

21.	Editorial Corrections	21-1
21.1.	Text Corrections	21-1
21.2.	Table Corrections	21-2

21. EDITORIAL CORRECTIONS

This section acknowledges submissions that noted typographical errors, incorrect cross references or suggested changes to wording.

21.1. Text Corrections

The editorial corrections are presented in Table 21-1. Recommended text insertions are highlighted in bold font and deletions are highlighted in strikethrough.

Table 21-1 Editorial Corrections for Emu Swamp Dam EIS

EIS Section	Editorial Corrections
1.7.1	unallocated irrigation water is to may be provided from a dam on the Severn River provided the dam is declared to be a significant project under the SDPWO Act;
1.7.1	there will be limited, if any, opportunities to trade irrigation water within the catchment unless a dam and pipeline network is constructed;
1.7.1	farmers are interested in the combined urban and irrigation dam project because the availability of water from the dam will be much better than from natural runoff
1.8.2	Permits to clear vegetation on State-owned land are administered under the Land Act 1994 <i>Vegetation Management Act 1999</i> .
3.1.1	The proposed water entitlement licence allocation for the Urban component is 1,500 ML/year under the Border Rivers Resource Operations Plan (ROP). The proposed water entitlement licence allocation for the Irrigation component is 1,740 ML/year as provided in the WRP and the draft Border Rivers Resource Operations Plan (ROP).
4.3.1.1 and 4.3.1.2	Non-sodic and or saline
7.1.1.1	The Border River Drainage Basin has an area of approximately 42,000 km ² of which 26,000 km ² is in Queensland as shown in Figure 7-1. The Granite Belt catchment covers an area of approximately 1,300 km ² and includes the Severn River and its upper tributaries. The dam site is located on the Severn River at the Adopted Middle Thread Distance (AMTD) of 264 km. The catchment area of the dam is 586 km ² , which represents 45 % of the Granite Belt catchment and 1.4 2.2 % of the Border Rivers catchment in Queensland.
7.1.1.6	The <i>Water Resources (Border Rivers) Plan 2003 (WRP)</i> was legislated to provide provides a sustainable framework for the allocation of water management provides a framework for the sustainable management of water to achieve a balance between the consumptive need and the needs of the environment.
7.1.1.7	It is estimated that area licences of approximately 2,220 ha and volumetric licences nominal volumes of proposed water allocations of 1,800 1,930 ML currently existing with the Granite Belt catchment.
7.1.1.8	Accommodation Creek combines with the Severn River approximately 12 km downstream of the dam. Accommodation Creek and its tributaries contribute significantly to the inflows as they drain the Girraween National Park which has an approximate catchment area of 118 km ² . The Accommodation Creek inflows substantially increase the existing entitlements scenario monthly median flows. At Node J the existing entitlements scenario monthly median flows are further increased by inflows, these inflow are from the area downstream of the Accommodation Creek Confluence and include flows from the Sundown National Park
7.1.2.5	The Border Rivers draft ROP, released in January 2007, outlines the provision for unallocated water as outlined above for town water supply and for irrigation and associated industry. The Explanatory Notes for the draft ROP, Chapter 2, provide a breakdown of the maximum volumes of unallocated water to be available in each sub catchment, expressed as a long term average annual take.

EIS Section	Editorial Corrections
12.3.7	For this project the following time periods have been adopted for reference purposes: „- Daytime: 6am to 6pm „- Evening: 6pm to 10pm „- Night: 10pm to 6am 7am
14.3.2.2	The Rumbalara Estate Wines vineyard and cellar door, Chaple Hill Estate, and Severn River Wines and Vinland Estate are located on or in the vicinity of Fletcher Road.

21.2. Table Corrections

Tables with editorial corrections have been corrected are represented below.

Table 7-35 Evaluation of Water Quality in Adjacent Catchment from SWAMP Monitoring Data

Water Quality Parameter	ANZECC Water Quality Objectives ^a	ANZECC Water Quality Objectives ^b	Queensland Water Quality Guidelines ^c	CM416301	CM416302	CM416303	CM416304	Units
Total Phosphorus	<20 µg/L	<20 µg/L	<30 µg/L	73	42	48.5	51.5	µg/L
Total Nitrogen	<250 µg/L	<250 µg/L	<250 µg/L	1100	650	480	530	µg/L
Turbidity	2-25 NTU	2-25 NTU	<25 NTU	60	12	12	31	NTU
Temperature	20 th – 80 th percentile; 12.9-25.6 °C**			16-26.3	11.8-22.8	17.34-24.62	12.64-24.24	°C
pH	6.5-7.5	6.5-7.5	6.5-8.2	7.1	6.9	6.7	6.9	
Conductivity	30-350 µS/cm	30-350 µS/cm	75 th Percentile, 325 µS/cm	250, 340*	200, 220*	180, 190*	380, 400*	µS/cm
Total Suspended Solids	<40mg/L ^d	<40mg/L ^d	-	66	19	7	22	mg/L
Iron	<300 µg/L	<300 µg/L	Level 1: 50 µg/L Level 2: 200 µg/L	270	750	90	90	µg/L
Manganese	<1700 µg/L	<2500 µg/L	Level 1: 50 µg/L Level 2: 200 µg/L	<30	<30	<30	<30	µg/L
Aluminium	<55 µg/L	<80 µg/L	-	70	60	75	100	µg/L
Zinc	<8 µg/L	<15 µg/L	-	20	10	20	10	µg/L
Copper	<1.4 µg/L	<1.8 µg/L	-	<30	<30	<30	<30	µg/L
Boron	<370 µg/L	<680 µg/L	-	60	30	20	20	µg/L

Note: bold figures indicate exceedance of guideline values

^a based on 95% level of protection * 75th Percentile for Salinity QWQG

^b based on 90% level of protection ** Derived from SWAMP data across the 15 sites from 2006-2007.

^c Upland Streams

^d These are indicative values

Table 7-37 Evaluation of Upstream Water Quality based on SWAMP Monitoring Data

Water Quality Parameter	ANZECC Water Quality Objectives ^a	ANZECC Water Quality Objectives ^b	Queensland Water Quality Guidelines ^c	CM416310	CM416311	CM416319	CM416320	CM416321	CM416322	CM416324	Units
Total Phosphorus	<20 µg/L	<20 µg/L	<30 µg/L	91	180	35.5	40.5	20.5	44	230	µg/L
Total Nitrogen	<250 µg/L	<250 µg/L	<250 µg/L	1000	1300	525	1050	560	780	861.99	µg/L
Turbidity	2-25 NTU	2-25 NTU	<25 NTU	10	22.5	10	10	10	10	10	NTU
Temperature	20 th – 80 th percentile; 12.9-25.6 °C**	20 th – 80 th percentile; 12.9-25.6 °C**	20 th – 80 th percentile; 12.9-25.6 °C**	13.6-25.3	12.0-20.4	22.5-27.0	15.8-26.1	14.9-25.5	16.2-21.4	17-25.4	°C
pH	6.5-7.5	6.5-7.5	6.5-8.2	6.5	6.85	7.8	8.5	7.35	7.6	7.6	
Conductivity	30-350 µS/cm	30-350 µS/cm	75 th percentile, 325 µS/cm	295, 345*	715, 792.5*	220, 270*	180, 182.5*	270, 342.5*	265, 280*	300, 320*	µS/cm
Total Suspended Solids	<40mg/L ^d	<40mg/L ^d		28	35	5.5	6	6	7	7.5	mg/L
Iron	<300 µg/L	<300 µg/L	Level 1: 50 µg/L Level 2: 200 µg/L	335	10	150	270	250	<10	275	µg/L
Manganese	<1700 µg/L	<2500 µg/L	Level 1: 50 µg/L Level 2: 200 µg/L	<30	<30	<30	<30	<30	<30	<30	µg/L
Aluminium	<55 µg/L	<80 µg/L	-	<50	<50	<50	<50	<50	<50	<50	µg/L
Zinc	<8 µg/L	<15 µg/L	-	25	120	20	10	10	10	10	µg/L
Copper	<1.4 µg/L	<1.8 µg/L	-	<30	<30	<30	<30	<30	<30	<30	µg/L
Boron	<370 µg/L	<680 µg/L	-	40	80	20	20	20	30	25	µg/L

^a based on 95% protection levels

^b based on 90% protection levels

^c Upland Streams

^d These are indicative values

* 75th Percentile for Salinity QWQG (2006)

** Derived from SWAMP data across the 15 sites from 2006-2007

Table 7-39 Evaluation of Downstream Water Quality based on SWAMP Monitoring Data

Water Quality Parameter	ANZECC Water Quality Objectives ^a	ANZECC Water Quality Objectives ^b	Queensland Water Quality Guidelines ^c	CM416331	CM416332	CM416341	CM416342
Total Phosphorus	<20 µg/L	<20 µg/L	<30 µg/L	39.5	50	51	30
Total Nitrogen	<250 µg/L	<250 µg/L	<250 µg/L	550	600	820	680
Turbidity	2-25 NTU	2-25 NTU	<25 NTU	10	10	10	10
Temperature	20 th – 80 th percentile; 12.9-25.6 °C**	20 th – 80 th percentile; 12.9-25.6 °C**	20 th – 80 th percentile; 12.9-25.6 °C**	11.14-25.06	12.1-23.74	9.28-25.38	12.7-26.2
pH	6.5-7.5	6.5-7.5	6.5-8.2	6.6	6.9	7	7.4
Conductivity	30-350 µS/cm	30-350 µS/cm	75 th Percentile, 325 µS/cm	50, 70*	160, 270*	250, 265*	210, 210*
Total Suspended Solids	<40mg/L ^d	<40mg/L ^d	-	7	7	8	6
Iron	<300 µg/L	<300 µg/L	Level 1: 50 µg/L Level 2: 200 µg/L	90	190	90	95
Manganese	<1700 µg/L	<2500 µg/L	Level 1: 50 µg/L Level 2: 200 µg/L	<30	<30	<30	<30
Aluminium	<55 µg/L	<80 µg/L	-	<50	<50	<50	<50
Zinc	<8 µg/L	<15 µg/L	-	10	10	10	10
Copper	<1.4 µg/L	<1.8 µg/L	-	<30	<30	<30	<30
Boron	<370 µg/L	<680 µg/L	-	10	20	30	20

^a based on 95% protection levels

^b based on 90% protection levels

^c Lowland Streams

^d These are indicative values

* 50th and 75th Percentiles for Salinity QWQG

** Derived from SWAMP data across the 15 sites from 2006-2007