

Appendix B: NWI Wetland Categories in the Project Area

The table below lists all of the wetland types occurring within and beyond the Port MacKenzie Rail Extension project area. The project team classified uplands and wetlands within the project area into four categories based on their estimated importance within the local ecosystem for use in the constraints analysis (see Preliminary Environmental and Alternatives Report Section 2.2, Wetlands). These categories were based on the wetland type depicted on the National Wetland Inventory (NWI) maps (that were available digitally) and the general wetland functions these wetland types typically perform.

Category	Wetland Type and NWI Code	Suitability for Construction	
Category 1	<u>Uplands</u> U	High	
Category 2	<u>Forested Wetlands</u>		
	PFO1Cb		
	PF01A	PFO4/1A	
	PF04B	PFO4/1B	
	PFO1/4A	PFO4/SS1A	
	PFO1/4B	PFO4/SS1B	
	PFO1/SS1A	PFO4/SS1C	
	PFO1/SS1B	PFO4/SS4B	
	PFO1/SS1C	PFO4A	Moderately High
	PFO1/SS4B	PFO4B	
	PFO1A	PFO4C	
	PFO1B	PFO5C	
	PFO1C	PFO4/SS1F	
		PFO5F	
		PFO5Fb	
		<u>Scrub/Shrub Wetlands</u>	
		PSS1/4A	
		PSS1/4B	PSS1Fb
		PSS1/4C	PSS1S
		PSS1/FO1A	PSS4F
	PSS1/FO1B	PSS5Sb	
	PSS1/FO4B	PSS4/1A	
	PSS1/FOA	PSS4/1B	
	PSS1A	PSS4/1C	
	PSS1B	PSS4B	
	PSS1C	PSS5B	
	PSS1C	PSS5Cb	
	PSS1E		
	PSS1F		

<u>Excavated, Diked, Partially Drained, or Ditched Vegetated Wetlands</u>	PAB4Hx
PEM1/SS1Ad	PSS1/4Bd
PEM1Bd	PSS1/4Cd
PEM1/SS1Ah	PSS1/EM1Cx
PEM1/SS1Fh	PSS1/USAh
PEM1/SS1Ch	PSS1/USCx
PEM1/SS1Cx	PSS1Ch
PEM1/UBFh	PSS1Cx
PEM1/UBFx	PSS1Fx
PEM1/UBHh	PUB/AB3Hh
PEM1/UBHx	PUB/EM1Fx
PEM1/USCx	PUBFh
PEM1Ax	PUBFx
PEM1Cd	PUBHh
PEM1Ch	PUBHx
PEM1Cx	PUSCx
PEM1Fh	
PEM1Fx	
PAB3Hx	

Emergent Wetlands

	PEM1/FO4B	PEM5B	
	PEM1/ML1C	PEM5C	
	PEM1/PSS1C	PEMFb	
	PEM1/PSSC	PFO1/EM1A	
	PEM1/SS14B	PFO1/EM1C	
	PEM1/SS1A	PFO4/EM1B	
	PEM1/SS1B	PFO4/EM1C	
	PEM1/SS1C	PFO5/EM1C	
	PEM1/SS1Cb	PSS1/EM1A	
	PEM1/SS4A	PSS1/EM1B	
	PEM1/SS4B	PSS1/EM1C	
Category 3	PEM1/SS4C	PSS1/EM1Cb	Moderately Low
	PEM1/SS5C	PSS1/EM5B	
	PEM1/USA	PSS1/EM5C	
	PEM1A	PSS4/EM1B	
	PEM1B	PSS4/EM1C	
	PEM1C	PSS1/EM1E	
	PEM1Cb	PSS4/EM1F	
	PEM1E	PEM1/SS1F	
	PEM1F	PEM1/SS1Fb	
	PEM1Fb	PEM1/SS5F	
	PEM1H	PSS1/EM1F	
		PSS1/EM1Fb	

Category 4	<u>Ponds</u>	PUBHb	Low
	PUBKx	PSS1/UBF	
	PUB/EM1F	PSS1/UBH	
	PUB/EM1H	PSS5/UBHb	
	PUB/EM1Hb	PAB4/UBH	
	PUB1H	PEM1/UBF	
	PUBF	PEM1/UBH	
	PUBFb	PEM5/UBH	
	PUBH		
	<u>Vegetated Ponds</u>	PEM1/AB3H	
	PAB3/EM1H	PEM1/AB4H	
	PAB3Fb	PEM1Hb	
	PAB3H	PFO5Hh	
	PAB4H		
PAB4Hb			
PAB5H			
PEM1/AB3F			
<u>Estuarine Marshes</u>			
E2EM1/SS1P	E2EM1P		
E2EM1/USM	E2FO5/EM1P		
E2EM1/USN	E2SBN		
E2EM1/USP	E2SS1P		
E2EM1F	E2SS5/EM1P		
E2EM1N			
<u>Estuarine Mudflats</u>			
E1AB1L	E2USP		
E1UBL	E2US/EM1N		
E2AB1N	E2US/EM1P		
E2USN			
<u>Lake or Reservoir Basins</u>	L2AB4/UBH		
L1AB3H	L2AB4H		
L1UBH	L2UBH		
L1UBHh	L2US/UBH		
L2AB3/EM1H	L2US/Ubh		
L2AB3/UBH			
L2AB3H			
L2AB3Hh			
<u>Coastal Swamps and Marshes</u>	PSS1/5R		
PFO4/EM1F	PSS1/EM1R		
	PSS1R		

PFO1/SS1R	PSS5/1R
PFO1R PFO1S	PUS/EM1R
PEM1/SS1R	PUBV
PEM1/UBV	PUBZ
PEM1N	PEM1V
PEM1R	
PEM1S	
PEM1T	
<u>Wetlands Adjacent to a Creek/Stream/Pond</u>	PUS/SS1A
	PUS/SS1C
PSS1/USR	PUS5
PSS1/USC	PUSA
PSS1/USA	PUSC
PUS/EM1A	
PUS/EM1C	
<u>Excavated Ponds in Gravel Pits</u>	
L1UBHx	
<u>Rivers or Stream Channels</u>	R3FLC
R1UBV	R2UBHx
R1US/UB	R3SBC
R1USR	R3UB/US
R2UBH	R3UBH
R2USC	R3US/UB
R3FLA	R3USA
	R3USC
