	0	1	1 (0 0	1	0	1	1				1	1	1	1 0	0	1	0
	width	narrower than the contiguous open water	0	0	0	0	0	0	0	0 0	0	1	0 0	0	0	0 1	0	1 1	1	1	1	0	1	0	0 () 1	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0
F23	Vegetated	At the AA, the average width of wetland vegetated area that separates adjoining uplands (if any) from contiguous open												1 1																		1 1	1							
	Zone	waters (if any) is:							_		_				_																		\vdash				1 0			_
	Absolute	>300 ft, or no contiguous upland or open waters (not even temporary)	1	1	0	0	0	0	0	1 0	0	0	0 1	0	0	0 0	0	0 0	0	0) ()		0	1	1 (1	0	1	1	0	0	0	0	0	1	1 0	0	0	0
	widin	100-300 ft	0	0	0	0		0	0	0 0	0	0	0		0	0 0	0	0 0	0	0			0	0	0 0		0	0	0	0	0	0		0	0	0	0 0	0		0
		25-100 T	0	0	0	0	0		0	0		0	0 0	0	0		0		1				0	0	0 0		0	0	0	0				0	0	0	0 0	0	0	0
		5-25 T	0	0		0	0	0	0	0 0	0		0 0	0	0	0 0	0	0 0	0	0			0	0	0 0		0	0	0	0		0	0	0	0	0	0 0	0	0	0
E 2.4	l la dereut	<0 II During model of the environment the account of the AA's water adaptificant. that has undersuch barlie is	U	0	0		0	0	U	0 0	U	U	0 0	0	0	0 0	0	0 0	0	0	J U	0		U	0 (0	0	0	0	0	0	0	0	0	0	0 0		U	U
F24	Dindercul	1 IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII				0																	-	0	0		0	0	0	0				0	0	0	0 0	<u> </u>	0	0
	IN ALLES		0	0	0	0	0	0		0 0	_		0 0		0	0 0	0	n n					- A	0	0 0	0 0	0	U	0			U	1 0 1	0	0	0	0 0	0		
	Danks	During most of the spring and sammer, the percent of the AA's water edge, if any, that has undercut banks is.	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0 0	0	0	0 C	0 0	0	0	0 0			0	0	0	0		0	0	0	0			1	0
	Dunks	Soluting most of the spring and sammer, the percent of the AA's water edge, if any, that has undercut banks is. >75% 50-75% 50-75%	0	0	0	0	0	0	0	0 0 0	0	0	0 0 0 0	0	0	0 0	0	0 0	0	0	0 C 0 C		0	0	0 (0	0	0	0	0	0	0	0	0	0	0 0	0	1	0
	Danks	Soluting most of the spring and solutiner, the percent of the AA's water edge, if any, that has undercut banks is. >75% 50-75% 25-50% 1 350/	0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0 0 0	0 0 0	0 0 0 0	0 0 0 0 0 0	0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0	0 0 0 0 0 0	0 0 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	D 0 D 0 D 0 D 0	0 0 0 0 0 0	0 0 1	0	0 0		0	0	0	0	0	0	0	0	0	0	0 0	0	1 0	0
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F25 F26 F27	 Sheltering o Water Abovewater Wood Islands Shorebird Feeding 	2010 of the spring and sammer, the percent of the AK's water edge, if any, that has undercut banks is: 275% 25-50% 1-25% <1%, or no definable water edge is present	0 0 0 0 1 0 0 0 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0	0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0 1 0 0 0 0 1 0	0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 1 W 0 1 W 0 1	0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 1 0 1 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 1 0 0 1 1 0 0 0 0	0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0 0 1 0 0 0 1 0 0 1 0 0 1 0 0 1 0 1 0 0 1 1 0 0 1 1 0 0 1 1 1 1 0 0 1 1 1 1 0 0 1	0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 1 1 0 0 1 1 0 0 0 0 1 1 0 0 0 0 1 1 1 1 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0	0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 0 0 0 0 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0	0 0 0 0	0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 0 0 0 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0	0 0 1 0 0 0 0 0 0 0 0 1 0 0 0 1 0 0 0 0	0 0 1 0 0 0 0 0 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0	0 0 1 0 1 0 0 0 0 0 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 1 0 0 0 1 0	0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
F25 F26 F27	 Sheltering o Water Abovewater Wood Islands Shorebird Feeding Habitats 	During early summer the AA contains a floating vegetation and a gently-sloping water edge that is mostly vegetated. During early summer the AA contains a floating vegetation and a gently-sloping water edge that is mostly vegetated. During early summer the AA contains a floating vegetation and a gently-sloping water edge that is mostly vegetated. During early summer the AA contains a floating vegetation and a gently-sloping water edge that is mostly vegetated. During early summer the AA contains a floating vegetation and a gently-sloping water edge that is mostly vegetated. During early summer the AA contains a floating vegetation and a gently-sloping water edge that is mostly vegetated. During early summer the AA contains a floating vegetation and a gently-sloping water edge that is mostly bare and is isolated from the shore by water of multiplys of the water and is isolated from the shore by water depths >3 ft. During early summer the AA contains a floating vegetation and a gently-sloping water edge that is mostly bare and is isolated from the shore by water of multiplys of the water and is isolated from the shore by water of multiplys of the water are none that cover >10,000 sq. ft anywhere within 300 ft of the AA	0 0 0 0 1 0 0 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0	0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0	0 0 0 0 0 1 0 0 0 0 0 0 0 1 W 0 1 W 0 1	0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 W 0 0 1 1 0 1	0 0 0 0 1 0 0 0 0 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0		0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 1 0 0 0 0 0 0 1 1 0 1 0 1 0 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 0 0 1 1 0 0 1 1 0 0 0 0	0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 1 1 0 0 0 0 0 0 1 1 1 1 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1	0 1 0 0 1 0	0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 1 1 1 1	0 0 1 1	0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 1 0	0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		j 0 0 0 1 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 0 0 0 0 0 0 0 0 1 0 0 0 1 0 0 0 0	0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 0 0 0 0 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0	0 0 1 0 0 0 0 0 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 0 1 0	0 0 1 0 0 0 0 0 1 0 1 0 1 0 1 0 1 1 1	0 0 1 1 0 1 0 0 0 0 1 0 0 1 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 W 0 1 1
F25 F26 F27	 Sheltering o Water Abovewater Wood Islands Shorebird Feeding Habitats 	During early summer the AA contains a floating vegetation mat suitable for nesting birds and isolated from the shore by water depths >3 ft. During early summer the AA contains a floating vegetation mat suitable for nesting birds and isolated from the shore by water depths >3 ft.	0 0 0 0 0 1 0 0 0 0 1 0 0 1 W 0 1 W 0 1 0 1	0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 1 0 0 0 0 0 0 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0	0 0 0 0 0 0 0 0 0 0 0 0 1 W 0 1 W 0 1 1 0 1	0 0 0 0 0 1 0 0 0 0 0 0 0 1 0 0 1 W 0 1 W 0 1 1 0 1 0 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 0 0 1 1 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0	0 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 1 1 0 0 1 1 1 1 0 0	0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 1 1 0 0 0 0 0 0 0 0 1 1 0 0 1 1 1 1 0 0	0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 1 1 0 0 0 0 0 0 0 0 1 1 0 0 1 1 0 0 1 1 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 0 0 0 0 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 0 0	0 0 1 1 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0	0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 0 0 0 0 0 0 0 0 0 1 0 0 0 1 0 0 0 1 0	0 0 1 0 0 0 0 0 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0 1 0	0 0 1 0 0 0 0 0 1 0 1 V 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 W 0 1 W 0 1 1 0 1
F25 F26 F27 F28	 Sheltering o Water Abovewater Mood Islands Shorebird Feeding Habitats 	Control interspring most of the spring and summer, the percent of the AAS water edge, it any, that has didered balks is. 275% 50-75% 25.50% 1-25% At mid-day in summer, the area of surface water within the AA that is shaded by herbaceous or woody vegetation, incised channels, streambanks, or other features also present within the AA is: >75% of the water 25-078 of the water 25-50% of the water 25-50% of the water 25-50% of the water 25-50% of the water 25-50% of the water 25-50% of the water 25-50% of the water 52-55% of the water 525% of the water 525% of the water (surface water is typically absent in summer or during low tide) The number of downed wood pieces thicker than 4 inches that remain only partly underwater during most of the spring or early summer, thus potentially serving as basking sites for turtles, birds, or frogs, is: Several Few or none, or AA never has any surface water at that time Select all that apply: During early summer the AA contains a floating vegetation mat suitable for nesting birds and isolated from the shore by water depths >3 ft. Neither of above T	0 0 0 0 0 1 0 0 0 0 0 1 0 0 1 W 0 0 1 0 0 1 0 0 1 0 0 0 0	0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0	0 0 0 0 1 0 0 0 0 0 0 0 0 1 0 0 1 0 1 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 W 0 1 W 0 1 1 U 0 0 1 1 U 0 0 1 1 U 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 1 0 0 1 0 0 0 1 0	0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 0 0 0 0 0 0 1 1 0 0 1 1 0 0 0 0 1 1 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 0 0 0 0 0 0 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 0 0	0 0 0 1 0 0 0 0 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 1 1 0 0 0 0 0 0 1 1 0 0 0 0 1 1 0 0 1 1 0 0 1 1 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 1 1 0 0 1 1 0 0 0 0 1 1 0 0 1 1 1 1 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 0 0 0 0 0 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 1 1 0 0 0	0 0 1 1 1 1 0 0	0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 1 0 0 0 1 0	0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 0 0		j 0 j 0 j 0 j 0 j 0 j 0 j 0 j 0 j 0 j 0 j 0 j 0 j 0 j 1 j 0 j 0 j 0 j 0 j 0 j 0 j 0 j 0	0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 0 0 0 0 0 0 0 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0	0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 0 0 0 0 0 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0 1 0 0 0 1 0	0 0 0 0 0 0 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 W 0 0 1 1 W 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
F25 F26 F27 F28	 Sheltering o Water Abovewater Wood Islands Shorebird Feeding Habitats 	During most of the spring and sommer, the percent of the AK's water edge, it any, that has undered banks is: >75% S0-75% 1-25% 1-25% cannot estimate At mid-day in summer, the area of surface water within the AA that is shaded by herbaceous or woody vegetation, incised channels, streambanks, or other features also present within the AA is: >75% of the water 50-75% of the water 50-75% of the water 50-75% of the water 50-75% of the water 52-50% of the water 25-50% of the water 52-50% of the water	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0	0 0 0 0 1 0 0 0 0 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 0 0 0 0 0 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 1 1 1 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 1 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0 0 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 0 0 1 0 1 0 0 0 0 0 0 0 0 0	0 0 1 0 0 0 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0	0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0 1 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		j 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 1 1 1 1 1 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 0 0 0 0 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0 0 1 0	0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 0 0 0 0 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0	0 0 1 0 0 0 0 0 0 0 0 1 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0 1 0 0 0 0 1 0	0 0 1 0 0 0 0 0 0 1 0 1 0 1 0 1 0 1 0 1 0 0 1 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 1 1 0 1 1 1 0 1 0 1 0 1 0 1	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
F25 F26 F27 F28	 Sheltering o Water Abovewater Wood Islands Shorebird Feeding Habitats 	Control fields of the spiring and sommer, the percent of the AA's water edge, it any, that has under of banks is: 275% 25.50% 1-25% cannot estimate At mid-day in summer, the area of surface water within the AA that is shaded by herbaceous or woody vegetation, incised channels, streambanks, or other features also present within the AA is: >75% of the water 20-75% of the water 25-50% of the water 25-50% of the water 25-50% of the water 25-50% of the water 25-50% of the water 25-50% of the water 25% of the water (surface water is typically absent in summer or during low tide) The number of downed wood pieces thicker than 4 inches that remain only partly underwater during most of the spring or early summer, thus potentially serving as basking sites for turtles, birds, or frogs, is: Several Few or none, or AA never has any surface water at that time Select all that apply: During early summer the AA contains a floating vegetation mat suitable for nesting birds and isolated from the shore by water depths >3 ft. Or AA is an isoland with similar isolation and a gently-sloping water edge, that is mostly bare and is isolated from the shore by water depths >3 ft. Neither of above The extent of mudflats or unwooded shortgrass areas within the AA during April o	0 0 0 0 0 1 0 0 0 0 1 0 0 1 0 0 1 0 0 0 1 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 1 1 1 1 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 0 0 0 0 0 0 0 1 0 0 1 0 0 0 0	0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 1 0 0 1 0 0 1 0	0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 1 1 0 0 0 0 0 0 1 1 1 1 0 0 1 1 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0	0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0	0 0 0 0	0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0	0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		j 0 j 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 1 0 0 0 0	0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 0 0 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0	0 0 1 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 1 0 0 1 0 0 1 0 0 0 0 0 1 0	0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0 0 1 0	0 0 0 0 1 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 W 0 1 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0
F25 F26 F27 F28	 Sheltering o Water Abovewater Abovewater Wood Islands Shorebird Feeding Habitats Waves 	Control fields of the spiring and sommer, the percent of the AK's water edge, it any, that has under of damks is. 275% 50-75% 25-50% 1-25% cannot estimate At mid-day in summer, the area of surface water within the AA that is shaded by herbaceous or woody vegetation, incised channels, streambanks, or other features also present within the AA is: >75% of the water 50-75% of the water 25-50% of the water 25-50% of the water 5-25% of the water 25-50% of the water 25-50% of the water 25-50% of the water 5-25% of the water 25-50% of the water 5-25% of the water 5-25% of the water 5-25% of the water 5-25% of the water 5-25% of the water 5-25% of the water Several Few or none, or AA never has any surface water at that time Several During early summer the AA contains a floating vegetation mat suitable for nesting birds and isolated from the shore by water depths >3 ft. During early summer the AA contains (or is) an island with a gently-sloping water edge, that is mostly bare and is isolated from the shore by water depths >3 ft. Neither of above	0 0 0 0 0 1 0 0 0 0 1 0 0 1 0 0 1 0 0 0 1 0 0 0 0 1 0 0 0 0 0 0 0 0 1 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0	0 0 0 0 0 0 0 0 0 0 0 0 1 W 0 0 1 W 0 1 1 0 1 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 1 0 0 0 0 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0 1 0		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 0 1 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 1 1 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 1 1 0 0 0 0 0 0 1 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0 0 0	0 0 1 0 1 0 0 1 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 1 0 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0	0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		j 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 1 0 0 0 1 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 0 0 0 0 0 0 0 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 0 1 0	0 0 0 0 0 1 0 0 0 0 0 0 1 0 0 0 1 0	0 0 0 1 0 0 0 0 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0 1 0	0 0 1 0 0 0 0 0 0 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 0 0 0 0 1 0	0 0 0 0 0 0 0 0 0 0 1 0 0 1 0 0 1 0 0 1 0 1 0 0 1 0 0 1 0 0 0 1 0	0 0 0 1 0 0 1 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0	0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 1 0 0 0 0 1 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 W 0 1 1 0 0 1 1 0 0 0 0 1 0 0 0 0 0 0 0

	Assessment Area	47	48	49	50a-c	51	52	53	54 55	56	57 5	58 59	60	61	62 63	64 6	5 66	67 68	69	70 71a-b	72	73 74a-c 7	5 76	77	78	79	80 81	82	83 84	85	86	87 88	89	90 '	91
	Wind or boats frequently generate waves of >1 ft near the AA, those waves are intercepted by the wetland, and structures	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0 0	0 0	0	0 0	0	0 0 0	0 0	0	0	0	0 0	0	0 0	0	0	0 0	0	0	0
	behind the AA are protected from wave erosion																																		
	Wind or boats frequently generate waves of >1 ft near the AA, those waves are intercepted by the wetland, but there are no	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0 0	0 0	0	0 0	0	0 0 0	0 0	0	0	0	0 0	0	0 0	0	0	0 0	0	1	1
	structures behind the wetland	1	1	1	1	1	1	1	1 1	1	1	1 1	1	1	1 1	1	1 1	1 1	1	1 1	1	1 1 1		1	0	1	1 1	1		1		1 0	1		
F30 Vectors for	Select all that apply:													-	1 1					1 1				1	0		1 1	1	┍┷┯┷	1	┍┷┯				0
Waterborne	a regularly-used boat dock is present within or contiguous to the AA	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0 0	0 0	0	0 0	0	0 0 0	0 0	0	0	0	0 0	0	0 0	0	0	0 0	0	1	0
Pests	a regularly-used boat dock is not within the AA , but there is one within 300 ft of the AA and there is a persistent or tidal	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0 0	0 0	0	0 1	0	0 0 0) 0	1	0	1	0 0	0	0 0	0	0	0 0	0	0	0
	surface connection between the dock and the AA																																		
	large ships that empty ballast water are regularly present in nearby contiguous waters	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0 0	0 0	0	0 0	0	0 0 0	0 0	0	0	0	0 0	0	0 0	0	0	0 0	0	0	0
	the AA has a persistent surface water connection (>9 mos./yr, via ditch, pipe, channel, tidegate, or floodplain) to a	1	1	1	1	1	1	1	1 1	1	1	1 1	1	1	1 1	1	1 1	1 1	1	1 1	1	1 1 (1 1	1	0	1	1 0	0	0 0	0	1	1 0	0	0	0
	neerby perennial stream, river, lake, or estuary	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0 0	0 0	0	0 0	0	0 0 1	1 0	0	0	0	0 1	1		1	0	0 0	1	0	1
F31 Non-native	The following are known or likely to have reproducing populations in this AA, its wetland, or in water bodies within 300 ft	0	0		0	0	l V						Ť		0 0			0 0		0 0	- V	0 0		0	Ū	0	0							-	<u> </u>
Aquatic	that connect to the AA at least seasonally. Select all that apply:																												, I		1				Ì
Animals	non-native amphibians (e.g., bullfrog) or reptiles (e.g., red-ear slider)	0	0	0	0	0	0	1	1 1	1	1	1 1	1	1	1 0	1	0 0	0 0	0	0 1	0	1 1 () 1	1	0	1	1 1	1	1 1	0	1	1 0	1	1	1
	carp	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0 0	0 0	0	0 0	0	0 0 0	0 0	0	0	0	0 0	0	0 0	0	0	0 0	0	0 /	0
	other non-native fish (e.g., bass, gambusia, walleye, crappie, brook trout)	1	1	0	0	0	1	1	1 1	1	1	1 1	1	1	1 0	0	0 0	0 0	0	0 1	1	1 1 () 1	1	0	1	1 0	0	0 0	0	0	0 0	1	1	1
	nutria	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0		0 0	0	0 0	0			0	0	0	0 0	0		0	0	0 0	0	0	0
	none of above, or unknown	0	0	1	1	1	0	0	0 0	0	0	0 0	0	0	0 1	0	1 1	1 1	1	1 0	1	0 0 1	1 0	0	0	0	0 0	0	0 0	1	0	0 0	0	0	0
F32 Ice-free	During most years, most of the wetland's surface water does not freeze, or freezes for fewer than 4 continuous weeks, or	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0 1	0	1 1	1 1	1	0 0	1	0 0 0	0 0	0	0	0	0 1	1	1 1	1	0	0 0	1	1	1
	surface water is absent most winters.																																		
F33 Ponded	During most of the summer, the AA contains more than 0.25 acre of ponded non-tidal surface water that is deeper than 1	0	0	0	0	0	0	0	0 0	1	1	1 1	0	0	0 0	1	0 0	0 0	0	0 0	0	1 1 (0 0	0	0	0	1 0	1	1 1	0	0	0 0	0	1	0
Threshold	It, or is within 300 tt of such an area and the intervening habitat is not developed (roads, etc.). Or nesting within the AA by																																		
E34 No Soum	uucks, geese, ut swalls has been ploven. During most summers, lass than 80% of the water surface is covered by floating alone, duckwood, and other new restort	1.	1	1	1	1	1	1	1 1	1	1	1 1	1	1	1 1	0		1 1	1	1 0		1 1 1	1 1	n	0	0	1 1	1		1		1 0	1		1
F34 NO SCUIII	aquatic plants. AND no maior fish kills occur. If no surface water is present in summer, mark "1" in column D.							1	· [·			· ·				Ů								Ŭ	Ŭ	Ŭ	· ·		(1 °	(\cdot)	. 0		ľ /	i i
F35 Submerged	SAV (submerged & floating-leaved aquatic vegetation) occupies an annual maximum of:																																		
& Floating-	>95% of the surface water area	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0 0	0 0	0	0 0	0	0 0 0) (0	0	0	0 0	0	0 0	0	0	0 0	0	0	0
leaved	50-95% of the surface water area	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0 0	0 0	0	0 0	0	0 0 0	0 0	0	0	0	0 0	0	0 0	0	0	0 0	0	0 /	0
Aquatic	25-50% of the surface water area	0	0	0	0	0	0	0	0 0	0	1		1	1	0 0	0		0 0	0	0 0	0			0	0	0	0 0	1		0	0	0 0	0	0	0
(SAV)	S-25% of the surface water area Mark "1" here and SKIP TO F39 (Herbaceous Extent)	1	1	1	0	1	1	1	1 0	0	0		0	0	0 1	1	0 0	1 1	1	1 1	1			0	0	1	1 1	0		1		1 0	0		1
F36 SAV Invasive	The areal cover of SAV at mid-summer is comprised of:									Ť	Ű	<u> </u>	Ť	-	<u> </u>										Ŭ			Ŭ			F		Ŭ		-
vs. Non-	mostly invasive SAV species (see list in column E). Mark "1" here and SKIP to F39.	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0 0	0 0	0	0 0	0	0 0 0) (0	0	0	0 0	0	0 0	0	0	0 0	0	0	0
invasive	mostly non-invasive species	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0 0	0 0	0	0 0	0	0 0 0) (0	0	0	0 0	1	1 0	0	0	0 0	1	1	0
Cover	impossible to tell	0	0	0	0	0	0	0	0 1	1	1	1 1	1	1	1 0	0	0 0	0 0	0	0 0	0	0 0 0) ()	0	0	0	0 0	0	0 1	0	0	0 0	0	0	1
F37 SAV Native	Considering just the SAV species that are native:	0	0		0	0		0						0	0 0					0 0		0 0 0		-	0		0 0	1		0			1		
Dominance	one or two of the native SAV species together comprise >50% of the SAV cover	0	0	0	0	0	0	0		0	0		0	0	0 0	0		0 0	0	0 0	0			0	0	0	0 0	0		0	0	0 0	0	1	0
Dominance	impossible to tell	0	0	0	0	0	0	0	0 1	1	1	1 1	1	1	1 0	0	0 0	0 0	0	0 0	0	0 0 0		0	0	0	0 0	0	0 0	0	0	0 0	0	0	1
F38 SAV Species	Of all the SAV species in this AA:																																	-	
Ubiquity	all are species that are common among Oregon's wetlands and lakes (see Plants worksheet, "Common Species" column)	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0 0	0 0	0	0 0	0	0 0 0) (0	0	0	0 0	1	1 1	0	0	0 0	1	1	0
												_																			++				
	at least one species is a SAV plant that is not common among Oregon's wetlands and lakes, and it covers >1% of the SAV	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0 0	0 0	0	0 0	0	0 0 0	0 0	0	0	0	0 0	0	0 0	0	0	0 0	0	0	0
	alea of >100 sq. il.	0	0	0	0	0	0	0	0 1	1		1 1	1	1	1 0	0	0 0	0 0	0	0 0	0	0 0 0) 0	0	0	0	0 0	0	0 0	0	0	0 0	0	0	1
F39 Herbaceous	The areal cover of herbaceous plants during mid-summer is:	0	0	Ť	0	0	Ŭ	<u> </u>	<u> </u>									0 0	Ů	0 0	Ů	0 0 0		Ŭ	Ŭ	0	0 0	Ŭ		-			Ŭ		<u> </u>
Extent	>95% of the vegetated part of the AA	0	0	0	0	0	0	0	0 0	0	0	1 0	0	0	0 0	0	0 0	0 0	0	0 1	0	0 0 1	1 0	0	0	1	0 1	1	1 1	1	1	1 1	0	0	0
	50-95% of the vegetated part of the AA	0	0	1	0	0	1	1	1 0	1	0	0 1	1	1	1 0	1	0 0	0 0	0	0 0	0	0 0 0) (0	1	0	0 0	0	0 0	0	0	0 0	1	0	0
	25-50% of the vegetated part of the AA	1	1	0	0	0	0	0	0 1	0	1	0 0	0	0	0 1	0	1 1	1 1	1	1 0	0	0 0 0	0 0	0	0	0	1 0	0	0 0	0	0	0 0	0	0	1
	5-25% of the vegetated part of the AA	0	0	0	0	0	0	0		0	0		0	0	0 0	0		0 0	0	0 0	0			0	0	0	0 0	0		0	0	0 0	0		0
F40 Graminoid	The maximum annual areal cover of herbaceous plants is:	0	0	Ū	0	0	l -		0 0		- U				0 0		0 0	0 0		0 0		0 0 0		0	Ū	0	0 0	0		0			Ŭ		0
vs. Forb	overwhelmingly graminoids (>80% cover of grasslike plants)	1	1	1	1	1	1	1	1 1	1	0	1 1	0	1	1 1	1	1 1	1 1	1	1 1	1	1 1 1	1 1	1	1	1	1 1	1	1 1	1	1	1 0	0	0	0
Cover	mostly graminoids (50-80% cover)	0	0	0	0	0	0	0	0 0	0	1	0 0	0	0	0 0	0	0 0	0 0	0	0 0	0	0 0 0) (0	0	0	0 0	0	0 0	0	0	0 1	1	0	0
	mostly non-graminoids (e.g., forbs, ferns) (50-80%)	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0 0	0 0	0	0 0	0	0 0 0	0 (0	0	0	0 0	0	0 0	0	0	0 0	0	1	1
E41 Horbacoous	overwneimingiy (>80%) non-graminolds The maximum appual areal cover of herbaccous plants is:	U	U	U	0	0	0	0	0 0	0	0	0 0		U	0 0	0	0 0	0 0	0	0 0	0	0 0 0	0	0	0	0	0 0	0	0 0	0	0	0 0	0	0	0
Native vs	nie maximum annual areal cover of nerbaceous plants is. overwhelmingly (>80% cover) non-native species, of which >10% are species considered invasive (see column E). Mark	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0 0	0 0	0	0 0	0	0 0 0		0	0	0	0 0	0	0 0	0	0	0 0	0	0	0
Non-native	"1" and SKIP to F44.	0		Ŭ	0	0	Ŭ	Ŭ.		ľ	Ŭ	Ĭ	Ŭ	Ŭ	Ŭ	Ŭ		0 0	Ŭ	0 0	Ŭ			0	Ŭ	0	0 0	Ŭ			Ŭ	0 0	Ū		0
Cover	overwhelmingly (>80% cover) non-native species, but <10% are considered invasive (see column E). Mark "1" and SKIP	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0 0	0 0	0	0 0	0	0 0 0) (0	0	0	0 0	0	0 0	0	0	0 0	0	0	0
	to F44.																																		
	mostly (50-80%) non-native species, regardless of invasiveness	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0 0	0 0	0	0 0	0	0 0 0) 1	0	0	0	0 0	0	0 0	0	0	0 1	0	0 /	0
	mostly (50-80%) native species	0	0	0	0	0	0	1	0 0	0	0	0 0	0	0	0 0	0	0 0	0 0	0	0 1	0		1 0	0	0	0	0 0	0		0	0	0 0	0		1
F42 Herbaceous	Of just the herbaceous species:												· ·	-						0								'	┍╧╋╧	0			0		_
Species	one or two native species together comprise >50% of the areal cover of herbaceous plants at any time during the year	1	1	1	1	1	1	1	1 1	1	1	1 1	1	1	1 1	1	1 1	1 1	1	1 1	1	1 1 1	1 1	1	1	1	1 1	1	1 1	1	1	1 0	1	1	1
Dominance																																			
	no two of the native species together comprise >50% of the areal cover of herbaceous plants, or no native species are	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0 0	0 0	0	0 0	0	0 0 0	0 0	0	0	0	0 0	0	0 0	0	0	0 0	0	0	0
542 11 1	present		ļ	$ \vdash \downarrow$							+	_	+			+ $+$		\vdash	+		+			_	┝──┤			+	<u> </u>	+	++	-+	\vdash	\rightarrow	
F43 Herbaceous	Ur all the herbaceous species in this AA: all are species that are common among Orogon's wallands (see Plants worksheet, "Common Species" setures)	1	1		1	1		1	1 1	1		1 1	1	1	1 1			1 1	1	1 1		1 1 1	1 1	1	1	1	1 1	1		1		1 1	1		1
Species	an are species marare common among oregon's wenamics (see Plants worksneet, Common Species Column)				1			1	· · ·				1			1										1									1
Ubiquity	at least one species is not common among Oregon's wetlands and it covers >1% of the AA's herbaceous area or >100 so.	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0 0	0 0	0	0 0	0	0 0 0	0 0	0	0	0	0 0	0	0 0	0	0	0 0	0	0	0
	ft (either contiguous or scattered)																												`						
F44 Woody	Within the AA, woody vegetation (shrubs, trees, woody vines) occupies:																																		
Extent Within	>95% of the vegetated part of the AA	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0 0 0	0 0	0	0 0	0	0 0 0	0 0	0	0	0	0 0	0	0 0	0	0	0 0	0	011	0

	Assessment Area	47	48	49	50a-c	51	52	53 54	4 55	56 5	57 58	59	60 6	1 62	63 64	4 65	66 67	68 69	70 71a-) 72	73 74a-c 75	5 76	77	78 7	9 80	81	82 83	8 84	85 86	6 87	88	89 9	90 91
the AA	50-95% of the vegetated AA	1	1	0	1	1	1	0 1	1	0	1 0	0	1 1	1	1 0	1	1 1	1 1	0 0	0	1 1 0	1	1	0 0) 1	0	0 0	0	0 0) ()	0	0	1 0
	25-50% of the vegetated AA	0	0	0	0	0	0	1 0	0	0	0 0	1	0 0	0	0 0	0	0 0	0 0	1 0	1	0 0 0	0	0	0 0) 0	Ő	0 0	0	0 0) 0	0	1	0 0
	5-25% of the venetated AA	0	0	1	0	0	0	0 0	0	1	0 1	0	0 0	0	0 1	0	0 0	0 0	0 0	0	0 0 0	0	0	1 0) 0	Ő	0 0	0	0 0) 0	0	0	0 0
	<5% of the venetated AA	0	0	0	0	0	0	0 0	0	0	0 0	0	0 0	0	0 0	0	0 0	0 0	0 1	0	0 0 1	0	0	0 1		1	1 1	1	1 1	1		0	0 1
F45 Woody	Where surface water is present during the wettest time of year, the AA's woody vegetation occupies:	Ŭ	0		•	Ů	L .		Ť	-	<u> </u>	Ť				Ť				Ť	<u> </u>	Ű	Ť	<u> </u>	, in the second								-
Extent Along	Set of the area within 100 ft of open water or nearly all of the woody vegetation is inundated during annual high water.	0	0	0	1	1	0	0 0	1	0	0 0	0	0 1	0	0 0	0	0 0	0 0	0 0	0	0 0 0	0	0	0 0		0	0 0	0	0 0) 0	0	0	1 0
Water Edge		Ŭ	0	Ŭ			Ŭ	° I °		Ŭ I	Ŭ Ŭ	ľ		Ŭ	° I °	Ů	ů l	ů ů	U U	Ŭ	ů ů ů	Ŭ	Ŭ	Ŭ U Ŭ	Í	Ŭ	0 0	Ŭ	0 0		Ŭ	Ŭ	Ĭ
mator Eugo	50.95% of the area within 100 ft of onen water, or most of the woody vegetation is injurctated during annual high water	1	1	0	0	0	1	0 0	0	0	1 0	0	0 0	0	1 0	1	1 1	1 1	0 1	1	1 1 0	1	1	0 1	1 1	0	0 0	0	0 0) ()	0	0	0 0
	to you of the drea within too to open water, or most of the woody vegetation to manadeed daming annual mater	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		Ŭ	0	Ŭ	1.1	° I °	Ů	Ŭ		Ň	° °	Ŭ			· ·							Ŭ I I		Ŭ	0 0	Ŭ	0 0		Ŭ	Ŭ.	5
	25-50% of the area within 100 ft of open water	0	0	0	0	0	0	1 1	0	0	0 0	0	1 0	1	0 0	0	0 0	0 0	1 0	0	0 0 0	0	0	0 0) ()	0	0 0	0	0 0) ()	0	1	0 0
	5.25% of the area within 100 ft of onen water	0	0	1	0	0	0	0 0	0	1	0 0	1	0 0	0	0 1	0	0 0	0 0		0	0 0 0	0	0			0	0 0	0	0 0		0	0	0 0
	<5% of the area within 100 ft of water: mark "1" here and SKIP TO F50 (Woody Diameter Classes)	0	0	0	0	0	0	0 0	0	0	0 1	0	0 0	0	0 0	0	0 0	0 0	0 0	0	0 0 1	0	0	1 0		1	1 1	1	1 1	, 0		0	0 1
E44 Woody	So of the area within too it of water, mark in the and Skill To Too (woody blameter classes).	0	0		0	, v		0 0			0	Ŭ	0 0		0 0	U U	0 0	0 0	0 0	- V	0 0 1		, v		, ,							0	5
F40 W000y	The weitand's would vegetation is.	0	0	1	1	1		0 1	1	0	0 0		0 0	1	1 0	1	1 1	1 1	0 1		1 1 0	1	1	0 1	1	0	0 0	0	0 0			0	0 0
DISTIDUTION	cumped in fairly distinct barlos or patches mostly separate from herbaceous vegetation, and most patches or barlos are	U	U		1	· ·	U	0	1	0	0 0	U	0 0	1					0	U		1	1	0		U	0 0	0	0 0	0	0	0	JU
	large (>1 acre including contiguous upland woody veg). Or nearly the entire AA is wooded. Isolated shrubs or trees are																																
	Tew.	1	1	0	0	0		1 0		-		1		-	0 1		0 0	0 0		1		0	0	0 0			0 0	-	0 0		-	1	1 0
	clumbed in fainty distinct bands of patches mostly separate from herbaceous vegetation, and most patches are small (<)		1	U	U	0	U	0	U		0 0			0	0	U	0 0	0 0	0 0	1	0 0 0	0	U	0 0	0	U	0 0	0	0 0	0	0	1	0
	acre including conliguous upland woody veg).	0	0		0						1 0	0	0 0				0 0	0 0	1 0	0		-					0 0	-	0 0			0	
	dispersed quite evening amid the herbaceous vegetation, in many small patches, or many isolated shrubs or trees.	0	0	U	0	0	1	0 0	0	0	0	U	0 0	0	0 0	0	0 0	0 0		U	0 0 0	0	0	0 0	0	0	0 0	0	0 0	0	0	0	JU
																															\rightarrow		
F47 Cover of	Within parts of the AA having shrubs or woody vines, the areal cover is:																																
Woody	overwhelmingly (>80%) non-natives that are categorized as invasive (see Plants worksheet)	0	0	0	0	0	0	0 0	0	0	0 0	0	0 0	0	0 0	0	0 0	0 0	0 0	0	0 0 0	0	0	0 0) ()	0	0 0	0	0 0) 0	0	0	0 O
Invasives	overwhelmingly other non-natives	0	0	0	0	0	0	0 0	0	0	0 0	0	0 0	0	0 0	0	0 0	0 0	0 0	0	0 0 0	0	0	0 0) ()	0	0 0	0	0 0) 0	0	0	0 0
	mostly (50-80%) non-natives	0	0	0	0	0	0	0 0	0	0	0 0	0	0 0	0	0 0	0	0 0	0 0	0 0	0	0 0 0	0	0	0 0) 0	0	0 0	0	0 0) 0	0	0	J 0
	mostly (50-80%) natives	0	0	0	0	0	0	0 0	0	0	0 0	0	0 0	0	0 0	0	0 0	0 0	0 0	0	0 0 0	0	0	0 0) 0	0	0 0	0	0 0) 0	0	0	<u>)</u> 0
	overwhelmingly (>80%) natives	1	1	1	1	1	1	1 1	1	1	1 0	1	1 1	1	1 1	1	1 1	1 1	1 1	1	1 1 0	1	1	0 1	1	0	0 0	0	0 0) 0	0	1	1 0
F48 Shrub & Vine	Of just the shrub & woody vine species that are native:																																
Species	one or two of the native species together comprise >80% of the shrub & vine cover	1	1	1	1	1	1	1 1	1	1	1 0	1	1 1	1	1 1	1	1 1	1 1	1 1	1	1 1 0	1	1	0 1	1	0	0 0	0	0 0) 0	0	1	1 0
Dominance	no two of the native species together comprise >80% of the shrub & vine cover	0	0	0	0	0	0	0 0	0	0	0 0	0	0 0	0	0 0	0	0 0	0 0	0 0	0	0 0 0	0	0	0 0) 0	0	0 0	0	0 0) 0	0	0	0 0
F49 Shrub & Vine	Of all the shrub & woody vine species in this AA:																																
Species	all are species that are common among Oregon's wetlands (see Plants worksheet, "Common Species" column)	1	1	1	1	1	1	1 1	1	1	1 0	1	1 1	1	1 1	1	1 1	1 1	1 1	1	1 1 0	1	1	0 1	1	0	0 0	0	0 0) 0	0	1	1 0
Ubiquity																															/		
	at least one species is not common among Oregon's wetlands and it covers >1% of the AA or >100 sq. ft	0	0	0	0	0	0	0 0	0	0	0 0	0	0 0	0	0 0	0	0 0	0 0	0 0	0	0 0 0	0	0	0 0) ()	0	0 0	0	0 0) 0	0	0	0 0
F50 Woody	Select all the types occupying >5% of the wooded part of the AA or >5% of its upland edge if that is wooded.																																
Diameter	, , , , , , , , , , , , , , , , , , ,																																
Classes	deciduous 1-4" diameter and >3 ft tall	1	1	1	1	1	1	1 1	1	1	1 1	1	1 1	1	1 1	1	1 1	1 1	1 1	1	1 1 1	1	1	1 1	1	0	0 0	0	0 0) 0	0	0	0 0
0100000	everareen 1-4" diameter and >3 ft tall	0	0	0	0	0	0	0 0	0	1	1 1	1	1 0	1	1 1	1	1 1	1 1	0 1	0	0 0 1	0	1	0 1	1 1	0	0 0	0	0 0) 0	0	1	1 0
	deciduous /l-0" diameter	1	1	0	0	0	1	1 1	0	0	0 1	1	0 0	0	0 0	0	0 0	0 0	0 0	0		1	0			0	0 0	0	0 0		0	0	0 0
	overgroon // 0" diameter	1	1	1	1	1		1 1	1	1	1 0	0	1 1	1	1 1	1	1 1	1 1	0 1	0	0 0 1	1	1	1 1		0	0 0	0	0 1	, 0		1	1 0
	doad standing A 0" diameter	0	0	0	0	0	0	0 0	1	1	0 0	1	1 1	0	0 0		0 0		0 0	0		0	0	0 0		0	0 0	0	0 1	1	0	0	
	deciduous 0.01" diameter	0	0	0	0	0	0	0 0	0	0	0 0	0	0 0	0	0 0	0	0 0	0 0	0 0	0	0 0 0	0	0			0	0 0	0	0 0		0	0	0 0
	overgroop 0.21" diameter	1	1	1	1	1	1	1 1	0	1	0 0	0	1 0	1	1 1	1	1 1	1 1	0 0	0	0 0 0	0	1	0 1		0	0 0	0	0 1		0	0	1 0
	everyreen 9-21 diameter	0	0		0	0			0	1	0 0	0	1 0	1					0 1	0		0				0	0 0	0	0 1		0	0	
	dead standing 9-21 dameter	0	0	0	0	0	0	0 0		0				1	0 0	0	0 0	0 0	0 0	0	0 0 0	1	0			0	0 0	0	0 1		0	0	JU
	deciduous >z1 diameter	0	0	U	0	0	0	0 0	0	0	0 0	0	0 0	0	0 0	0	0 0	0 0	0 0	0	0 0 0	0	0	0 0		0	0 0	0	0 0		0	0	JU
	everyeen >21 diameter	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0 0	0	0 0	0 0	0 0	0	0 0 0	0	0			0	0 0	0	0 0		0	0	JU
	dead standing >2 1° diameter La la seconda de la seconda de la seconda de la seconda de la seconda de la seconda de la seconda de la seconda	0	0	0	0	0	0	0 0	0	0	0 0	0	0 0	0	0 0	0	0 0	0 0	0 0	0	0 0 0	0	0	0 0		0	0 0	0	0 0		0	0	J U
	Lacks woody vegetation, or none of above occupy >5% of the wooded part of the AA of 5% of the length of the upland	0	0	U	0	0	0	0 0	0	0	0 0	U	0 0	0	0 0	0	0 0	0 0	0 0	U	0 0 0	0	0	0 0	0	1	1 1	1	1 0	0	I	0	JI
	edge.						+									+									_					_	_		_
F51 N Fixers	Within the vegetated part of the AA, the cover of nitrogen-fixing plants (e.g., alder, sweetgale, legumes) is:																																_
	<1% or none	1	1	1	1	1	1	1 1	1	1	1 1	1	1 0	0	1 1	1	1 1	1 1	1 1	1	1 1 1	1	1	1 1	1	1	1 1	1	1 1	1	1	1	1 1
	1-25%	1	1	1	1	1	1	1 1	0	0	0 0	0	0 0	1	0 0	0	0 0	0 0	0 0	0	0 0 0	0	0	0 0) ()	0	0 0	0	0 0) 0	0	0	0 0
	25-50%	0	0	0	0	0	0	0 0	0	0	0 0	0	0 0	0	0 0	0	0 0	0 0	0 0	0	0 0 0	0	0	0 0) ()	0	0 0	0	0 0) 0	0	0	0 O
	50-75%	0	0	0	0	0	0	0 0	0	0	0 0	0	0 0	0	0 0	0	0 0	0 0	0 0	0	0 0 0	0	0	0 0) 0	0	0 0	0	0 0) 0	0	0	0 0
	>75%	0	0	0	0	0	0	0 0	0	0	0 0	0	0 1	0	0 0	0	0 0	0 0	0 0	0	0 0 0	0	0	0 0) ()	0	0 0	0	0 0) ()	0	0	0 0
F52 Waterfowl Food Plants	The percent of the vegetated part of the AA, excluding areas that are never inundated, which contains one or more of these plants: Alisma spp., Beckmannia spp., Polygonum spp. (natives only), Potomogeton (Stuckenia) spp., Ruppia spp., Sagittaria spp., Sparganium spp., Zostera spp., is:																																
	<1% or none, and none are known to occur commonly within the same wetland or within 300 ft of this AA	1	1	1	1	1	1	1 1	1	1	1 1	1	1 1	1	1 1	1	1 1	1 1	0 1	1	1 1 1	1	1	1 1	1	1	0 0	0	1 1	1	1	0	0 1
	<1% or none, but some are known to occur commonly within the same wetland or within 300 ft of this AA	0	0	0	0	0	0	0 0	0	0	0 0	0	0 0	0	0 0	0	0 0	0 0	1 0	0	0 0 0	0	0	0 0) 0	0	1 1	1	0 0) 0	0	0	0 0
	1-10%	0	0	0	0	0	0	0 0	0	0	0 0	0	0 0	0	0 0	0	0 0	0 0	0 0	0	0 0 0	0	0	0 0) ()	0	0 0	0	0 0) 0	0	1	1 0
	10-50%	0	0	0	0	0	0	0 0	0	0	0 0	0	0 0	0	0 0	0	0 0	0 0	0 0	0	0 0 0	0	0	0 0) ()	0	0 0	0	0 0) 0	0	0	0 0
	>50%	0	0	0	0	0	0	0 0	0	0	0 0	0	0 0	0	0 0	0	0 0	0 0	0 0	0	0 0 0	0	0	0 0) ()	0	0 0	0	0 0) 0	0	0	0 0
F53 History of	The last time that >5% of the AA's vegetation cover was burned or harvested for hay or timber was:											1 1																					
Fire or	0-12 months ago, and this occurs almost annually within part of the AA	0	0	0	0	0	0	0 0	0	0	0 0	0	0 0	0	0 0	0	0 0	0 0	0 0	0	0 0 0	0	0	0 0) ()	0	0 0	0	0 0) 0	0	0	0 0
Vegetation	0-12 months ago, but was not an annual (or near-annual) event	0	0	0	0	0	0	0 0	0	0	0 0	0	0 0	0	0 0	0	0 0	0 0	0 0	0	0 0 0	0	0	0 0) ()	0	0 0	0	0 0) ()	0	0	0 0
Removal	1-5 years and	0	0	0	0	0	0	0 0	0	0	0 0	0	0 0	0	0 0	0	0 0	0 0	0 0	0	0 0 0	0	0	0 0) 0	0	0 0	0	0 0) 0	0	0	0 0
	>5 years ago	0	0	0	0	0	Ő	0 0	0	0	0 0	Ő	0 0	0	0 0	Ť	<u> </u>		1 0	1	1 1 0	0	0	1 0) 0	Ő	0 0	0	0 0) 0	0	0	0 0
	unknown	1	1	1	1	1	1	1 1	1	1	1 1	1	1 1	1	1 1	1	1 1	1 1	0 1	0	0 0 1	1	1	0 1		1	1 1	1	1 1	1		1	1 1
E54 Height	Within the stratum (herbaceous, shruh, or tree) that covers the most onsite area, the wetland plants during maximum									-										Ů	0 0 1			· ·							+++		
I Iniformity of	which are standing inductions, sindo, or acc) that covers the most onsite area, the weitand plants during maximum annual cover condition are mostly.																																
Dominant	of nearly uniform height (, or 20% of average)	1	1	1	1	1		1 1	1	1	1 1	1	1 1	1	0 1	0	0 0	0 0	1 1	1	1 1 1	1	1	1 1	1	1	1 1	1	1 1	1		1	0 1
Stratum	un nearry unituriti neighti (+ Ui - 2076 Ui dverdge)		0		0					0					U 1	U	0 0					1										0	
FEE Data Court	or very urverse nerginits (e.g., short & tall lorus, short & initernerginit grasses)	U	U	U	U	U		0 0	U	U	0 0	U	U U	U	- 0				0 0	U	0 0 0	U	U	U U	, ,	U	υŪ	U	0 0	, 0	U	U	- 0
F 55 Bare Ground	in me part or me AA that is inunuated only seasonally or is saturated, the usual condition during minimum annual cover																								1								
& Plant Litter	conditions in a typical 1 x 1 m plot is:						+				_											_		_	_		_			_		_	
	little or no (<5%) bare ground or plant litter is visible between stems or under canopy; dense herbaceous ground cover;	0	0	0	0	0	0	0 0	0	0	0 0	0	0 0	0	0 0	0	0 0	0 0	0 0	1	0 0 0	0	0	υο) 0	1	1 1	1	1 0) 0	1	1	0
	may be dense perennial grasses, moss, or others with high stem or root density.						+		\rightarrow							\rightarrow																	
	some (5-20%) bare ground or litter is visible; moderately dense ground cover; may be mostly perennial forbs, creeping	0	0	0	0	0	0	0 0	0	1	1 1	1	1 0	0	0 0	0	0 0	0 0	1 1	0	1 1 1	0	1	1 1	0	0	0 0	0	0 1	1	0	0	J 1
	vines, fairly sparse grasses.																																
	much (20-50%) bare ground or plant litter is visible; low stem density; may be mostly woody plants, cattail, bulrush, sparse	1	1	1	1	1	1	1 1	1	0	0 0	0	0 1	1	1 1	1	1 1	1 1	0 0	0	0 0 0	1	0	0 0) 1	0	0 0	0	0 0) 0	0	0	0 0
1	annuals.																																12

	Assessment Area	47	48	49	50a-c	51	52	53 5	54 55	56	57	58 59	60	61	62 63	64	65 6	6 67	68	69 70) 71a-b	72	73 74	a-c 75	76	77 7	8 79	80	81 82	83	84 85	86	87	88	89 9	90 91
	nostly (>50%) bare ground or plant litter	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0 0	D 0	0	0 0	0	0	0	0 0	0	0 () 0	0	0 0	0	0 0	0	0	0	0 0	0 0
F56 Upland Edge	Vost of the edge between the wetland and upland is (select one):	W	W	W	W	W	W١	NΙN	NW	/ W	W	wlw	W	W	wlw	W	wlv	viwi	W١	NW	/ W	W	W۱	NW	W	W V	vIW	W	w w	W	WW	/ W	W	W	WV	NW
Complexity	Linear: a significant proportion of the AA's upland edge is straight, as in AAs bounded by partly or wholly by dikes or roads	0	0	1	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0 0	0 0	0	0 0	0	0	0	0 0	0	0 (0	0	0 0	0	0 1	0	0	0	0 1	1 0
	Convoluted: Wetland perimeter is many times longer than maximum width of the wetland, with many alcoves and	0	0	0	0	0	0	1	0 0	0	0	0 0	0	0	0 0	0	0 0	0 0	0	0 0	0	0	1	1 0	1	0 (0	0	0 0	0	0 0	0	0	0	0 0	0 0
	Intermediate: AA's perimeter either (a) is only mildly convoluted, or (b) mixed contains about lengths of linear and convoluted segments.	1	1	0	1	1	1	0	1 1	1	1	1 1	1	1	1 1	1	1 1	1 1	1	1 1	1	1	0	0 1	0	1 1	1	1	1 1	1	1 0	1	1	1	1 0	0 1
F57 Upland	The extent of inclusions of upland within the AA (as indicated by their topography, plants, and/or soils) is:																																			
Inclusions	Many (e.g., wetland-upland "mosaic")	0	0	0	1	1	0	0	1 0	0	0	0 0	0	0	0 0	0	0 0	00	0	0 0	0	0	1	1 0	1	0 () 0	0	0 0	0	0 0	0	0	0	0 1	1 0
F58 Soil Composition	The composition of the soil in the soil pit at the ground surface (uppermost soil layer and excluding the duff layer, see protocol in ORWAP Manual) is:				0	0								1						<u> </u>			0		0									1		5
in the Soil Pit	Loamy: includes silt, silt loam, loam, sandy loam	1	1	1	0	0	1	1	1 1	1	1	1 1	1	1	1 0	0	1 1	1 1	1	1 0	0	0	1	1 1	0	1	1	0	1 0	0	0 0	1	1	1	1 1	1 1
	Clayey: includes clay, clay loam, silty clay, silty clay loam, sandy clay, sandy clay loam	0	0	0	1	1	0	0	0 0	0	0	0 0	0	0	0 0	0	0 0	0 0	0	0 0	0	0	0	0 0	0	0 () 0	1	0 0	0	0 0	0	0	0	0 (0 0
	Organic : includes muck, mucky peat, peat, and mucky mineral	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0 1	1	0 0	0 0	0	0 0	0	0	0	0 0	0	0 (0 (0	0 0	0	0 0	0	0	0	0 0	0 0
E50 Downod	Coarse : includes sand, loamy sand, gravel, cobble, stones, boulders, fluvents, fluvaquents, riverwash	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0 (0 0	0	0 1	1	1	0	0 0	1	0 0) ()	0	0 1	1	1 1	0	0	0	0 (0 0
Wood	The number of downed wood precession generation of thand with diameter >0, and not submerged by water when water is present, is: Soweral (< S if ΔΔ is <10 arros or <2 for smaller ΔΔs)	1	1	0	1	1	1	1	1 0	1	1	1 1	1	0	1 1	1	1 1	1 1	1	1 0	0	0	1	1 0	0	0 0		1	0 0	0	0 0	0	0	0	0 1	1 0
	everal (voluments) to dates, or vents indirect with a	0	0	1	0	0	0	0	0 1	0	0	0 0	0	1	0 0	0	0 0	D 0	0	0 1	1	1	0	0 1	1	1 1	1	0	1 1	1	1 1	1	1	1	1 0	0 1
F60 Ground	The number of animal burrows, mounds, hummocks, boulders, upturned trees, islands, natural levees, dry channels, pits, wide soil cracks, and microdepressions (in parts of the AA that lack persistent water) is:																																			
	Several (extensive micro-topography)	0	0	0	0	0	0	1	0 0	0	0	0 0	0	0	0 0	0	0 0	0 0	0	0 0	0	0	1	1 0	0	0 (0 0	0	0 0	0	0 0	0	0	0	0 0	0 0
	Few or none (minimal microtopography; <1% of the area that isn't persistently inundated); e.g., many flat sites having a	0	0	0	0	0	0	0	0 1	1	1	1 1	1	0	1 0	1	0 0	D 0	0	0 1	1	1	0	0 1	1	1 () 1	0	0 0	0	0 0	0	0	1	0 0	0 0
	single hydroperiod	1	1	1	1	1	1	0	1 0	0	0	0 0	0	1	0 1	0	1 1	1 1	1	1 0	0	0	0	0 0	0	0	0	1	1 1	1	1 1	1	1	0	1 1	1 1
F61 Internal	The gradient along most of the AA's water flow paths (both sheet and channel flow) is:								. 0			5 0			5						0		0				0							0		
Gradient	>10%	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0 0	0 0	0	0 0	0	0	0	0 0	0	0 (0 0	0	0 0	0	0 0	0	0	0	0 0	0 0
	5-10%	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0 0	D 0	0	0 0	0	0	0	0 0	0	0 () ()	0	0 0	0	0 0	0	0	0	0 0	0 0
	2-5%	1	1	1	1	1	1	1	1 0	0	0	0 0	0	0	0 1	0	1 1	1 1	1	1 0	1	1	1	1 1	1	1 () 1	1	0 0	0	0 1	1	1	0	1 1	1 0
F42 Fich Accord	-lat (<2%, no slope or flow is ever apparent. Includes most depressional sites	0	0	0	0	0	0	0		1	1	1 1	1	1	1 0	1	0 0	0 0	0	0 1	0	0	0	0 0	0	0 1	0	0	1 1	1	1 0	0	0	1	0 0	$\frac{1}{1}$
From Offiste	main isin (e.g., sucheaded, minimuw) nom elsewhere in the watershed can access part of this AA for at least 2 days during most years or are known to already be present onsite.	1	1	0	0	0		<u>'</u>			'	0 0	1	0	0 1	'	· ·		1		'		<u>'</u>		1			1	0 0	0	0 0	0	0	0		<u> </u>
F63 Nesting or Roosting	Within the AA or within its wetland or within 300 ft of AA, there are bridges, buildings, caves, or ledges with openings/ revices well-maintained bird or bat boxes, elevated platforms, or other artificial structures suitable for pesting by some	0	0	0	0	0	1	0	1	0	0	0 0	1	1	1 0	1	0 0	0 0	0	0 1	0	1	1	1 0	1	0 1	0	0	0 0	0	0 0	0	0	0	1 1	1 1
Structures	ative bird or bat species.																																			
F64 Cliffs, Banks,	n the AA or within its wetland or within 100 ft of the AA, there are elevated terrestrial features such as cliffs, stream banks,	1	1	0	0	0	1	1	1 1	0	0	0 0	0	1	0 1	1	1 1	1 1	1	1 1	0	1	1	1 0	1	0 0	0	0	0 0	0	0 0	0	0	0	1 0	J 0
or Beaver	excavated pils, of purfice waits (but not riprap) that extend at least of it fleanly vertically, are unvegetated, and potentially contain crovices or other substrate suitable for nesting or den areas. Or there is ovidence that beaver have used this AA																																			
	(e.g., gnawed limbs).																																			
F65 Visibility	The maximum percent of the wetland that is visible from the best vantage point on public roads, public parking lots, public																																			
	buildings, or public paved paths that adjoin or are within 300 ft of the AA (select one) is:													_			_		_	_			_	_							_			_		
	>50%	0	0	0	0	0	0	1		0	0	0 0	0	0	1 0	0	0 0		0	0 0	0	0	0	0 0	1	0 1	0	0	0 1	1	1 1	0	0	0	0 0	0 0
	25-50% - 25%	1	1	0	0	1	1	0	1 0	0	0	0 0	0	0	0 1	1	1 1	1 1	1	1 1	1	1	1		0			1	1 0	0	0 0	0	0	0	1 1	J 0
F66 Ownership	Vost of the AA is (select one):							0			l I	0 0		-													· ·			0	0 0	0	0	0		· · ·
	n public ownership	0	0	0	0	0	0	0	0 1	1	1	1 1	1	1	1 0	1	1 1	1 1	1	1 1	0	0	0	0 0	0	0 0	0	0	0 0	0	0 0	0	0	0	1 0	0 0
	n private ownership	1	1	1	1	1	1	1	1 0	0	0	0 0	0	0	0 1	0	0 0	0 0	0	0 0	1	1	1	1 1	1	1 1	1	1	1 1	1	1 1	1	1	1	0 1	1 1
F67 Public	For most of the AA, permission for access is normally given or allowed:							_									_		_	_			_				_								_	
Access	o anyone, on any date, no permit required	0	0	0	0	0	0	0		1	1	1 1	1	1	1 0	1	1 1		1	1 1	0	0	0	0 0	0	0 0	0	0	0 0	0	0 0	0	0	0	0 0	0 0
	o anyone, but only on particular dates, no permit required	0	0	0	0	0	0	0		0	0	0 0	0	0	0 0	0	0 0		0	0 0	0	0	0		0			0	0 0	0	0 0	0	0	0	0 0	0 0
	only on a case-by-case or permit basis, only on particular dates	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0 0	0 0	0	0 0	0	0	0	0 0	0	0 () 0	0	0 0	0	0 0	0	0	0	0 1	1 0
	seldom or never	1	1	1	1	1	1	1	1 0	0	0	0 0	0	0	0 0	0	0 0	0 0	0	0 0	0	0	0	0 0	0	0 () ()	0	1 0	0	0 0	0	0	0	0 0	0 0
5 (0 N	(do not know)	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0 1	0	0 0	0 0	0	0 0	1	1	1	1 1	1	1 .	1	1	0 1	1	1 1	1	1	1	1 (0 1
F68 Non-	Assuming access permission was granted, select all statements that are true of this AA as it currently exists:	1	1	1	1	1	1	1	1 1	1	0	1 1	1	1	1 1	1	1 1	1 1	1	1 1	1	1	1	1 1	1	1 1	1	1	1 1	1	1 0	1	1	1	0 0	0 0
Uses -	waiking is physically possible in >5% of the AA during most of year, e.g., nee of deep water and dense shrub thickets		· ·					· -	· ·		Ŭ	1 I 1	·	·		'	· '		·	· ·			·								1 0		· ·	'	0 0	5 0
Actual or	All or part of the AA (or an area within sight of the AA and within 100 ft) would be physically accessible to people in	0	0	1	1	1	0	0	0 0	0	0	0 0	0	0	0 0	0	1 1	1 1	1	1 0	1	0	1	1 0	1	0 1	1	1	0 0	0	1 0	1	1	0	0 0	0 0
Potential	wheelchairs, e.g., paved and flat Maintained roads, parking areas, or foot-trails are within 30 ft of the AA, or the AA can be accessed most of the year by	1	1	1	1	1	1	1	1 1	1	1	0 0	1	1	1 0	1	1 1	1 1	1	1 0	1	1	1	1 1	1	1 1	1	1	0 0	0	1 1	1	1	0	1 1	1 1
	poat																																			
F69 Sustained	Plants, animals, or water in the AA have been monitored for >2 years, unrelated to any regulatory requirements, and data	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0 0	D 0	0	0 0	0	0	0	0 0	0	0 0	0	0	0 0	0	0 0	0	0	0	0 0	0 0
Scientific	are available to the public. Or the AA has been designated by an agency or institution as a benchmark, reference, or status- rende mentaring workand																																			
Use	(do not know)	1	1	1	1	1	1	1	1 1	1	1	1 1	1	1	1 1	1	1 1	1 1	1	1 1	1	1	1	1 1	1	1 1	1	1	1 1	1	1 1	1	1	1	1 1	1 1
F70 Consumptive	Recent evidence was found within the AA of the following potentially-sustainable consumptive uses. Select all that apply.																																			
(Provisioning	ow-impact commercial timber harvest	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0 0	0 0	0	0 0	0	0	0	0 0	0	0 0	0	0	1 0	0	0 0	0	0	0	0 0	0 0
Services)	ow-impact grazing	0	Ő	Ő	0	0	Ő	0	0 0	0	ŏ	0 0	ŏ	0	0 0	ŏ	0 0		õ	0 0	0	0	0	0 0	0	0 0	0	0	0 0	0	0 0	0	0	0	0 0	0 0
	commercial harvesting of hay or mushrooms	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0 0	0 O	0	0 0	0	0	0	0 0	0	0 (0	0	0 0	0	0 0	0	0	0	0 0	0 0
	waterfowl hunting or furbearer trapping	0	0	0	0	0	0	0	0 0	0	0	0 0	0	0	0 0	0	0 0	0 0	0	0 1	0	0	0	0 0	0	0 (0	0	0 0	0	0 0	0	0	0	0 0	0 0
	ishing (including shellfish harvest)	0	0	0	0	0	0	0	0 0	0	1	0 1	0	0	0 1	0	1 1		1	1 0	1	0	1		0	1 (0 1	0	0 0	0	0 0	0	0	0	1 1	0
F71 Domestic	vone or me apove Nells that currently provide drinking water are:											. 0					5 0				U		5				0		0						5 0	
Wells	Within 500 ft and downslope from the AA	1	1	1	1	1	1	1	1 0	0	0	0 0	0	0	0 0	0	0 0	0 0	0	0 0	1	1	1	1 1	1	1 1	1	0	0 0	0	0 1	0	0	1	1 1	1 1
	500-1000 ft and downslope	0	0	0	0	0	0	0	0 1	0	0	0 0	0	0	0 1	0	0 0	0 0	0	0 1	0	0	0	0 0	0	0 () 0	0	1 1	1	1 0	0	0	0	0 0	0 0
																																				13

	1	Accessment Area	47	40	40	50	51	52	52	54 FF	E/	[F7] F		(0	/1 /	2 62	2 4	/F //		(0 (0	70 71	a h 7'	72	740.0	75	74 77	70	70	00	01 01		0.4	05	0/	07 0	0 0	0 00	01
	-	ASSESTIEIL ALE	4/	48	49	50a-c	51	32	33	54 55	00	5/ 5	5 59	00	01 0	02 03	5 04	00 00	0/0/	08 09	70 7	a-0 74	/3	74a-c	/5	0 //	/8	79	80	81 8.	2 83	84	85	00	8/ 8	58 8	9 90	91
		>1000 ft downslope, or none downslope, or AA is tidal, or no information	0	0	0	0	0	0	0	0 0	1	1 1	1	1	1 1	1 0	1	1 1	1	1 1	0	0 0	0	0	0	0 0	0	0	1	0 0	0	0	0	1	1	0 0	1 0	0
F72	Sediment	Excessive accumulation of sediment has caused problems for large boats, with shoaling in some cases necessitating	-																																			
	Removal	frequent dredging, in waters that are located:																																				
		contiguous to the AA. or <1 mile downslope from the AA	0	0	0	0	0	0	0	0 0	0	1 0	0	0	0 0	0 0	0	0 0	0	0 0	0	0 0	0	0	0	0 0	0	0	0	0 0	0	0	0	0	0	0 0	J 1	1
		1-5 miles downslone	0	0	0	0	0	0	0	0 0	0	0 0	0	0	0 0		0	0 0	0	0 0	0	0 0	0	0	0	0 0	0	0	0	0 0	0	0	0	0	0	0 0	0	0
		To mines downslope	1	1	1	1	1	1	1	1 1	1	0 1	1	1	1 1		1	1 1	1	1 1	1	1 1	1	1	1	1 1	1	1	1	1 1	1	1	1	1	1	1 1		0
570	Deserved	25 miles downside, on the accumulation problems, of no information										Ů,																									<u> </u>	
F/3	Devegetation	The percent of the AA's vegetation cover that normally grows tailer than 4 inches but which has been persistently reduced																																				
		to less than that height by mowing and/or grazing by domestic or wild animals is:																																				\perp
		>95%	0	0	0	0	0	0	0	0 0	0	0 0	0	0	0 0	0 0	0	0 0	0	0 0	0	0 0	0	0	0	0 0	0	0	0	0 0	0	0	0	0	0	1 0	J 0	0
		50-90%	0	0	0	0	0	0	0	0 0	0	0 0	0	0	0 0	0 0	0	0 0	0	0 0	0	0 0	0	0	0	0 0	0	0	0	1 0	0	0	0	0	0	0 0	J 0	0
		5-50%	0	0	0	0	0	0	0	0 0	0	0 0	0 0	0	0 0	0 0	0	0 0	0	0 0	1	1 0	0	0	0	0 1	0	1	0	0 0	0	0	1	0	0	0 0	0 0	1
		-5% or grazing/ mowing does not cause the described condition	1	1	1	1	1	1	1	1 1	1	1 1	1	1	1 1	1 1	1	1 1	1	1 1	0	0 1	1	1	1	1 0	1	0	1	0 1	1	1	0	1	1	0 1		0
E74	Coro Aroa 1	The part of the AA almost house visited by burnes during an average year probably comprises:																																		0	_	4
Г/4	COLE ALEA I	The part of the AA almost never visited by numaris during an average year probably comprises.									-		-					_					_	_			-				-						_	-
		>95% of the AA		1	0	0	0	0	1	0 0	0	0 1	1	1	0 () ()	0	0 0	0	0 0	0	0 0	0	0	0	1 0	0	0	0	1 1	1	1	0	0	0	0 0	, 0	0
		50-95%	0	0	0	1	1	1	0	1 1	1	0 0	0 0	0	1 1	1 0	0	0 0	0	0 0	0	1 0	1	1	0	0 1	0	1	1	0 0	0	0	0	1	1	0 1	0	0
		5-50%, or <5% but inhabited building is within 300 ft of the AA	0	0	1	0	0	0	0	0 0	0	0 0	0	0	0 0	0 1	1	1 1	1	1 1	1	0 1	0	0	1	0 0	1	0	0	0 0	0	0	1	0	0	0 0	J 1	1
		<5%, and no inhabited building within 300 ft of the AA	0	0	0	0	0	0	0	0 0	0	1 0	0	0	0 0	0 0	0	0 0	0	0 0	0	0 0	0	0	0	0 0	0	0	0	0 0	0	0	0	0	0	1 0) ()	0
F75	Core Area 2	The part of the AA visited by humans almost daily for several weeks during an average year probably comprises:																																				1
1	1	,	1	1																													1					
			0	0	0	0	0	0	0	0 0	0			0				0 0		0 0		0 1	0	0	0	0 0	0	0	0	0 0	0	0	0	0	0	0 0		-
1	1		0	0	0	0	0	U	0		0		0	0			0	0 0	0	0 0	0		0	1	0		0	1	0	0 0	0	0	0	0	0			
		50-95%	U	U	0	U	U	U	U	0 0	U	0 0	U	0	0 0	0 0	U	0 0	0	0 0	0	0	1		0	0 0	U	1	0	0 0	U	U	0	0	0	1 1		0
1	1	5-50%	0	0	0	0	0	0	0	0 0	1	1 0	0	0	0 0	1 נ	0	1 1	1	1 1	0	υ Ο	0	0	1	0 1	0	0	1	0 0	0	0	1	1	1	υ Ο	, 0	0
		<5%	1	1	1	1	1	1	1	1 1	0	0 1	1	1	1 1	1 0	1	0 0	0	0 0	1	0 0	0	0	0	1 0	1	0	0	1 1	1	1	0	0	0	0 0	J 0	1
F76	Weed Source	Along the AA's boundary with upland, the percent of the upland edge (within 10 ft of AA) that is occupied by species that																																				
	Along Upland	are marked as invasive in the Plants worksheet is:																																				
	Edge	most (~50%) of the unland edge	0	0	0	0	0	0	0	0 0	0	0 0	0	0	0 0	0 0	0	0 0	0	0 0	0	0 0	0	0	0	0 0	0	0	0	0 0	0	0	0	0	0	0 0	0 0	0
	Luge	most (>50%) of the upland edge	0	0	0	0	ů O	ů ů	0	0 0	0	0 0	0	0			ů	0 0	0	0 0	ů l	1 0	0	0	0	0 1	1	1	0	0 0	0	0	1	0	0			0
		nucre (3-50 × 6) of the uplant edge	0	0	0	0	0	0	0	1 0	0	0 0	0	0			0	0 0	0	0 0	0		0	0	0		1	1	0	0 0	0	0	1	0	0			0
		some (1-5%) of the upland edge								0	0	0					0				0	0 0				0	0	0		0 0	0	0	0					0
		none of the upland edge (invasives apparently absent), or AA is an island with no upland	0	0	0	0	0	0	0	0 1	1	1 0	0	0	0 () ()	1	0 0	0	0 0	1	0 1	0	0	0	0 0	0	0	0	1 1	1	1	0	0	0	0 0	, 0	1
F77	Natural Land	Within 100 ft upslope of the AA's wetland-upland boundary, the percent of the upland that contains natural (not																																				
	Cover in	necessarily native) land cover is:																																				
	Buffer	>90% or there is no upland boundary	1	1	0	1	1	1	1	0 1	1	1 1	1	1	1 1	1 1	1	1 1	1	1 1	1	0 1	1	1	0	0 0	0	0	1	1 1	1	1	0	1	1	0 0	ງ 1 /	0
		60 to 90%	0	0	1	0	0	0	0	1 0	0	0 0	0	0	0 0	0 0	0	0 0	0	0 0	0	1 0	0	0	1	1 0	0	1	0	0 0	0	0	0	0	0	1 1	0	0
			0	0	0	0	0	0	0	0 0	0	0 0	0	0	0 0		0	0 0	0	0 0	0	0 0	0	0	0	0 1	1	0	0	0 0	0	0	0	0	0	0 0		0
			0	0	0	0	0	0	0	0 0	0	0 0		0			0	0 0	0	0 0	0		0	0	0		0	0	0	0 0	0	0	0	0	0			0
		5 10 30%	0	0	0	0	0	U	0	0 0	0	0 0	0	0		J U	0	0 0	0	0 0	0	0 0	0	0	0	0 0	0	0	0	0 0	0	0	1	0	0	0 0	<u>, U</u>	0
_		< <u>5%</u>	0	0	0	0	0	0	0	0 0	0	0 0	0	0	0 0) ()	0	0 0	0	0 0	0	0 0	0	0	0	0 0	0	0	0	0 0	0	0	0	0	0	0 0	1 0	1
F78	Type of Land	Within 100 ft upslope of the AA's wetland-upland boundary, the upland land cover that is not natural (as defined above) is																																				
	Cover	mostly:																																				
	Alteration in	impervious surface, e.g., paved road, parking lot, building, exposed rock	0	0	0	0	0	0	0	0 0	0	0 0	0	0	0 0	0 0	0	0 0	0	0 0	0	1 0	1	1	1	0 1	1	1	0	0 1	1	1	0	0	0	0 1	0	0
	Buffer	bare nervious surface e n. dirt road dike dunes recent clearcut landslide	0	0	0	0	0	0	0	0 0	0	0 0	0	0	0 0	0	0	0 0	0	0 0	0	0 0	0	0	0	1 0	0	0	0	1 0	0	0	0	0	0	0 0	0	0
	Ballor	bare perindus sonder, e.g., arroad, and, danes, recent cleared, tanaside	0	0	0	0	0	0	0	0 0	0	0 0		0			0	0 0	0	0 0	0		0	0	0		0	0	0	0 0	0	0	0	0	0			0
		culturated to by of ordinate	0	0	1	0	0	0	0	1 0	0	0 0		0			0	0 0	0	0 0	0	1 0	0	0	0		0	1	0	0 0	0	0	1	0	0	0 0		0
			0	0		0	0	0	0		0	0 0	0	0			0	0 0	0	0 0	0		0	0	0		0		0	0 0	0	0	1	0	0			0
		grain fields, or grassiand grazed or mowed to a neight usually shorter than 4 inches	0	U	0	0	0	0	U	0 0	0	0 0	0	0	0 () ()	0	0 0	0	0 0	0	0 0	0	0	0	0 0	0	0	0	0 0	0	0	0	0	0	0 0	, 0	0
		other	0	0	0	0	0	0	0	0 0	0	0 0	0	0	0 0	0 0	0	0 0	0	0 0	0	0 0	0	0	0	0 0	0	0	0	0 0	0	0	0	0	0	1 0) ()	0
		(buffer is >90% natural land cover or AA occupies all of an island)	1	1	0	0	0	1	1	0 1	1	1 1	1	1	1 1	1 1	1	1 1	1	1 1	1	0 1	0	0	0	0 0	0	0	1	1 1	1	0	0	1	1	0 0	J 1	1
F79	Buffer Slope	Along the AA's wetland-upland boundary and extending 100 ft uphill, the average slope of the land is mostly:																																				
1	· ·		1	1																													1					
		<1% (flat almost no noticeable slope, or there is no unland houndary)	0	0	0	0	0	0	0	0 1	1	0 0	0	0	0 0	0	0	0 0	0	0 0	0	0 0	0	0	0	0 0	0	0	0	1 0	0	0	1	0	0	0 0	0	1
		amost no noiceable sispe, or mere is no apland boundary	1	1	0	1	1	1	1	1 0	0	0 1	1	1	1 1	1 0	0	1 1	1	1 1	0	1 1	1	1	1	1 1	1	1	0	0 1	1	1	0	1	1	1 1		0
		2-3%			0					0 0	0	0					0	0 0	-	0 0	-		-	-	-		-	-	1	0 0		-	0		0			
		5-30%	0	0		0	0	0	0	0 0	0	0	0	0	0 0			0 0	0	0 0		0 0	0	0	0	0 0	0	0		0 0	0	0	0	0	0	0 0	<u> </u>	0
		>30%	0	0	0	0	0	0	0	0 0	0	0 0	0	0	0 0	0 0	0	0 0	0	0 0	0	0 0	0	0	0	0 0	0	0	0	0 0	0	0	0	0	0	0 0	1 0	0
F80	Edge Slope	Within 10 ft of ponded surface water (if any) in early summer, the percent of the vegetated area (wetland or upland) that																																				
		has a gentle or moderate slope (less than 5% slope) is:																																				
		>75%	0	0	0	0	0	0	0	0 1	1	0 1	1	1	0 0	0 0	1	0 0	0	0 0	0	0 0	1	1	0	1 0	0	0	1	1 1	1	1	1	1	1	0 1		0
		50.75%	0	0	ů 0	0	0	0	0	0 0	0	0 0		0			0	0 0	0	0 0	0		0	0	0	0 0	0	0	0	0 0	0	0	0	0	0	0 0	0	0
1	1	25.50%	1	1	0	0	n		1	1 0	0	1 0	0	0			0	0 0	0	0 0	1 n		0	ň	ñ		0	0	ñ	0 0	0	0	0	0	ň			0
1	1	1 050/	0	0	0	0	0		0	0 0	0		0	0			0		0	0 0			0	0	0		0	0	0	0 0	0	0	0	0	0			- 0
1	1	10/	0	0	0	0	0		·		0			0				0 -	0	0 0			0	·	-		0	0	0	0 -	0	0	0	0	0			
1	1	<1%,	0	U	U	U	U	U	U	0 0	0	U 0	0	U	U (0 1	U	U 0	U	υU	U	υ 0	U	U	U	υυ	U	U	U	υ 0	0	0	0	U	U	U 0	, 0	0
		(ponded surface water in early summer covers <1% of AA, or AA is tidal)	0	0	1	1	1	0	0	0 0	0	0 0	0	0	1 1	1 1	0	1 1	1	1 1	1	1 1	0	0	1	0 1	1	1	0	0 0	0	0	0	0	0	1 0	<i>J</i> 0	1
F81	Independentl	How likely is it that any or all of this AA will persist as a wetland (not necessarily of the same type) if an existing dike or		1																	$ \top$				Т										Т			
1	y Sustainable	berm, water control structure (e.g., dam, weir), or pumping/ diversion system that now helps sustain it and is within 1 mile	1	1																													1					
1	Hydrology	of the AA was removed or became inoperable?	1	1																													1					
1		Very likely or no such feature is present (greater sustainability potential)	1	1	1	1	1	1	1	1 1	1	1 1	1	1	1 1	1 1	1	1 1	1	1 1	0	1 0	1	1	1	1 1	1	1	1	0 0	0	0	1	1	1	1 1		0
1	1	Somewhat likely - part but not all of the AA would remain a wetlend	0	0		0	0		0	0 0	0				0 0			0 0	0	0 0			0	0	0	0 0	0	0	0	1 1	1	1	0		0			
1	1	Somewhat likely part but not all of the AA would remain a wetland	U Â	U	U	0	U	U	U		0			U			0	0 0	0	0 0		0 0	U	U	U		0	U	U				0	U	U			
1	1	Uniikely or not at ali (lower sustainability potential)	0	0	0	0	0	U	U	υΙΟ	0			0	000	J 0	0	U 0	0	0 0	0	υ 1	0	U	U	υο	0	0	0	υ 0	0	0	0	U	0	υίΟ	, 0	0

		Assessment Area	92a-b	93a-b	94	95	96	97	98	99	100a-b	101	102	103	104a-b	105	106	107	108	109	110	111	112	113	114
F1	Presence of Specific	Does the AA contain, or is it part of, any of these wetland types? Mark *1* next to all that apply.	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
	Wetland Types	Tidal wetland: receives tidal water at least once during a normal year, regardless of salinity, and dominated by emergent or woody vegetation.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Lacustrine wetland: an undiked non-tidal wetland bordering a body of standing open water that is >20 acres.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Fringe wetland: an undiked "shoreline" wetland bordering persistent open water that is >3 times wider than the wetland (includes most tidal, lacustrine, large riverine, some others).	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F2	Wetland Type of Conservation	Does the AA contain, or is it part of, any of these wetland types? Mark "1" next to all that apply. Consult the "Rare Wetland Type" reported for the general vicinity by the Oregon Explorer web site, but be aware that those may not apply to the exact AA you have delimited.	Ŵ	W	W	W	W	W	W	Ŵ	Ŵ	W	W	W	W	W	W	W	W	W	W	W	W	W	Ŵ
	Concern	Bog or Fen: contains a sponge-like organic soil layer which covers most of the AA AND often has extensive cover of sedges and/or broad-leaved evergreen shrubs (e.g., Ledum). Often lacks tributaries, being fed mainly by groundwater and/or direct precipitation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Playa, Salt Flat, or Alkaline Lake: a non-tidal ponded water body usually having saline (salinity >1 ppt or conductivity >1000 µS) or alkaline (conductivity >2000 µS and pH >9) conditions and large seasonal water level fluctuations (if inputs- outputs unregulated), If a playa or salt flat, vegetation cover is sparse and plants typical of saline or alkaline conditions (e.g. Disirbits, Atriolex) are common	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Hot spring (anywhere in Oregon): a wetland where discharging groundwater in summer is >10 degrees (F) warmer than the expected water temperature	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Native wet prairie (west of the Cascade crest): a seasonally inundated wetland, usually without a naturally-occurring inlet or outlet and dominated primarily by graminoids often including species in column F	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Vernal pool (Willamette Valley): a seasonally inundated wetland, underlain by hardpan or claypan, with hummocky micro- relief, usually without a naturally-occurring inlet or outlet, and with plant species distinctly different from those in slighly higher areas, and often including species in column E.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Vernal pool (Medford area): a seasonally inundated acidic wetland, underlain by hardpan, with hummocky micro-relief, usually without a naturally-occurring inlet or outlet, and having concentric rings of similar vegetation, often including species in column E.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Vernal pool (Modoc basalt & Columbia Plateau): a seasonally inundated wetland, usually without a naturally-occurring inlet or outlet, located on shallow basalt bedrock and often having species in column E.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Interdunal wetland (Coastal ecoregion): a seasonally inundated wetland, usually without a naturally-occurring inlet or outlet, located between sand dunes where wind has scoured the sand down to the water table (deflation plain), and often with significant cover of species in column E.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Mature forested wetland (anywhere): a wetland in which mean diameter of trees (d.b.h., FACW and FAC species only) exceeds 18 inches, and/or the average age of trees exceeds 80 years, or there are >5 trees/acre with diameter >32 inches.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Ultramafic soil wetland (mainly southwestern Oregon): a low-elevation wetland, usually with a sponge-like organic soil layer, occurring in an area with exposed serpentine or peridotite rock, and/or in soils with very low Ca:Mg ratios.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Wooded tidal wetlands with >30% cover of trees and shrubs. A wetland inundated at least once annually by tides and often dominated by woody plant species.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Undiked tidal freshwater wetland: an emergent or wooded wetland inundated at least once annually by tides and with surface salinity <0.5 ppt during most of spring and summer, and which has never been diked.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F3	Low Marsh	The percent of the vegetated part of the AA that is "low marsh" (covered by tidal water for part of almost every day) is:										1	1	1	I	1	1				I	I	1		
		>95% of the AA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		50-95% of the AA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		25-50% of the AA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<1% or none of the AA (high marsh only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F4	Tidal- Nontidal	AA is (select one):	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
	Hydroconnec tivity	contiguous to a non-tidal palustrine wetland that contains surface water at least seasonally, and mostly not separated by a dike or other barrier, allowing fish access to both wetlands during spring.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		contiguous to a non-tidal palustrine wetland that contains surface water at least seasonally, but mostly separated by a dike or other barrier, yet still allowing fish access to both wetlands during spring.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		not contiguous to a non-tidal palustrine wetland that contains surface water, but has an inflowing stream that allows fish during the springtime to access a non-tidal wetland < 1 mile upstream.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		not contiguous to a non-tidal palustrine wetland that contains surface water, but has an inflowing stream that allows fish during the springtime to access a non-tidal wetland > 1 mile upstream.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		not contiguous to a non-tidal palustrine wetland, and lacks an inflowing non-tidal stream that provides fish access to an upstream wetland that contains surface water at least seasonally.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F5	Interannual	Select one:																		\vdash					
	Water Dynamics	throughout the last 5 years most of the AA has been constantly covered with surface water, except for one period (of <6 continuous months) when most of the AA went dry (lacked surface water, due to drawdown, drought, etc.).	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		unougnout the last or years most or the AA has constantly lacked surface water, except for one period (of <6 continuous months) when most of the AA was inundated (had surface water).	1	0	1	0	1	1	1	1	0	1	1	1	0	1	1	1	1	0	0	0	0	0	0
		unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
F6	Surface Water Occurrence	No part of the AA is ever inundated (contains at least 1 inch of water above the land surface) for more than 14 consecutive days during a normal year. That is, it is a saturated-only wetland. If true, mark *1* here, then SKIP TO F39 (Herbaceous Extent)	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0
F7	Seasonal Water Extent	During normal years, the percent of the wetland AA that is inundated only seasonally (more than 14 consecutive days but no more than 9 months, or in tidal wetlands is "high marsh" that is inundated by tides fewer than half the days in any month) is:																							
		>75% of the AA	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
1	1	50-75% of the AA	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0

		Assessment Area	92a-b	93a-b	94	95	96	97	98	99	100a-b	101	102	103	104a-b	105	106	107	108	109	110	111	112	113	114
		25-50% of the AA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1
		5-25% of the AA	0	1	0	1	1	1	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0
_		<5% of the AA, or none	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
F8	Extent of	When the AA's surface water is at its lowest annual level, the percent of the AA still containing surface water (whether																					l i		
	Persistent	Obscured by Vegetation of holy is:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	-	0	0	0
	Water (Drv	>95% 01 the AA	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	Season)	25-50% of the AA	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Couseriy	1-25% of the AA	0	0	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
		None of the above, and the AA contains or is part of a fringe wetland, SKIP to F10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		None of the above, and not a fringe wetland, SKIP to F10	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
F9	Onsite	When the AA's surface water is at its lowest annual level (for tidal wetlands = annual lowest tide), the percent of the																				1			
	Surface	surface water that is in or connected to flowing channels that exit the AA, compared to surface water that is outside of																					l i		
	Water	channels and their floodplains (e.g., in small depressions that do not connect annually to the channel if any), is:																							
	Isolation (Dry																								
	Season)	all (100%) located in channels, swales, or with a contiguous surface water connection to a lake or estuary at all times of	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
		year																							
		75-99% in or connected to channels, swales, or contiguous lake/ estuary, 1-25% in isolated pools	0	0	1	1	1	1	0	1	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0
		50-75% in or connected to channels, swales, or contiguous lake/ estuary, 25-50% in isolated pools	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		25-50% in or connected to channels, swales, or contiguous lake/ estuary, 50-75% in isolated pools	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		1-23% III OF CUMPECIEU TO CHAMPERS, SWALES, OF CUMPYOUS TAKE? ESTUARY, 75-99% III ISOTATED pools are lowest	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E10	Onsito	all located in isolated publis of a single isolated public from which no surface water exits when revers are lowest During most of the waterst time of a normal year, the percent of the surface water that is in or connected to dirches	0		0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0		0	0	0
FIU	Surface	swales or flowing channels that evit the AA compared to surface water that is in isolated pools that do not connect																							
	Water	annually to channels or swales (if any) is:																							
	Isolation	all (100%) located in channels, swales, or in other areas with a wet-season surface connection to channels or to a	0	1	1	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	(Wet	contiguous lake or estuary	Ů		1 ·	ľ	ľ	ľ	ľ		· ·	ľ	Ŭ	Ŭ	Ŭ	Ŭ	Ŭ		Ů	Ŭ	ľ	ľ		Ŭ	Ŭ
	Season)	75-99% in or connected to channels, swales, or contiguous lake/ estuary, 1-25% in isolated pools	0	0	0	1	1	1	0	0	0	0	0	1	0	1	1	0	1	1	1	1	1	1	1
	,	50-75% in or connected to channels, swales, or contiguous lake/ estuary, 25-50% in isolated pools	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		25-50% in or connected to channels, swales, or contiguous lake/ estuary, 50-75% in isolated pools	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		1-25% in or connected to channels, swales, or contiguous lake/ estuary, 75-99% in isolated pools	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		all located in isolated pools or a single isolated pond from which no surface water exits	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
F11	Predominant	During most years, the difference in surface water level in most of the vegetated area between the driest and wettest time	-										•		-					•			. 1	•	
	Water	of year is:																							
	Fluctuation	>6 ft change	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Range	3-6 ft change	0	0	1	1	1	1	0	1	0	0	0	1	0	1	1	1	0	0	0	0	0	0	0
		1-3 ft change	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0.5 - 1 ft change	0	1	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	1	1	1	1	1	1
F10	Dredeninent	<0.5 It of no change (stable) During most of the time surface water is present, its doubt in most of the invested and of the AA is.	U	U	0	0	0	U	0	U	0	U	U	U	U	U	U	U		0	0	- 0	0	0	0
FIZ	Predominant	During most of the time surface water is present, its depth in most of the inundated part of the AA is:		1	0			0		0	0	0	0	0	0	0	0		<u> </u>	-		<u> </u>			-
	Deptil Class	>o II deep	0	0	1	1	1	1	0	1	0	0	0	1	0	1	1	1	0	0	0		0	0	0
		1-2 ft deep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		05-1 ft deep	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0
		<0.5 ft deen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
F13	Depth Class	During most of the time when surface water is present (select one):		-									-		-	-			<u> </u>	<u> </u>					
	Distribution	One depth class (use the classes in F13) comprises >90% of the AA's inundated area	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1
		One depth class comprises >50% of the AA's inundated area	0	1	1	1	1	1	0	1	0	0	0	1	0	1	1	1	1	0	0	0	0	0	0
		Neither of above	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
F14	Deep Spots	Ponded nontidal water deeper than 3 ft covers at least 1 acre or >5% of the AA during (check all that apply):		1							1											1			
		most of the period November-April	0	1	1	1	1	1	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
		most of the period May-October	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1
		neither of above (no ponded water >3 ft deep is that extensive)	0	0	0	0	0	0	1	0	1	0	1	0	0	1	0	0	1	0	0	0	0	0	0
		impossible to tell	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0
F15	Open Water	Visualize the extent and distribution of ponded open water within the AA, relative to the distribution of the most dominant	0	16	8	2	2	2	8	8	1	0	1	8	0	1	2	2	2	2	2	2	2	2	2
	Interspersion	form of partly-inundated vegetation (herbaceous or woody, with stems and leaves >4" above the water surface). Visualize																							
	With Partly	this as it occurs during May of most years. In the table to the right, first estimate the percent open water (left column) in																				1 1			
	Inundated	the AA, then its distribution (top row). Select the highest applicable number and enter it in column D. If the AA has no																							
	vegetation	ponded water during May, score it "1." If this is a fringe wetland, assume Open water is >70%.																							
		Note: Dended open water is surface water that is not visibly flewing and contains no vegetation. (event perhaps fleating								-															-
		Note: Ponded open water is surface water that is not visibly flowing and contains no vegetation (except perhaps floating-																							
		condition at average mid.tide																					l i		
F16	Inflow	When surface water (if any) enters the AA it enters as (select all annlicable choices).		<u> </u>							<u> </u>								<u> </u>	<u> </u>		<u>+</u>			
1 10		flow moving in channels or ditches	0	1	1	1	1	1	0	1	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1
1		surface water exchanged broadly with contiguous waters such as an estuary. lake. or major river	Ő	1	0	1	1	1	Ō	1	0	Ő	0	1	0	1	1	1	0	0	0	0	0	1	1
1		water pumped into or intentionally diverted to the AA, e.q., as part of a stormwater dispersion system, irritation practice. or	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0
		drainage tile outlet																					l i		
L		groundwater, runoff, and direct precipitation	0	1	1	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1
F17	Groundwater	Select one:	\\/	\٨/	\٨/	\\/	\٨/	\٨/	\٨/	\٨/	\٨/	\٨/	\٨/	\٨/	\٨/	\٨/	\٨/	\٨/	١٨/	\٨/	\٨/	\٨/	\٨/	\٨/	١٨/
			VV	VV		VV	1	VV	~~	VV	vv	VV	VV	vv	VV	vv	vv	VV	VV	VV	~~	VV	VV	vv	VV
		Part of the wetland contains strong evidence of groundwater discharges at the wetland surface during summer. (a)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Springs are observed or are shown on maps, or (b) water is cooler in summer and warmer in winter than in other local			1	1				1	1								1			1	1	1	
1		wettands, or (c) measurements from shallow wells indicate groundwater is discharging to the wetland.					1			1	1												1	1	
1	1		1	1		1	1	I	1	1	1	1		I		1	1	1	1		1	1	1	1	<u> </u>

		Assessment Area	92a-b	93a-b	94	95	96	97	98	99	100a-b	101	102	103	104a-b	105	106	107	108	109	110	111	112	113	114
		Part of the wetland has less definitive evidence of discharging groundwater during summer. Wetland has no perennial tributary and is on organic, sandy, or gravelly soil (as determined in F59) AND has one or more: (a) outflow is present and persists during most of the summer or (b) on a natural slope of >5%, or (c) very close to the base of a natural slope steeper than 15%, or (d) located at a geologic fault, or (e) has rust deposits, colored precipitates, or dispersible natural oil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		sheen, or (f) within a mile of the top of a HUC4 watershed. Neither of above is true, although some groundwater may discharge to or flow through the wetland, and wetland is in a	0	1	1	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1
		region of eastern Oregon with mean annual precipitation of less than xx. None of the above	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F18	Outflow Duration	The most durable surface water connection between the wetland and the closest contiguous and/or downslope surface waters is:	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
		persistent (>9 months/yr), or daily tidal exchange	0	1	1	1	1	1	0	1	0	0	1	1	0	1	1	1	1	1	1	0	1	1	1
		seasonal (14 days to 9 months/yr, not necessarily consecutive)	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0
		temporary (<14 days, not necessarily consecutive)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F10	Outflow	none the wetland lacks an outlet. It so, mark -1 here and SKIP TO F26 (Shellering of water).	0	0	0	0	U	U	1	0	0	0	0	0	0	0	0	0	0	U	0	0	0	0	0
F 19	Confinement	During major runoit events, in the places where surface water exits the wetland it is:	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
		topography), or water is pumped out of the wetland (e.g., for irrigation)	0		0		'	1'	0	0		0		U	U	0	0	0		'	'	1'	0	1	1
		not impeded by anything other than (possibly) natural topography	0	0	1	0	0	0	0	1	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0
F20	Inlet+Outlet	Either the wetland has BOTH an inlet and outlet with seasonal or persistent surface flow, or the wetland is tidal or lacustrine . If so, enter "1" here and continue. If neither condition met, enter "0" here and then SKIP to F25 (Sheltering of Water).	0	1	1	1	1	1	0	1	0	0	0	1	0	1	1	1	1	1	1	0	1	1	1
F21	Throughflow Complexity	During peak annual flow, the surface water that flows through the wetland's channel or floodplain:	W	W	W	' W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
		encounters little or no vegetation, boulders, or other sources of friction.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
		mostly encounters herbaceous vegetation that offers little resistance, and water follows a fairly straight path from entrance to exit (few internal channels, only slight meandering)	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		mostly encounters herbaceous vegetation that offers little resistance and follows a fairly indirect path from entrance to exit (non-channelized flow or many internal channels, or very braided or tightly meandering)	0	0	1	0	0	0	0	1	0	0	0	1	0	1	1	1	0	1	1	0	1	1	1
		encounters measurable resistance from fairly-rigid vegetation (e.g., cattail, bulrush, woody plants) or channel-clogging debris, and follows a fairly straight path from entrance to exit.	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		encounters measurable resistance from fairly-rigid vegetation (e.g., cattail, bulrush, woody species) or channel-clogging debris, and follows a fairly indirect path from entrance to exit.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F22	Vegetated Zone	During most of the time open water is present in the wetland, vegetated areas within the wetland, where they are continuous to one water, are:																							
	Relative	wider than the continuous open water	0	1	1	1	1	1	0	1	0	0	0	1	0	1	1	1	1	1	1	0	1	1	1
	Width	narrower than the contiguous open water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F23	Vegetated Zone	At the AA, the average width of wetland vegetated area that separates adjoining uplands (if any) from contiguous open waters (if any) is:																							Γ
	Absolute	>300 ft, or no contiguous upland or open waters (not even temporary)	0	0	1	1	1	1	0	1	0	0	0	1	0	1	1	1	1	0	0	0	0	0	0
	Width	100-300 ft	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1
		25-100 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		5-23 IL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F24	Undercut	During most of the spring and summer, the percent of the AA's water edge, if any, that has undercut banks is:	Ť	Ť	Ť	Ť			Ť	Ů	Ŭ	Ů	Ŭ	Ū		Ŭ	Ŭ	Ů		Ű	Ŭ	Ť	Ŭ		<u> </u>
	Banks	>75%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		50-75%	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		25-50%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		1-25%	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<1%, or no definable water edge is present	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0
F25	Sheltering of	At mid-day in summer, the area of surface water within the AA that is shaded by herbaceous or woody vegetation, incised	0	0		0		0	0		0	0	0	1	U			- '		0	0	0			0
	Water	channels, streambanks, or other features also present within the AA is:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		50-75% of the water	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		25-50% of the water	0	1	0	0	Ő	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		5-25% of the water	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<5% of the water	0	0	0	1	1	1	0	0	0	0	0	1	0	1	1	1	1	1	1	0	1	1	1
		(surface water is typically absent in summer or during low tide)	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0
F26	Abovewater Wood	The number of downed wood pieces thicker than 4 inches that remain only partly underwater during most of the spring or early summer, thus potentially serving as basking sites for turtles, birds, or frogs, is:																							
		Several	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
507	lalanda	Few or none, or AA never has any surface water at that time	0	0	1	1	1	1	1	1	0	0	1	0	0	1	1	0	1	1	1	1	1	1	1
F27	Islands	Select all that apply:	W	W	W	' W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
		During early summer the AA contains a floating vegetation mat suitable for nesting birds and isolated from the shore by water depths >3 ft. Or AA is an island with similar isolation and a gently-sloping water edge that is mostly vegetated.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		During early summer the AA contains (or is) an island with a gently-sloping water edge, that is mostly bare and is isolated from the shore by water denths >3 ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Neither of above	0	1	1	1	1	1	1	1	0	0	1	1	0	1	1	0	1	1	1	1	1	1	1
F28	Shorebird Feeding	The extent of mudflats or unwooded shortgrass areas within the AA during April or August (or for tidal AAs, during mean low tide) is usually:																							
	Habitats	none, or <100 sq. ft, and there are none that cover >10,000 sq. ft anywhere within 300 ft of the AA	0	0	0	1	1	1	0	0	0	0	1	1	0	1	1	1	0	0	0	0	0	0	1
		none, or <100 sq. ft, but some that cover >10,000 are within 300 ft of the AA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Ó	0	0
		100-1000 sq. ft. within AA	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
		1000 - 10,000 sq. ft. Within AA	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F29	Waves	Which of the following is most true:	, v			-							0	J	U									- U	

		Assessment Area	92a-b	93a-b	94	95	96	97	98	99	100a-b	101	102	103	104a-b	105	106	107	108	109	110	111	112	113	114
		Wind or boats frequently generate waves of >1 ft near the AA, those waves are intercepted by the wetland, and structures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		behind the AA are protected from wave erosion													-										
		Wind or boats frequently generate waves of >1 ft near the AA, those waves are intercepted by the wetland, but there are no	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		structures behind the wetland																							
_		Neither wind nor boats frequently generate waves of >1 ft near the AA	0	0	1	1	1	1	1	1	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1
F30	Vectors for	Select all that apply:																	\vdash						
_	Waterborne	a regularly-used boat dock is present within or contiguous to the AA	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Pests	a regularly-used boat dock is not within the AA, but there is one within 300 ft of the AA and there is a persistent or tidal	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	-	surface connection between the dock and the AA			-	-	0	0	0	0	0	0	0	0	0	0	0	_	<u> </u>	-		0	0	_	-
_	-	Targe snips that empty ballast water are regularly present in hearby contiguous waters	0	0	1	1	1	1	0	1	0	0	0	1	0	0	0	1		0	0	0	0	0	0
		nearby perophilal stream river lake or estuary	0	0		1'	'	'	0	· ·	0	U	0	'	0	0	0	· ·	0	0	0	0	0	0	0
	-	none of the above	0	0	0	0	0	0	1	0	0	0	1	0	0	1	1	0	1	1	1	1	1	1	1
F31	Non-native	The following are known or likely to have reproducing populations in this AA, its wetland, or in water bodies within 300 ft	Ŭ	Ű	Ť	Ť	Ť	Ŭ		Ŭ	Ŭ	0		0	Ŭ			Ŭ	<u> </u>		· ·				· ·
	Aquatic	that connect to the AA at least seasonally. Select all that apply:																							
	Animals	non-native amphibians (e.g., bullfrog) or reptiles (e.g., red-ear slider)	0	1	1	1	1	1	0	1	0	0	0	1	0	1	1	1	1	0	0	0	0	1	1
		carp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		other non-native fish (e.g., bass, gambusia, walleye, crappie, brook trout)	0	1	1	1	1	1	0	1	0	0	0	1	0	1	1	1	1	0	0	0	0	1	1
		non-native invertebrates (e.g., New Zealand mudsnail, mitten crab, rusty crayfish)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		nutria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		none of above, or unknown	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	1	0	0
F32	Ice-free	During most years, most of the wetland's surface water does not freeze, or freezes for fewer than 4 continuous weeks, or	0	1	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	1	1	1	1	1	1
-		surface water is absent most winters.	<u> </u>		_						_					_		_	<u> </u>						
F33	Ponded	During most of the summer, the AA contains more than 0.25 acre of ponded non-tidal surface water that is deeper than 1	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0
	Inreshold	II, OF IS WITHIN SUCH TO SUCH AN AREA AND THE INTERVENING NADIAL IS NOT DEVELOPED (roads, etc.). Or nesting within the AA by																	1						
F24	No Cours	oucks, geese, or swaris has been proven.	0	1	1	1	1	1	1	1	0	0	0	1	0	0	0	1	1	1	0	0	0	0	1
F34	No Scum	During most summers, less than 80% of the water surface is covered by floating algae, duckweed, and other non-rooted	0		1'	1'	L '	'	L '	L '	0	U	U	'	U	0	0	· ·			0	U	0	0	
		aquatic prants, Anvol no major rish kins occur. In no sunace water is present in summer, mark i i in column D.																				1			
E3E	Submorgod	SAV (submerged & floating, leaved aquatic vegetation) occurries an annual maximum of																				+	<u> </u>		
133	& Floating-	SAV (submerged & floating-leaved aquatic vegetation) occupies an annual maximum or.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
	leaved	50.05% of the surface water area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Aquatic	25-50% of the surface water area	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	Vegetation	5-25% of the surface water area	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0	1	1	0
	(SAV)	<5% of the surface water area. Mark "1" here and SKIP TO F39 (Herbaceous Extent).	0	0	1	1	1	1	1	1	0	0	1	1	0	0	0	0	1	0	0	1	0	0	1
F36	SAV Invasive	The areal cover of SAV at mid-summer is comprised of:																							
	vs. Non-	mostly invasive SAV species (see list in column E). Mark "1" here and SKIP to F39.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	invasive	mostly non-invasive species	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
	Cover	impossible to tell	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	0	1	1	0
F37	SAV Native	Considering just the SAV species that are native:																							
	Species	one or two of those species together comprise >50% of the SAV cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0
	Dominance	no two of the native SAV species together comprise >50% of the SAV cover	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		impossible to tell	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
F38	SAV Species	Of all the SAV species in this AA:																							
	Ubiquity	all are species that are common among Oregon's wetlands and lakes (see Plants worksheet, "Common Species" column)	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0
																			\vdash						
		at least one species is a SAV plant that is not common among Oregon's wetlands and lakes, and it covers >1% of the SAV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
_	4	area or >100 sq. ft.										0		0	0	1	1	- 1				0			
520	11	impossible to tell	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
F39	Find the first of t	The areal cover of nerbaceous plants during mid-summer is:	1	-	-	_						0		0				_	-		1	1	1	1	1
	Extent	>95% of the vegetated part of the AA	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			1	1	1	1	1
		25-50% of the vegetated part of the AA	0	0		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1		5-25% of the venetated part of the AA	0	1	0	0	0	0	0	1	1	0	0	1	0	1	1	0	0	0	0	0	0	0	0
		<5% of the vegetated part of the AA. Mark "1" here and SKIP TO F44 (Woodv Extent)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F40	Graminoid	The maximum annual areal cover of herbaceous plants is:	Ť	Ť	Ť	Ť	Ť	Ť	L .	L .		5		5				L .	Ť	Ť	Ť	Ť	L .	۲, T	۲, T
	vs. Forb	overwhelmingly graminoids (>80% cover of grasslike plants)	0	0	0	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
	Cover	mostly graminoids (50-80% cover)	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1		mostly non-graminoids (e.g., forbs, ferns) (50-80%)	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L		overwhelmingly (>80%) non-graminoids	1	0	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
F41	Herbaceous	The maximum annual areal cover of herbaceous plants is:																					Ĺ		
	Native vs.	overwhelmingly (>80% cover) non-native species, of which >10% are species considered invasive (see column E). Mark	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Non-native	"1" and SKIP to F44.																							
	Cover	overwhelmingly (>80% cover) non-native species, but <10% are considered invasive (see column E). Mark "1" and SKIP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1				<u> </u>	+-	-			-	-		_			L		<u> </u>	-	<u> </u>	<u> </u>	<u> </u>		-	-	<u> </u>
1		mostly (50-80%) non-native species, regardless of invasiveness	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		IIIUSUIY (DU-80%) INIXIVE SPECIES	0		0	0	0	0	0	0	1	1	1	0	0	1	1	0				1			
F 4 0	Horbosser	Of just the hothereaus species		U								T	T	T					<u> </u>	U	U	U	U	U	U
r42	Species	Ut just the herbiddebus species.	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0
	Dominance	one of two native species together comprise >50% of the area cover of herbaceous plants at any time during the year		1 '	1'	1'	'	'	'	'	0		'	'	1	· ·		l '			0	0	0	0	0
1	Dominance	no two of the native species together comprise 550% of the areal cover of herbaceous plants, or no native species are	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1
		present		ľ		ľ	ľ	ľ	ľ	ľ		5	Ĵ	5				ľ	ľ						
F43	Herbaceous	Of all the herbaceous species in this AA:	1	1	1	1	1	1	<u> </u>	1								-	<u> </u>	<u> </u>					
	Plant	all are species that are common among Oregon's wetlands (see Plants worksheet. "Common Species" column)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Species	,																							
1	Ubiquity	at least one species is not common among Oregon's wetlands and it covers >1% of the AA's herbaceous area or >100 sq.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I		ft (either contiguous or scattered)						L									L	L	L	L	L	L	L	L	L
F44	Woody	Within the AA, woody vegetation (shrubs, trees, woody vines) occupies:			Ι	Γ																			
I	Extent Within	>95% of the vegetated part of the AA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		Assessment Area	92a-b	93a-b	94	95	96	97	98	99	100a-b	101	102	103	104a-b	105	106	107	108	109	110	111	112	113	114
	the AA	50.95% of the venetated AA	0	1	0	1	0	0	0	1	1	1	0	1	0	1	1	1	0	0	0	0	0	0	0
		25-50% of the vegetated AA	0	0	1	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
		5-25% of the vegetated AA	Ő	Ő	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
		<5% of the vegetated AA	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
F45	Woody	Where surface water is present during the wettest time of year, the AA's woody vegetation occupies:																							
	Extent Along	>95% of the area within 100 ft of open water, or, nearly all of the woody vegetation is inundated during annual high water	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Water Edge																								1
		50-95% of the area within 100 ft of open water, or most of the woody vegetation is inundated during annual high water	0	0	1	1	0	0	0	0	0	0	0	1	0	1	1	1	0	0	0	0	0	0	0
		25-50% of the area within 100 ft of open water	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
		5-25% of the area within 100 ft of open water	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<5% of the area within 100 ft of water; mark "1" here and SKIP TO F50 (Woody Diameter Classes).	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0	1	1	1	1	1	1	1
F46	Woody	The wetland's woody vegetation is:																							
	Distribution	clumped in fairly distinct bands or patches mostly separate from herbaceous vegetation, and most patches or bands are	0	0	1	1	0	0	0	1	1	0	0	1	0	1	1	1	0	0	0	0	0	0	0
		large (>1 acre including contiguous upland woody veg). Or nearly the entire AA is wooded. Isolated shrubs or trees are																							1
		few.																				<u> </u>		\square	
		clumped in fairly distinct bands or patches mostly separate from herbaceous vegetation, and most patches are small (<1	0	1	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
		acre including contiguous upland woody veg).		0			0	0				0	0	0	0			<u> </u>	<u> </u>		<u> </u>	<u> </u>			
		dispersed quite evenly amid the herbaceous vegetation, in many small patches, or many isolated shrubs or trees.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.47					-	-												──	──	<u> </u>	──	—	╞──┤	\vdash	
F4/	Cover of	Within parts of the AA having shrubs or woody vines, the areal cover is:	<u> </u>									_		_				<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>			
1	vvu0dy	uverwhelmingly (>80%) non-natives that are categorized as invasive (see Plants worksheet)	0	0	0	0	0	0	0	0	U	0	U	0	0	U	U	0	0	0	0	0	0	U	U
1	IIIVASIVėS	overwineinningy other non-natives	U	0	0	0	U		U	0	U	U	U	U	0	U	U	0	0	0	0	0	U	U	U
		mostly (50 90%) notified	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0		0	0
1		niosuy (00-00/0) halives	0	1	1	1	1	1	0	1	1	0	1	1	0	1	1	1	0	0	0	0	0	0	0
E 40	Shruh & Vino	Of just the shruh & woody vine species that are pative.	U						- U			U			U		-	-	<u> </u>		<u> </u>	<u> </u>		U	U
г48	Snecios	on just me sinuo a woody ville species indi die indive.	0	1	1	1	1	1	0	1	1	Λ	1	1	0	1	1	1	0	0	0	h	0	0	0
	Dominanco	one or two or the native species together comprise 200% of the shrub & vine cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E40	Shrub & Vino	Of all the shrub & weedy vine species in this AA:	0	0	0	0	0	0	0	0	0	U	U	U	0	0	U	- 0	- 0	0	0	0	0	0	0
Γ49	Shocios	of all the stillub & woody ville species in this AA.	0	1	1	1	1	1	0	1	1	0	1	1	0	1	1	1	0	0	- <u> </u>	-		0	0
	Libiquity	an are species that are common among oregon's webands (see Fiants worksheet, Common Species column)			1.	1'	1 '	'	U V		'	0			0	'	'	[']	U U	0	0	0		U U	0
	obiquity	at least one species is not common among Oregon's wetlands and it covers >1% of the AA or >100 sq. ft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E50	Woody	Salact all the types occurrying 55% of the wooded part of the AA or 55% of its upland edge if that is wooded	Ŭ			- U				- ⁰	0	0		0	0			<u> </u>	<u> </u>		<u> </u>	<u> </u>			
1 30	Diameter	Select all the types occupying >3.6 of the wooded part of the AA of >3.6 of its uptand edge if that is wooded.																							1
	Classes	deciduous 1.4" diameter and >3 ft tall	0	0	1	1	1	1	0	1	1	0	0	1	0	1	1	1	0	0	0		0	0	0
	0103303	averareen 1.4" diameter and >3 ft tall	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1		0	1	1	0	0	1	1
		deciduous 4-9" diameter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
		evergreen 4-9" diameter	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	1	1	0	0	1	0
		dead standing 4-9" diameter	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0		0	0	0	0	0		0
		deciduous 9-21" diameter	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		evergreen 9-21" diameter	0	1	1	1	1	1	0	1	0	0	1	1	1	1	1	1	0	1	1	0	0	1	0
		dead standing 9-21" diameter	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		deciduous >21" diameter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		evergreen >21" diameter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		dead standing >21" diameter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Lacks woody vegetation, or none of above occupy >5% of the wooded part of the AA or 5% of the length of the upland	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
		edge.																							i i
F51	N Fixers	Within the vegetated part of the AA, the cover of nitrogen-fixing plants (e.g., alder, sweetgale, legumes) is:																							
		<1% or none	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1
		1-25%	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
		25-50%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		50-75%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		>75%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F52	Waterfowl	The percent of the vegetated part of the AA, excluding areas that are never inundated, which contains one or more of																							i i
1	Food Plants	these plants: Alisma spp., Beckmannia spp., Polygonum spp. (natives only), Potomogeton (Stuckenia) spp., Ruppia spp.,				1	1	1	1									1	1			1		1 1	1
		Sagittaria spp., Sparganium spp., Zostera spp., is:		<u> </u>																<u> </u>	<u> </u>	<u>+-</u>	┝╌┦	\vdash	<u> </u>
1		< 1% or none, and none are known to occur commonly within the same wetland or within 300 ft of this AA		0	1	1	1			1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
		< 1% or none, but some are known to occur commonly within the same wetland or within 300 ft of this AA	0	0	0	0	0	0	0	0	0	U	U	U	0	0	0			0	0		U	U	0
1		10 500/	0		0	0	0	0	0	Ű	U	0	U	0	0	U	U	0	0		1	0			
1		10-00%	0	0	0	0	0	0	0	U	U	0	U	0	0	U	U	0	0	0	0	0	0	U	U
EE O	Lictory of	>3070 The last time that ΣEV of the AA's vegetation sover use hyperal or here and for here a time to the source of the sou	U	U	0	U	U	U	U	0	U	U	U	U	U	U	0	<u> </u>	<u> </u>	U	<u> </u>	- 0	U	U	U
r53	Fire or	The last unite util >376 OF the AA's vegetation COVER Was burried of narvested for hay of timber Was:	0	0	_		0	0	0	0	0	0		0	0	0	0	-	-	0	0	-		0	0
	Venetation	u- iz montes ago, ante unis occurs annos annuali (ar page appual) avest	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0		0	0
	Removal	U-12 montris ago, but was not an annuar (or near-annuar) event	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Removal		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Linknown	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
E5/	Hoight	Within the stratum (berbacoous, shrub, or tree) that covers the most ensite area, the wetland plants during maximum																+	+			+		┍╧┩	
1 04	Uniformity of	annual cover condition are mostly:					1	1	1									1	1			1			1
	Dominant	of nearly uniform height (+ or - 20% of average)	1	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Stratum	of very diverse heights (e.g., short & tall forbs, short & mid-height grasses)	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F55	Bare Ground	In the part of the AA that is inundated only seasonally or is saturated the usual condition during minimum annual cover	Ť		Ť	Ť	Ť	Ť	Ť	Ť		5	۲Ť	5	Ŭ	۱Ť	۲, T	Ť	Ť	Ť	Ť	Ť	۲Ť	بت ا	Ť
	& Plant Litter	conditions in a typical 1 x 1 m plot is:				1	1	1	1									1	1			1		1 1	1
	Land Land	little or no (<5%) bare ground or plant litter is visible between stems or under canopy; dense herbaceous ground cover	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	1	1
		may be dense perennial grasses, moss, or others with high stem or root density.	ľ		ľ	Ĭ	ľ	ľ	ľ	ľ		-		2	Ĩ			ľ	ľ						
		some (5-20%) bare ground or litter is visible; moderately dense ground cover; may be mostly perennial forbs, creeping	1	0	0	0	1	1	1	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0
1		vines, fairly sparse grasses.																							
		much (20-50%) bare ground or plant litter is visible; low stem density; may be mostly woody plants, cattail, bulrush, sparse	0	0	1	1	0	0	0	1	0	1	1	1	0	0	0	1	0	0	0	0	0	0	0
	1	annuals.	1																						1

		Assessment Area	92a-b	93a-b	94	95	96	97	98	99	100a-b	101	102	103	104a-b	105	106	107	108	109	110	111	112	113	114
		mostly (> E0%) have ground or plant litter	0	730-0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EF	6 Upland Edgo	Most of the edge between the wetland and unland is (celect ano):													0									0	
FO	Shano		W	W	W	W	W	W	W	I W	I W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
	Complexity	Linear: a significant proportion of the AA's upland edge is straight, as in AAs bounded by partly or wholly by dikes or roads	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		······································																							
		Convoluted: Wetland perimeter is many times longer than maximum width of the wetland, with many alcoves and	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0
		indentations ("fingers") Intermediate: A Via parimeter either (a) is only mildly convoluted, or (b) mixed - contains shout lengths of linear and	1	0	1	1	1	1	1	1	1	1	1	0	1	0	0	1	1	1	1	1			1
		internediate. AA's perimeter enter (a) is only military convoluted, or (b) mixed contains about lengths or linear and convoluted segments		0	L '	'	1'	1'	'	1'	'	'	'	U	1	0	U		'	[']	'	(')	$\left(\begin{array}{c} \cdot \end{array} \right)$	(')	L '
F5	7 Upland	The extent of inclusions of upland within the AA (as indicated by their tonography, plants, and/or soils) is:																				┍╾┥			
	Inclusions	Many (e.g., wetland-upland "mosaic")	0	1	1	1	1	1	0	1	1	0	1	1	0	1	1	1	0	0	0	0	0	0	0
		Few or none	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0	1	1	1	1	1	1	1
F5	8 Soil	The composition of the soil in the soil pit at the ground surface (uppermost soil layer and excluding the duff layer, see									1														
	Composition	protocol in ORWAP Manual) is:																		1					
	in the Soil Pit	Loamy: includes silt, silt loam, loam, sandy loam	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1
		Clayey: includes clay, clay loam, silty clay, silty clay loam, sandy clay, sandy clay loam	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
		Urganic : includes muck, mucky peat, peat, and mucky mineral	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
EF	0 Downod	Coarse : Includes sand, loarny sand, gravel, coopie, stones, boulders, invents, inveguents, inverwash	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F 5	Wood	nresent is:																		ľ				. /	
	noou	Several (>5 if AA is >10 acres, or >2 for smaller AAs)	0	1	1	1	1	1	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
		Few or none	1	0	0	0	0	0	1	0	1	1	1	0	1	1	1	0	1	1	1	1	1	1	1
F6	0 Ground	The number of animal burrows, mounds, hummocks, boulders, upturned trees, islands, natural levees, dry channels, pits,																							
	Irregularity	wide soil cracks, and microdepressions (in parts of the AA that lack persistent water) is:																		1					
		Several (extensive micro-topography)	0	0	0	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		Few or none (minimal microtopography; <1% of the area that isn't persistently inundated); e.g., many flat sites having a	1	0	1	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0
		single hydroperiod		1	0				1	1	1			0	0		1	0		-	1				1
E7.	1 Internel	Intermediate	0		0	0	0	0				0	1	0	0			0				┡┷┦			
FO	Gradiont	The gradient along most of the AA's water now paths (both sheet and channel now) is:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0
	Gradient	>10% 6 10%	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		2-5%	1	1	1	0	0	0	0	1	0	1	0	1	0	1	1	1	1	0	0	0	0	0	0
		Elat (<2%, no slope or flow is ever apparent. Includes most depressional sites	0	0	0	0	0	0	1	0	1	0	1	0	1	0	0	0	0	1	1	1	1	1	1
F6	2 Fish Access	Small fish (e.g., stickleback, minnow) from elsewhere in the watershed can access part of this AA for at least 2 days during	0	1	1	1	1	1	0	1	0	0	0	1	0	1	1	1	0	1	1	0	1	1	1
	From Offiste	most years or are known to already be present onsite.																							
F6	3 Nesting or	Within the AA or within its wetland or within 300 ft of AA, there are bridges, buildings, caves, or ledges with openings/	0	1	0	1	1	1	0	0	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1
	Roosting	crevices, well-maintained bird or bat boxes, elevated platforms, or other artificial structures suitable for nesting by some																							
	Structures	native bird or bat species.																							
F6	4 Cliffs, Banks,	In the AA or within its wetland or within 100 ft of the AA, there are elevated terrestrial features such as cliffs, stream banks,	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	or Beaver	excavated pits, or pumice walls (but not riprap) that extend at least 6 ft nearly vertically, are unvegetated, and potentially																		ľ				. /	
		contain crevices or other substrate suitable for nesting or den areas. Or there is evidence that beaver have used this AA																		ľ				. /	
E6	5 Vicibility	(e.g., gridwed limbs). The maximum percent of the wetland that is visible from the best ventage point on public reads, public parking lets, public				-																	⊢		
10.	J VISIDIIILY	huildings or public paved paths that adjoin or are within 300 ft of the AA (select one) is:																		ľ				. /	
		>50%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
		25-50%	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
		<25%	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	0	0	0	0	0	0	0
F6	6 Ownership	Most of the AA is (select one):																					\square		
		in public ownership	0	0	0	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		in private ownership	1	1	1	0	0	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1
F6	7 Public	For most of the AA, permission for access is normally given or allowed:																				\vdash	\square		
	Access	to anyone, on any date, no permit required	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		to anyone, but only on particular dates, no permit required	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		only on a case-by-case or permit basis, on any on particular dates	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		seldom or never	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		(do not know)	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
F6	8 Non-	Assuming access permission was granted, select all statements that are true of this AA as it currently exists:																							
	consumptive	Walking is physically possible in >5% of the AA during most of year, e.g., free of deep water and dense shrub thickets	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Uses -																								
	Actual or	All or part of the AA (or an area within sight of the AA and within 100 ft) would be physically accessible to people in	1	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	Potential	wheelchairs, e.g., paved and flat	1	1	1	1	1	1	0	1	0	1	1	1	0	1	1	1	1	1	1	1		1	1
		Maintained roads, parking areas, or root-traits are within 30 it of the AA, of the AA can be accessed most of the year by			1 '	1.	'	l '	0		0		· ·		U			l '	· ·		' '	(\cdot)	(')	[']	L '
F6	9 Sustained	Plants animals or water in the AA have been monitored for >2 years unrelated to any regulatory requirements and data	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Scientific	are available to the public. Or the AA has been designated by an agency or institution as a benchmark, reference, or status																							
	Use	trends monitoring wetland.																		ľ				. /	
		(do not know)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
F7(0 Consumptive	Recent evidence was found within the AA of the following potentially-sustainable consumptive uses. Select all that apply.																				\square	\square		
	Uses				1			<u> </u>		<u> </u>												\square	\square	<u>/</u>	<u> </u>
	(Provisioning	low-impact commercial timber harvest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Services)	Iow-impact grazing	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
		commercial narvesting of nay of mushrooms	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0		U	0	0
	1	fishing (including shellfish baryest)	0	1	0	1	1	1	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0
	1	None of the above	0	0	0	0	0	0	0	1	1	1	1	0	1	0	0	1	0	1	1	1	1	1	1
F7	1 Domestic	Wells that currently provide drinking water are:	1	1	1	1	1	1	1																
	Wells	Within 500 ft and downslope from the AA	1	1	1	1	1	1	0	1	1	0	1	1	0	1	1	0	1	1	1	1	1	0	0
		500-1000 ft and downslope	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0

		Assessment Area	92a-h	03a.h	94	95	96	97	98	99	100a-b	101	102	103	104a-b	105	106	107	108	109	110	111	112	113	114
<u> </u>)2a=0	7Jd-D	74	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,0	,,	1	,,,	1004-0	101	102	105	1044-0	105	100	107	100	10)	110	0	112	115	114
570	Cullmant	> 1000 ft downsiope, or hone downsiope, or AA is tidal, or no information	0	0	0	0	0	0		0	U	U	U	U	1	U	U	U	U	0	0	0	0	<u> </u>	
F/2	Sediment	Excessive accumulation of sediment has caused problems for large boats, with shoaling in some cases necessitating	4																						
	Removal	trequent dreaging, in waters that are located:	-	_																			<u> </u>	<u> </u>	-
		contiguous to the AA, or <1 mile downslope from the AA	0	1	0	0	0	0	0	0	1	0	1	1	0	1	1	0	1	0	0	0	0	0	0
		1-5 miles downslope	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		>5 miles downslope, or no accumulation problems, or no information	1	0	1	1	1	1	1	1	0	1	0	0	1	0	0	1	0	1	1	1	1	1	1
F73	Devegetation	The percent of the AA's vegetation cover that normally grows taller than 4 inches but which has been persistently reduced																							
		to less than that height by mowing and/or grazing by domestic or wild animals is:																							
		>95%	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		50-90%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
		5-50%	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		<5%, or grazing/ mowing does not cause the described condition	0	1	0	1	1	1	1	0	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1
F74	Core Area 1	The part of the AA almost never visited by humans during an average year probably comprises:																							
		>95% of the AA	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	1	0	0	1	1
		50.05%	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	1	0	0
		5 50% or 25% but inhabited building is within 300 ft of the AA	1	1	1	1	1	1	0	0	1	0	1	0	0	1	1	0	1	0	0	0	0	0	0
		5-30 A, of S2A but implied building is within 300 ft of the AA	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
575	Core Area 2	S 36, and the miniability during within 300 ft of the AA	0	0	0	0	0	U	1	0	0	0	0	0	0	U	0	0	0	0	0	0	0	0	0
г/э	Cole Alea Z	The part of the AA visited by humans almost daily for several weeks during an average year probably comprises.																							
			-	-																			<u> </u>	<u> </u>	-
		>95% of the AA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		50-95%	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		5-50%	1	0	0	1	1	1	1	0	1	0	0	1	0	1	1	1	1	0	0	0	0	0	0
		<5%	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	1	1	1	1	1	1
F76	Weed Source	Along the AA's boundary with upland, the percent of the upland edge (within 10 ft of AA) that is occupied by species that																							
	Along Upland	are marked as invasive in the Plants worksheet is:																							
	Edge	most (>50%) of the upland edge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	much (5-50%) of the upland edge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		some (1-5%) of the upland edge	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	0	0	0	0	0
		none of the unland edue (invasives annarently absent) or AA is an island with no unland	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	1	1	1
F77	Natural Land	Within 100 ft unslone of the AA's wetland unland houndary, the percent of the unland that contains natural (not	Ť	Ť	-	Ť		L .	Ť		, , , , , , , , , , , , , , , , , , ,	Ů	-			Ū		Ť	Ť	· ·			<u> </u>	<u> </u>	<u> </u>
	Covor in	within four destope of the AA's wetand-upland boundary, the percent of the dynamic transmission national (not																							
	Duffor		1	0	0	0	0	0	1	1	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0
	Dullei		0	0	1	1	1	1	0	0	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1
			0	0		1			0	0	1		1	0	0	0	0	0	1						
		30 10 00%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
		5 10 30%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		<5%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F78	Type of Land	Within 100 ft upslope of the AA's wetland-upland boundary, the upland land cover that is not natural (as defined above) is																							
	Cover	mostly:																							
	Alteration in	impervious surface, e.g., paved road, parking lot, building, exposed rock	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0
	Buffer	bare pervious surface, e.g., dirt road, dike, dunes, recent clearcut, landslide	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
		cultivated row crops or orchard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		artificially landscaped areas or lawn	0	1	1	1	1	1	0	0	1	1	1	1	0	1	1	0	0	0	0	1	1	0	0
		grain fields, or grassland grazed or mowed to a height usually shorter than 4 inches	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		(buffer is >90% natural land cover or AA occupies all of an island)	1	0	0	0	0	0	1	1	0	0	0	0	1	0	0	1	0	1	1	0	0	1	1
F79	Buffer Slope	Along the AA's wetland-upland boundary and extending 100 ft uphill, the average slope of the land is mostly:																							
1		<1% (flat almost no noticeable slope, or there is no upland houndary)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0
		7.502	1	1	1	1	1	1	1	1	0	1	1	1	0	1	1	0	1	1	0	0	0	1	1
		£ 20%	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0
		3-30% 200/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F00	Edge Clane	23070 Niliki 10.6 - Franka da unfan (Kana) in calu unmer the encoded file under to be a fundaded and the t	0	0	0	0	0	U	0	0	0	0	0	0	0	U	0	0	0	0	0	0	0	0	0
F80	Edge Slope	wining to it of ponded surface water (if any) in early summer, the percent of the vegetated area (wetland of upland) that																							
		nas a gentie or moderate slope (less than 5% slope) is:																							+
		>75%	0	1	1	0	0	0	0	1	0	0	0	1	0	0	1	1	0	1	1	1	1	1	1
		50-75%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1		25-50%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1		1-25%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1		<1%,	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1		(ponded surface water in early summer covers <1% of AA, or AA is tidal)	1	0	0	1	1	1	1	0	1	1	1	0	1	1	0	0	1	0	0	0	0	0	0
F81	Independentl	How likely is it that any or all of this AA will persist as a wetland (not necessarily of the same type) if an existing dike or																				1			Ι
I	y Sustainable	berm, water control structure (e.g., dam, weir), or pumping/ diversion system that now helps sustain it and is within 1 mile	1	1	1	1	1		1	1	1								1	1			1	1	1
I	Hydroloav	of the AA was removed or became inoperable?	1	1	1	1	1		1	1	1								1	1			1	1	1
I	5 . 55	Very likely, or no such feature is present (greater sustainability notential)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	1	1
I		Somewhat likely part but not all of the AA would remain a wetland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0
		Unlikely or not at all (lower sustainability potential)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		Assessment Area	1	2	3	4	5 68	a-b 7	7 8	8 9) 10	11	12	13a-d	14	15	16	17	18	19 2	20	21 2	22 2	23 24	4 25	26a-b	27а-с	28a-b	29а-с	30	31	32 3	3	34
S1	Wetter Water Regime	0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >10.	0	1	0	0) [1 0)	1 0) 1	0	1	0	1	0	1	1	1	0	0	1 (0	1 1	0	1	3	3	3	1	1	0 ()	0
s2		0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >10.	1	1	1	1	1 1	1 1	L I	1 1	1	1	1	0	1	1	1	1	1	1	1	1	1	1 1	1	1	1	1	1	1	1	1 1	i l	4
s3	Drier Water Regime	0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >10.	0	0	0	0) 4	4 1	L (0 0) 0	0	1	0	1	1	0	1	1	0	0	1 (0	1 1	0	1	3	3	3	1	1	1 1	i T	1
s4	ž – – – – – – – – – – – – – – – – – – –	0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >10.	1	1	1	1	1 (0 1	1	1 1	1	1	1	0	1	1	1	1	1	1	1	1	1	1 1	1	1	1	1	1	1	1	1	í T	1
s5	Altered Timing of Water Inputs	0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >10.	1	1	1	1	1 (0 1	1 1	1 1	1	1	1	0	1	1	1	1	1	1	1	1	1	0 1	1	1	1	1	1	1	1	1	1	1
s6	Nutrient / Contaminant / Organic/ Salt Loading	0 if Sum= 0, (1 pt) if Sum= 1-3. (2 pt) if 4-5. (3 pt) if 6-7. (4 pt) if 8. (5 pt) if 9.	3	3	3	3	3 1	1 3	3 3	3 3	3 3	3	3	0	3	3	3	3	3	3	3	2	3	2 3	3	2	3	3	3	3	3	3 3	;	3
s7	Sediment Loading from Contributing Area	0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >10.	3	3	3	3	3 3	3 3	3	3 4	4 3	3	3	0	3	3	3	3	3	3	3	3 3	3	2 3	3	4	3	3	3	3	3	2 2	2	5
s8	Soil or Sediment Disturbance Within the Site	0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >10.	0	2	0	0) 3	3 2	2 (0 0) 1	3	2	0	4	4	3	1	2	3	3	2	3	4 3	3	2	3	3	3	4	2	4 3	;	3
s9	Vegetation Reduction Activities Within the Site	0 if Sum= 0, (1 pt) if Sum= 1-3. (2 pt) if 4-5. (3 pt) if 6-7. (4 pt) if 8. (5 pt) if 9.	0	0	0	0) 2	2 1	L (0 0	0	0	0	0	2	3	0	0	2	1	0	0	0	3 3	0	0	3	3	3	3	2	3 3	;	3
			•				•		•	•	-	•						÷						•		-								
S1	Wetter Water Regime	0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >10.	0	0.2	0	0	0 0	.2 0) 0	.2 0	0.2	0	0.2	0	0.2	0	0.2	0.2	0.2	0	0 0	0.2	0 0	.2 0.	2 0	0.2	0.6	0.6	0.6	0.2	0.2	0 ()	0
s2		0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >10.	0.2	0.2	0.2	0.2 0	.2 0	.2 0.	2 0	.2 0.	2 0.2	0.2	0.2	0	0.2	0.2	0.2	0.2	0.2	0.2 0).2 (0.2 0	.2 0	.2 0.	2 0.2	2 0.2	0.2	0.2	0.2	0.2	0.2).2 0	.2 ().8
s3	Drier Water Regime	0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >10.	0	0	0	0	0 0	.8 0.	2 (0 0) 0	0	0.2	0	0.2	0.2	0	0.2	0.2	0	0 0	0.2	0 0	.2 0.	2 0	0.2	0.6	0.6	0.6	0.2	0.2).2 0	.2 0).2
s4		0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >10.	0.2	0.2	0.2	0.2 0	.2 (0 0.	2 0	.2 0.	2 0.2	0.2	0.2	0	0.2	0.2	0.2	0.2	0.2	0.2 0).2 (0.2 0	.2 0	.2 0.	2 0.2	2 0.2	0.2	0.2	0.2	0.2	0.2).2 0	.2 ().2
s5	Altered Timing of Water Inputs	0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >10.	0.2	0.2	0.2	0.2 0	.2 (0 0.	2 0	.2 0.	2 0.2	0.2	0.2	0	0.2	0.2	0.2	0.2	0.2	0.2 0).2 (0.2 0	.2	0 0.	2 0.2	2 0.2	0.2	0.2	0.2	0.2	0.2).2 0	.2 ().2
s6	Nutrient / Contaminant / Organic/ Salt Loading	0 if Sum= 0, (1 pt) if Sum= 1-3. (2 pt) if 4-5. (3 pt) if 6-7. (4 pt) if 8. (5 pt) if 9.	0.6	0.6	0.6	0.6 0	.6 0	.2 0.	6 0	.6 0.	6 0.6	0.6	0.6	0	0.6	0.6	0.6	0.6	0.6	0.6 0).6 (0.4 0	.6 0	0.4 0.	6 0.6	6 0.4	0.6	0.6	0.6	0.6).6 ().6 0.	6 0).6
s7	Sediment Loading from Contributing Area	0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >10.	0.6	0.6	0.6	0.6 0	.6 0	.6 0.	6 0	.6 0.	8 0.6	0.6	0.6	0	0.6	0.6	0.6	0.6	0.6	0.6 0).6 (0.6 0	.6 0	0.4 0.	6 0.6	5 0.8	0.6	0.6	0.6	0.6).6 ().4 0.	4	1
s8	Soil or Sediment Disturbance Within the Site	0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >10.	0	0.4	0	0	0 0	.6 0.	.4 (0 0	0.2	0.6	0.4	0	0.8	0.8	0.6	0.2	0.4	0.6 0).6 (0.4 0	.6 0	0.8 0.	6 0.6	6 0.4	0.6	0.6	0.6	0.8).4 ().8 0.	6 0).6
s9	Vegetation Reduction Activities Within the Site	0 if Sum= 0, (1 pt) if Sum= 1-3. (2 pt) if 4-5. (3 pt) if 6-7. (4 pt) if 8. (5 pt) if 9.	0	0	0	0	0 0	.4 0.	.2 (0 0	0 0	0	0	0	0.4	0.6	0	0	0.4	0.2	0	0	0 0	0.6 0.	6 0	0	0.6	0.6	0.6	0.6).4 ().6 0.	6 0).6

			Assessment Area 35	36	37	38	30	40	41	42	13a-e	44 4	5 4	6 47	7 4	18	49 5	Da-c	51	52	53	54	55	56	57	58	59	60	61	62 E	53 6	4 6 ^r	5 66	67	7
S1	Wetter Water Regime	0. if Sum=0. (1. nt) if Sum=1.4. (2. nt) if 5.6. (3. nt) if 7.8. (4. nt) if 9.10. (5. nt) if >10	0	0	0	0	0	0	0	0	0	0 0	$\frac{1}{1}$,	0	1	2	2	0	0	0	0	1	1	0	1	1	1	1	0 0			0	-
ວ. ເວ		0 if Sum = 0, (1 pt) if Sum = 1.4. (2 pt) if 5.6. (3 pt) if 7.0. (4 pt) if 0.10. (5 pt) if > 10	. 0	1	1	1	1	0	0	0	0	0	$\frac{1}{2}$			0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	<u> </u>	1	1		-
32	Drier Water Degime	0 if Sum = 0, (1 pt) if Sum = 1.4. (2 pt) if 5-0. (3 pt) if 7-0. (4 pt) if 9-10. (5 pt) if > 10	. 1	1	1	1	0	0	0	0	0	0 0				0	0	0	0	0	0	0	1	1	1	1			1	1	$\frac{1}{0}$ 1				_
55	Dhei walei Regime	0 II Sulli= 0, (1 pt) II Sulli= 1-4. (2 pt) II 5-0. (3 pt) II 7-8. (4 pt) II 9-10. (5 pt) II 510	. 0	0	0	0	0	0	0	0	0	0 0				0	0	0	0	0	0	0	0	0	0	0	0	0	0			- 0	0	- 0	_
S4		0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >10	. 1	1	1	1	1	I	1	1	I	1		1		1	0	0	0	1	1	1	1	I	1	I	1	1	I	1	<u> </u>		1	1	_
s5	Altered Timing of Water Inputs	0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >10	. 1	1	1	1	1	1	1	1	1	1	1 1	1		1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1 1	1	1	1	_
s6	Nutrient / Contaminant / Organic/ Salt	0 if Sum= 0, (1 pt) if Sum= 1-3. (2 pt) if 4-5. (3 pt) if 6-7. (4 pt) if 8. (5 pt) if 9.	1	1	1	1	4	0	0	0	0	0 0		0 0		0	0	0	0	0	0	0	1	1	3	3	1	3	3	3 1	1 1	1	1	1	
s7	Sediment Loading from Contributing Area	0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >10	. 4	4	4	4	4	0	0	0	0	0 0) 0		0	2	2	2	0	0	0	4	4	4	4	4	4	4	4 :	5 5	5	5	5	
s8	Soil or Sediment Disturbance Within the Site	0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >10	. 3	2	0	3	3	3	3	3	3	3 3	3 3	3 3		3	1	2	2	3	3	3	4	2	3	3	4	3	3	3 4	4 0	4	4	4	
s9	Vegetation Reduction Activities Within the Site	0 if Sum= 0, (1 pt) if Sum= 1-3. (2 pt) if 4-5. (3 pt) if 6-7. (4 pt) if 8. (5 pt) if 9.	2	1	0	3	0	0	0	0	0	0) () 0		0	0	0	0	0	0	0	2	3	3	2	3	2	2	2 (0 0	0	0	0	
S1	Wetter Water Regime	0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >10	. 0	0	0	0	0	0	0	0	0	0 () () 0		0 (0.2	0.4	0.4	0	0	0	0	0.2	0.2	0	0.2	0.2	0.2 (0.2	0 0	0	/ 0	0	
s2		0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >10	. 0.2	0.2	0.2	0.2 0).2	0	0	0	0	0 () (0 0		0	0	0	0	0	0	0	0.2	0.2	0.2	0.2	0.2	0.2	0.2 (0.2 0	0.2 0.	2 0.	2 0.2	. 0.1	2
s3	Drier Water Regime	0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >10	. 0	0	0	0	0	0	0	0	0	0 () () 0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0 0.	2 0	0	0	
s4		0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >10	. 0.2	0.2	0.2	0.2 0).2 (0.2	0.2	0.2	0.2	0.2 0	.2 0.	2 0.2	2 0).2	0	0	0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2 (0.2 0).2 0.1	2 0.'	2 0.2	. 0.	2
s5	Altered Timing of Water Inputs	0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >10	. 0.2	0.2	0.2	0.2 ().2 (0.2	0.2	0.2	0.2	0.2 0	.2 0.	.2 0.2	2 0).2	0	0	0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2 (0.2 0).2 0.	2 0.'	2 0.2	0.	2
s6	Nutrient / Contaminant / Organic/ Salt	0 if Sum= 0, (1 pt) if Sum= 1-3. (2 pt) if 4-5. (3 pt) if 6-7. (4 pt) if 8. (5 pt) if 9.	0.2	0.2	0.2	0.2 0).8	0	0	0	0	0 () () 0		0	0	0	0	0	0	0	0.2	0.2	0.6	0.6	0.2	0.6	0.6 ().6 0	0.2 0.2	2 0.2	2 0.2	0.2	2
s7	Sediment Loading from Contributing Area	0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >10	. 0.8	0.8	0.8	0.8 0).8	0	0	0	0	0 () () 0		0 (0.4	0.4	0.4	0	0	0	0.8	0.8	0.8	0.8	0.8	0.8	0.8 (). 8 f	1 1	1	1	1	
s8	Soil or Sediment Disturbance Within the Site	0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >10	. 0.6	0.4	0	0.6).6 (0.6	0.6	0.6	0.6	0.6 0	.6 0.	.6 0.6	6 0).6 (0.2	0.4	0.4	0.6	0.6	0.6	0.8	0.4	0.6	0.6	0.8	0.6	0.6 (0.6 0	.8 0	0.8	8 0.8	0.8	3
s9	Vegetation Reduction Activities Within the Site	0 if Sum= 0, (1 pt) if Sum= 1-3. (2 pt) if 4-5. (3 pt) if 6-7. (4 pt) if 8. (5 pt) if 9.	0.4	0.2	0	0.6	0	0	0	0	0	0) () 0		0	0	0	0	0	0	0	0.4	0.6	0.6	0.4	0.6	0.4	0.4 ().4 (0 0	0	0	0	

			Assessment Area 68	69	70	71a-b	72	73 74a-	c 75	76	77	78	79	80	81 8	2 8	3 84	85	86	87	88	89	90	91	92a-b	93a-b	94	95	96	97 9	8 99	100a-	b 101	102
S1	Wetter Water Regime	0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >1). 0	0	1	1	1	0 0	0	0	1	1	1	1	1 1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1 () 3	1	0	0
s2		0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >1). 1	1	1	1	1	1 1	0	0	1	1	1	1	1 1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1 1	. 1	0	0	0
s3	Drier Water Regime	0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >1). 0	0	0	0	0	0 0	1	0	1	0	1	0	1 1	1	1	1	1	0	1	1	1	2	1	1	1	1	1	1 () 1	5	1	0
s4		0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >1). 1	1	1	1	1	1 1	0	0	1	1	1	1	1 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1 1	. 1	4	1	4
s5	Altered Timing of Water Inputs	0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >1). 1	1	1	1	1	1 1	0	0	1	1	1	1	1 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1 () 1	0	1	0
s6	Nutrient / Contaminant / Organic/ Salt Loading	0 if Sum= 0, (1 pt) if Sum= 1-3. (2 pt) if 4-5. (3 pt) if 6-7. (4 pt) if 8. (5 pt) if 9.	1	1	1	1	3	3 3	1	0	3	3	3	1	2 2	2	2	1	1	1	3	3	3	3	3	3	1	1	2	2 2	, 1	1	1	1
s7	Sediment Loading from Contributing Area	0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >1). 5	5	5	5	3	3 3	0	0	3	3	3	4	3 3	3	3	4	4	4	4	4	4	4	5	4	4	4	4	4 2	4	0	4	0
s8	Soil or Sediment Disturbance Within the Site	0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >1). 4	4	3	0	0	1 1	0	0	4	0	4	4	0 0	0	0	2	1	1	4	3	4	2	5	4	5	2	2	2 3	4	2	0	2
s9	Vegetation Reduction Activities Within the Site	0 if Sum= 0, (1 pt) if Sum= 1-3. (2 pt) if 4-5. (3 pt) if 6-7. (4 pt) if 8. (5 pt) if 9.	0	0	2	0	3	1 1	2	0	2	0	3	4	0 0) 2	2	0	1	0	3	0	3	1	4	3	3	0	0	0 2	3	2	2	0
			-			-	-	-							-					-					-				-		-			
S1	Wetter Water Regime	0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >1). 0	0	0.2	0.2	0.2	0 0	0	0	0.2	0.2	0.2	0.2 (0.2 0.	2 0.	2 0.2	0.2	0.2	0.2	0.2	0.2	0.2	0	0	0.2	0.2	0.2	0.2).2 C	0.6	0.2	0	0
s2		0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >1). 0.1	2 0.2	0.2	0.2	0.2 (0.2 0.2	0	0	0.2	0.2	0.2	0.2 (0.2 0.	2 0.	2 0.2	0.2	0.2	0.2	0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2 ().2 0.	2 0.2	0	0	0
s3	Drier Water Regime	0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >1). 0	0	0	0	0	0 0	0.2	0	0.2	0	0.2	0 (0.2 0.	2 0.	2 0.2	0.2	0.2	0	0.2	0.2	0.2	0.4	0.2	0.2	0.2	0.2	0.2).2 (0.2	1	0.2	0
s4		0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >1). 0.1	2 0.2	0.2	0.2	0.2 (0.2 0.2	0	0	0.2	0.2	0.2	0.2 (0.2 0.	2 0.	2 0.2	2 0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2).2 0.	2 0.2	0.8	0.2	0.8
s5	Altered Timing of Water Inputs	0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >1). 0.1	2 0.2	0.2	0.2	0.2 (0.2 0.2	0	0	0.2	0.2	0.2	0.2 (0.2 0.	2 0.	2 0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2).2 C	0.2	0	0.2	0
s6	Nutrient / Contaminant / Organic/ Salt Loading	0 if Sum= 0, (1 pt) if Sum= 1-3. (2 pt) if 4-5. (3 pt) if 6-7. (4 pt) if 8. (5 pt) if 9.	0.1	2 0.2	0.2	0.2	0.6 (0.6 0.6	0.2	0	0.6	0.6	0.6	0.2	0.4 0.	4 0.	4 0.4	0.2	0.2	0.2	0.6	0.6	0.6	0.6	0.6	0.6	0.2	0.2	0.4 ().4 0.	4 0.2	0.2	0.2	0.2
s7	Sediment Loading from Contributing Area	0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >1). 1	1	1	1	0.6 (0.6 0.6	0	0	0.6	0.6	0.6	0.8).6 0.	6 0.	6 0.6	5 0.8	0.8	0.8	0.8	0.8	0.8	0.8	1	0.8	0.8	0.8	0.8 ().8 0.	4 0.8	0	0.8	0
s8	Soil or Sediment Disturbance Within the Site	0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >1). 0.1	8 0.8	8 0.6	0	0 (0.2 0.2	0	0	0.8	0	0.8	0.8	0 0) ()	0	0.4	0.2	0.2	0.8	0.6	0.8	0.4	1	0.8	1	0.4	0.4 ().4 0.	6 0.8	0.4	0	0.4
s9	Vegetation Reduction Activities Within the Site	0 if Sum= 0, (1 pt) if Sum= 1-3. (2 pt) if 4-5. (3 pt) if 6-7. (4 pt) if 8. (5 pt) if 9.	0	0	0.4	0	0.6 (0.2 0.2	0.4	0	0.4	0	0.6	0.8	0 0	0.	4 0.4	0	0.2	0	0.6	0	0.6	0.2	0.8	0.6	0.6	0	0	0 0.	4 0.6	0.4	0.4	0

		Assessment Area	103	104a-b	105	106	107	108	109	110	111	112	113	114
S1	Wetter Water Regime	0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >10.	1	0	0	0	0	2	0	0	1	1	0	0
s2		0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >10.	1	1	1	1	1	1	1	1	1	1	1	1
s3	Drier Water Regime	0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >10.	0	0	1	1	1	0	1	1	1	1	1	1
s4		0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >10.	1	0	1	1	1	1	1	1	1	1	1	1
s5	Altered Timing of Water Inputs	0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >10.	1	0	1	1	1	1	1	1	1	1	1	1
s6	Nutrient / Contaminant / Organic/ Salt Loading	0 if Sum= 0, (1 pt) if Sum= 1-3. (2 pt) if 4-5. (3 pt) if 6-7. (4 pt) if 8. (5 pt) if 9.	1	1	1	1	1	2	2	3	2	3	3	3
s7	Sediment Loading from Contributing Area	0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >10.	4	3	4	4	4	3	4	4	4	4	4	4
s8	Soil or Sediment Disturbance Within the Site	0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >10.	0	4	4	4	4	2	3	4	3	3	1	1
s9	Vegetation Reduction Activities Within the Site	0 if Sum= 0, (1 pt) if Sum= 1-3. (2 pt) if 4-5. (3 pt) if 6-7. (4 pt) if 8. (5 pt) if 9.	0	3	2	2	2	3	2	2	2	2	2	2
	-	•												
S1	Wetter Water Regime	0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >10.	0.2	0	0	0	0	0.4	0	0	0.2	0.2	0	0
s2		0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >10.	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
s3	Drier Water Regime	0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >10.	0	0	0.2	0.2	0.2	0	0.2	0.2	0.2	0.2	0.2	0.2
s4		0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >10.	0.2	0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
s5	Altered Timing of Water Inputs	0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >10.	0.2	0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
s6	Nutrient / Contaminant / Organic/ Salt Loading	0 if Sum= 0, (1 pt) if Sum= 1-3. (2 pt) if 4-5. (3 pt) if 6-7. (4 pt) if 8. (5 pt) if 9.	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.6	0.4	0.6	0.6	0.6
s7	Sediment Loading from Contributing Area	0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >10.	0.8	0.6	0.8	0.8	0.8	0.6	0.8	0.8	0.8	0.8	0.8	0.8
s8	Soil or Sediment Disturbance Within the Site	0 if Sum= 0, (1 pt) if Sum= 1-4. (2 pt) if 5-6. (3 pt) if 7-8. (4 pt) if 9-10. (5 pt) if >10.	0	0.8	0.8	0.8	0.8	0.4	0.6	0.8	0.6	0.6	0.2	0.2
s9	Vegetation Reduction Activities Within the Site	0 if Sum= 0, (1 pt) if Sum= 1-3. (2 pt) if 4-5. (3 pt) if 6-7. (4 pt) if 8. (5 pt) if 9.	0	0.6	0.4	0.4	0.4	0.6	0.4	0.4	0.4	0.4	0.4	0.4

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