APPENDIX F: ORWAP RAW DATA

ESA Adolfson Appendix F

A	В	С	D	Е	F (3 Н	I	J	K	L M	I N	0	P	Q	R	S	Т	UV	V W	X	Y	Z	AA A	3 AC	AD	AE	AF	AG	AH	AI	AJ .	AK A	AL .	AM .	AN AC	O AP	AQ	AR	AS
		Assessment Area	1	2	3 4	5	6a-b	7	8	9 10	11	12	13a-d	14	15	16	17	18 1	9 20	21	22	23	24 25	26a-l	27a-c	28a-b	29a-b	30	31	32	33	34	35	36	37 38	39	40	41	42
D1	Mitigation Investment		0	0	0 (0	0	0	0	0 0	0	0	0	0	0	0	0	0 (0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0
3		(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	0	0	0	0	0	0	0	0	0 0	0	0	0	0
D2	Conservation Investment	The AA is part of or contiguous to a wetland on which public or private organizational funds were spent to preserve, create, restore, or enhance habitat mainly as part of a voluntary effort not used explicitly to offset impacts elsewhere (0= no, 1= yes)	0	0	0 (0	0	0	0	0 0	0	0	0	0	0	0	0	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		(no information)	0		0 (_		0		0 0			0		_	0	_	0 (0	0 0		0		_		0	0		0	-	0	0 0		0	0	_
D3	Normal Land Cover	This AA (a) is not along (or in the bienniel floodplain of) a large stream or river where riparian woodlands would be typical and (b) had a presettlement vegetation class not dominated by trees as indicated by the Oregon Explorer web site Enter 1 if both are true, 0= if not.	0		0 (0	0	0	0 0	0	0	0	0	0	0		0 (0 0	0	0	0	0 0	0	0	0	0	0	0	0		0		0	0 0		0	0	
7 D4	Enciosed by Roads	Draw a circle of radius of 2 miles centered on the AA. Do paved public roads completely encircle the AA? (0= no, 1= yes)		0	0 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	0	0	0	0	0	0	0	0 0	0	0	0	0
D5	Distance to Nearest Busy Road	The distance from the center of the AA to the nearest road with an average daytime traffic rate of at least 1 vehicle/minute is:																																					
9		>1 mile	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	1	1 1	1	1	1	1
10		0.5- 1 mile	1			0	0	0	0	1 1	1	1	1	1	1		0		0 0	Ů	0	1	0 0	Ť	0	0	0	0	0	0	0	1	0	0	0 0	0	0	0	_
11 12 13		1000-2600 ft 500-1000 ft	0		0 1	0	1	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	-
13		100-500 ft	0		-) 1	0	0	0	0 0	0	0	0		-	-	· I	0 0		1	0	0	1 1	0	1	1	1	0	0	0	0	0	0	0	0 0	0	0	0	
14	F 11 1 51 1	<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 0	1	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0
15 16	Forest Landscape Extent	Draw a circle of radius of 2 miles centered on the AA. Including the AA itself, the cumulative amount of forest (regardless of patch sizes) is: <5% of the circle	0	0	0 () 0	0	0	0	0 0		0	0	0	0	0	0	0 0	2 0	0	0	0	0 0		0		0	0	0	0	0	0	0	0	0 0	0	0	0	
17		5 to 20%	0		0 (_	0		0 0	_	_	0		_		_	0 0	_		0	0	0 0	_	0		0	_	0	0	0	0	0	0	0 0	0	0	0	_
17 18 19		20 to 50%	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	0	0	0	0	0	0 0	0	0	0	0
19 20		50 to 80%	0			0	0	0	0	0 0		0	0		· l		v l	0 0		0	0	1	0 0	_	0	0	0	0	0	0	0	1	1	0	0 0	1	1	0	0
D7	Forest Tract Proximity	>80% The minimum distance from the AA edge to the closest forested tract or corridor larger than 100 acres is:	U			, ,		U					0						3 0	0	0	0			0	0	0	U	U	U	J	0					0	0	
22		<100 ft, or contiguous and not separated from the AA by impervious surface, open water, bare dirt, or lawn 100-300 ft; or <100 ft but separated by impervious	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
23		surface, open water, bare dirt, or lawn 300-1000 ft				0		0		0 0			1	1					0 0		0	0	1 0		0	0	0	0	0	0	0	0	1	1	0 0	0	0		
25		>1000 ft	0		0 0		1	1	1	1 1	1	1	0	0	1	1	1	1 1	1 1	1	1	1	0 0	_	0	0	0	0	0	0	0	1	0	0	1 1	1	0	0	
26 27	Size of Nearby Forest	The largest patch or corridor that is forested and is either within the AA, or begins within the AA, or begins within 0.5 mile of the AA edge, and then extends outward occupies: <1 acre of forest	0	0	0 () 0	0	0	0	0 0	0	0	0	0	0	0	0	0 (2 0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0
28		1-10 acres	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	
27 28 29 30 31		10-100 acres	0		1 (1	1	1	1 1	1	1	0	0	1	_	·		0 0	_	0	1	0 0	_	0	0	0	0	0	0		0	Ŭ		0 0		0	0	
30		100-1000 acres >1000 acres	0	_	0 (_ ·	0	0	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
D9 32	Natural Land Cover Extent	Within a 2-mile radius measured from the center of the AA, the percent of the land that has <i>natural land cover</i> is:																																					
33		<5% of the land 5 to 20% of the land	0	0	0 (0		0 0	_		0	0	_	_	_	0 (0	0	0	0 0	_	0		0	_	0	0		0	Ŭ	0	0 0		0	0	_
33 34 35		20 to 60% of the land	0		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	0	0	1	Ŭ	0	0 0		0	0	
36		60 to 90% of the land		0	1 1	0	·	0	·	0 0		·	0		·	_	-		0 0		0	0	0 0		0		0		0	1		0	1	1	1 1	1	1	1	1
37 D10	Type of Land Cover Alteration	>90% of the land Within a 2-mile radius measured from the center of the AA, the percent of the area that is not "natural land cover" or water is mostly:	0	0	0 (0	0	0	0	0 0	0	0	0	0	0	0	0	0 (0 0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0
39		impervious surface, e.g., paved road, parking lot, building, exposed rock		1	1 1	1	1	1	1	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
40		bare pervious surface, e.g., dirt or gravel road, plowed fields, dunes, recent clearcut or 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	1	1	1	1	1 1	1	1	1	1

A	В	С	D	Е	F	G	Н	I	J	K	L	M	N	0	P	Q	R	S	T	U	V	W	X	Y	Z	AA AB	AC	AD	AE	AF	AG	AH	AI A	AJ A	K Al	L AN	M Al	N AO	AP	AQ	AR	AS
		AA	1	2	3	4	5	6a-b	7	8	9	10	11	12	13a-d	14	15	16	17	18	19	20	21	22	23	24 25	26a-b	27a-c	28a-b	29a-b	30	31	32 3	33 3	4 35	5 36	6 37	7 38	39	40	41	42
41	T	Assessment Area cultivated row crops, orchard, tree plantations	0	0	0	0	0	0	0	0	٥	0	0	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
42		artificially landscaped areas or lawn	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0 0) 0	0	0	0	0	0	0	0
		grassland grazed or mowed to a height usually shorter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0
44		than 4 inches 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
45		(none of above; land cover is >90% natural land 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
D11	Proximity to Natural Land Cover	The minimum distance from the AA edge to the closest tract or corridor of natural (not necessarily native) land cover larger than 100 acres and not interrupted by roads or other gaps of disturbed land wider than 100 ft, is:																																								
47		<100 ft, or the AA contains >100 acres of vegetation, or >100 acres of natural land cover is contiguous to the AA (not separated by impervious surface or wide (>50 ft) stretches of open water, bare ground, or lawn)	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	1	1	1	1 (0	0	0	0	0	1	1	1
48		<100 ft, but separated from the wetland by impervious surface or wide (>50 ft) stretches of open water, bare ground, or lawn	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
49		100-300 ft; and not separated from the wetland by impervious surface or wide (>50 ft) stretches of open water, bare ground, or lawn	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0		0		0				0 0		1	1	1	0	0			0					0	0	0
50		100-300 ft, but separated from the wetland by impervious surface or wide (>50 ft) stretches of open water, bare ground, or lawn	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
51	Cincott annual No. 1. To 1. Co. 11	> 300 ft	0	0	0	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1 0	1	0	0	0	0	0	0	0 1	1	1	1	1	1	0	0	0
52	of Natural Land Cover	The largest patch or corridor that is natural land cover and is either (a) entirely within the AA, or (b) begins within the AA, or (c) begins within 0.5 mile of the AA edge, and then extends outward occupies:																																								
53		<1 acre	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	-	0		0 0		0	0	0	0	0			0	0	_) 0		0	0	0
54		1-10 acres 10-100 acres	0	0	1	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
56		100-1000 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	1	1	1	0	0	0	0 0) 0) 0	1 0) 0	10		0	0
57		>1000 acres	1	0	0	1	0	0	0	0	0	0	0	0	1	1	0	Ů	0	0	0		0	0	0	1 1	0	0	0	0	1	1	1	1 1	1 1	1	1	1	1	1	1	1
D13	Local Wetland Uniqueness	Within 0.5 mile of the center of the AA, the AA and vegetation of the same form that is contiguous to it together provide (select all that apply):																																								
59		the largest patch of currently ungrazed, unmowed, and unshaded herbaceous vegetation	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	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	1
60		the largest patch of unshaded shrubland (excluding plantations)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0
61		the largest patch of deciduous or evergreen trees (excluding plantations)	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
62		NONE of above	1	1	1	1	1	1	1	1	0	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	0
63	Cropland & Wetland in Landscape	Draw a circle of radius of 2 miles centered on the AA. The amount of cropland, airport, golf course, and /or herbaceous wetland (including this one) is:																																								
64 65		<5% of the land 5 to 20%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0 0	0	0	1	0	0	0	1	0 (0 0	0	0	0	0	0	0	0
66		20 to 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
67		50 to 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
68		>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
D15	Proximity to Cropland-Wetland	The distance from the AA edge to the closest tract of cropland, airport, golf course, and /or herbaceous wetland (including this one) larger than 1 acre is:																																								
70		<100 ft, or the AA contains >1 acre of such cover, or is contiguous to >1 acre of such cover	0	1	1	0	1	0	0	0	1	1	1	1	0	1	0	1	1	1	1	1	0	1	0	1 1	0	0	0	0	1	0	0	1 (1	1	1	1	1	1	1	1
71		100 to 300 ft	1	0	0	0	0	0	1	1	0	0	0	0	0	0	_	_			0		_			0 0						0) 0						0
72		300 to 1000 ft	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	-	0		0		_	_	0 0		0	0	0	0	1		_) 0					0	0
73		>1000 ft	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	1	1	0	0	0	0 0) 0) 0) 0	0	0	0	0	0
D16	Ponded Water in Landscape	Draw a circle of radius of 2 miles centered on the AA. Including water ponded in the AA itself or in a fringing water body, the amount of non-tidal water that is ponded during most of the year is:																																								

Α	В	С	D	Е	F	G H	I	J	K	L I	M N	0	P	Q	R	S	Т	U	V	W	X	Y Z	Z AA	A AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN A	O AP	AQ	AR	AS
1		Assessment Area	1	2	3	4 5	6a-b	7	8	9 1	0 11	12	13a-d	14	15	16	17	18	19	20	21	22 23	3 24	25	26a-b	27а-с	28a-b	29a-b	30	31	32	33	34	35	36	37 3	8 39	40	41	42
7.		<5% of the circle, located in 5 or fewer ponds or lakes	1	1	1	1 1	1	1	1	1	1 1	1	1	1	1	1	1	1	1	1	1	1 1	1 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
76		<5% of the circle, located in >5 ponds or lakes	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0 0) 0	0	0	0	0	0	0	0	0	0	0	0	0	0) 0	0	0	0
77 78 79 80		5 to 30%, located in 10 or fewer ponds or lakes	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0	0	0	0
78		5 to 30%, located in >10 ponds or lakes >30%, located in 15 or fewer ponds or lakes	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0 0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0 0) 0	0	0	0
		>30%, located in >15 ponds or lakes	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0) 0	0	0	0
D11	Ponded Water Proximity	The minimum distance from the AA to the closest non-tidal wetland, pond, or lake that is larger than 1 acre, is ponded most of the year, and is not part of the same associated wetland, pond, or lake, is:																																						
82 83		<300 ft, and connected with a natural land corridor	0		0	0 0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0 0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83		< 300 ft, but no uninterrupted natural land corridor	0	_	-	0 0	0	0	0	· ·	0 0	0	0	0	0	0	0	0	0	·	0	0 0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0	0	0	0
84		300-1000 ft, and connected with a natural land corridor	U	U	U	0 0	U	U	U	0	0 0	U	0	0	U	U	U	U	U	0	U	0 0	0	0	0	0	U	0	U	0	U	0	U	U	U	0) 0	U	U	U
85		300-1000 ft, but no uninterrupted natural land corridor	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
86		>1000 ft, and connected with a natural land corridor	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0 0) 0	0	0	0	0	0	0	0	0	0	0	0	0	0) 0	0	0	0
87 D19	Large Ponded Water Proximity	>1000 ft, but no uninterrupted natural land corridor The distance from the AA edge to the closest (but	1	1	1	1 1	1	1	1	1	1 1	1	1	1	1	1	1	1	1	1	1	1 1	1 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
88	Large Forded Water Fromming	separate) non-tidal body of water that is ponded during most of the year and is larger than 20 acres (about 1000 ft on a side) is:																																						
89 90		<1 mile 1-5 miles	0	0	0	0 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	0 1) 0	0	0	0
91		>5 miles	0	0	0	0 0	0	0	0		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
92 D19	Tidal Proximity	The distance from the AA edge to the closest tidal body of water is:																																						
93		<1 mile	0		0	0 0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0 0) 0	0	0	0	0	0	0	0	0	0	0	0	0	0) 0	0	0	0
94 95		1-5 miles >5 miles	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
D20	Upslope Soil Erodibility Risk	Using the Web Soil Survey procedure described in the ORWAP manual, the rating of the soil map unit which occupies the largest percentage of the zone 200 ft uphill from the AA is:																																						
97		very severe	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0 0) 0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0	0	0	0
98		severe moderate	0	_	0	0 0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	v	0	0 0) 0	0	0	0	0	0	0	0	0	0	0	0	0	0 0) 0	0	0	
97 98 99 100 101		slight	0	-	0	0 0	1	1	1	1	$\begin{array}{c c} 0 & 0 \\ \hline 1 & 1 \end{array}$	1	0	1	1	1	1	1	1	1	1	1 1	0	0	1	0	0	0	0	0	0	0	0	0	0	0 0) 0	0	0	1
		(could not determine)	1	0	1	1 0		0	0	·	0 0	0	0	0	0	0	0	0	0	-	v	0 0	_	1	0	1	1	1	1	1	0	0	0	0	0	0 (0	0	0	0
102	Wetland Size	Using the Web Soil Survey AOI tool to measure it, what is the area of the largest patch of emergent, shrub, or forest vegetation within the wetland of which the AA is a part? See instructions in last column and figures in Appendix A of the Manual.			W		/ W		W						W					W		WV		/ W		W	W	W	W							WV			W	
103 104		<0.1 acre 0.1 - 1 acre	1		0	1 0	_	1			$\begin{array}{c c} 0 & 0 \\ \hline 0 & 0 \end{array}$			0			0	0		0		0 0	0			0	0			0		0		0		0 0	0 0			0
104 105 106 107 108		1 to 10 acres	0	0		0 1	1	0		1	1 1	1	0	1	1	1	1	1	1	1	0	1 0) 1	0	1	0	0	0	1	1	1	0	0	1	1) 0	_	0	
106		10 to 100 acres 100 to 1000 acres	0	0	0	0 0	v	0	0	0	$\begin{array}{c c} 0 & 0 \\ \hline 0 & 0 \end{array}$	0	0	-	·	0	0	0	0	0	-	0 0	, ,	-	0	0	0	0	0	0	0	0	0	0	0	0 ($\begin{pmatrix} 1 \\ 0 \end{pmatrix}$	0	0	0
108		>1000 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
109 D2:		from the Wetland Explorer web site (see Manual), determine the 12-digit code number for this wetland's HUC6 (Hydrologic Unit Code, i.e., watershed). Then turn to the HUC4, HUC5, and HUC6 worksheets and compare the size of the wetland (of which this AA is a part) with that of the largest wetlands of the same class in the same HUC4 (first 8 digits), the same HUC5 (first 10 digits), and the same HUC6 (12 digits). Enter "1" for all that apply below:		W																		WV				W												W		
110		the vegetated part of this AA's wetland is as large or larger than any of its class mapped in its HUC4 watershed	U	U	U		0	0	0	0	0 0	0		0	0	U	U	0	0	0	U	0 0		0	0	0	0	0	0	0	0	0	U	0	U	0) 0	0	U	U
111		the vegetated part of this AA's wetland is as large or larger than any of its class mapped in its HUC5 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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

I	В	С	D	Е	F	G E	I I	J	K	L	M	N	0	P	Q 1	R S	Т	U	J V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN A	AO AI	P AQ	AR	AS
1		Assessment Area	1	2	3	4 5	6a-l	b 7	8	9	10	11	12 13	Ba-d	14 1	15 10	6 17	18	B 19	20	21	22	23	24	25	26a-b	27а-с	28a-b	29a-b	30	31	32	33	34	35	36	37	38 39	40	41	42
		the vegetated part of this AA's wetland is as large or larger than any of its class mapped in its HUC6 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	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0
112 113		none of above	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	Λ	0	0	0 0	0	0	0
114		data are inadequate (NWI mapping not >90% completed in HUC)		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	1	1	1 1	1	1	1
115	3 Wetland Number & Diversity Uniqueness	Turn to the HUCbest worksheet. Is this AA located in one of the HUCs that are listed as having a large diversity of wetland types relative to area of wetlands (column 3), or a large number (column 4) or area (column 5) of wetlands relative to area of the HUC? Enter "1" for all that apply below:																																							
116		yes, for the HUC4 watershed	-	0	0	0 0	0	0	0	0	0	0	Ť	0	0	0 0	0	_ ·	0	0	0	·	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0		0
116 117 118 119		yes, for the HUC5 watershed yes, for the HUC6 watershed	0	-	·	0 0	0 0	0	0	0	0	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
119		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
120	A Historical Hodge of Compatibility	data are inadequate (NWI mapping not completed in HUC)				0 0			0	0							0						0	0	0	0	0	0	0	0	0	0	0	0	0	0	Ů	0 0	0		0
121	Historical Hydrologic Connectivity	wetland is:		W	W ۱	N V			W	W	W	W					V W	/ V	V W				W			W	W	W	W	W	W	W	W	W	W	W	W۱	V W	/ W	W	W
122		same size and boundaries, approximately. For example, wetland boundary may be nearly identical to hydric soil boundary and/or maps of presettlement wetland vegetation		1	0	1 1	0	0	0	1	0	1	0	0	0	0 1	1	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1 1	1	1	1
123		smaller (50-99% of the original size) and/or severed (by roads, dikes, drained soils, etc) from a few historically connected wetlands that may no longer exist. Soil map may show hydric soil extending somewhat beyond current wetland boundary.		0	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	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0
124		much smaller (<50% of the original size) and/or extensively severed (by roads, dikes, drained soils) from many historically connected wetlands that may no longer exist. Soil map may show hydric soil extending far beyond current wetland 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
125		larger (due to damming of stream or runoff, excavation, removal of obstructions, irrigation, etc. that flooded soils which probably were not mapped as "hydric") or has been connected to wetlands from which it existed in isolation just prior to settlement.	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
126		no wetland was present at this location originally (none of the AA is mapped even as partially-hydric soil; the entire AA apparently resulted from impoundment, excavation, or regrading of upland non-hydric soils)		0	1	0 0	1	1	0	0	0	0	1	1	1	1 0	0	0	0	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0 0	0	0	0
D2 127	Special Conservation Designations of the Wetland or Local Area	sources noted below:																																							
128		a) the AA is within or is connected to (at least seasonally) a stream or other water body within 0.5 mile that has been designated as Essential Indigenous Anadromous Salmonid Habitat (ESH)	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0
129		b) the AA is within or contiguous to a Special Protected Area managed by a conservation group or designated as specially protected for conservation by a state or federal resource agency, as indicated online at http://oregonexplorer.info/wetlands/orwap/.	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0
130		c) the AA is within or contiguous to a Wetland Priority Area as determined by ODFW and ORNHIC, and indicated online at http://oregonexplorer.info/wetlands/orwap/	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0
131 132		d) the AA is within an IBA (Important Bird Area, as officially designated in the IBA worksheet, and/or the web site given in column E) NONE 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
132	1	1 or above		-									• 1																				-								

A	В	С	D	Е	F (G Н	I	J	K	L I	M I	1 O	P	Q	R	S	T	U	V	W	X	Y	Z A	A AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN A	O AP	AQ	AR	AS
1		Assessment Area	1	2	3	4 5	6a-b	7	8	9 1	0 1	1 12	13a-d	14	15	16	17	18	19	20	21	22 2	24	25	26a-b	27а-с	28a-b	29a-b	30	31	32	33	34	35	36	37 38	8 39	40	41	42
D26	Non-anadromous Fish Species of Conservation Concern	According to the Oregon Explorer web site, the score for occurrences of rare non-anadromous fish species in the vicinity of this wetland is:																																						
124		high (≥ 0.75 for maximum score, or ≥ 0.90 for score sum), or there is a recent (within 5 yrs) onsite observation of any of these species by a qualified observer under conditions similar to what now occur	0	0	0	0 0	0	0	0	0	0 (0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0
135		intermediate (i.e., not as described above or below)	1	1	1	1 1	1	1	1	1	1 .	1 1	1	1	1	1	1	1	1	1	1	1	1 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
136		low (≤ 0.33 for both the maximum score this group's score sum, but not 0 for both)	0	0	0	0 0	0	0	0	0	0 (0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0
127		zero for both this group's maximum and its sum score, and no recent onsite observation of these species by a qualified observer under conditions similar to what now	0	0	0	0 0	0	0	0	0	0 (0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0
D27	Invertebrate Species of Conservation Concern	occur According to the Oregon Explorer web site, the score for occurrences of rare invertebrate species in the vicinity of this wetland is:																																						
139		high (≥ 0.75 for maximum score, or for this group's score sum), or there is a recent onsite observation of any of these species by a qualified observer under conditions similar to what now occur	0	0	0	0 0	0	0	0	0	0 (0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0
140		low (< 0.75 for maximum score AND for this group's score sum, but not 0 for both)	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
141		zero for both this group's maximum and its sum score, and no recent onsite observation of these species by a qualified observer under conditions similar to what now occur	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	1
D28	Amphibian or Reptile of Conservation Concern	According to the Oregon Explorer web site, the score for occurrences of rare amphibian or reptile species in the vicinity of this wetland is:																																						
143		high (≥ 0.60 for maximum score, or >0.90 for score sum), or there is a recent onsite observation of any of these species by a qualified observer under conditions similar to what now occur		0	0	0 0	0	0	0	0	0 (0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0
144		intermediate (i.e., not as described above or below)	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
145		low (≤ 0.21 for maximum score AND <0.15 for score sum, but not 0 for both)	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	0	0	0
146		zero for both this group's maximum and its sum score, and no recent onsite observation of these species by a qualified observer under conditions similar to what now occur	0	0	0	1 0	0	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
D29	Nesting Waterbird Species of Conservation Concern	According to the Oregon Explorer web site, the score for occurrences of rare nesting waterbird species in the vicinity of this wetland is:																																						
148		high (≥ 0.60 for maximum score, or ≥1.00 for this group's score sum), or there is a recent onsite observation of any of these species by a qualified observer under conditions similar to what now occur	0	0	0	0 0	0	0	0	0	0 (0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0
149		intermediate (i.e., not as described above or below)	0	0	0	0 0	0	0	0	0	0 (0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0
150		low (≤ 0.09 for maximum score and for score sum, but not 0 for both)	0	0	0	0 0	0	0	0	0	0 (0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0
151		zero for both this group's maximum and its sum score, and no recent onsite observation of these species by a qualified observer under conditions similar to what now occur	1	1	1	1 1	1	1	1	1	1	1 1	1	1	1	1	1	1	1	1	1	1	1 1	1	1	1	1	1	1	1	1	1	1	1	1	1 1	1	1	1	1
D30	Non-breeding (Feeding) Waterbird Species of Conservation Concern	According to the Oregon Explorer web site, the score for occurrences of rare non-breeding (feeding) waterbird species in the vicinity of this wetland is:			0	0 0							0				0	0		0	0	0	0 0										0		0					
153		high (≥ 0.33 for maximum score, or there is a recent onsite observation of any of these species by a qualified observer under conditions similar to what now occur						0	0	0	U (0		0						0	U	0	0	0	0	0	0	0	0	U	0	0	U	0	0	0 0	0	0	0	U
154		low (< 0.33 for maximum score and for score sum, but not 0 for both)	0	0	0	0 0	0	0	0	0	0 (0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0

Second Continue of Ministry and Continue of	1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1	The contribution of the co	Control Cont	March Marc	Second Communication Communi
For execution dependent of the separate of the	0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0	The specified by a decision of	**************************************	Accordance of the content of the c	Company Comp
Solghood Agency of Manual Societies of Conservation Concerns of Agency and Societies (in the script) of this sention of color of any of the color plant appears and sention of the color plant appears and senting appears and senting and senting appears and s	0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0	specific manufal specific spec	201 202 Control of Name August Agreements and Control of Name Agreements and Control	Adjust of the process of the control of the process of the control of the process of the proce	Construction Cons
152 153 154 155	0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0	Since a stay of these species by a contract with the stay of the s	Part	The is a more conduction should be showed of any of the feeding while the bridged influence sent conduction while the bridged in the bridged influence sent conduction while the bridged in the bridged influence sent conduction while the bridged in the b	Part A part of colored program of the col
Plant Species of Conservation Conservation Conservation (e., road as escribed above or below) 1	1 1 1 1 1 1 0 0 0 0 0 0 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 1 1 1 1 1 1 1 0 0 0 0 0 0 0	AND cox for score sum. O O O O O O O O O O O O O O O O O O O	February	Tell Process of Construction above a relative process of the sequence of the sequence of the sequence process of the seque	Second control of the control of t
159 But not 0 for both But not 0 for	0 0 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 1 1 1 1 1 1	The sequence by a consisting for the sequence of the sequence	Part Section for Control (Section Field In Fig. 1) Part Se	Part of the play	Seal metal for the form Seal metal for teaching supple smannum and its sum scaree, and
200 for both files gays maximum and its sums core, and one or present makes expected by the sums core, and one or present makes expected by the sums core of the plant of the sums core, and one of the sums core, and one of the sums core of the plant of the sums core, and one of the sums core of the plant of the sums core, and one	0 0 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 1 1 1 1 1 1	These species by a lors similar to orange in the vicinity of this series exum), representation of any of the series exum), representation of the series exum), r	Section from this group's maximum and its sum score, and 0	The contract this groups maximum and is sum since, and no content on this specified of the	Professional miles groups maximum and fits sum screen, and 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
161 Melland is: Migh (≥ 0.75 for maximum score, or > 4.00 for score sum), or there is a recent orisite observation of any of these species by a qualified observer under conditions similar to what now occur in original decreases and its sum score, and a partial decrease of the species by a qualified observer under conditions. Similar to what now occur in original decreases and its sum score, and a partial decrease of the species by a qualified observer under conditions. Similar to what now occur in original decreases are considered above or below). In original decreases a consideration of these species by a qualified observer under conditions. Similar to what now occur in original decreases are considered above or below). In original decreases a consideration of the seed of the species by a qualified observer under conditions. Similar to what now occur is not original decreases and a partial or what now occur. In original decreases a consideration of these species by a qualified observer under conditions. Similar to what now occur is not original within a 100 yr floodplain of a river, or (t) there are no inhabited buildings or cropland within a ribe are no inhabited buildings or cropland within a ribe are within the looy of loodplain. Mark "1" then SKIP TO D35.	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 1 1 1 1 1 1	es in the vicinity of this set. e. cr > 4.0 Differ scores sum). O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	101	Courteness of ray plant species in the vicinity of this evoluted is: Right (20.75 for maximum score, or 7 + 4000 for score part), or 10	Columnition of faree plantal appeares in the vicinity of this workstown of several reads plantal appeares in the vicinity of this set served from the close scanner and the same scanner and the sam
162 163 164 164 165	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 1 1 1 1 1 1	region of any of these funder conditions similar to bed above or below) Ded above or below) O	162 species by a qualified observation of any of three species by a qualified observation of any of three species by a qualified observation of any of three species by a qualified observation of the Chrysperty with the Chrysperty and the	1.62 Septicist by a qualified observed mode conditions similar to what may occur.	162 Series by a gualified observed under conditions similar to substantial consistence of the series of the se
low (\$ 0.12 for maximum score AND < 0.20 for score 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 0 0 0 0 0 0 0	AND < 0.20 for score	Local Loca	No. C. 0.1/2 to maximum state AND < 0.20 for score	The Air Stidal, or is either (a) not within a 100-yr floodplain Air "then SKBP TO D35. Inhabited buildings within 1 mile downslope from the AA, and that croplands in a long of the AA, and that croplands in a long of the AA, and that croplands in a long of the AA, and that croplands in a long of the AA, are that are also are within the 100-yr floodplain a long of the AA, and that croplands in a long of the AA, are that are also are within the 100-yr floodplain in limitating within 1-20 miles downslope from the AA, and that croplands in a long of the case are within the 100-yr floodplain in limitating within 1-20 miles downslope from the AA. Are also are within the 100-yr floodplain in limitating within 1-20 miles downslope from the AA. Are also are within the 100-yr floodplain in limitating within 1-20 miles downslope from the AA. Are also are within the 100-yr floodplain in limitating within 1-20 miles downslope from the AA. Are also are within the 100-yr floodplain in limitating within 1-20 miles downslope from the AA. Are also are within the 100-yr floodplain in limitating within 1-20 miles downslope from the AA. Are also are within the 100-yr floodplain in limitating within 1-20 miles downslope from the AA. Are also are within the 100-yr floodplain and within 1-20 miles downslope from the AA. Are also are within the 100-yr floodplain and within 1-20 miles downslope from the AA. Are also are within the 100-yr floodplain and within 1-20 miles downslope from the AA. Are also are within the 100-yr floodplain and the cropland is also within the 100-yr floodplain and within 1-20 miles downslope from the AA. Are also are within the 100-yr floodplain and the cropland is also within the 100-yr floodplain and the cropland within 1-20 miles downslope from the AA. Are also are within the 100-yr floodplain and the cropland within 1-20 miles downslope from the AA. Are also are within the 100-yr floodplain and the cropland within 1-20 miles downslope from the AA. Are also are within the 100-yr floodplain and the tran
Sum, but not 0 for both) Zero for both this group's maximum and its sum score, and qualified observation of these species by a qualified observer under conditions similar to what now occur 165	1 1 1 1 1	0 0 0 0 0 0	num and its sum score, and 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	165 Sum, but not 10 for both Sum you's maximum and its sum score, and 1 1 1 1 1 1 1 1 1	Sam, but not 0 for both Sam, but not 0 for both Sam, but not 0 for both Sam, source, and	Sum, but not 0 for both) Sum, but not 0 for both) Sum, but not 0 for both) Sum score, and 1 1 1 1 1 1 1 1 1 1
165 no recent onsite observation of these species by a qualified observer under conditions similar to what now occur 166 D33 Floodable Property According to the Oregon Explorer web site: 167 Not within a 100-yr (b) there are no inhabited buildings or cropland within 2 miles downslope that are within the 100-yr floodplain. Mark "1" then SKIP TO D35.	0 0 0 0 0		these species by a ions similar to what now rer web site: Ter web site: The property of the	165	165	no recent onsite observation of these species by a qualified observer under conditions similar to what now Occur 166 D33 Floodable Property According to the Oregon Explorer web site:
The AA is tidal, or is either (a) not within a 100-yr 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 within a 100-yr e are no inhabited buildings sistope that are within the n SKIP TO D35 . The series of the properties of the prope	The AA is tidal, or is either (a) not within a 100-yr floodplain of a river, or (b) there are no inhabited buildings or cropland within 2 miles downslope that are within the 100-yr floodplain. Mark "1" then SKIP TO D35. Inhabited buildings within 1 mile downslope from the AA 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	The AA is tidal, or is either (a) not within a 100-yr floodplain of a river, or (b) there are no inhabited buildings or cropland within 2 miles downslope that are within the 100-yr floodplain. Inhabited buildings within 1 mile downslope from the AA 0 0 0 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1	The AA is tidal, or is either (a) not within a 100-yr floodplain of a river, or (b) there are no inhabited buildings or cropland within 2 miles downslope from the AA 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0
floodplain of a river, or (b) there are no inhabited buildings or cropland within 2 miles downslope that are within the 100-yr floodplain. Mark "1" then SKIP TO D35.	0 0 0 0 0 0		eare no inhabited buildings inslope that are within the in SKIP TO D35. The control of the downstope from the AA 0 0 0 0 1 0 1 1 1 1 1 1 1 1 1 1 1 1	Inhabited buildings within 12 miles downslope that are within the 100-yr floodplain. Mark *1" then SKIP TO D35. Inhabited buildings within 1 mile downslope from the AA 0 0 0 1 0 1 1 1 1 1	Floodplain of a river, or (b) there are no inhabited buildings or cropland within 2 miles downslope from the AA 0 0 0 1 1 1 1 1 1 1	floodplain of a river, or (b) there are no inhabited buildings or cropland within 12 miles downslope that are within the 100-yr floodplain. Mark "1" then SKIP TO D35. Inhabited buildings within 1 mile downslope from the AA 0 0 0 1 0 1 1 1 1 1
Inhabited huildings within 1 mile days close from the AA 0 0 0 0 1 0 1 1 1 1 1 1 1 1 1 1 1 1		1 0 0 0 0 0	plain ildings are within 1 mile at cropland is also within 1 mile 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	also are within the 100-yr floodplain Croplands but no inhabited buildings are within 1 mile the 100-yr floodplain Inhabited buildings within 1-2 miles downslope from the 100-yr floodplain A are also are within the 100-yr floodplain 100	Also are within the 100-yr floodplain	also are within the 100-yr floodplain Croplands but no inhabited buildings are within 1 mile downslope from the AA, and that cropland is also within the 100-yr floodplain Inhabited buildings within 1-2 miles downslope from the AA are also are within the 100-yr floodplain A are also are within the 100-yr floodplain
	0 0 0 0 0		ildings are within 1 mile at cropland is also within 1 mile at cropland is	Croplands but no inhabited buildings are within 1 mile downslope from the AA, and that cropland is also within the 100-yr floodplain 170 Croplands but no inhabited buildings are within 1 mile downslope from the AA, and that cropland is also within the 100-yr floodplain 180 180 180 180 180 180 180 18	Croplands but no inhabited buildings are within 1 mile downslope from the AA, and that cropland is also within the 100-yr floodplain 170 Croplands but no inhabited buildings are within 1 mile downslope from the AA, and that cropland is also within the 100-yr floodplain Croplands but no inhabited buildings are within 1-2 miles O O O O O O O O O O O O O O O O O O O	Croplands but no inhabited buildings are within 1 mile downslope from the AA, and that cropland is also within the 100-yr floodplain Croplands but no inhabited buildings are within 1 mile downslope from the AA, and that cropland is also within the 100-yr floodplain Croplands but no inhabited buildings are within 1 mile downslope from the AA, and that cropland is also within the 100-yr floodplain Inhabited buildings within 1-2 miles downslope from the AA are also are within the 100-yr floodplain
Croplands but no inhabited buildings are within 1 mile 0	0 0 0 0 0	0 0 0 0 0 0	viles downslope from the 1 1 1 1 0 0 0 0 0 0	AA are also are within the 100-yr floodplain	AA are also are within the 100-yr floodplain Croplands but no inhabited buildings are within 1-2 miles 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	AA are also are within the 100-yr floodplain
AA are also are within the 100-yr floodplain	1 1 1 1 1			Croplands but no inhabited buildings are within 1-2 miles 0 0 0 0 0 0 0 0 0		
downslope from the AA, and that cropland is also within the 100-yr floodplain	0 0 0 0 0	0 0 0 0 0 0	*	171 the 100-yr floodplain	171 the 100-yr floodplain	downslope from the AA, and that cropland is also within the 100-yr floodplain
floods has not occurred within 2 miles downgradient. Mark 172 "1" then SKIP to D35.					floods has not occurred within 2 miles downgradient. Mark	
located within 2 miles downslope:	0 0 0 0 0	0 0 0 0 0 0	e, and damage from river 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	172 "1" then SKIP to D35.		
17ver flow is regulated and there are many detention ponds 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	e, and damage from river 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	172 "1" then SKIP to D35. D34 Downslope Storage Between the AA and any floodable buildings or cropland located within 2 miles downslope:	D34 Downslope Storage Between the AA and any floodable buildings or cropland located within 2 miles downslope:	D34 Downslope Storage Between the AA and any floodable buildings or cropland located within 2 miles downslope:
river flow is considered per those are many detention pends 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 1 1 1 1	e, and damage from river 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	172 "1" then SKIP to D35.	D34 Downslope Storage Between the AA and any floodable buildings or cropland located within 2 miles downslope: Triver flow is regulated and there are many detention ponds 1 1 1 1 1 1 1 1 1	D34 Downslope Storage Between the AA and any floodable buildings or cropland located within 2 miles downslope:
river flow is regulated or there are many detention ponds 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 0 0 0 0 0 0	1 1 1 1 1 1 1 0 0 0 0 0 0	e, and damage from river 2 miles downgradient. Mark 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	172	D34 Downslope Storage Between the AA and any floodable buildings or cropland located within 2 miles downslope:	D34 Downslope Storage Between the AA and any floodable buildings or cropland located within 2 miles downslope:
175 and wetlands capable of storing water.	1 1 1 1 1 1 0 0 0 0 0 0	1 1 1 1 1 1 1 0 0 0 0 0 0	e, and damage from river 2 miles downgradient. Mark 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	172	Day	Day Downstope Storage Between the AA and any floodable buildings or cropland located within 2 miles downstope:
175 and wetlands capable of storing water.	1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0	1 1 1 1 1 1 1 0 0 0 0 0 0 0 0	e, and damage from river 2 miles downgradient. Mark 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	172 173 Between the AA and any floodable buildings or cropland	D34 Downslope Storage Between the AA and any floodable buildings or cropland located within 2 miles downslope:	D34 Downslope Storage Between the AA and any floodable buildings or cropland located within 2 miles downslope:

	A B	С	D	Е	F	G I	H I	J	K	L	M	I N	0	P	Q	R	S	Т	U	V W	X	Y	Z	AA	AB	AC	AD	AE	Al	A	i A	Н .	AI .	AJ A	K A	AL .	AM	AN	AO	AP	AQ	AR	AS
1		Assessment Area	1	2	3	4 5	5 6a-	-b 7	8	9	10) 11	12	13a-d	14	15	16	17	18 1	9 20	21	22	23	24	25	26a-b	27a-c	28a-l	29a	b 30	3	1	32	33	4 3	35	36	37	38	39	40	41	42
		in the lower one-third of its watershed, or is included in a	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
		100-yr floodplain, or is closer than about 2 miles from a channel known to be wider than 50 ft (stream order 4 or																																									
180		larger),																																									
D:	36 Contributing Area (CA) Percent	The area of the wetland (and of any lake or pond of which	W	W	W	W V	v v	VV	/ W	/ W	/ W	/ W	/ W	W	W	W	W۱	N١	N۱	N N	/ W	/ N	/ W	/ W	/ W	W	W	W	W	V	١V	۷	N۱	NV	V۱	N	W	W	W	W	W	W	W
181		this AA is a part), relative to its contributing area (CA) as defined using procedures in the Manual, is:																																	- -								
		<1% of its CA, or most of the wetland is tidal, or water	1	1	1	1 1	1 1	1	1	1	1	1	1	1	1	1	1	1	1	1 1	1	1	1	1	1	1	1	1	1	1		1	1	1 1	1	1	1	1	1	1	1	1	1
182		drawn from other surface water bodies (e.g., flood irrigation) is main source of water																																									
183		1 to 10% of its CA	0	0	0	0 (0 0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0		0	0	0	0	0	0	0	0	()	0	0 (0	0	0	0	0	0	0	0	0
184		10 to 100% of its CA Larger than the area of its CA (wetland has essentially 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
		CA, e.g., isolated by dikes with no input channels, or is in			1																					-	`											-					
185		terrain so flat that a CA can't be delineated). SKIP TO D40.																																									
D:	. 0	The proportion of the CA comprised of buildings, roads,	W	W	W	w v	v v	v v	/ w	/ W	/ W	/ W	/ W	W	W	W	w ı	N١	۸I	ν ν	/ \n	/ \n	/ \n	/ \n	/ W	W	W	۱۸/	W	· M	ΙV	٧I	۸/ ۱	N V	٧l	N	W	W	W	W	W	W	W
186	Area	parking lots, other pavement, exposed bedrock, and other impervious surface is about :	**	"	"	" "	יי ויי	٠, ١,	' '	יי וי	' '	' ''	"	"	"	"	١, ١,	יי וייי	٠, ا	יי ויי	, "	' "`	′ "	′ "	"	"	"	"	"	"	′∣"	֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓	ין "י	ין יי	٠, ١	' '	"	• •	"	•	••	•	"
187		>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
188 189		10 to 25% <10%, or wetland is tidal	0	1	0	0 (1 1 0 0	1	1	1	1	1	1	1 0	0	0	0	0	0	1 1 0 0	0	1 0	1	1 n	1	1 n	1	0	1 n	1	-	1	0	1 1 0 (0	0	1	0	1	0	0	0	0
D:	38 Upslope Storage	The cumulative area of other wetlands, detention	W	Ŵ	Ŵ	V	V W	/ \ <u>\</u>	/ \ <u>\</u>	/ \n	VΝ	/ \ <u>\</u>	/ W	W	Ŵ	w	۱ ۱۸۸	N I	_	N N			/ W	/ \/	1 1	W	W	Ŵ	W	, N	<i>i</i> v	٧I	NΙ	N V	v \	N	Ŵ	W	W	١٨/	٠ <u>،</u>	W	w
190		ponds,and reservoirs in the same CA is: Much (>10x) greater than the area of this wetland (plus	1	1	1	1 1	V VI	V VI	1	V V	V VI	1 1	1	1	1	1	1	1	1	1 1	/ VI	1 1	1 1	/ VV	1	1	1	1	1	V 1	V	V \	1	1 1	V V	1	1	1	1	1	1	1	1
		any contiguous pond or lake), or inflow is strongly	'	·	1	' '	' '	'	1.	'	1.	'	1 '	'	'			'	1	' '	'	1 '	'	1.	'	'	1 '	'	1 '	'		'	'	' '	'	'		'	'		'	'	
191		regulated by dams etc. Somewhat greater than the area of this wetland (plus any	0	0	0	0 (0 0) 0	0	0	0	0	0	0	0	0	0	0	0	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 pond or lake) and flows to wetland are not		١	١		۰ ۰	′ °				"	"	"	0	"	١	١ '	١	٠ ٠	"	"	"	"	"	"		"	"	"	`					١	0	U		U	U	U	"
192		strongly regulated Less than the area of this wetland (plus any contiguous	0	0	0	0 (0 0		0		0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	-	0	+	+	0	0 (0	0	0	0	0	0	0	0	
		pond or lake), or wetland is tidal, or no upslope wetlands/	"	١	١		ں ا	,				"	"	"	0	"	١	۱	١	0 0	"	"	"	"	"	"	"	"	"		'	,	١			0	U	U		U	U	U	"
193	20 7 15 11 1	ponds, and no inflow regulation										_										_		_						_	_	_											Ш
D.	Transport From Upslope	A relatively large proportion of the precipitation that falls farther upslope in the CA reaches this wetland quickly as	W	W	W	W V	V W	V W	/ W	/ W	/ W	/ W	/ W	W	W	W	W ۱	N۱	W ۱	V W	/ W	/ W	/ W	/ W	/ W	W	W	W	W	' W	/ V	۷۱	N۱	$N \mid V$	۷ I V	$N \mid $	W	W	W	W	W	W	W
																		- 1			- 1	- 1	- 1																				
		runoff (surface water), as indicated by the following: (a)																																									
		input channel is present, (b) CA slopes are steep, (c) input channels have been straightened, (d) upslope wetlands																																									
		input channel is present, (b) CA slopes are steep, (c) input channels have been straightened, (d) upslope wetlands have been ditched extensively, (e) land cover is mostly																																									
		input channel is present, (b) CA slopes are steep, (c) input channels have been straightened, (d) upslope wetlands																																									
194		input channel is present, (b) CA slopes are steep, (c) input channels have been straightened, (d) upslope wetlands have been ditched extensively, (e) land cover is mostly non-forest, and/or (f) most CA soils are shallow and/or																																									
194 195		input channel is present, (b) CA slopes are steep, (c) input channels have been straightened, (d) upslope wetlands have been ditched extensively, (e) land cover is mostly non-forest, and/or (f) most CA soils are shallow and/or have high runoff coefficients). This statement is: Mostly true	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
194 195 196 197		input channel is present, (b) CA slopes are steep, (c) input channels have been straightened, (d) upslope wetlands have been ditched extensively, (e) land cover is mostly non-forest, and/or (f) most CA soils are shallow and/or have high runoff coefficients). This statement is:	0 1 0	0 1 0	0 1 0	0 (C	0 0 1 1 0 0	0 0 1	0 1 0 0	0 1	0 0 1	0 1 0	0 1 0	0 1 0 0	0 1 0	0 1 0	0 1 0	0 1 0	0 1 0	0 0 1 1 0 0	0 1	0 1 0	0 1 0	0 1	0 1 0	0 1 0 0	0 1 0	0 1	0 1	0 1	() 1	0 1 0	0 (C 1 1 1 0 (C	0 1	0 1 0	0 1 0	0 1 0	0 1 0	0 1 0	0 1 0	0 1 0	0 1 0
194 195 196 197		input channel is present, (b) CA slopes are steep, (c) input channels have been straightened, (d) upslope wetlands have been ditched extensively, (e) land cover is mostly non-forest, and/or (f) most CA soils are shallow and/or have high runoff coefficients). This statement is: Mostly true Somewhat true Mostly untrue, or wetland is tidal Within 1 mile upstream from the wetland, at least one of	0 1 0 W	0 1 0 W	0 1 0 W	0 (0 1 1 0 (0 W V	0 0 1 1 0 0	0 0 1 0 0 V W	0 1 0 V W	0 1 0 V	0 1 0 V W	0 1 0 / W	0 1 0 / W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W \	0 1 0 N	0 1 0 W \	0 0 1 1 0 0 V W	0 1 0 / W	0 1 0 W	0 1 0 W	0 1 0	0 1 0 W	0 1 0 7	/ V) 1 0 V \	0 1 0 N \	0 (c) 1 1 0 (c) V	0 1 0 V V	0 1 0 N	0 1 0 W	0 1 0	0 1 0 W	0 1 0 W	0 1 0	0 1 0	0 1 0 W				
194 195 196 197	40 Known Water Quality Issues in the Input Water	input channel is present, (b) CA slopes are steep, (c) input channels have been straightened, (d) upslope wetlands have been ditched extensively, (e) land cover is mostly non-forest, and/or (f) most CA soils are shallow and/or have high runoff coefficients). This statement is: Mostly true Somewhat true Mostly untrue, or wetland is tidal Within 1 mile upstream from the wetland, at least one of the major sources of surface water to this wetland (at least seasonally) has been designated as Water Quality	0 1 0 W	0 1 0 W	0 1 0 W	0 (1 1 1 0 (1 W V	0 0 1 1 0 0 V	0 0 1 0 0 V W	0 1 0 V W	0 1 0 V	0 1 0 V W	0 1 0 / W	0 1 0 1 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W \	0 1 0 N	0 1 0 W \	0 0 1 1 0 0 W	0 1 0 / W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 V	/ V) 1 0 V \	0 1 0 N \	0 (c) 1 1 0 (c) N V	0 1 0 V V	0 1 0 N	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W				
194 195 196 197		input channel is present, (b) CA slopes are steep, (c) input channels have been straightened, (d) upslope wetlands have been ditched extensively, (e) land cover is mostly non-forest, and/or (f) most CA soils are shallow and/or have high runoff coefficients). This statement is: Mostly true Somewhat true Mostly untrue, or wetland is tidal Within 1 mile upstream from the wetland, at least one of the major sources of surface water to this wetland (at least seasonally) has been designated as Water Quality Limited (303d) for at least one of the parameters below.	0 1 0 W	0 1 0 W	0 1 0 W	0 (1 1 0 (W V	0 0 1 1 0 0 V	0 0 1 0 0 V W	0 1 0 V W	0 1 0 V	0 0 1 1 0 V W	0 1 0 / W	0 1 0 1 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W \	0 1 0 N	0 1 0 W \	0 0 1 1 0 0 V	0 1 0 / W	0 1 0 / W	0 1 0 / W	0 1 0 / W	0 1 0 1 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 V	/ V	0 1 0 V \	0 1 0 N \	0 C 1 1 0 C V V	0 1 0 V V	0 1 0 N	0 1 0 W	0 1 0	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W
194 195 196 197 D		input channel is present, (b) CA slopes are steep, (c) input channels have been straightened, (d) upslope wetlands have been ditched extensively, (e) land cover is mostly non-forest, and/or (f) most CA soils are shallow and/or have high runoff coefficients). This statement is: Mostly true Somewhat true Mostly untrue, or wetland is tidal Within 1 mile upstream from the wetland, at least one of the major sources of surface water to this wetland (at least seasonally) has been designated as Water Quality Limited (303d) for at least one of the parameters below. Obtain from web site only — do not guess. Select all that apply.	0 1 0 W	0 1 0 W	0 1 0 W	0 (1 1 1 0 (1 W V	0 0 1 1 0 0 V W) 0 1 0 0 V W	0 1 0 V W	0 1 0 V	0 1 0 V W	0 1 0 / W	0 1 0 V W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W \	0 1 0 N	0 1 0 W \	0 0 1 1 0 0 V W	0 1 0 / W	0 1 0 / W	0 1 0 / W	0 1 0 / W	0 1 0 / W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 7	/ V) 1 1 0 V	0 1 0 N	0 (0 1 1 0 (0 V V	0 1 0 V V	0 1 0 N	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W
194 195 196 197 D		input channel is present, (b) CA slopes are steep, (c) input channels have been straightened, (d) upslope wetlands have been ditched extensively, (e) land cover is mostly non-forest, and/or (f) most CA soils are shallow and/or have high runoff coefficients). This statement is: Mostly true Somewhat true Mostly untrue, or wetland is tidal Within 1 mile upstream from the wetland, at least one of the major sources of surface water to this wetland (at least seasonally) has been designated as Water Quality Limited (303d) for at least one of the parameters below.	0 1 0 W	0 1 0 W	0 1 0 W	0 (0 1 1 0 0 V	0 0 1 1 0 0 V W	0 0 1 0 0 V W	0 1 0 V W	0 1 0 V	0 0 1 0 V W	0 1 0 / W	0 1 0 / W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W \	0 1 0 V	0 1 0 W \	0 0 1 1 0 0 V W	0 1 0 / W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 7 W	/ V) 1 1 0 V	0 1 0 N	0 C 1 1 1 0 C V	0 1 1 0 V \	0 1 0 N	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W				
194 195 196 197 D		input channel is present, (b) CA slopes are steep, (c) input channels have been straightened, (d) upslope wetlands have been ditched extensively, (e) land cover is mostly non-forest, and/or (f) most CA soils are shallow and/or have high runoff coefficients). This statement is: Mostly true Somewhat true Mostly untrue, or wetland is tidal Within 1 mile upstream from the wetland, at least one of the major sources of surface water to this wetland (at least seasonally) has been designated as Water Quality Limited (303d) for at least one of the parameters below. Obtain from web site only — do not guess. Select all that apply.	0 1 0 W	0 1 0 W	1	0 1	0 0 0 1 1 0 0 V W	. 1	0 1 0 V W	1	1	1	0 1 0 / W	0 1 0 W	1	1	1	1	1 0	1 1 0 0	1	1	1	1 0	1 0	1	1	1 0	1	1) 1 1 0 1	1	1 1 0 (1	1 0	1 0	1	0 1 0 W	1	1	0 1 0 W	1
198 199		input channel is present, (b) CA slopes are steep, (c) input channels have been straightened, (d) upslope wetlands have been ditched extensively, (e) land cover is mostly non-forest, and/or (f) most CA soils are shallow and/or have high runoff coefficients). This statement is: Mostly true Somewhat true Mostly untrue, or wetland is tidal Within 1 mile upstream from the wetland, at least one of the major sources of surface water to this wetland (at least seasonally) has been designated as Water Quality Limited (303d) for at least one of the parameters below. Obtain from web site only — do not guess. Select all that apply. total suspended solids (TSS), sedimentation, or turbidity phosphorus nitrate or ammonia	1	1	1	0 0	1 1 0 0 0 0 0 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	1 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		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	1 0 0	1 0 0	0 0	0 0	0 0	0 0	1
198 199 200 201 202		input channel is present, (b) CA slopes are steep, (c) input channels have been straightened, (d) upslope wetlands have been ditched extensively, (e) land cover is mostly non-forest, and/or (f) most CA soils are shallow and/or have high runoff coefficients). This statement is: Mostly true Somewhat true Mostly untrue, or wetland is tidal Within 1 mile upstream from the wetland, at least one of the major sources of surface water to this wetland (at least seasonally) has been designated as Water Quality Limited (303d) for at least one of the parameters below. Obtain from web site only do not guess. Select all that apply. total suspended solids (TSS), sedimentation, or turbidity phosphorus	1 0	1 0	1	0 1	1 1	1 0 0	1	1 0 0	1	0 0	1	1 0	1 0	1 0 0	0 0	0 0	0 0	1 1 0 0	0 0	1 0 0	0 0	0 0	0 0	1 0	1 0	1 0	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	0 0	1 0	1	1 0	1 0	1	1 0	1
198 199 200 201		input channel is present, (b) CA slopes are steep, (c) input channels have been straightened, (d) upslope wetlands have been ditched extensively, (e) land cover is mostly non-forest, and/or (f) most CA soils are shallow and/or have high runoff coefficients). This statement is: Mostly true Somewhat true Mostly untrue, or wetland is tidal Within 1 mile upstream from the wetland, at least one of the major sources of surface water to this wetland (at least seasonally) has been designated as Water Quality Limited (303d) for at least one of the parameters below. Obtain from web site only do not guess. Select all that apply. total suspended solids (TSS), sedimentation, or turbidity phosphorus nitrate or ammonia toxics, dioxin, heavy metals (iron, manganese, lead, zinc, etc.)	1 0	1 0	1	0 0	1 1 0 0 0 0 0 0 0 0	1 0 0	1 0 0	1 0 0	1 0 0	0 0	0 0	1 0 0 0	0 0	1 0 0 0	1 0 0 0	1 0 0 0	1 0 0 0	1 1 0 0 0 0 0 0 0 0 0 0 1 1 1	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		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	1 0 0	1 0 0	0 0	0 0	0 0	1 0 0 0	1
198 199 200 201 202 203 204	Water	input channel is present, (b) CA slopes are steep, (c) input channels have been straightened, (d) upslope wetlands have been ditched extensively, (e) land cover is mostly non-forest, and/or (f) most CA soils are shallow and/or have high runoff coefficients). This statement is: Mostly true Somewhat true Mostly untrue, or wetland is tidal Within 1 mile upstream from the wetland, at least one of the major sources of surface water to this wetland (at least seasonally) has been designated as Water Quality Limited (303d) for at least one of the parameters below. Obtain from web site only do not guess. Select all that apply. total suspended solids (TSS), sedimentation, or turbidity phosphorus nitrate or ammonia toxics, dioxin, heavy metals (iron, manganese, lead, zinc, etc.) temperature None of above, or degraded water cannot reach wetland, or no data.	1 0	1 0	1	0 1 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	1 0 0 0 0 0 0 0 0	1 0 0 0 0 0	1 0 0 0 0 0 0 1 0	1 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	1 0 0 0 0	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	1 0 0 0	1 0 0 0	1 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 1 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	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 0 0	1 0 0 0	1 0 0 0						
198 199 200 201 202 203 204		input channel is present, (b) CA slopes are steep, (c) input channels have been straightened, (d) upslope wetlands have been ditched extensively, (e) land cover is mostly non-forest, and/or (f) most CA soils are shallow and/or have high runoff coefficients). This statement is: Mostly true Somewhat true Mostly untrue, or wetland is tidal Within 1 mile upstream from the wetland, at least one of the major sources of surface water to this wetland (at least seasonally) has been designated as Water Quality Limited (303d) for at least one of the parameters below. Obtain from web site only do not guess. Select all that apply. total suspended solids (TSS), sedimentation, or turbidity phosphorus nitrate or ammonia toxics, dioxin, heavy metals (iron, manganese, lead, zinc, etc.) temperature None of above, or degraded water cannot reach wetland, or no data. Within 1 mile downstream or downslope from this wetland, or no data.	1 0	1 0 0 0	1 0 0 0	0 1 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	1 0 0 0 0 0 0 0 0	1 0 0 0 0	1 0 0 0 0 0 0 1 0	1 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	1 0 0 0 0	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	1 0 0 0	1 0 0 0	1 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 1 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	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 0 0	1 0 0 0	1 0 0 0						
198 199 200 201 202 203 204	Water	input channel is present, (b) CA slopes are steep, (c) input channels have been straightened, (d) upslope wetlands have been ditched extensively, (e) land cover is mostly non-forest, and/or (f) most CA soils are shallow and/or have high runoff coefficients). This statement is: Mostly true Somewhat true Mostly untrue, or wetland is tidal Within 1 mile upstream from the wetland, at least one of the major sources of surface water to this wetland (at least seasonally) has been designated as Water Quality Limited (303d) for at least one of the parameters below. Obtain from web site only — do not guess. Select all that apply. total suspended solids (TSS), sedimentation, or turbidity phosphorus nitrate or ammonia toxics, dioxin, heavy metals (iron, manganese, lead, zinc, etc.) temperature None of above, or degraded water cannot reach wetland, or no data. Within 1 mile downstream or downslope from this wetland, there is at least one stream or other water body that has been designated as Water Quality Limited (303d) for at	1 0 0 0	1 0 0 0	1 0 0 0	0 1 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	1 0 0 0 0 0 0 0 0	1 0 0 0 0	1 0 0 0 0 0 0 1 0	1 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	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	1 0 0 0	1 0 0 0	1 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 1 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	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 0 0	1 0 0 0	1 0 0 0						
198 199 200 201 202 203 204	Water	input channel is present, (b) CA slopes are steep, (c) input channels have been straightened, (d) upslope wetlands have been ditched extensively, (e) land cover is mostly non-forest, and/or (f) most CA soils are shallow and/or have high runoff coefficients). This statement is: Mostly true Somewhat true Mostly untrue, or wetland is tidal Within 1 mile upstream from the wetland, at least one of the major sources of surface water to this wetland (at least seasonally) has been designated as Water Quality Limited (303d) for at least one of the parameters below. Obtain from web site only — do not guess. Select all that apply. total suspended solids (TSS), sedimentation, or turbidity phosphorus nitrate or ammonia toxics, dioxin, heavy metals (iron, manganese, lead, zinc, etc.) temperature None of above, or degraded water cannot reach wetland, or no data. Within 1 mile downstream or downslope from this wetland, there is at least one stream or other water body that has been designated as Water Quality Limited (303d) for at least one of the parameters below. Obtain from web site	1 0 0 0	1 0 0 0	1 0 0 0	0 1 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	1 0 0 0 0 0 0 0 0	1 0 0 0 0	1 0 0 0 0 0 0 1 0	1 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	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	1 0 0 0	1 0 0 0	1 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 1 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	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 0 0	1 0 0 0	1 0 0 0						
198 199 200 201 202 203 204	Water	input channel is present, (b) CA slopes are steep, (c) input channels have been straightened, (d) upslope wetlands have been ditched extensively, (e) land cover is mostly non-forest, and/or (f) most CA soils are shallow and/or have high runoff coefficients). This statement is: Mostly true Somewhat true Mostly untrue, or wetland is tidal Within 1 mile upstream from the wetland, at least one of the major sources of surface water to this wetland (at least seasonally) has been designated as Water Quality Limited (303d) for at least one of the parameters below. Obtain from web site only — do not guess. Select all that apply. total suspended solids (TSS), sedimentation, or turbidity phosphorus nitrate or ammonia toxics, dioxin, heavy metals (iron, manganese, lead, zinc, etc.) temperature None of above, or degraded water cannot reach wetland, or no data. Within 1 mile downstream or downslope from this wetland, there is at least one stream or other water body that has been designated as Water Quality Limited (303d) for at	1 0 0 0	1 0 0 0	1 0 0 0	0 1 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	1 0 0 0 0 0 0 0 0	1 0 0 0 0	1 0 0 0 0 0 0 1 0	1 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	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	1 0 0 0	1 0 0 0	1 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 1 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	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 0 0	1 0 0 0	1 0 0 0						
198 199 200 201 202 203 204	Water	input channel is present, (b) CA slopes are steep, (c) input channels have been straightened, (d) upslope wetlands have been ditched extensively, (e) land cover is mostly non-forest, and/or (f) most CA soils are shallow and/or have high runoff coefficients). This statement is: Mostly true Somewhat true Mostly untrue, or wetland is tidal Within 1 mile upstream from the wetland, at least one of the major sources of surface water to this wetland (at least seasonally) has been designated as Water Quality Limited (303d) for at least one of the parameters below. Obtain from web site only — do not guess. Select all that apply. total suspended solids (TSS), sedimentation, or turbidity phosphorus nitrate or ammonia toxics, dioxin, heavy metals (iron, manganese, lead, zinc, etc.) temperature None of above, or degraded water cannot reach wetland, or no data. Within 1 mile downstream or downslope from this wetland, there is at least one stream or other water body that has been designated as Water Quality Limited (303d) for at least one of the parameters below. Obtain from web site	1 0 0 0	1 0 0 0	1 0 0 0	0 1 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	1 0 0 0 0 0 0 0 0	1 0 0 0 0	1 0 0 0 0 0 0 1 0	1 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	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	1 0 0 0	1 0 0 0	1 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 1 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	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 0 0	1 0 0 0	1 0 0 0						

A	В	С	D	Е	F (3 H	I	J	K	L N	1 N	0	P	Q	R S	Т	U	V	W	X	Y Z	AA	AB	AC	AD A	E AF	AG	AH	AI	AJ Al	K AI	L AM	AN	AO A	AP AQ	AR	AS
		A	1	2	3 4	1 5	6a-b	7	8	9 10) 11	12	13a-d	14	15 16	6 17	18	19	20	21 2	22 23	24	25 2	26a-b 2	7a-c 28	a-b 29a-	b 30	31	32	33 34	4 35	36	37	38 39	39 40	41	42
207		Assessment Area phosphorus	0	0	0 () 0	0	0	0	0 0	0	0	0	0	0 0) 0	0	0	0	0	0 0	0	0		0	0 0	0	0	0	0 0) 0	0	0	0 0	0 0	0	0
208		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	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	0	0	0	0 0) 0	0	0	0 0	0 0	0	0
209 210		etc.)	1	1	1 .	1 1	1	1	1	1 1	1	1	1	1	1 1	1	1	1	1	1	1 1	1	1	1	1	1 1	1	1	1	1 1		1	1	1	1	1	1
211		temperature 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	0	0	0	0	0 0	0	0	0	0 0	0 0	0	0	0 0	0 0	0	0
	Type of Outflow Connection to 303d	At least part of the AA is connected to the downstream																																			
212		303d water mentioned above:																												4						\perp	
212		for 9 or more continuous months annually (persistent water in a stream, ditch, lake, or other water body)	1	1		1 1	0	1		1 1	1	1 1	0	1			1		1	1	1 0	1	1	0	0	0 0	1	1		1 0	' 1						1
213		intermittently (at least once annually, but for less than 9	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
214		months continually)	ŭ	ľ	Ŭ,		Ů	Ů	Ů	Ů	Ů	Ů	Ů	Ů	Ů		ľ	Ů	Ů	Ĭ	Ĭ.	Ů	Ů	Ĭ	Ů		Ů	ľ	Ů	Ů	Ů	Ů	Ů				لللا
215	2.11.11.11.0. (250)	Not connected, or connected less than annually	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	1	1 1	0	0	0	0 1	1 0	0	0	0 0	0 0	0	0
D43	Drinking Water Source (DEQ)	According to the ODEQ Lasar database, the AA is within:																																			1
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 0	0	0	0	0 0) 0	0	0	0 0	0 0	0	0
217		source																																			ш
210		the source area for a groundwater (GW) drinking water	0	0	0 (0	0	0	0	0 0	0	0	0	1	1 1	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	0
218 219		Source Neither of above	1	1	1	1 1	1	1	1	1 1	1	1	1	0	0 0) 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
	Groundwater Risk Designations	The AA is (select all that apply):																																			
		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	0	0	0	0 0	0	0	0	0 0	0 0	0	0
		(ODEQ): http://www.deq.state.or.us/WQ/groundwater/docs/mapgwm																																		ļ	1
221		as.pdf																																			1
		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	0	0	0	0 0	0	0	0	0 0	0 0	0	0
222 223		North Florence Dunal Aquifer 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
	Mean Annual Precipitation	According to the PRISM Data Explorer, annual	-	1	-		-		-		+	-	-				-	'	-	-	1 1	- '	-	'	1	1	-		1	-	+	+-	-			+	1
224		precipitation in the vicinity has normally been:																																			
225 226 227 228 229 230		<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	0	0	0	0 0) 0	0	0	0 0	<u>) 0</u>	0	
226		10-12 inches per year 13-19 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	0	0	0	0 0	1 0	0	0	0 0) 0	0	0
228		20-47 inches per 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	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	0	0 0) 0	0	0	0 (0 0	0	0
	County Deals for Dhoodham a Londing	>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	0	0	0	0 0) 0	0	0	0 0	0 0	0	0
D46	County Rank for Phosphorus Loading	The phosphorus loading rank of the county in which the AA is located is: (select one); see Table 6 in WQprob worksheet)																																			
232		top 4 in Oregon (Marion, Malheur, Umatilla, 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	0	0	0	0 0) 0	0	0	0 0	0 0	0	0
233		top 18 (see Table 6 in WQprob 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
232 233 234 235		bottom 18 (see Table 6 in WQprob worksheet) 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	$\begin{bmatrix} 1 & 1 \\ 0 & 0 \end{bmatrix}$	0	0	0	$\frac{1}{0}$ 0	$\begin{array}{c c} 1 & 1 \\ 0 & 0 \end{array}$	0	0	$\begin{array}{c c} 1 & 1 \\ 0 & 0 \end{array}$	0 0	0	0
	County Rank for Nitrogen Loading	The nitrogen loading rank of the county in which the AA is	0			-	+ -	ľ	0	0 0	-	-	0		0 0	, , ,	"	-	0	-	0 0	+ + +	-		0		-	-	0	0 0	+	+	0		, °	+	\vdash
	, see the agent codding	located is: (select one; see Table 7 in WQprob worksheet)																																			ıl
236							-				1					1	1											1								<u> </u>	
237 238 239 240		top 4 in Oregon (Marion, Malheur, Umatilla, Linn) top 18 (see Table 7 in WQprob worksheet)	0	_		0 0	_	0	0	0 0	_	0	0		_	0 0	_	0		0	0 0	0	0			$\begin{array}{c c} 0 & 0 \\ \hline 0 & 0 \end{array}$	_	0	0	0 0		0	0		$\begin{array}{c c} 0 & 0 \\ \hline 0 & 0 \end{array}$	_	_
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 1	1	1	1	1 1	1	1	1	1 1	1 1	1	1
		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	0	0	0	0 0	0 0	0	0	0 0	0 0	0	0
D48	Estuarine Position	The AA's relative position in the estuary is (SKIP if nontidal):																																			
241		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	0	0	0	0 0	0 0	0	0	0 0	0 0	0	0
		of a major river; includes most saline tidal wetlands)			Ĭ `					Ĭ Ĭ					آ ا					Ĭ	ا ا		Ĭ		Ĭ									,			ı Ĭ
242 243			_			. -	1 -				+-	-			_	1 -	+-	1				+ +					+-				_	4_				 	
243		mid 1/3 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		
244		most brackish and fresh tidal wetlands)	J	"	Ĭ '			ľ		ا ا			J		ا ا		"	"		١	ا ا	"	١		٠	"						0	"				ا ٽ ا
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 (SKIP if nontidal):																																			
245	-	(SKIP II nonudal): >30 parts per thousand (undiluted seawater)	0	0	0 () 0	n	0	0	0 0	n	0	0	0	0 0) 0	n	0	0	0	0 0	0	0	0	0	0	n	0	0	0 0) 0	0	0	0 (0 0	0	0
247]	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	
248 249		0.5 - 5 ppt (oligohaline)		_		0 0		0	0	0 0	_	_	0			0	0			-	0 0		0		0	0	_	_		0 0			0		0 0		
249	-	<0.5 ppt (fresh) 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	_
250		web site or from other sources	U	U	٠ '	′ ′	"	l u	0	ا ا		0	U	U	ا ا	′ °	"	"	0	١	ا ا	"	0	0	١	"	"	"	U			U	"		, 0	U	Ŭ
				-								- '		-			_							-	•	•		-	-								$\overline{}$

Α	В	С	AT A	AU	AV A	AW A	X A	/ AZ	BA	BB	BC	BD B	E BF	BG	ВН	BI	BJ	BK E	BL B	M BN	ВО	BP 1	BQ BI	R BS	BT	BU	BV I	BW I	BX B	Y BZ	Z CA	CB	3 CC	C CD	CE	CF	CG	СН	CI CJ
1		Assessment Area	43а-е	44	45	46 47	48	49	50a-c	51	52	53 5	4 55	56	57	58	59	60 6	61 6	2 63	64	65	66 67	68	69	70	71a-b	72	73 74a	a-c 75	76	77	78	79	80	81	82	83 8	4 85
D1 2	Mitigation Investment	The AA is all or part of a mitigation site used explicitly to offset impacts elsewhere (0= no, 1= yes)	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0	0	0 0) 0	0	0	0	0	0	0	0	0	0 0
3		(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	0	0	0 0) 0	0	0	0	0	0	0	0	0	0 0
D2	Conservation Investment	The AA is part of or contiguous to a wetland on which public or private organizational funds were spent to preserve, create, restore, or enhance habitat mainly as part of a voluntary effort not used explicitly to offset impacts elsewhere (0= no, 1= yes)	0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0	0	0 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		(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	0 0) 0		_	0	0	0	0	0	0	0 0
D3		This AA (a) is not along (or in the bienniel floodplain of) a large stream or river where riparian woodlands would be typical and (b) had a presettlement vegetation class not dominated by trees as indicated by the Oregon Explorer web site Enter 1 if both are true, 0= if not.				0 0	0	0	0	0	0	0	0	0	0			0		0	0	0			0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0 0
7	Enciosed by Roads	Draw a circle of radius of 2 miles centered on the AA. Do paved public roads completely encircle the AA? (0= no, 1= yes)	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	0	0	0	1 1	1	1	1	1	1	0	0	0	1	1 0
D5	Distance to Nearest Busy Road	The distance from the center of the AA to the nearest road with an average daytime traffic rate of at least 1 vehicle/ minute is:																																					
9		>1 mile	1	1	1	1 0	0	0	0	0	0	0	0 0	0	0	0	0	0	0 0	1	1	1	1 1	1	1	0	0	0	0 0) 1	0	0	1	0	0	0	0	0	0 0
10		0.5- 1 mile	0	-		0 1	1	1	0	0	1	0	0	0	0	0	1	1	1 1	0	Ť	-	0 0	Ť	0	0	0	0	1 1	0	0	1	0	1	0	0		0	0 0
11		1000-2600 ft 500-1000 ft	0		0	0 0	0	_	0	0	0	0	1 1	0	1	0	0	0	0 0	0	0	-	0 0	0	1 × 1	0	0	ŭ	0 0) 0	1	0	0	0	0	0	0	0	0 0
13		100-500 ft	0		0	0 0	- v	·	0	0	0	0	0 0	0	0	0	0	0	0 0	0	0		0 0	0	_ <u> </u>	0	1	•	0 0) 0	0	0	0	0	0	0			0 1
14		<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	0 0	0	0	0	0	0	0 0) 0	0	0	0	0	0	0	0	0	0 0
D6	Forest Landscape Extent	Draw a circle of radius of 2 miles centered on the AA. Including the AA itself, the cumulative amount of forest (regardless of patch sizes) is:		0	0																		0 0				0	0									0	0	
17		<5% of the circle 5 to 20%	0			0 0			0	0	0	0	0 0	0	0	0	0	0	0 0	_	0	0	0 0	0	0	0	0		0 0	0 0	_	0	-	0	0	0			0 0
18		20 to 50%	0			0 0			0	0	0	0	0 0	0	0	0	0	0	0 0	0	Ť	-	0 0	0	 	0	0	0	1 1	1	1	0	-	0	0	0	0		0 0
19		50 to 80%	1	1	1	1 1	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	Ť	1	1	1	1	1	1	1	1
20	5 17 18 11	>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
D7	Forest Tract Proximity	The minimum distance from the AA edge to the closest forested tract or corridor larger than 100 acres is:	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	0	0 0			0		0			0	0	0 0
22		<100 ft, or contiguous and not separated from the AA by impervious surface, open water, bare dirt, or lawn 100-300 ft; or <100 ft but separated by impervious	0	0	0	0 0	0	0		0	0	0	0 0	0	0	0	0	0	0 0) 0	0		0 0			0			0 0										0 0
23		surface, open water, bare dirt, or lawn										Ů		ļ.	Ů	١												_										-	
25		300-1000 ft >1000 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	1 1 0 0
D8	Size of Nearby Forest	The largest patch or corridor that is forested and is either within the AA, or begins within the AA, or begins within 0.5 mile of the AA edge, and then extends outward occupies:																																					
27		<1 acre of forest 1-10 acres	0			0 0			0	0			0 0		0	_		0	0 0			0			0	0	0	-	0 0			Ť							0 0
29		10-100 acres	0	-	·	0 0			0	0	0		0 0	Ť	0	0	- v		0 0	· ·	Ť	-	0 0	Ť		0		<u> </u>	0 0) 0		0					Ů		0 0
30		100-1000 acres	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	0			0 0
31		>1000 acres		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	0	0	0	1	1 1
32 33	Natural Land Cover Extent	Within a 2-mile radius measured from the center of the AA, the percent of the land that has natural land cover is: <5% of the land	0	0	0	0 0	0		0		0	0	0 0	0	0	0	0	0	0 () 0	0	0	0 0	0	0	0	0	0	0 0) 0	0	0	0	0		0	0	0	0 0
34		5 to 20% of the land	0	_	_	0 0			Ť	0			0 0		0				0 0			0			0	0		<u> </u>	0 0	·		_ v				_	_		0 0
35		20 to 60% of the land	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
36		60 to 90% of the land	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	Ü	0 0) 0		1	1	1	1	1	1	1	1
31 D10	0 Type of Land Cover Alteration	>90% of the land Within a 2-mile radius measured from the center of the AA, the percent of the area that is not "natural land cover" or water is mostly:				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		T	0 0	0	0	0	0	0	0	0	0	0	0 0
39		impervious surface, e.g., paved road, parking lot, building, exposed rock	0	0	0	0 0	0	0	0	0	0	0	0 0		1	1	1	1	1 1	0	0		0 0		0	0		0	1 1	1	1	0		0	0	0	0	0	0 0
40		bare pervious surface, e.g., dirt or gravel road, plowed fields, dunes, recent clearcut or landslide	1	I	1	1 1	1	1	1	1	1		1	0	0	U	0	0	0 0	1	1	0	0 0	0	0	0	0	0	0 0	0	0	1	1	1	1	1			1

A	В	С	AT	AU A	V AV	W AX	AY	AZ	BA	BB	BC	BD	BE	BF B	G BI	H BI	BJ	BK	BL	BM	BN B	O BP	BQ	BR	BS I	BT BI	J BV	BW	BX	BY	BZ	CA	CB C	CC C	D C	E CF	CG	СН	CI CJ
1		Assessment Area	43а-е	44 4	15 46	6 47	48	49	50a-c	51	52	53	54	55 56	5 57	7 58	59	60	61	62	63 6	4 65	66	67	68	69 70	71a-b	72	73	74a-c	75	76	77 7	78 7	9 80	0 81	82	83	84 85
41		cultivated row crops, orchard, tree plantations	0	0	0 0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0 0) 0	0	0	0	0 0	0	0	0	0	0	0	0 (0 () (0	0	0	0 0
42		artificially landscaped areas or lawn	0		0 0		0	0	0	0	0	0	0	0 0	·	0	0	0	0	0	0 (0	0			0 0		0	0	0	0	0	0 (0 () (0	0	0	0 0
43		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
44		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
45		(none of above; land cover is >90% natural land cover)	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	1	0	0	0	0	0 (0 (0	0	0	0	0 0
D11	Proximity to Natural Land Cover	The minimum distance from the AA edge to the closest			+										+		1																			+	+		
		tract or corridor of natural (not necessarily native) land																																			'		
		cover larger than 100 acres and not interrupted by roads or other gaps of disturbed land wider than 100 ft, is:																																			'		
46																																				Ш.	'		
		<100 ft, or the AA contains >100 acres of vegetation, or >100 acres of natural land cover is contiguous to the AA	1	1	1 1	1	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	1	0 (0 1	1 1	1	1	1	1 1
		(not separated by impervious surface or wide (>50 ft)																																					
11		stretches of open water, bare ground, or lawn)																																					
47		<100 ft, but separated from the wetland by impervious	0	0	0 0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0 0) 0	0	0	0	0 0	0	0	0	0	0	0	0 (0 () () 0	0	0	0 0
		surface or wide (>50 ft) stretches of open water, bare	1				`						1							1																	' '		
48		ground, or lawn 100-300 ft; and not separated from the wetland by	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
		impervious surface or wide (>50 ft) stretches of open	U	١	ĭ º		"	"				0	١	١			"	"	0	٠	٠ ا ر	´ Ŭ		"	0	ا ا	"	"	"	U	U	٥	٠ ١	٠ ۱	´ '	0		U	ا ا
49		water, bare ground, or lawn																					1														<u> </u>		
		100-300 ft, but separated from the wetland by impervious surface or wide (>50 ft) stretches of open water, bare	0	0	0 0	0	0	0	0	0	0	0	0	0 0	0	0	0	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		ground, or lawn																																			'		
51	Cize of Largest Nearby Treet or Carrida	> 300 ft The largest patch or corridor that is natural land 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	1	1	1	1	0	1	1 () (0	0	0	0 0
DIZ	of Natural Land Cover	and is either (a) entirely within the AA, or (b) begins within																																			'		
		the AA, or (c) begins within 0.5 mile of the AA edge, and																																			'		
52		then extends outward occupies:																																			'		
53		<1 acre	0	0	0 0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0 () 0	0	0	0	0 0	0	0	0	0	0	0	0 (0 () (0	0	0	0 0
54 55		1-10 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
56		10-100 acres 100-1000 acres	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 0
57		>1000 acres	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 0	0	0	1	1 1
D13	Local Wetland Uniqueness	Within 0.5 mile of the center of the AA, the AA and vegetation of the same form that is contiguous to it																																					
58		together provide (select all that apply):																																			'		
		the largest patch of currently ungrazed, unmowed, 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	1	1	0	1	0 (0 0) 1	0	0	1	1 0
59		unshaded herbaceous vegetation the largest patch of unshaded shrubland (excluding	0	0 (0 0	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	1	1	0	1	0 (0 0) 1	0	0	0	0 0
60		plantations)	Ů	Ů		•		Ů	Ů	ľ	ľ	Ů			Ů	Ů	Ů	Ů	Ů			<u> </u>	Ĭ.	Ů			Ů	ľ			Ů	·				Ľ	'	Ů	
61		the largest patch of deciduous or evergreen trees (excluding plantations)	0	0	0 0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0	0	0 0	0	0	0	0	0	0	0 (0 0	0	0	0	0	0 0
62		NONE of above	1	1	1 1	0	0	1	1	1	1	1	0	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	0	1	1	0	0 1
D14	Cropland & Wetland in Landscape	Draw a circle of radius of 2 miles centered on the AA. The																																					
63		amount of cropland, airport, golf course, and /or herbaceous wetland (including this one) is:																																					
64		<5% of the land	0	0	0 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
65		5 to 20% 20 to 50%	1	1	1 1	1	1	1	1	1	0	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
64 65 66 67		20 to 50% 50 to 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
68		>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
D15	Proximity to Cropland-Wetland	The distance from the AA edge to the closest tract of cropland, airport, golf course, and /or herbaceous wetland																																					
69		(including this one) larger than 1 acre is:																																					
70		<100 ft, or the AA contains >1 acre of such cover, or is	1	1	1 1	1	1	0	0	0	0	1	1	1 1	0	0	1	1	1	0	1 (1	1	1	1	1 0	0	0	1	1	0	1	1	1 1	1 1	1	1	1	1 1
70		contiguous to >1 acre of such cover 100 to 300 ft	0	0	0 0	0	0	0	1	1	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 () (1) 0	0	0	0 0
72		300 to 1000 ft	0	0	0 0	0	0	1	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 (0 () () 0	0	0	0 0
73 D16	Ponded Water in Landscape	>1000 ft Draw a circle of radius of 2 miles centered on 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 1	1	1	0	0	0	0	0 (0 () (0	0	0	0 0
الالا	i onucu water iii Lanuscape	Including water ponded in the AA itself or in a fringing																																					
		water body, the amount of non-tidal water that is ponded																																					
	1	during most of the year is:	- 1	- 1	- 1	1	1	1	1	1	1	1			- 1	1	1	ı I	1			1	1													\perp	'		

	A B	С	AT	AU	AV A	AW AX	AY	AZ	BA	BB	ВС	BD	BE B	F BC	G BH	BI	BJ I	BK E	BL I	вм в	N B	O BP	BQ	BR	BS I	BT BU	J BV	BW	BX	BY	BZ	CA	CB C	C CI	CE	CF	CG C	CH C	I CJ
1		Assessment Area	43а-е	44	45 4	46 47	48	49	50a-c	51	52	53	54 5	5 56	57	58	59	60 6	61	62 6	3 6	4 65	66	67	68	59 70	71a-	b 72	73	74a-c	75	76	77 7	8 79	80	81	82 8	33 84	4 85
_		<5% of the circle, located in 5 or fewer ponds or lakes	1	1	1	1 1	1	1	1	1	1	1	1	1 1	1	1	1	1	1	1 '	1 1	1 1	1	1	1	1 1	1	1	1	1	1	1	1	1 1	1	1	1	1 1	1
75							4																		-								_						
76		<5% of the circle, located in >5 ponds or lakes 5 to 30%, located in 10 or fewer ponds or lakes	0	0	0	0 0	0	0	0	0	0	0	0 (0 0	0	0	0	0	0	0 (0 0	0 0	0	0	0	0 0	0	0	0	0	0	0	0 () 0	0	0	0	0 0	0
78		5 to 30%, located in >10 ponds or lakes	0	0	0	0 0	0	0	0	0	0	0	0 (0 0	0	0	0	0	0	0 (0 0	0 0	0	0	0	0 0	0	0	0	0	0	0	0 (0 0	0	0	0	0 0) 0
79		>30%, located in 15 or fewer ponds or lakes	0	0	0	0 0	0	0	0	0	0	0	0 (0	0	0	, ,	0	Ů	0 (0 (0 0	0	0	0	0 0	0	_ ~	0	0	0	0	0 (0 0	0	0	v	0 0	0
80	7 0 1 1 1 1 1 1 1 1	>30%, located in >15 ponds or lakes	0	0	0	0 0	0	0	0	0	0	0	0 (0	0	0	0	0	0	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	7 Ponded Water Proximity	The minimum distance from the AA to the closest non-tidal wetland, pond, or lake that is larger than 1 acre, is		.				'																															
		ponded most of the year, and is not part of the same		.				'																															
81		associated wetland, pond, or lake, is:		\longrightarrow				'																															
82		<300 ft, and connected with a natural land corridor	0	0	0	0 0	0	0	0	0	0	0	0 (0		0		0	-	,	0 0		0	0	0	0 0	0	_			·	0	0 (0 0				0 0	0
83		<300 ft, but no uninterrupted natural land corridor 300-1000 ft, and connected with a natural land corridor	-	-	-	0 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
84		500 Tood II, and connected with a natural land contain		Ĭ	٠			"	"	۰	ı l	Ĭ	" "	′ °	"	"		٠ ·	Ĭ	Ĭ `	Ĭ	, I ,	"		Ŭ	٠ °	ľ	"	"	"			ı ı	, I ,			o l	' '	_ ~
		300-1000 ft, but no uninterrupted natural land corridor	0	0	0	0 0	0	0	0	0	0	0	0 (0	0	0	0	0	0	0 (0 0	0 0	0	0	0	0 0	0	0	0	0	0	0	0 (0 0	0	0	0	0 0	0
85		>1000 ft, and connected with a natural land corridor	0	0	0	0 0	0	0	0	0	0	0	0) 0	0	0	0	0	0	0 (0 0) 0		0	0	0 0		0	0		0	0	0 (0 0	0	0	0	0 0) 0
87		> 1000 ft, and connected with a natural land corridor >1000 ft, but no uninterrupted natural land corridor	1	1	1	1 1	1	1	1	1	1	1	1	1 1	1	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	
	8 Large Ponded Water Proximity	The distance from the AA edge to the closest (but																																		Ť			
		separate) non-tidal body of water that is ponded during						1 '																															
90		most of the year and is larger than 20 acres (about 1000						'																															
89		ft on a side) is: <1 mile	0	0	0	0 0	<u> </u>	10	0	n	0	0	0 () 0	0	0	0	0	0	0 (0 0) 0	n	0	0	0 0	n	0	0	0	0	0	0 (0 0	0	0	0	0 0) 0
90		1-5 miles	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	1 1	0	0			0
91		>5 miles	1	1	1	1 1	1	1	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	1 (0 0	1	1	1	1 1	1
02	9 Tidal Proximity	The distance from the AA edge to the closest tidal body of		.				'																															
92		water is: <1 mile	0			0 0	10	1	0	n	0	0	0 1) 0	0	0	0	0	n	0 (0 0) 0	0	0	0	0 0	0	0	0	0	0	n	0 () 0	0	n	0	0 0	-
94		1-5 miles	0	0	0	0 0	0	0	0	0	0	0	0 (0 0	0	0	0	0	0	0 (0 0	0 0	0	0	0	0 0	0		0	0	0	0	0 (0 0	0	0	0	0 0	0
95		>5 miles	1	1	1	1 1	1	1	1	1	1	1	1	1 1	1	1	1	1	1	1	1 1	1 1	1	1	1	1 1	1	1	1	1	1	1	1	1 1	1	1	1	1 1	1
		Using the Web Soil Survey procedure described in the		.				'																															
		ORWAP manual, the rating of the soil map unit which occupies the largest percentage of the zone 200 ft uphill		.				'																															
96		from the AA is:		.				'																															
97		very severe	-			0 0	0	0	0	0	0	0		0	_		0		_	_	0 0		0	<u> </u>		0 0				_				0 0	_	_	0	0 0	0
98		Severe		v	- v	0 0	0	0	0	0	0	0	0 (0 0		·		v	~	<u> </u>		0 0	0	0	0	0 0	v		_	_	v	0	0 (0 0		0	0	0 0	0 0
99 100		moderate slight	1		1	1 0	0	1	0	0	1	1	-) 0	_		- v		-	0 (1 1	1 0	0			0 0	_	0	_ ~	1	1	0	0	1 0			0		0 0
101		(could not determine)	0	0	0	0 0		0	0	0	0	0	0 (0		_	-	-	~		0 0			_		0 1		_ ~	0	0	0	0		0 0					0
	21 Wetland Size	Using the Web Soil Survey AOI tool to measure it, what is	W	W	W	w w	W	W	W	W	W	W	w v	v w	/ w	W	W١	w١	N١	w v	N V	v w	W	W	w۱	N N	/ \N	W	W	W	W	W	W V	v v	W	W	W V	V V	v w
		the area of the largest patch of emergent, shrub, or forest vegetation within the wetland of which the AA is a part?	••		٠, ۱	′	"	'''	''		"	"	" "	٠, ٠,	' ''	"	'' '	ין יי	''	" "	ין י	٠,٠٠	"	''	٠, ١,	יי ויי	′ ''	"	"	"	"	''	" "	٠, ١,	"	""		'' ''	′ •••
		See instructions in last column and figures in Appendix A		.				'																															
102		of the Manual.																																					
103		<0.1 acre				0 0										0																							
104		0.1 - 1 acre 1 to 10 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 1
106		10 to 100 acres	1	1	1	1 1	1	0	1	1	0	0	1	0 0	v	- v	0	0	_	0	1 1	1 1	1	1	1	1 0	0	0		1	0	0		0 0	_		0		0 0
104 105 106 107 108		100 to 1000 acres	_			0 0			0	0	0	0		0	_	-	0				0 0		_			0 0			-			1		0 1	1	1	1	_	. 0
108	Wotland Cize Uniqueness in Water L	>1000 acres	_	_		0 0		0	0	0	0		-	0					_		0 (_				0 0			_			0	-	0 0					0
		From the Wetland Explorer web site (see Manual), determine the 12-digit code number for this wetland's	W	W	W ۱	w w	W	W	W	W	W	W	$W \mid V$	V W	/ W	' W	W \	W V	N۱	W V	$N \mid V$	۷ W	/ W	W	W۱	N W	/ W	/ W	′ W	' W	W	W	$W \mid V$	V W	/ W	W	W V	$N \mid W$	I W
		HUC6 (Hydrologic Unit Code, i.e., watershed). Then turn						1 '																															
		to the HUC4, HUC5, and HUC6 worksheets and compare						1 '																															
		the size of the wetland (of which this AA is a part) with that of the largest wetlands of the same class in the same						1 '																															
		HUC4 (first 8 digits), the same HUC5 (first 10 digits), and						'																															
		the same HUC6 (12 digits). Enter "1" for all that apply						'																															
109		below:	\longrightarrow				\perp	'						\perp		_			_		\perp		_	\sqcup			\perp	\perp		1									\bot
		the vegetated part of this AA's wetland is as large or larger	0	0	0	0 0	0	0	0	0	0	0	0 (0	0	0	0	0	0	0 (0 0	0	0	0	0	0 0	0	0	0	0	0	0	0 (0	0	0	0	0 0	0
110		than any of its class mapped in its HUC4 watershed						1 '																															
-10		the vegetated part of this AA's wetland is as large or larger	0	0	0	0 0	0	0	0	0	0	0	0 (0 0	0	0	0	0	0	0 (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	i ,	ı			- 1						- 1		- 1	- 1	1	1	i I	- 1	1	1	1	1	1	1		1			1		1	1
		than any of its class mapped in its HUC5 watershed						1 1																															

A	В	С	AT	AU A	V AV	V AX	AY	AZ	BA	BB	BC	BD	BE :	BF E	BG E	вн в	BI B.	BK	BL	BM	BN	ВО	BP	BQ 1	BR B	S BT	BU	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE CI	F CG	СН	CI CJ
1		Assessment Area	43а-е	44 4	5 46	47	48	49	50a-c	51	52	53	54	55 5	56 5	57 5	59	60	61	62	63	64	65	66	67 68	69	70	71a-b	72	73	74a-c	75	76	77	78	79	80 81	82	83	84 85
112		the vegetated part of this AA's wetland is as large or larger than any of its class mapped in its HUC6 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	0	0	0	0	0	0	0	0	0	0	0	0 0	0	1	1 0
113		none of above	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	1	1	0	0	0	0	0	0	0	0 0	0	0	0 1
114		data are inadequate (NWI mapping not >90% completed in HUC)	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	1	1	1	1	1	1	1	1 1	1	0	0 0
115	Wetland Number & Diversity Uniqueness	Turn to the HUCbest worksheet. Is this AA located in one of the HUCs that are listed as having a large diversity of wetland types relative to area of wetlands (column 3), or a large number (column 4) or area (column 5) of wetlands relative to area of the HUC? Enter "1" for all that apply below:																																						
116		yes, for the 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 0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0 0
117 118 119		yes, for the HUC5 watershed yes, for the HUC6 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 0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0 0
119		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
120	Historical Hydrologic Connectivity	data are inadequate (NWI mapping not completed in HUC) Compared to the wetland originally present at this	0		0	0	0	0	0	0	0	0	0		0		0 0	0		0	0			0	0 0	0		0	0	0	0	0	0	0	0	0	0 0	0	0	0 0
121	nistorical nyurologic connectivity	wetland is:	W		V W	/ W	W	W				W											W	W	W V	/ W					W		W			W	W M	/ W		WW
122		same size and boundaries, approximately. For example, wetland boundary may be nearly identical to hydric soil boundary and/or maps of presettlement wetland vegetation	1	0	1		1	1	0	0	0	1		0				0			0		1	1	1 1	7	0		0		1	0	T		0	Ü	1		0	0 0
123		smaller (50-99% of the original size) and/or severed (by roads, dikes, drained soils, etc) from a few historically connected wetlands that may no longer exist. Soil map may show hydric soil extending somewhat beyond current wetland boundary.	0	1	0	0	0	0	1	1	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 0	0	0	0 0
124		much smaller (<50% of the original size) and/or extensively severed (by roads, dikes, drained soils) from many historically connected wetlands that may no longer exist. Soil map may show hydric soil extending far beyond current wetland boundary.	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
125		larger (due to damming of stream or runoff, excavation, removal of obstructions, irrigation, etc. that flooded soils which probably were not mapped as "hydric") or has been connected to wetlands from which it existed in isolation just prior to settlement.	0	0	0	0	0	0	0	0	0	0	0	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	1 0
126		no wetland was present at this location originally (none of the AA is mapped even as partially-hydric soil; the entire AA apparently resulted from impoundment, excavation, or regrading of upland non-hydric soils)	0	0 (0	0	0	0	0	0	0	0	0	1	0	1	1 1	1	1	1	0	0	0	0	0 0	0	1	1	1	0	0	1	0	0	1	0	0 0	0	0	0 1
D25	Special Conservation Designations of the Wetland or Local Area	According to the Oregon Explorer web site or other sources noted below:																																						
128		a) the AA is within or is connected to (at least seasonally) a stream or other water body within 0.5 mile that has been designated as Essential Indigenous Anadromous Salmonid Habitat (ESH)	0	0 (0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0 0
129		b) the AA is within or contiguous to a Special Protected Area managed by a conservation group or designated as specially protected for conservation by a state or federal resource agency, as indicated online at http://oregonexplorer.info/wetlands/orwap/ .	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0 0
130		c) the AA is within or contiguous to a Wetland Priority Area as determined by ODFW and ORNHIC, and indicated online at http://oregonexplorer.info/wetlands/orwap/	0	0 (0	0	0	0	0	0	0	0	0	0	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
131		d) the AA is within an IBA (Important Bird Area, as officially designated in the IBA worksheet, and/or the web site given 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
132	1	NONE of above			1	1	1				T						1 1	1	1	1	T	1			1 1	1	1										0 0	1		1 1

A	В	С	AT A	AU A	AV A	W AX	AY	AZ	Z BA	BB	B B(C B	D BE	BF	BG	ВН	BI	BJ	BK	BL 1	BM	BN	BO B	P BQ	BR	BS	BT B	U I	BV E	BW B	X BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH C	I CJ
1		Assessment Area	43а-е	44 4	45 4	6 47	48	49	50a-c	51	52	2 5	3 54	55	56	57	58	59	60	61	62	63	64 6	5 66	67	68	69 7	0 7	1a-b	72 7	'3 74a-	-c 75	76	77	78	79	80	81	82	83 84	4 85
D26	Non-anadromous Fish Species of Conservation Concern	According to the Oregon Explorer web site, the score for occurrences of rare non-anadromous fish species in the vicinity of this wetland is:	-																																						
134		high (\geq 0.75 for maximum score, or \geq 0.90 for score sum), or there is a recent (within 5 yrs) onsite observation of any of these species by a qualified observer under conditions similar to what now occur	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	0	0 (0 0	0	0	0	0	0	0	0	0	0 0	0
135		intermediate (i.e., not as described above or below)	1	1	1	1 1	1	1	1	1	1	1	1 1	1	1	1	1	1	1	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
136		low (≤ 0.33 for both the maximum score this group's score sum, but not 0 for both)	0	0	0	0 0	0	0	0	0	0) 0	0	0	0	0	0	0	0	0	0	0	0 (0	0	0	0	0	0	0 (0 0	0	0	0	0	0	0	0	0	0 0	0
137		zero for both this group's maximum and its sum score, and no recent onsite observation of these species by a qualified observer under conditions similar to what now occur	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	0	0 (0 0	0	0	0	0	0	0	0	0	0 0	1
D27	Invertebrate Species of Conservation Concern	According to the Oregon Explorer web site, the score for occurrences of rare invertebrate species in the vicinity of this wetland is:																																							
139		high (≥ 0.75 for maximum score, or for this group's score sum), or there is a recent onsite observation of any of these species by a qualified observer under conditions similar to what now occur	0	U	U	0 0	0	0	0	0	0	0	0	0	0	U	U	U	0	U	U	0	U (0	0	0	U	0	0	0 (0 0	0	0	0	0	0	0	0	0	0 0	0
140		low (< 0.75 for maximum score AND for this group's score sum, but not 0 for both)	0	0	0	0 0	0	0	0	0	0) (0	0	0	0	0	0	0	0	0	0	0 (0	0	0	0	0	0	0 (0 0	0	0	0	0	0	0	0	0	0 0	0
141		zero for both this group's maximum and its sum score, and no recent onsite observation of these species by a qualified observer under conditions similar to what now occur	1	1	1	1 1	1	1	1	1	1	1	1 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1 1	1 1	1	1	1	1	1	1	1	1	1 1	1
D28	Amphibian or Reptile of Conservation Concern	According to the Oregon Explorer web site, the score for occurrences of rare amphibian or reptile species in the vicinity of this wetland is:																																			_				
143		high (\geq 0.60 for maximum score, or >0.90 for score sum), or there is a recent onsite observation of any of these species by a qualified observer under conditions similar to what now occur		0	0	0 0	0	0	0	0	0		0 0	0	0	0	0	0	0	0	0	0	0 () 0	0	0	0	0	0	0 (0 0	0	0	0	0	0	0	0	0	0 0	0
144		intermediate (i.e., not as described above or below)	0	0	0 (0 0	0	0	0	0	0) (0	0	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
145		low (≤ 0.21 for maximum score AND <0.15 for score sum, but not 0 for both)	0	0	0	0 0	0	0	0	0	0) (0	0	0	0	0	0	0	0	0	0	0 (0	0	0	0	0	0	0 (0 0	0	0	0	0	0	0	0	0	0 0	0
146		zero for both this group's maximum and its sum score, and no recent onsite observation of these species by a qualified observer under conditions similar to what now occur	1	1	1	1 1	1	1	1	1	1	1	1 1	1	1	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
D29	Nesting Waterbird Species of Conservation Concern	According to the Oregon Explorer web site, the score for occurrences of rare nesting waterbird species in the vicinity of this wetland is:																																							
148		high (≥ 0.60 for maximum score, or ≥1.00 for this group's score sum), or there is a recent onsite observation of any of these species by a qualified observer under conditions similar to what now occur	0	0	0	0 0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0 (0	0	0	0	0	0	0 (0 0	0	0	0	0	0	0	0	0	0 0	0
149		intermediate (i.e., not as described above or below)	0	0	0 (0 0	0	0	0	0	0) (0	0	0	0	0	0	0	0	0	0	0 (0	0	0	0	0	0	0 (0 0	0	0	0	0	0	0	0	0	0 0	0
150		low (≤ 0.09 for maximum score and for score sum, but not 0 for both)	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0	0	0	0	0	0	0 (0 0	0	0	0	0	0	0	0	0	0 0	0
151		zero for both this group's maximum and its sum score, and no recent onsite observation of these species by a qualified observer under conditions similar to what now occur	1	1	1	1 1	1	1	1	1	1	1	1 1	1	1	1	1	1	1	1	1	1	1	1 1	1	1	1	1	1	1 1	1 1	1	1	1	1	1	1	1	1	1 1	1
D30	Non-breeding (Feeding) Waterbird Species of Conservation Concern	According to the Oregon Explorer web site, the score for occurrences of rare non-breeding (feeding) waterbird species in the vicinity of this wetland is:																																		^					
153		high (≥ 0.33 for maximum score, or there is a recent onsite observation of any of these species by a qualified observer under conditions similar to what now occur						0	0	0	0		0 0	0	0								0 (0	0	0 (0 0	0			0		0	0	0	0 0	0
154		low (< 0.33 for maximum score and for score sum, but not 0 for both)	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0	0	0	0	0	0	0 (0 0	0	0	0	0	0	0	0	0	0 (0

A	В	С	AT	AU A	AV AV	W AX	AY	AZ	BA	BB	BC	BD	BE I	BF B	G B	H BI	BJ	BK	BL	BM	BN E	BO BI	P Bo	Q BR	BS	BT	BU :	BV	BW 1	BX B	Y B2	Z C.	A CB	CC	CD	CE	CF	CG (CH C	í CJ
1		Assessment Area	43a-e	44	45 46	47	48	49	50a-c	51	52	53	54	55 56	6 57	7 58	59	60	61	62	63 6	64 65	5 66	6 67	68	69	70 7	'1a-b	72	73 748	a-c 75	5 70	6 77	78	79	80	81	82	83 84	85
Ħ		zero for both this group's maximum and its sum score, and		1	1 1	1	1	1	1	1	1	1	1	1 1	1	1 1	1	1	1	1	1	1 1	1	1 1	1	1	1	1	1	1 1	1 1	1	1	1	1	1	1	1	1 1	1
		no recent onsite observation of these species by a qualified observer under conditions similar to what now	_																																					
155		occur																																						
D31	Songbird, Raptor, or Mammal Species of Conservation Concern	According to the Oregon Explorer web site, the score for occurrences of rare songbird, raptor, or mammal species	_																																	1	ı			
156	or conservation concern	in the vicinity of this wetland is:	_																																	1	ı			
		high (≥ 0.60 for maximum score, or >xx for score sum), or there is a recent onsite observation of any of these 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
		by a qualified observer under conditions similar to what	5																																	1	ı			
157		now occur	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
158		intermediate (i.e., not as described above or below)	0	0	0 0	U	U	0	0	U	U	U	U	0 0	, ,	0	0	0	U	U	U	0 0		, 0	0	0	U	0	0	0 () 0) 0	U	U	U		0	0 0	U
159		low (≤ 0.09 for maximum score AND <xx 0="" both)<="" but="" for="" not="" score="" sum,="" td=""><td>1</td><td>1</td><td>1 1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1 1</td><td>1</td><td>1 1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1 1</td><td>1</td><td>1 1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>0 (</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0 0</td><td>0</td></xx>	1	1	1 1	1	1	1	1	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	0
137		zero for both this group's maximum and its sum score, and	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	1 1	1 1	1	1	1	1	1	1	1	1 1	1
		no recent onsite observation of these species by a qualified observer under conditions similar to what now																																						
160		occur																																						
D32	Plant Species of Conservation Concern	According to the Oregon Explorer web site, the score for occurrences of rare plant species in the vicinity of this											T																T							ıŢ	ıΤ	T		
161		wetland is:																																						
		high (≥ 0.75 for maximum score, or > 4.00 for score sum), or there is a recent onsite observation of any of these	, 0	0	0 0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0 0) 0	0	0	0	0	0	0	0 (0	0	0	0	0	0	0	0	0 0	0
		species by a qualified observer under conditions similar to	1																																	1	1			
162		what now occur	0	0	0 0	0			0	0		0	0	0 0			1	0	0			0 0				0			0	0 (,							_	0 0	
163		intermediate (i.e., not as described above or below) low (≤ 0.12 for maximum score AND < 0.20 for score	0	0	0 0	Ů	0	0	0	0	0	0		0 0				0			0	0 0		0 0		0			-	0 0		0	<u> </u>		0	0		0	0 0	
164		sum, but not 0 for both)		Ů	0 0	Ů	Ů	Ů	Ů	Ů	Ů	Ů	Ů	Ů,		Ů	Ů	Ů	Ů	Ů	Ů	Ů	Ů	,	Ů	Ů	Ů		<u> </u>		, ,	,	,	Ů	Ů	لٽــا	لـــّــا		ŭ ŭ	
		zero for both this group's maximum and its sum score, and no recent onsite observation of these species by a	d 1	1	1 1	1	1	1	1	1	1	1	1	1 1	1	1 1	1	1	1	1	1	1 1	1	1	1	1	1	1	1	1 1	1 1	1	1	1	1	1	1	1	1 1	1
		qualified observer under conditions similar to what now																																						
165 166 D33	Floodable Property	occur According to the Oregon Explorer web site:																					+															4		
100	Troodable Property	The AA is tidal, or is either (a) not within a 100-yr	0	0	0 0	0	0	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
		floodplain of a river, or (b) there are no inhabited buildings or cropland within 2 miles downslope that are within the																																		1	ı			
		100-yr floodplain. Mark "1" then SKIP TO D35.																																		1	1			
167		Inhabited buildings within 1 mile downslope from the AA	0	1	1 1	1	1	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	1	1	1	1	1	1	1	0 0	0
168		also are within the 100-yr floodplain	ŭ	·			<u> </u>		·	·																									·					
		Croplands but no inhabited buildings are within 1 mile downslope from the AA, and that cropland is also within	0	0	0 0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0 0		0	0	0	0	0	0	0 0	0		0	0	0	0	0	0	0 0	0
169		the 100-yr floodplain					<u> </u>																					_						4_		ш	\vdash			
		Inhabited buildings within 1-2 miles downslope from the AA are also are within the 100-yr floodplain	1	0	υ 0	0	0	0	0	0	0	0	0	1 1	1	1	1	1	1	1	0	0 1	1	1	1	1	0	0	0		1	C	0	0	0	0	0	0	1 1	1
170					\perp																															Ш	\sqcup			
		Croplands but no inhabited buildings are within 1-2 miles downslope from the AA, and that cropland is also within	0	0	0 0	0	0	0	0	0	0	0	0	0 0) 0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0 0) 0		0	0	0	0	0	0	0 0	0
171		the 100-yr floodplain	_				1	1							\perp	. .	1								1						\perp	\perp		1_		\sqcup	\sqcup			
		No floodplain data are available, and damage from river floods has not occurred within 2 miles downgradient. Mark	0 k	0	0 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
172		"1" then SKIP to D35.	_		\perp											\perp						\perp	\perp		\perp					\perp		\perp	\perp			Ш	\sqcup			$\perp \perp \mid$
173	Downslope Storage	Between the AA and any floodable buildings or cropland located within 2 miles downslope:																																						
П		river flow is regulated and there are many detention ponds	5 1	1	1 1	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
174		and wetlands capable of storing water. river flow is regulated or there are many detention ponds	0	0	0 0	0	0	0	0	0	0	0	0	0 0) 0	0 0	0	0	0	0	0	0 0) 0	0 0	0	0	0	0	0	0 () ^	0) 0	0	0	0	0	0	0 0	0
175		and wetlands capable of storing water.	0						0	0	J	Ü							J	Ü						<u> </u>	3	<u> </u>	Ü					0	0					J
176 D35	Wetland Relative Elevation in	NONE of the above According to Oregon Explorer map showing this AA's	0	0	0 0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0 (0	0	0	0	0	0	0	0	0 0	0
D35	Watershed	position within its HUC4 watershed, the AA is [see Manual	ı																																		i			
177		for specific guidance]:	_			1	_							0			1	4	1	1		0 0	1		1		0		0		<u>, , </u>	1	, , ,	1					0 0	
178 179		in the upper one-third of its watershed in the middle one-third of its watershed	1	0	1 1	0	1	0	0	1	1	1	1	1 0		0 0		0			1	0 0 1 1		0 1	1	1	1	1		0 (_		0	1	0	1	0 0	1

	A B	С	AT	AU A	V AW	V AX	AY	ΑZ	BA	BB	BC	BD	BE B	F BG	ВН	BI	BJ	BK	BL E	BM B	BN 1	BO BI	BQ	BR	BS B	ΓBU	BV	BW	BX B	Y B	Z CA	CB	CC	CD	CE	CF	CG C	H CI	CJ
		Assessment Area	43а-е	44 45	46	47	48	49	50a-c	51	52	53	54 5	56	57	58	59	60	61	62 6	63	64 65	66	67	68 69	70	71a-b	72	73 748	a-c 75	76	77	78	79	80	81	82 83	3 84	85
180		in the lower one-third of its watershed, or is included in a 100-yr floodplain, or is closer than about 2 miles from a channel known to be wider than 50 ft (stream order 4 or larger).	-	0 0	0	0	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	1	0	0	0 0	0	0
181	O36 Contributing Area (CA) Percent	The area of the wetland (and of any lake or pond of which this AA is a part), relative to its contributing area (CA) as defined using procedures in the Manual, is:	W	w v	/ W	/ W	W	W	W	W	W	W	w v	/ W	W	W	W	W	w۱	w v	۷	WW	/ W	W	w	/ W	W	W	W V	V V	/ W	W	W	W	W	w	WV	/ W	W
182		<1% of its CA, or most of the wetland is tidal, or water drawn from other surface water bodies (e.g., flood irrigation) is main source of water	1	1 1	1	1	1	1	1	1	1	1	1 1	1	1	1	1	1	1	1	1	1 1	1	1	1 1	1	1	1	1 1	1 1	1	1	1	1	1	1	1 1	1	1
183		1 to 10% of its CA 10 to 100% of its CA	0	0 0	0	0	0	0	0	0	0	0	0 (0	0	0	0	0	0	0 (0	0 0	0	0	0 0	0	0	0	0 () 0	0	0	0	0	0	0	0 0	0	0
185		Larger than the area of its CA (wetland has essentially no CA, e.g., isolated by dikes with no input channels, or is in terrain so flat that a CA can't be delineated). SKIP TO D40.		0 0	0	0	0	0	0	0	0	0	0 (0	0	0	0	0	0	0		0 0	0	0	0 0	0	0	0	0 (0	0	0	0	0	0	0	0 0		0
186	037 Unvegetated Surface in the Contributing Area	The proportion of the CA comprised of buildings, roads, parking lots, other pavement, exposed bedrock, and other impervious surface is about :	W	WW	/ W	/ W	W	W	W	W	W	W	W V	/ W	W	W	W	W	W۱	W V	۷V	WW	/ W	W	WW	/ W	W	W	W V	v v	/ W	' W	W	W	W	W	N N	/ W	W
187		>25% 10 to 25%	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	0	0	0 0	0	0
189		<10%, or wetland is tidal	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	1	0 () 0	0	0	0	0	0	0	0 0	0	0
190	Upslope Storage	The cumulative area of other wetlands, detention ponds, and reservoirs in the same CA is:	W	w v	/ W	/ W	W	W	W	W	W	W	w v	/ W	W	W	W	W	WŪ	W V	WŪ	w v	/ W	W	$W \overline{V}$	/ W	W	W	W V	VV	/ W	/ W	W	W	W	W	WV	√ W	W
191		Much (>10x) greater than the area of this wetland (plus any contiguous pond or lake), or inflow is strongly regulated by dams etc.	1	1 1	1	1	1	1	1	1	1	1	1 1	1	1	1	1	1	1	1	1	1 1	1	1	1 1	1	1	1	1 1	1 1	1	1	1	1	1	1	1 1	1	1
192		Somewhat greater than the area of this wetland (plus any contiguous pond or lake) and flows to wetland are not strongly regulated	0	0 0	0	0	0	0	0	0	0	0	0 (0	0	0	0	0	0	0 (0	0 0	0	0	0 0	0	0	0	0 (0	0	0	0	0	0	0	0 0	0	0
193		Less than the area of this wetland (plus any contiguous pond or lake), or wetland is tidal, or no upslope wetlands/ ponds, and no inflow regulation	0	0 0	0	0	0	0	0	0	0	0	0 (0	0	0	0	0	0	0 (0	0 0	0	0	0 0	0	0	0	0 (0	0	0	0	0	0	0	0 0	0	0
	739 Transport From Upslope	A relatively large proportion of the precipitation that falls farther upslope in the CA reaches this wetland quickly as runoff (surface water) , as indicated by the following: (a) input channel is present, (b) CA slopes are steep, (c) input channels have been straightened, (d) upslope wetlands have been ditched extensively, (e) land cover is mostly non-forest, and/or (f) most CA soils are shallow and/or have high runoff coefficients). This statement is:	W	WW	/ W	/ W	W	W	W	W	W	W	W V	/ W	W	W	W	W	W	WV	W	WW	/ W	W	WW	/ W	W	W	W V	V	/ W	W	W	W	W	W	N W	/ W	W
194		Mostly true	0	0 0	0	0	0	0	n	n	n	0	0 (0	0	0	0	0	0	0 1	0	0 0	0	0	0 0	0	0	0	0 () (0	<u> </u>	0	n	0	0	0 (1 0	- 0
196		Somewhat true	1	1 1	1	1	1	1	1	1	1	1	1 1	1	1	1	1	1	1	1	1	1 1	1	1	1 1	1	1	1	1 1	1 1	1	1	1	1	1	1	1 1	1	1
197	MO Known Water Quality Issues in the Innut	Mostly untrue, or wetland is tidal Within 1 mile upstream from the wetland, at least one of	0				0	0	0	0	0	0	0 (0	0		0	0					0	0	0 0		0	0	0 (0		0	0	0	0	0	0 0	,	0
198	Water	the major sources of surface water to this wetland (at least seasonally) has been designated as Water Quality Limited (303d) for at least one of the parameters below. Obtain from web site only — do not guess. Select all that apply.	VV	VV VI	/ w	/ W	VV	VV	VV	VV	VV	VV	vv v	/ W	VV	VV	VV	W	W \	vv v	W Y	W W	/ w	VV	VV V	/ W	VV	W	VV V	V V	/ VV	W	VV	VV	W	VV \	W N	/ w	VV
100		total suspended solids (TSS), sedimentation, or turbidity	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	1	0 (0	0	0	0	0	0	0	0 0	0	0
200		phosphorus	0	0 0	0	0	0	0	0	0	0	0	0 (0	0	0	0	0	0	0 (0	0 0	0	0	0 0	0	0	0	0 () (0	0	0	0	0	0	0 0	0	0
201		nitrate or ammonia 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	0	0 () 0	0	0	0	0	0	0	0 0		0
202		etc.)	Ű	J 0	J v	U	U	U	J	U	Ű	U	J (U	U	U	U	Ű	Ü	,							U	Ű	0 (, u	0	U	U U	U	Ü	3	<u> </u>	U	
203		temperature None of above, or degraded water cannot reach wetland, 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	Ť	0	0 0	_	1	0	0 (0	0	0	0	0	0	0	0 0	0	0
205	MA1 Known Water Quality Issues Below the AA	Within 1 mile downstream or downslope from this wetland, there is at least one stream or other water body that has been designated as Water Quality Limited (303d) for at least one of the parameters below. Obtain from web site only do not guess. Select all that apply.	W	w M	/ W	/ W	W	W	W	W	W	W	W	/ W	W	W	W	W	W	WV	W	WW	/ W	W	W	/ W	W	W	WV	V V	/ W	W	W	W	W	W	N N	/ W	W
206		total suspended solids (TSS), sedimentation, or turbidity	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	1	0 (0	0	0	0	0	0	0	0 0	0	0

Α	В	С	AT	AU A	V A	W AX	AY	AZ	BA	BB	BC	BD	BE B	F BG	ВН	BI I	BJ BK	BL	BM	BN BO	BP	BQ	BR	BS B	T BU	BV	BW	BX B	Y BZ	Z CA	СВ	CC	CD C	E CF	CG	CH CI CJ
		Assessment Area	43а-е	44 4	5 40	6 47	48	49	50a-c	51	52	53	54 5	5 56	57	58 5	9 60	61	62	63 64	65	66	67	68 6	9 70	71a-b	72	73 748	a-c 75	76	77	78	79 8	0 81	82	83 84 85
207	<u> </u>	phosphorus Assessment 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
208		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 (0	0	0	0	0 (0 0	0	0 0 0
200		toxioo atoxim mout y motalo (mon manganoso noda zmo)	0	0 (0 0	0	0	0	0	0	0	0	0 (0	0	0	0 0	0	0	0 0	0	0	0	0 (0	0	0	0 (0	0	0	0	0 (0 0	0	0 0 0
209		etc.) 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	0	1	0 () 1	1	1	1	1 1	1 1	1	1 1 1
211		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 1	1	1	1	1	1	1	0	1 1	0	0	0	0	0 (0 0	0	0 0 0
D42	Type of Outflow Connection to 303d	At least part of the AA is connected to the downstream																																		
212		303d water mentioned above: for 9 or more continuous months annually (persistent water	1	1 1	1 1	1	1	0	0	0	1	1	1 1	1	1	1	1 1	1	1	1 0	0	0	0	0 () 0	0	0	0 () 0	1	1	0	1 1	1 1	1	1 1 0
213		in a stream, ditch, lake, or other water body)					'	ľ							'		. .												, I ,	•						
		· · · · · · · · · · · · · · · · · · ·	0	0 0	0 0	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
214		months continually) Not connected, or connected less than annually	0	0 0	1 () 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) 1	0	0	1	0 (0 0	0	0 0 0
D43	Drinking Water Source (DEQ)	According to the ODEQ Lasar database, the AA is within:	-			, , ,			'		Ů	Ů		, T •	ľ			T .	0	0 0	1	Ť			, °	1	"		,	0	T T	•	0 0	0	0	
216																																				
217		the source area for a surface-water (SW) drinking water 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	0 (0	0	0	0	0 (0 0	0	0 0 0
<u>~1/</u>		the source area for a groundwater (GW) 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	1	0 () 0	1	0	0	0 (0 0	0	0 0 0
218		source	7	1		1			-1	1	4	1	1	1	-1	1			1	1 1	4	1	4	1			0	1		^	4	1	1	1 4	4	1 1
219 220 D44	Groundwater Risk Designations	Neither of above The AA is (select all that apply):																				1					0			0					T	
	,	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	0	0	0 () 0	0	0	0	0 0	0 0	0	0 0 0
		(ODEQ):					1																													
221		http://www.deq.state.or.us/WQ/groundwater/docs/mapgwmas.pdf																																		
		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	0	0	0 () 0	0	0	0	0 0	0 0	0	0 0 0
222		North Florence Dunal Aquifer	1	1 1	1 1	1	1	1	1	1	1	1	1 1	1	1	1	1 1	1	1	1 1	1	1	1	1 .	1 1	1	1	1 1	1	1	1	1	1 1	1 1	1	1 1 1
	Mean Annual Precipitation	NONE of above According to the PRISM Data Explorer, annual	1					1			1						1 1				1	'	'	1							ı		1	1	1	
224		precipitation in the vicinity has normally been:																																		
225 226		<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	0	0	0 (0	0	0	0	0 (0 0	0	0 0 0
226		10-12 inches per year 13-19 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 0		0	0 () 0	0	0	0	0 (0 0	0	0 0 0
227 228 229		20-47 inches per 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 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 (0 0	0	0	0 () 0	0	0	0	0 (0 0	0	0 0 0
	County Rank for Phosphorus Loading	>77 inches per year The phosphorus loading rank of the county in which the	U	0 () (, 0	1	10	U	0	U	-	0 0) 0	0	U	0	10	U	0 0	10	0	U	0 () 0	1 0	0	0 () 0	0	0	0	0 (0 0	U	0 0 0
		AA is located is: (select one); see Table 6 in WQprob																																		
231		worksheet) top 4 in Oregon (Marion, Malheur, Umatilla, 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	0	0	0	0 (0 0	0	0 0 0
232 233 234				<u> </u>	0 (0	0	0	0	0	v	-	0	-		0 0	_	0	0 0	<u> </u>	0		-) 0		0	0 (Ŭ	~ -	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	1	1	1	1 1	1	1	1	1	1 1	1 1	1	1 1 1
235	0 + D + C NII + I	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	0 () 0	0	0	0	0 (0 0	0	0 0 0
D47	County Rank for Nitrogen Loading	The nitrogen loading rank of the county in which the AA is located is: (select one; see Table 7 in WQprob worksheet)																																		
236		<u> </u>					1										\perp								\perp											
237		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
236 237 238 239 240		top 18 (see Table 7 in WQprob worksheet) bottom 18 (see Table 7 in WQprob worksheet)	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	1	1		1	1	1 1	1	1	1	1	1 1	1 1	1	1 1 1
		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	0 () 0	0	0	0	0 (0 0	0	0 0 0
241 D48	Estuarine Position	The AA's relative position in the estuary is (SKIP if nontidal):																																		
241		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	0	0 () 0	0	0	0	0 (0 0	0	0 0
		of a major river; includes most saline tidal wetlands)		. `																"																
242 243		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	0	0	0	0 (0 0	0	
243		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
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 (SKIP if nontidal):																																		
246		>30 parts per thousand (undiluted seawater)	0) 0	0		0	0	0) 0			0 0		0	0	_	0			0			0 (0	0	0 (0	0 0
247 248	-	5-30 ppt (mesohaline, polyhaline) 0.5 - 5 ppt (oligohaline)	0		0 C	0 0	0	0	0	0	0	0	• •	0 0		_ <u> </u>	0 0		0	0		0	_		0 0		0	0 (, ,		0	0	0 0	0 0	0	0 0
248	-	<.5 ppt (digonaline) <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
		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	0 () 0	0	0	0	0 (0 0	0	0 0
250		web site or from other sources					1																													

	Α	В	С	CK	CL	CM	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	DM
1			Assessment 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	114
2	D1	-	The AA is all or part of a mitigation site used explicitly to offset impacts elsewhere (0= no, 1= yes)	0	0	0	0	0	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		(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	0	0
4	D2		The AA is part of or contiguous to a wetland on which public or private organizational funds were spent to preserve, create, restore, or enhance habitat mainly as part of a voluntary effort not used explicitly to offset impacts elsewhere (0= no, 1= yes)	0	0	0	0	0	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	D.0		(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	0	0
6	D3		This AA (a) is not along (or in the bienniel floodplain of) a large stream or river where riparian woodlands would be typical and (b) had a presettlement vegetation class not dominated by trees as indicated by the Oregon Explorer web site Enter 1 if both are true, 0= if not.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7			Draw a circle of radius of 2 miles centered on the AA. Do paved public roads completely encircle the AA? (0= no, 1= yes)	ı	1					ı	I	0	0	0	0		0	0			0	0	0	0	0	1	0	I		0	0	0
8	D5	,	The distance from the center of the AA to the nearest road with an average daytime traffic rate of at least 1 vehicle/ minute is:																													
9		'	>1 mile	0	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
10			0.5- 1 mile 1000-2600 ft	0	0	0	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	1	0
11			1000-2600 It 500-1000 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
12 13			100-500 ft	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
14			<100 ft	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
15	D6	Forest Landscape Extent	Draw a circle of radius of 2 miles centered on the AA. Including the AA itself, the cumulative amount of forest (regardless of patch sizes) is:																													
16			<5% of the circle	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17			5 to 20% 20 to 50%	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
18			50 to 80%	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0
19 20			>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
21	D7	Forest Tract Proximity	The minimum distance from the AA edge to the closest forested tract or corridor larger than 100 acres is:																													
		!	<100 ft, or contiguous and not separated from the AA by	0	1	1	1	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	0	0	0	1	1	1	1
22			impervious surface, open water, bare dirt, or lawn 100-300 ft; or <100 ft but separated by impervious surface, open water, bare dirt, or lawn	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 24 25			·	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0
25			>1000 ft	1	0	0	0	1	1	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
26	D8		The largest patch or corridor that is forested and is either within the AA, or begins within the AA, or begins within 0.5 mile of the AA edge, and then extends outward occupies:																													
27			<1 acre of forest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 28 29 30			1-10 acres 10-100 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
30			100-1000 acres	0	0	1	1	1	1	0	1	1	0	0	0	1	1	1	1	1	1	0	0	0	0	1	0	0	1	1	0	0
31			>1000 acres	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	1	0	0	1	1
32	D9	Natural Land Cover Extent	Within a 2-mile radius measured from the center of the AA, the percent of the land that has <i>natural land cover</i> is:																													
33			<5% of the land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 34 35 36 37			5 to 20% of the land 20 to 60% of the land	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
36			60 to 90% of the land	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
			>90% of the land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	D10	3.	Within a 2-mile radius measured from the center of the AA, the percent of the area that is not "natural land cover" or water is mostly:				•																									
39			impervious surface, e.g., paved road, parking lot, building, exposed rock	0	0	T	0	I	T	T		1	1	1		I	1	1	1	1	1	1	0	0	0	1	1	0	0	0	0	0
40			bare pervious surface, e.g., dirt or gravel road, plowed fields, dunes, recent clearcut or landslide	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	0	0	0	0

A	В	С	CK	CL	CM	CN	СО	CP	CQ	CR	CS	CT	CU	CV	CW	CX	CY	CZ	DA	DB	DC	DD	DE	DF	DG	DH	DI	DJ	DK	DL	DM
1		Assessment 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	114
41		cultivated row crops, orchard, tree plantations	0	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
42		artificially landscaped areas or lawn	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		grassland grazed or mowed to a height usually shorter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43		than 4 inches																										ш	ш		
44		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
1		(none of above; land cover is >90% natural land 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
45 D11	Description to the Make and Learning Course	The maining and all the second to the second	-		-	-					-																	$\vdash\vdash$	$\vdash \vdash$		
ווע	Proximity to Natural Land Cover	The minimum distance from the AA edge to the closest tract or corridor of natural (not necessarily native) land																										, 1	ıl		. /
		cover larger than 100 acres and not interrupted by roads																										, 1	ıl		. /
		or other gaps of disturbed land wider than 100 ft, is:																										, 1	ıl		. /
46		3.7.																										, 1	ıl		. /
		<100 ft, or the AA contains >100 acres of vegetation, or	1	1	1	1	0	0	0	1	1	1	1	1	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
		>100 acres of natural land cover is contiguous to the AA																													
		(not separated by impervious surface or wide (>50 ft)																													
47		stretches of open water, bare ground, or lawn)																													
47		100 ft, but congrated from the westland by importants	0	0	0	0	0	0	0	0	0	0	0	0	0	Λ	0	0	0	0	0	0	0	0	0		0	0		0	0
1		<100 ft, but separated from the wetland by impervious surface or wide (>50 ft) stretches of open water, bare	0	0	0	0	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
48		ground, or lawn				1																				'		, ,			
П		100-300 ft; and not separated from the wetland by	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		impervious surface or wide (>50 ft) stretches of open				1																				'		, ,			
49		water, bare ground, or lawn																								↓ '		igsquare	igsquare		
		100-300 ft, but separated from the wetland by impervious	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
50		surface or wide (>50 ft) stretches of open water, bare																										, 1	ıl		
50		ground, or lawn > 300 ft	0	0	0	0	1	1	1	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
	Size of Largest Nearby Tract or Corridor	The largest patch or corridor that is natural land cover	U	U	U	1 0	-	- 1	- 1	U	U	U	U	U	- 1	U	U	-	-	U	U	U	U	U	U	-	U	U	-	U	-0
D12	of Natural Land Cover	and is either (a) entirely within the AA, or (b) begins within																										, 1	ıl		
	or ridiarar Edina Govor	the AA, or (c) begins within 0.5 mile of the AA edge, and																										, 1	ıl		
		then extends outward occupies:																										, 1	ıl		.
52		·																													
53 54 55 56 57		<1 acre	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54		1-10 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
55		10-100 acres 100-1000 acres	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
57		>100-1000 acres	1	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
D13	Local Wetland Uniqueness	Within 0.5 mile of the center of the AA, the AA and	- '	'	U	+ -	T .	0	U	-	T .	-	U	0	0	-	0	-	U	U	-	'	-	'	0		U	0		U	
D 10	Edda Welland Oniqueness	vegetation of the same form that is contiguous to it																										, 1	ıl		.
58		together provide (select all that apply):																										, 1	ıl		.
		the largest patch of currently ungrazed, unmowed, and	0	1	0	1	0	0	0	1	1	0	1	0	0	1	0	0	0	1	0	1	1	1	0	0	1	0	0	0	0
59		unshaded herbaceous vegetation																										ш	ш		
		the largest patch of unshaded shrubland (excluding	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	1	1	0	0	0	0	0	0	0
60		plantations)	_	_		_		_	•					_	_			_		0	_	0	0			<u> </u>					
61		the largest patch of deciduous or evergreen trees	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62		(excluding plantations) NONE of above	1	0	1	0	1	1	1	0	0	1	0	1	1	0	1	1	1	0	1	0	0	0	1	1	0	1	1	1	1
D14	Cropland & Wetland in Landscape	Draw a circle of radius of 2 miles centered on the AA. The		Ť		,				Ť	Ť		Ť			Ť				Ü		Ť	Ť	Ť			Ť				
		amount of cropland, airport, golf course, and /or																								'		, ,			
63		herbaceous wetland (including this one) is:		L	L							L	╚			<u> </u>		L				L				L_ '			▃ᅵ		
64		<5% of the land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64 65 66 67		5 to 20%	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
66		20 to 50%	0		0	_	0	1	1	1	1		0	0	0	0	0	0		0	0	0	0	0	0		0	0		0	0
68		50 to 80% >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
D15	Proximity to Cropland-Wetland	The distance from the AA edge to the closest tract of	U	U	1	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	"	U	U	<u> </u>	U	U
D13	Towning to Gropianu-Wenanu	cropland, airport, golf course, and /or herbaceous wetland				1																				'		, ,			
69		(including this one) larger than 1 acre is:																								'		, ,			
		<100 ft, or the AA contains >1 acre of such cover, or is	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
70		contiguous to >1 acre of such cover																													
71		100 to 300 ft	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
70 71 72 73		300 to 1000 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
	Dandad Water in L.	>1000 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
D16	Ponded Water in Landscape	Draw a circle of radius of 2 miles centered on the AA.																								'		, ,			
		Including water ponded in the AA itself or in a fringing water body, the amount of non-tidal water that is ponded				1																				'		, 1			
74		during most of the year is:				1																				'		, ,			
		aamig most of the jour is.		1	1	1	1	1		i										1	ı	1									,

75 76 77 78		·																CZ	DA	DB		DD	DE	DF	DG	DH	DI				DM
76 77			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	114
76 77		Assessment Area		1	1	-1	1	- 1	1			-1	- 1		-			-		1	1			1				- 1			
76 77		<5% of the circle, located in 5 or fewer ponds or lakes	1	1	1	1	1	1	1	- 1	1	1	- 1	-1	1	1	- 1	1	1	1	- 1	1	1	1	1	1	1	1	1	1	1
77		<5% of the circle, located in >5 ponds or lakes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
78		5 to 30%, located in 10 or fewer ponds or lakes	0	0	0	0	0	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		5 to 30%, located in >10 ponds or lakes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79		>30%, located in 15 or fewer ponds or lakes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80 D17	Dandad Water Provincity	>30%, located in >15 ponds or lakes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
וועו	Ponded Water Proximity	The minimum distance from the AA to the closest non-tidal wetland, pond, or lake that is larger than 1 acre, is																													
		ponded most of the year, and is not part of the same																													
81		associated wetland, pond, or lake, is:																													- /
82		<300 ft, and connected with a natural land corridor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83		<300 ft, but no uninterrupted natural land corridor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		300-1000 ft, and connected with a natural land corridor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
84		300-1000 ft, but no uninterrupted natural land corridor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85		1900-1900 II, but no uninterrupteu natural fanu comidol	U	U	U	U	U	U	U	U	"	"	U	U	"	"	U	"	"	U	U	"	"	"	"	"	U	U	١	U	U
86		>1000 ft, and connected with a natural land corridor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87		>1000 ft, but no uninterrupted natural land corridor	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D18	Large Ponded Water Proximity	The distance from the AA edge to the closest (but																													
		separate) non-tidal body of water that is ponded during																													1
88		most of the year and is larger than 20 acres (about 1000 ft on a side) is:																													- 1
89		<1 mile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90 91		1-5 miles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	0	0	0	0	0	0
		>5 miles	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	1	1	1	1
D19	Tidal Proximity	The distance from the AA edge to the closest tidal body of																													
92		water is:				_			0	_		_			_	_	0						_								
93		<1 mile 1-5 miles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
92 93 94 95		>5 miles	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Upslope Soil Erodibility Risk	Using the Web Soil Survey procedure described in the																													
		ORWAP manual, the rating of the soil map unit which																													- /
		occupies the largest percentage of the zone 200 ft uphill																													
96		from the AA is:				_					<u> </u>																				
97		very severe severe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99		moderate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98 99 100 101		slight	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	1	0
101		(could not determine)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D21	Wetland Size	Using the Web Soil Survey AOI tool to measure it, what is	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
		the area of the largest patch of emergent, shrub, or forest vegetation within the wetland of which the AA is a part?		•••	**		•••		•••	''	••	••	''	•••	••	••		••	''	•••		**	**	••	**	••	**		••	••	•••
		See instructions in last column and figures in Appendix A																													
102		of the Manual.																													
102 103		<0.1 acre	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
104		0.1 - 1 acre	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
105		1 to 10 acres	1	0	0	0	0	1	0	0	0	0	0	0	1	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0
106		10 to 100 acres 100 to 1000 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
104 105 106 107 108		>100 to 1000 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
	Wetland Size Uniqueness in Watershed				Ŵ	Ŵ	W	Ŵ	W	W	Ŵ	W	Ŵ		W	W	Ŵ	W	Ŵ	W	W	W	_	_	_	W	W		_	_	W
		determine the 12-digit code number for this wetland's	٧V	٧V	VV	٧V	VV	VV	٧V	VV	٧V	VV	VV	٧V	VV	VV	VV	VV	VV	VV	VV	VV	VV	VV	VV	VV	VV	VV	VV	٧V	٧V
		HUC6 (Hydrologic Unit Code, i.e., watershed). Then turn																													
		to the HUC4, HUC5, and HUC6 worksheets and compare the size of the wetland (of which this AA is a part) with																													
		that of the largest wetlands of the same class in the same																													
		HUC4 (first 8 digits), the same HUC5 (first 10 digits), and																													
		the same HUC6 (12 digits). Enter "1" for all that apply																													
109 D22		below:											Ш						Ш						<u> </u>		Ш]	
		the vegetated part of this AA's wetland is as large or larger	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110		than any of its class mapped in its HUC4 watershed																													
110		the vegetated part of this AA's wetland is as large or larger	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		than any of its class mapped in its HUC5 watershed									-			-	-			-													
											1		1		l	l							1	1	1		1				'

	В	С	CK	CL	CM	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	DM
1		Assessment 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	114
112		the vegetated part of this AA's wetland is as large or larger than any of its class mapped in its HUC6 watershed		0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	1	1	1	0	0	0	0	0	0
112 113		none of above	1	1	1	0	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1	0	0	0	0	1	1	1	1	1	1
114		data are inadequate (NWI mapping not >90% completed in HUC)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
115	Wetland Number & Diversity Uniqueness	Turn to the HUCbest worksheet. Is this AA located in one of the HUCs that are listed as having a large diversity of wetland types relative to area of wetlands (column 3), or a large number (column 4) or area (column 5) of wetlands relative to area of the HUC? Enter "1" for all that apply below:																													
116		yes, for the 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	0	0	0	0
116 117 118 119		yes, for the HUC5 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	0	0	0	0
118		yes, for the HUC6 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	0	0	0	0
120		none of above data are inadequate (NWI mapping not completed in HUC)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Historical Hydrologic Connectivity	Compared to the wetland originally present at this location (just prior to settlement in 1851), the current wetland is:	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
122		same size and boundaries, approximately. For example, wetland boundary may be nearly identical to hydric soil boundary and/or maps of presettlement wetland vegetation		0	0	1	0	0	0	0	0	1	0	0	1	1	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1
123		smaller (50-99% of the original size) and/or severed (by roads, dikes, drained soils, etc) from a few historically connected wetlands that may no longer exist. Soil map may show hydric soil extending somewhat beyond current wetland boundary.	1	0	1	0	1	0	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
124		much smaller (<50% of the original size) and/or extensively severed (by roads, dikes, drained soils) from many historically connected wetlands that may no longer exist. Soil map may show hydric soil extending far beyond current wetland 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
125		larger (due to damming of stream or runoff, excavation, removal of obstructions, irrigation, etc. that flooded soils which probably were not mapped as "hydric") or has been connected to wetlands from which it existed in isolation just prior to settlement.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126		no wetland was present at this location originally (none of the AA is mapped even as partially-hydric soil; the entire AA apparently resulted from impoundment, excavation, or regrading of upland non-hydric soils)	0	1	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0
	Special Conservation Designations of the Wetland or Local Area	According to the Oregon Explorer web site or other sources noted below:																													
128		a) the AA is within or is connected to (at least seasonally) a stream or other water body within 0.5 mile that has been designated as Essential Indigenous Anadromous Salmonid Habitat (ESH)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
129		b) the AA is within or contiguous to a Special Protected Area managed by a conservation group or designated as specially protected for conservation by a state or federal resource agency, as indicated online at http://oregonexplorer.info/wetlands/orwap/ .	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130		c) the AA is within or contiguous to a Wetland Priority Area as determined by ODFW and ORNHIC, and indicated online at http://oregonexplorer.info/wetlands/orwap/	0	0	1	1	1	0	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0
131		d) the AA is within an IBA (Important Bird Area, as officially designated in the IBA worksheet, and/or the web site given 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
132		NONE of above	1	1	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1

	A B	С	CK	CL	CM	CN	СО	CP	CQ	CR	CS	CT	CU	CV	CW	CX	CY	CZ	DA	DB	DC	DD	DE	DF	DG	DH	DI	DJ	DK	DL	DM
1		Assessment 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	114
D2	Non-anadromous Fish Species of Conservation Concern	According to the Oregon Explorer web site, the score for occurrences of rare non-anadromous fish species in the vicinity of this wetland is:																													
134		high (\geq 0.75 for maximum score, or \geq 0.90 for score sum), or there is a recent (within 5 yrs) onsite observation of any of these species by a qualified observer under conditions similar to what now occur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135		intermediate (i.e., not as described above or below)	0	0	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
136		low (\leq 0.33 for both the maximum score this group's score sum, but not 0 for both)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0
137		zero for both this group's maximum and its sum score, and no recent onsite observation of these species by a qualified observer under conditions similar to what now occur	1	1	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
138	27 Invertebrate Species of Conservation Concern	According to the Oregon Explorer web site, the score for occurrences of rare invertebrate species in the vicinity of this wetland is: high (≥ 0.75 for maximum score, or for this group's score	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
139		sum), or there is a recent onsite observation of any of these species by a qualified observer under conditions similar to what now occur	U														U	U	U												
140		low (< 0.75 for maximum score AND for this group's score sum, but not 0 for both)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141		zero for both this group's maximum and its sum score, and no recent onsite observation of these species by a qualified observer under conditions similar to what now occur	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D2	28 Amphibian or Reptile of Conservation Concern	According to the Oregon Explorer web site, the score for occurrences of rare amphibian or reptile species in the vicinity of this wetland is:																													
143		high (≥ 0.60 for maximum score, or >0.90 for score sum), or there is a recent onsite observation of any of these species by a qualified observer under conditions similar to what now occur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144		intermediate (i.e., not as described above or below)	1	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	1	1	1
145		low (≤ 0.21 for maximum score AND <0.15 for score sum, but not 0 for both)	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
146		zero for both this group's maximum and its sum score, and no recent onsite observation of these species by a qualified observer under conditions similar to what now occur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
147	29 Nesting Waterbird Species of Conservation Concern	According to the Oregon Explorer web site, the score for occurrences of rare nesting waterbird species in the vicinity of this wetland is:																													
148		high (≥ 0.60 for maximum score, or ≥1.00 for this group's score sum), or there is a recent onsite observation of any of these species by a qualified observer under conditions similar to what now occur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149		intermediate (i.e., not as described above or below)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150		low (≤ 0.09 for maximum score and for score sum, but not 0 for both)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
151		zero for both this group's maximum and its sum score, and no recent onsite observation of these species by a qualified observer under conditions similar to what now occur	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
152	Non-breeding (Feeding) Waterbird Species of Conservation Concern	According to the Oregon Explorer web site, the score for occurrences of rare non-breeding (feeding) waterbird species in the vicinity of this wetland is: high (≥ 0.33 for maximum score, or there is a recent onsite	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
153		observation of any of these species by a qualified observer under conditions similar to what now occur		U	U	U			U	U			U		U		U	U	U						U		U		U	U	U
154		low (< 0.33 for maximum score and for score sum, but not 0 for both)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	A B	С	CK	CL	CM	CN	СО	CP	CQ	CR	CS	CT	CU	CV	CW	CX	CY	CZ	DA	DB	DC	DD	DE	DF	DG	DH	DI	DJ	DK	DL	DM
1		Assessment Are	a 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	114
Ħ		zero for both this group's maximum and its sum score, and	_	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		no recent onsite observation of these species by a qualified observer under conditions similar to what now	_																												
155		OCCUR																													
	31 Songbird, Raptor, or Mammal Species	According to the Oregon Explorer web site, the score for																													
156	of Conservation Concern	occurrences of rare songbird, raptor, or mammal species in the vicinity of this wetland is:																													.
П		high (≥ 0.60 for maximum score, or >xx for score sum), 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
		there is a recent onsite observation of any of these specie by a qualified observer under conditions similar to what	S																												
157		now occur																													
158		intermediate (i.e., not as described above or below)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		low (≤ 0.09 for maximum score AND <xx for="" score="" sum,<="" td=""><td>0</td><td>0</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></xx>	0	0	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
159		but not 0 for both) zero for both this group's maximum and its sum score, and	1 1	1	0	0	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
		no recent onsite observation of these species by a	'	'	ľ	"	"	0	U	"	0	U	ı u	U	'	'	'	'		'	'	'	'	'	'	'	'		'	'	'
1.00		qualified observer under conditions similar to what now																													
160 E	32 Plant Species of Conservation Concern	occur According to the Oregon Explorer web site, the score for					 																								
	oposico di conscivation concern	occurrences of rare plant species in the vicinity of this																													. [
161		wetland is:	_ ^	0	^	_		_			_	0	_		_	_	0	0		0		_	_	_	_	_	_	<u> </u>		0	
		high (≥ 0.75 for maximum score, or > 4.00 for score sum) or there is a recent onsite observation of any of these	. 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		species by a qualified observer under conditions similar to)																												
162		what now occur						_	0		0	0					0			•											
163		intermediate (i.e., not as described above or below) low (≤ 0.12 for maximum score AND < 0.20 for score	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
164		sum, but not 0 for both)		Ů	Ů	Ů	Ů	U	0	Ů	U	U	Ů	Ü	٥	Ů	U	U	U	U	U	U	Ů	Ů	Ů	U	U	0	Ů	Ü	
		zero for both this group's maximum and its sum score, and no recent onsite observation of these species by a	d 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		qualified observer under conditions similar to what now																													
165		occur																													
166 E	33 Floodable Property	According to the Oregon Explorer web site: The AA is tidal, or is either (a) not within a 100-yr	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
		floodplain of a river, or (b) there are no inhabited buildings	'	'	ľ	"	"	0	U	"	'	'	'	'	'	'	'	'		'	'	'	'	'	ľ	"	0	"	١	U	١
		or cropland within 2 miles downslope that are within the																													
167		100-yr floodplain. Mark "1" then SKIP TO D35.																													.
		Inhabited buildings within 1 mile downslope from the AA	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
168		also are within the 100-yr floodplain Croplands but no inhabited buildings are within 1 mile	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		downslope from the AA, and that cropland is also within	Ü				"								Ĭ	Ů			Ů	Ü		"	"	"		"	ľ		ľ	Ů	Ĭ
169		the 100-yr floodplain	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	_	0	0	0
		Inhabited buildings within 1-2 miles downslope from the AA are also are within the 100-yr floodplain	0	"	0	0	0	0			ľ	0	0	0	0	U	U	0	0	0	0	0	0	0	T		0	0	U	0	٥
170				1	_	_	_		_	_												_		_	_		_	<u> </u>			
		Croplands but no inhabited buildings are within 1-2 miles downslope from the AA, and that cropland is also within	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
171		the 100-yr floodplain																											\sqcup		
		No floodplain data are available, and damage from river floods has not occurred within 2 miles downgradient. Mar	0 k	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
172		"1" then SKIP to D35.	_																												, [
	34 Downslope Storage	Between the AA and any floodable buildings or cropland located within 2 miles downslope:																													
173		river flow is regulated and there are many detention ponds	s 0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
174		and wetlands capable of storing water.																													
175		river flow is regulated or there are many detention ponds and wetlands capable of storing 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
176		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	0	0	0	0	0	0
	35 Wetland Relative Elevation in	According to Oregon Explorer map showing this AA's																													, 7
177	Watershed	position within its HUC4 watershed, the AA is [see Manua for specific guidance]:	ı																												, [
178		in the upper one-third of its 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	0	0	0	0
179		in the middle one-third of its watershed	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

1	A	В	С	CK	CL	CM	CN	CO	CP	CQ	CR	CS	CT	CU	CV	CW	CX	CY	CZ	DA	DB	DC	DD	DE	DF	DG	DH	DI	DJ	DK	K DI	_ DM
Γ.				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	2 113	3 114
1			Assessment Area in the lower one-third of its watershed, or is included in a 100-yr floodplain, or is closer than about 2 miles from a channel known to be wider than 50 ft (stream order 4 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
180		Contributing Area (CA) Percent	larger), The area of the wetland (and of any lake or pond of which this AA is a part), relative to its contributing area (CA) as	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	/ W	/ W
181			defined using procedures in the Manual, is: <1% of its CA, or most of the wetland is tidal, or water drawn from other surface water bodies (e.g., flood	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
182			irrigation) is main source of water																													
183			1 to 10% of its CA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	_	
184			10 to 100% of its CA Larger than the area of its CA (wetland has essentially no CA, e.g., isolated by dikes with no input channels, or is in terrain so flat that a CA can't be delineated). SKIP TO D40.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
186	D37	Unvegetated Surface in the Contributing Area	The proportion of the CA comprised of buildings, roads, parking lots, other pavement, exposed bedrock, and other impervious surface is about :	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	/ W	/ W
187	1		>25% 10 to 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
188 189	1		<10%, or wetland is tidal	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
	D38	B Upslope Storage	The cumulative area of other wetlands, detention	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	/ W	/ W
190			ponds,and reservoirs in the same CA is: Much (>10x) greater than the area of this wetland (plus any contiguous pond or lake), or inflow is strongly	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
191			regulated by dams etc. Somewhat greater than the area of this wetland (plus any contiguous pond or lake) and flows to wetland are not	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
192			strongly regulated Less than the area of this wetland (plus any contiguous pond or lake), or wetland is tidal, or no upslope wetlands/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
193			ponds, and no inflow regulation																													
	000																															
19/		Transport From Upslope	A relatively large proportion of the precipitation that falls farther upslope in the CA reaches this wetland quickly as runoff (surface water) , as indicated by the following: (a) input channel is present, (b) CA slopes are steep, (c) input channels have been straightened, (d) upslope wetlands have been ditched extensively, (e) land cover is mostly non-forest, and/or (f) most CA soils are shallow and/or have high runoff coefficients). This statement is:	W	W	W	W	W	W	W	W	W	W	W	8	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	/ W	/ W
19 ²		Transport From Upslope	farther upslope in the CA reaches this wetland quickly as runoff (surface water), as indicated by the following: (a) input channel is present, (b) CA slopes are steep, (c) input channels have been straightened, (d) upslope wetlands have been ditched extensively, (e) land cover is mostly non-forest, and/or (f) most CA soils are shallow and/or		0	W	W	0	W	W	W	W	W	W	W	0	0	W	W	W	0	W	0	W	0	W	W	W	W	W		
19 ² 195 196		Transport From Upslope	farther upslope in the CA reaches this wetland quickly as runoff (surface water), as indicated by the following: (a) input channel is present, (b) CA slopes are steep, (c) input channels have been straightened, (d) upslope wetlands have been ditched extensively, (e) land cover is mostly non-forest, and/or (f) most CA soils are shallow and/or have high runoff coefficients). This statement is: Mostly true Somewhat true	0	0 1	0 1	0 1	0 1	0 1	0	0	0 1	0 1	0 1	0 1	0	0	0	0 1	0 1	0 1	0	0 1	0	0 1	0 1	0 1	0 1	0 1	0 1	0	0 1
192 193 196 197			farther upslope in the CA reaches this wetland quickly as runoff (surface water), as indicated by the following: (a) input channel is present, (b) CA slopes are steep, (c) input channels have been straightened, (d) upslope wetlands have been ditched extensively, (e) land cover is mostly non-forest, and/or (f) most CA soils are shallow and/or have high runoff coefficients). This statement is: Mostly true Somewhat true Mostly untrue, or wetland is tidal	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 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
	D40		farther upslope in the CA reaches this wetland quickly as runoff (surface water), as indicated by the following: (a) input channel is present, (b) CA slopes are steep, (c) input channels have been straightened, (d) upslope wetlands have been ditched extensively, (e) land cover is mostly non-forest, and/or (f) most CA soils are shallow and/or have high runoff coefficients). This statement is: Mostly true Somewhat true Mostly untrue, or wetland is tidal Within 1 mile upstream from the wetland, at least one of the major sources of surface water to this wetland (at least seasonally) has been designated as Water Quality Limited (303d) for at least one of the parameters below. Obtain from web site only do not guess. Select all that apply.	0 1 0	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 / W	0 1 0 / W
198	D40	Known Water Quality Issues in the Input	farther upslope in the CA reaches this wetland quickly as runoff (surface water), as indicated by the following: (a) input channel is present, (b) CA slopes are steep, (c) input channels have been straightened, (d) upslope wetlands have been ditched extensively, (e) land cover is mostly non-forest, and/or (f) most CA soils are shallow and/or have high runoff coefficients). This statement is: Mostly true Somewhat true Mostly untrue, or wetland is tidal Within 1 mile upstream from the wetland, at least one of the major sources of surface water to this wetland (at least seasonally) has been designated as Water Quality Limited (303d) for at least one of the parameters below. Obtain from web site only do not guess. Select all that	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 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 / W	0 1 0 / W
198	D40	Known Water Quality Issues in the Input	farther upslope in the CA reaches this wetland quickly as runoff (surface water), as indicated by the following: (a) input channel is present, (b) CA slopes are steep, (c) input channel is bresent, (b) CA slopes are steep, (c) input channels have been straightened, (d) upslope wetlands have been ditched extensively, (e) land cover is mostly non-forest, and/or (f) most CA soils are shallow and/or have high runoff coefficients). This statement is: Mostly true Somewhat true Mostly untrue, or wetland is tidal Within 1 mile upstream from the wetland, at least one of the major sources of surface water to this wetland (at least seasonally) has been designated as Water Quality Limited (303d) for at least one of the parameters below. Obtain from web site only do not guess. Select all that apply. total suspended solids (TSS), sedimentation, or turbidity phosphorus	0 1 0	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 / W	0 1 0 / W
	D40	Known Water Quality Issues in the Input	farther upslope in the CA reaches this wetland quickly as runoff (surface water), as indicated by the following: (a) input channel is present, (b) CA slopes are steep, (c) input channels have been straightened, (d) upslope wetlands have been ditched extensively, (e) land cover is mostly non-forest, and/or (f) most CA soils are shallow and/or have high runoff coefficients). This statement is: Mostly true Somewhat true Mostly untrue, or wetland is tidal Within 1 mile upstream from the wetland, at least one of the major sources of surface water to this wetland (at least seasonally) has been designated as Water Quality Limited (303d) for at least one of the parameters below. Obtain from web site only — do not guess. Select all that apply. total suspended solids (TSS), sedimentation, or turbidity phosphorus nitrate or ammonia	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 1 0 1 W	0 1 0 / W
198 199 200 201	D40	Known Water Quality Issues in the Input	farther upslope in the CA reaches this wetland quickly as runoff (surface water), as indicated by the following: (a) input channel is present, (b) CA slopes are steep, (c) input channel is bresent, (b) CA slopes are steep, (c) input channels have been straightened, (d) upslope wetlands have been ditched extensively, (e) land cover is mostly non-forest, and/or (f) most CA soils are shallow and/or have high runoff coefficients). This statement is: Mostly true Somewhat true Mostly untrue, or wetland is tidal Within 1 mile upstream from the wetland, at least one of the major sources of surface water to this wetland (at least seasonally) has been designated as Water Quality Limited (303d) for at least one of the parameters below. Obtain from web site only do not guess. Select all that apply. total suspended solids (TSS), sedimentation, or turbidity phosphorus	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 1 0 1 W	0 1 0 / W
198	D40	Known Water Quality Issues in the Input	farther upslope in the CA reaches this wetland quickly as runoff (surface water), as indicated by the following: (a) input channel is present, (b) CA slopes are steep, (c) input channels have been straightened, (d) upslope wetlands have been ditched extensively, (e) land cover is mostly non-forest, and/or (f) most CA soils are shallow and/or have high runoff coefficients). This statement is: Mostly true Somewhat true Mostly untrue, or wetland is tidal Within 1 mile upstream from the wetland, at least one of the major sources of surface water to this wetland (at least seasonally) has been designated as Water Quality Limited (303d) for at least one of the parameters below. Obtain from web site only — do not guess. Select all that apply. total suspended solids (TSS), sedimentation, or turbidity phosphorus nitrate or ammonia toxics, dioxin, heavy metals (iron, manganese, lead, zinc,	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 1 0 V W	0 1 0 / W
198 199 200 201 202 203	D40	Known Water Quality Issues in the Input Water	farther upslope in the CA reaches this wetland quickly as runoff (surface water), as indicated by the following: (a) input channel is present, (b) CA slopes are steep, (c) input channels have been straightened, (d) upslope wetlands have been ditched extensively, (e) land cover is mostly non-forest, and/or (f) most CA soils are shallow and/or have high runoff coefficients). This statement is: Mostly true Somewhat true Mostly untrue, or wetland is tidal Within 1 mile upstream from the wetland, at least one of the major sources of surface water to this wetland (at least seasonally) has been designated as Water Quality Limited (303d) for at least one of the parameters below. Obtain from web site only — do not guess. Select all that apply. total suspended solids (TSS), sedimentation, or turbidity phosphorus nitrate or ammonia toxics, dioxin, heavy metals (iron, manganese, lead, zinc, etc.) temperature None of above, or degraded water cannot reach wetland,	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 0 0 0 0	0 1 0 0 0 0	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 0 0 0 0	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 0 0 0 0	0 1 1 0 0 V W W 0 0 0 0 0 0 0 0 0 0 1 1	0 1 0 / W
198 199 200 201 202 203	D40	Known Water Quality Issues in the Input Water Known Water Quality Issues Below the	farther upslope in the CA reaches this wetland quickly as runoff (surface water), as indicated by the following: (a) input channel is present, (b) CA slopes are steep, (c) input channels have been straightened, (d) upslope wetlands have been ditched extensively, (e) land cover is mostly non-forest, and/or (f) most CA soils are shallow and/or have high runoff coefficients). This statement is: Mostly true Somewhat true Mostly untrue, or wetland is tidal Within 1 mile upstream from the wetland, at least one of the major sources of surface water to this wetland (at least seasonally) has been designated as Water Quality Limited (303d) for at least one of the parameters below. Obtain from web site only — do not guess. Select all that apply. total suspended solids (TSS), sedimentation, or turbidity phosphorus nitrate or ammonia toxics, dioxin, heavy metals (iron, manganese, lead, zinc, etc.) temperature None of above, or degraded water cannot reach wetland, or no data. Within 1 mile downstream or downslope from this wetland, there is at least one stream or other water body that has been designated as Water Quality Limited (303d) for at least one of the parameters below. Obtain from web site	0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 0 0 0 0	0 1 0 0 0 0	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 0 0 0 0	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 W	0 1 0 0 0 0 0	0 1 1 0 V W	0 1 0 7 W