

Appendix 12-B

Wetland Habitat Information Forms

MURRAY RIVER COAL PROJECT

Application for an Environmental Assessment Certificate / Environmental Impact Statement

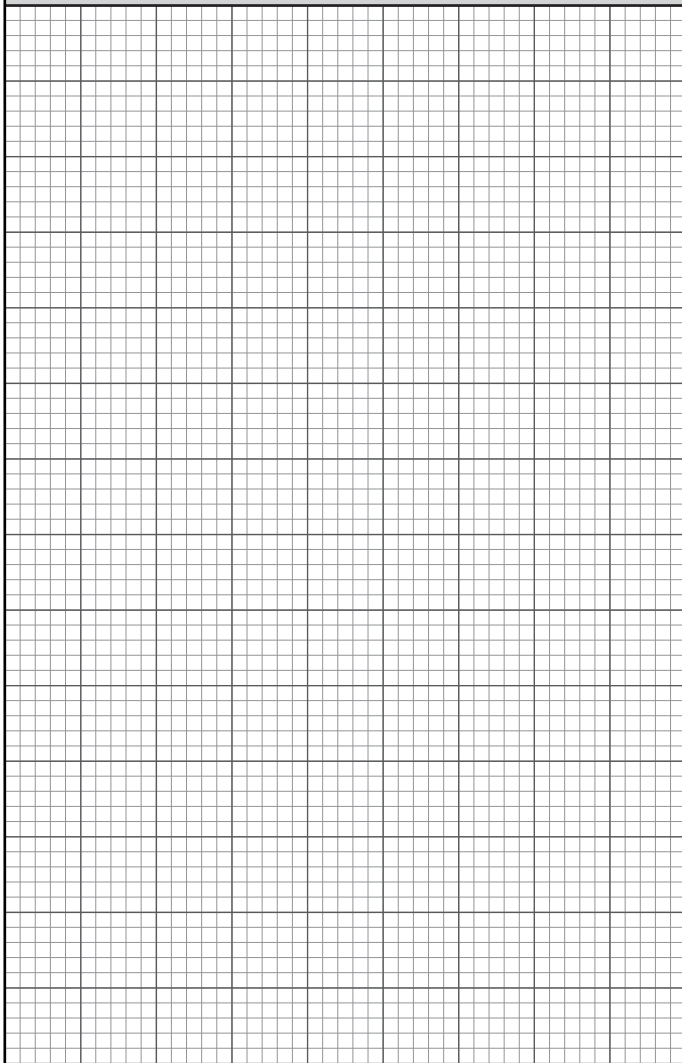
WETLAND HABITAT INFORMATION FORM

<input type="checkbox"/> W	<input type="checkbox"/> T	PHOTO	X:	Y:	DATE				
PROJECT ID			SURV.						
MAPSHEET			PLOT #						
UTM ZONE		NORTH		EAST					
ASPECT			ELEVATION						
SLOPE		%	SMR		SNR				
MESO SLOPE POSITION	<input type="checkbox"/> Crest		<input type="checkbox"/> Mid slope		<input type="checkbox"/> Depression				
	<input type="checkbox"/> Upper slope		<input type="checkbox"/> Lower slope		<input type="checkbox"/> Level				
HYDROGEO-MORPHIC POSITION	<input type="checkbox"/> Estuarine		<input type="checkbox"/> Lacustrine		<input type="checkbox"/> Basins & Hollows				
	<input type="checkbox"/> Fluvial		<input type="checkbox"/> Ponds & Potholes		<input type="checkbox"/> Seepage Slopes				
DRAINAGE - MINERAL SOILS	<input type="checkbox"/> Very rapidly		<input type="checkbox"/> Well		<input type="checkbox"/> Poorly				
	<input type="checkbox"/> Rapidly		<input type="checkbox"/> Mod. well		<input type="checkbox"/> Very poorly				
MINERAL SOIL TEXTURE	<input type="checkbox"/> Sandy (LS,S)		<input type="checkbox"/> Silty (SiL,Si)						
	<input type="checkbox"/> Loamy (SL,L,SCL,FSL)		<input type="checkbox"/> Clayey (SiCL,CL,SC,SiC,C)						
MOISTURE SUBCLASSES ORGANIC SOIL	<input type="checkbox"/> Aqueous		<input type="checkbox"/> Aquic		<input type="checkbox"/> Perhumid				
	<input type="checkbox"/> Peraquic		<input type="checkbox"/> Subaquic		<input type="checkbox"/> Humid				
ORGANIC SOIL TEXTURE			SURF. ORGANIC HORIZON THICKNESS						
<input type="checkbox"/> Fibric	<input type="checkbox"/> Mesic	<input type="checkbox"/> Humic	_____ cm						
HUMUS FORM			ROOTING DEPTH						
<input type="checkbox"/> Mor	<input type="checkbox"/> Moder	<input type="checkbox"/> Mull	Depth _____ cm Type _____						
VON POST									
1	2	3	4	5	6	7	8	9	10
COARSE FRAGMENT CONTENT									
<input type="checkbox"/> < 20% <input type="checkbox"/> 20-35% <input type="checkbox"/> 35-70% <input type="checkbox"/> > 70%									
ECOSYSTEM			COMPONENT: <input type="checkbox"/> WL1 <input type="checkbox"/> WL2 <input type="checkbox"/> WL3						
BGC UNIT			WETLAND CLASS						
SITE SERIES			ASSOCIATION						
STRUCTURAL STAGE			MODIFIER						
WETLAND POLYGON SUMMARY									
	%	CLASS		ASSOCIATION					
WL1									
WL2									
WL3									

DOMINANT / INDICATOR PLANT SPECIES						
TOTAL %	TALL TREE		TREE / SHRUB		FORB	BRYOP.
TREE / SHRUB	%	FORB		%	FORB cont'd	
					BRYOP.	%
		<input type="checkbox"/> COMPLETE	<input type="checkbox"/> PARTIAL			
WATER COLOUR		<input type="checkbox"/> Tea Coloured		<input type="checkbox"/> Green-Brown Turbid		
		<input type="checkbox"/> Yellow-Deep Brown Turbid		<input type="checkbox"/> Blue-Green Clear		
		<input type="checkbox"/> Green-Brown Clear				
pH	CONDUCTIVITY		% OPEN WATER		DEPTH TO WATER	
SOIL PROFILE				WILDLIFE OBSERVATIONS		
				SPECIES		FEATURE

Adapted from Ground Inspection Form: FS FS212-2(1) HRE 98/5-761000694

WETLAND MAP



Features to include: North arrow, wildlife features, open water, slope, vegetation communities, wetland boundary, direction of water flow, soil core locations.

NOTES