

Appendix A

Integrated summary of relationships

		MODULE																
		A	B	C	C1	D	E	F	G	H	I	J	K	L	M	N	O	
Phase	EPBC 2007/3385 Schedule 2 Component	EIMP Overview	Vegetation clearing - mill site and wharf access	Mill site bulk earthworks	Mill construction	Wharf construction	Accommod- ation facility construction	Water supply pipeline construction	Shore crossing construction	Ocean outfall construction	Solid waste disposal facility construction	Local reservoir construction	Effluent pipeline construction	Pre- commission management	Monitoring program	Remedial and response strategies	Habitat offsets & reserves	
	1. Overview	a	A description of the proposal and associated infrastructure															
b		Identification of clear environmental objectives																
c		Identification of environmental indicators, and translation of objectives into agreed targets and performance measures																
d		Design and implementation of an appropriate monitoring program																
e		Identification of, and commitment to, agreed trigger or response levels for key indicators																
f		Identification of specific remedial management responses to be undertaken when trigger point levels are exceeded																
EPBC approval condition(s)		1,2,6,7,8,9,10,11,12,13,20,44,45,46,47,48	14,15,17,18,20,23,25,26	14,17,18,20,23,25,26	14,17,20,23,25,26	14,27,28,29,30	14,20,23,25	14,19,20,21,22,23,25	14,20,23,24,25,27	14,20,26,27,28,30,38,39	14,17,20,23,25,26	14,17,20,23,25,26	14,19,20,21,22,23,24,25	3,4,9,31,32,33,34,35,36,37,38,39,41,42	3,4,31,32,33,36,37,40,41,42,43	3,4,5,19,26,29,30,31,32,33,39	15,16,17,18	

*For completeness Module M also reiterates monitoring described in other modules relevant to conditions 15, 16, 17, 18, 19, 20, 22, 25, 26, 27, 29, 30, 34, 35 and 38

Not applicable	Other modules	This module
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Phase		MODULE															
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EPBC 2007/3385 Schedule 2 Component		EIMP Overview	Vegetation clearing - mill site and wharf access	Mill site bulk earthworks	Mill construction	Wharf construction	Accommod- ation facility construction	Water supply pipeline construction	Shore crossing construction	Ocean outfall construction	Solid waste disposal facility construction	Local reservoir construction	Effluent pipeline construction	Pre- commission management	Monitoring program	Remedial and response strategies	Habitat offsets & reserves
2. Preconstruction	a																
	b																
	c																
	d																
	e																
	f																
	g																
	h																
	i																
	j																
	k																
	l																
	m																
	n																
	o																
EPBC approval condition(s)		1,2,6,7,8,9,10, 11,12,13,20, 44,45,46,47,48	14,15,17, 18,20,23,25,26	14,17, 18,20,23,25,26	14,17, 20,23,25,26	14,27,28,29,30	14,20,23,25	14,19,20,21, 22,23,25	14,20,23,24, 25,27	14,20, 26,27, 28,30,38,39	14,17, 20,23,25,26	14,17, 20,23,25,26	14,19,20,21, 22,23,24,25	3, 4, 9, 31, 32, 33, 34, 35, 36, 37,38,39, 41,42	3,4,31,32,33, 36,37,40,41, 42, 43*	3,4,5,19,26,29, 30,31,32,33,39	15,16,17,18

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	3. Construction	a	Management of risks associated with the amphibian chytrid fungus														
	b	Management of risks associated with roadkill															
	c	Management of pile-driving noise[or outfall construction noise]															
	d	Development of strategies to minimise vessel strike															
	e	Appropriate strategies to minimise impacts on listed migratory birds															
	f	Strategies to ensure no increase in the levels of contaminants in listed species															
	g	Management of risks associated with listed crayfish															
4. Precommissioning	a	Toxicity testing of Elemental Chlorine Free mill effluents															
	b	Studies to establish the properties affecting fate of fine particulate organic matter in effluent															
	c	Establish maximum limits and trigger levels of pollutants in effluent, receiving environment and sentinel biota															
	d	Measurement of background contaminants in sediments and biota															
	e	Background ecological surveys															
	f	Improved modelling (hydrodynamic and sediment) of fate and impact of effluent															
	g	Design of the monitoring program for marine effluent															
EPBC approval condition(s)		1,2,6,7,8,9,10,11,12,13,20,44,45,46,47,48	14,15,17,18,20,23,25,26	14,17,18,20,23,25,26	14,17,20,23,25,26	14,27,28,29,30	14,20,23,25	14,19,20,21,22,23,25	14,20,23,24,25,27	14,20,26,27,28,30,38,39	14,17,20,23,25,26	14,17,20,23,25,26	14,19,20,21,22,23,24,25	3,4,9,31,32,33,34,35,36,37,38,39,41,42	3,4,31,32,33,36,37,40,41,42,43*	3,4,5,19,26,29,30,31,32,33,39	15,16,17,18

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	5. Ongoing monitoring	a	Effluent monitoring															
b		Continuous monitoring of the effluent plume and its dispersion																
c		Sediment quality monitoring																
d		Sentinel biota monitoring																
e		Ecological surveys																
6. Remedial response	a	Remedial management responses to be undertaken when trigger levels are exceeded or maximum limits are reached																
	EPBC approval condition(s)		1,2,6,7,8,9,10, 11,12,13,20, 44,45,46,47,48	14,15,17, 18,20,23,25,26	14,17, 18,20,23,25,26	14,17, 20,23,25,26	14,27,28,29,30	14,20,23,25	14,19,20,21, 22,23,25	14,20,23,24, 25,27	14,20, 26,27, 28,30,38,39	14,17, 20,23,25,26	14,17, 20,23,25,26	14,19,20,21, 22,23,24,25	3, 4, 9, 31, 32, 33, 34, 35, 36, 37,38,39, 41,42	3,4,31,32,33, 36,37,40,41, 42, 43*	3,4,5,19,26,29, 30,31,32,33,39	15,16,17,18

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