

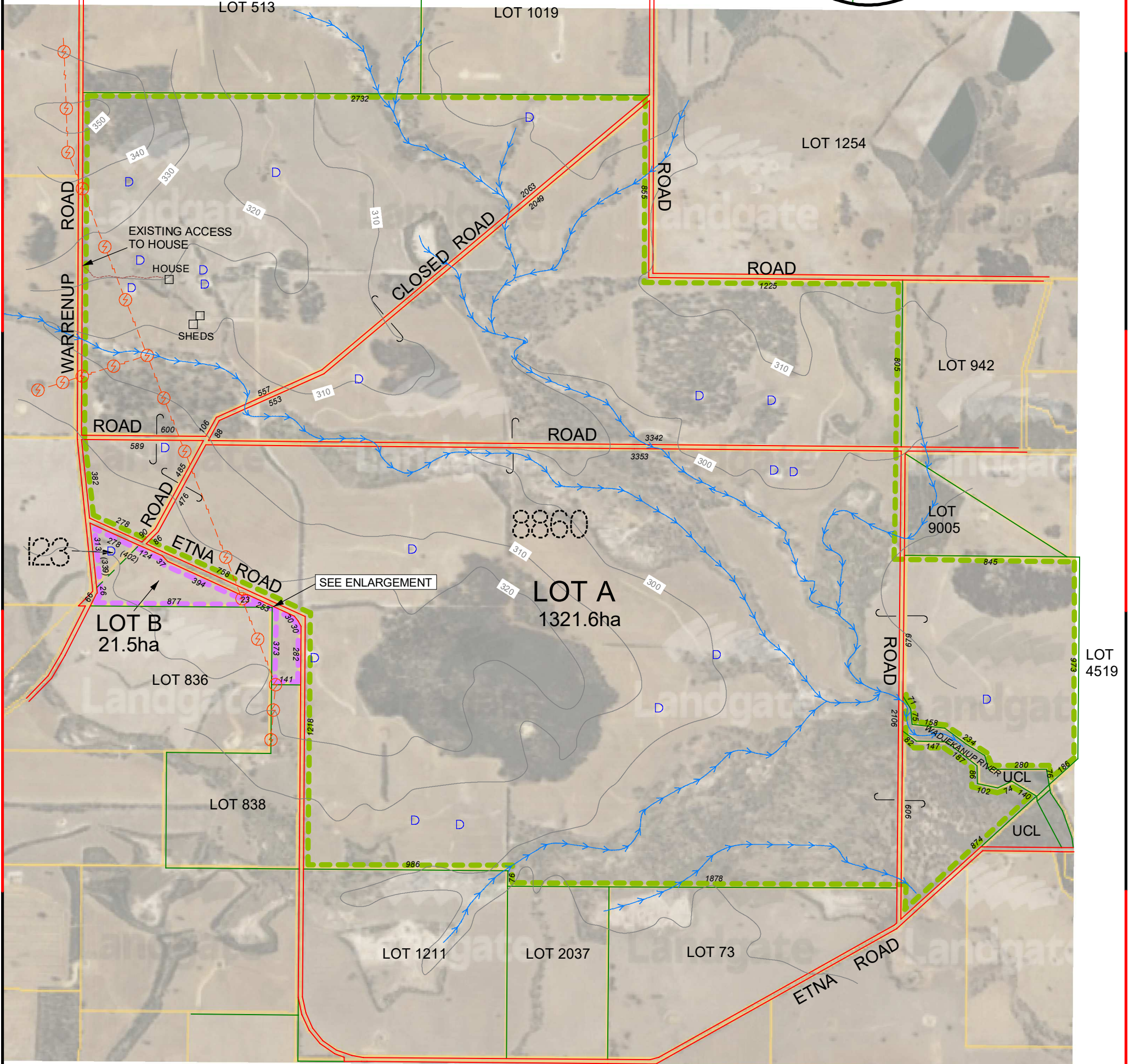
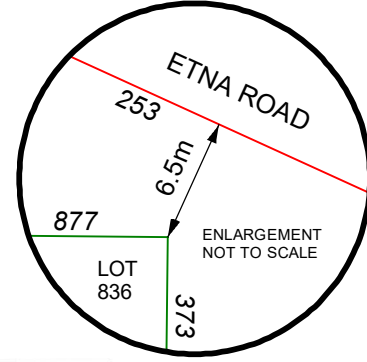


ORIGINAL LOT AREAS
 LOT 123 - 3.49ha
 LOT 8860 - 1339.62ha

NOTE: ALL BUILDINGS
 ARE TO BE RETAINED

DEPARTMENT OF PLANNING, LANDS
 AND HERITAGE

DATE	FILE
17-May-2024	200279



THIS PROPOSAL, DEALING WITH TWO LOTS, IS TO AMALGAMATE THE WESTERN SEVERANCE OF LOT 8860 (WEST OF ETNA RD) WITH LOT 123, TO CREATE A LOT ON THE WEST SIDE OF ETNA RD, AND SECOND LOT ON THE EAST SIDE OF ETNA RD



**LOTS 123 & 8860 (#2770) WARRENUP ROAD, BROOMEHILL WEST
 PROPOSED SUBDIVISION (BOUNDARY RE-ALIGNMENT)**

JOB No:	5851	SURVEY DATE:	APRIL 2024	ISSUE	DATE	TYPE	BY	CHKD
CLIENT:	ANDREW WOITHE	COORDINATE SYSTEM:	MGA2020	A	16/04/2024	ORIGINAL ISSUE	MA	MA
AUTHORITY:	SHIRE OF BROOMEHILL - TAMBELLUP	HEIGHT DATUM:	AHD			REVISION		
PLAN:	DIA. 7098 (LOT 123) DP205752 (LOT 8860)	SCALE:	1:20000			UPDATE		
C/T VOL. FOL.:	1479 / 966 (LOT 123) 4043 / 239 (LOT 8860)	ORIGINAL SHEET SIZE:	A3					
DRAWING No:	DWG5851-01	SEE LEGEND FOR IMPORTANT NOTES & DISCLAIMERS						


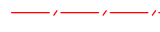







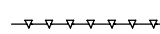
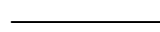

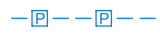



08 9842 3766

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Argyle Building, 46 Stirling Terrace, Albany WA 6330
 Unit 2B, 113 Dempster Street, Esperance WA 6450



LEGEND

	CADASTRAL BOUNDRY - K		ALIGNMENT CONTROL POINT (RRM) - PAC
	BRICK PAVING - BP		BENCHMARK - PBM
	EDGE OF CONCRETE L/R - SE/SF		CADASTRAL PEG or POST - POP
	BUILDING L/R - SY/SZ		PEG - PPG
	VERANDHA - SV		PHOTO POINT - PPH
	SHED - HD		SPRING HEAD NAIL - PSH
	STEPS OR STAIRS - SS		STAR IRON PICKET - PSI
	RAMP - SR		SPIKE - PSK
	HANDRAIL - SH		STANDARD SURVEY MARK (SSM) - PSM
	GATE - GG		MINOR CONTROL POINT - PSS
	FENCE - F0		TEMPORARY BENCHMARK - PTB
	KOPPA LOGGING FENCE - FC		GRASS TREE / PALM - PBB/PLM
	WALL L/R - SJ/SK		BUSH - PBU
	RETAINING WALL L/R - SL/SM		TREE 0.1-0.3m TRUNK DIA - PTA
	TREE CANOPY - GT		TREE 0.3-0.5m TRUNK DIA - PTD
	BUSH-LINE - GS Hedge GH		TREE 0.5-1.0m TRUNK DIA - PTF
	LAWN - GC		TREE >1.0m TRUNK DIA - PTG
	GARDEN BED - GD		TREE STUMP - PTY
	PARK BENCH / SEATING - BS		BOLLARD - PBL
	BANK TOP L/R - NT/NU WG/WF		FLAGPOLE - PFG
	BANK BOTTOM - NB		MAIL BOX - PMB
	RIDGE - NR		LITTER BIN - PLB
	LINE OF LEVELS - N0		SIGN ONE POLE - PIS
	ROCK OUTCROP L/R - GQ/GR		FINGER SIGN - PFS
	ROCK PITCHING - TR		SLK POST - PRK
	EDGE OF DRAIN L/R - DD/DE		BUS STOP - PBS
	DRAIN - D0		WATER METER - PWM
	CULVERT (PIPE) - DC		WATER TAP - PWT
	HEADWALL - DH		STOP VALVE - PSV
	EDGE OF WATER L/R - WL/WK		FLUSHING POINT - PWF
	CREEK UP/DOWNSTREAM - WB/WC WN/WM		WATER MAIN MARKER - PWR
	WET AREA - WA		STANDPIPE - PST
	FOOTPATH - GF		BOREHOLE/WATER BORE - PBH
	CENTRE OF ROAD - RC		SEWER INSP. SHAFT/PROPERTY CONN. - PSA/PPC
	ON ROAD (SEALED STRING) - R0		SEWER VENT - PSW
	KERB TOP BACK OF - RK		FIREHOSE REEL - PFH
	KERB BOTTOM / GULLY - RB		HYDRANT (GROUND) - PHG
	PEDESTRIAN RAMP - RP		HYDRANT PILLAR - PHP
	EDGE OF DRIVEWAY - RD		RETIC CONTROL VALVE - PSU
	TRACK - RT		METER BOX - PBO
	EDGE OF BITUMEN - RE		ELECTRIC POWER DOME - PED
	EDGE OF UNSEALED ROAD - RU		ELECTRIC CABLE MARKER - PSC
	SHOULDER - RS		POWER POLE - PPP
	LANE MARKINGS (Single Solid Line) - RR		ELECTRIC SUPPLY POLE - PPE
	LANE MARKINGS (1m Line With 3m Gap) - RV		STAY POLE - PSP
	LANE MARKINGS (3m Line With 9m Gap) - RM		STEEL WIRE ANCHOR - PWA
	OVERTAKING LANE (Solid Line & 3m Line) L/R - RJ/RO		GAS VALVE - PGV
	DOUBLE BARRIER LINE (Solid Lines) - RI		GAS MARKER - PGM
	PARKING BAY (REST AREA ETC) - RF		TELSTRA PIT or BOX - PPB
	GUARDRAIL - THRIE - BT		TELSTRA MARKER - PTM
	SIGN MULTIPLE POLES - RN		TELSTRA ELEVATED JOINT - PTJ
	BUS SHELTER - SB		GULLY - DG
	ON RAIL - RY		SIDE ENTRY PIT - DX
	WATER PIPE - QW // HW // WP		DRAINAGE MANHOLE - DW
	U/G DRAINAGE PIPE - QC // HC // DP		SEWERAGE MANHOLE - DS
	U/G SEWER PIPE - QS // HS // DA		ELECTRIC MANHOLE - EU
	U/G RETICULATION - QX // HX		TELSTRA MANHOLE - VM
	OVERHEAD POWER LINES - EA		UNDEFINED MANHOLE - DU
	U/G ELECTRIC CABLE - QE // HE		RAIL CABLE MANHOLE - DZ
	U/G GAS LINE - QG // HG		
	GAS CYLINDER/TANK - EK		
	U/G TELSTRA / OPTUS COPPER - QT // HT / QP // HP		
	U/G TELSTRA / OPTUS OPTIC FIBRE - QV // HV / QO // HO		
	U/G UNKNOWN U/G SERVICE - QU // HU		



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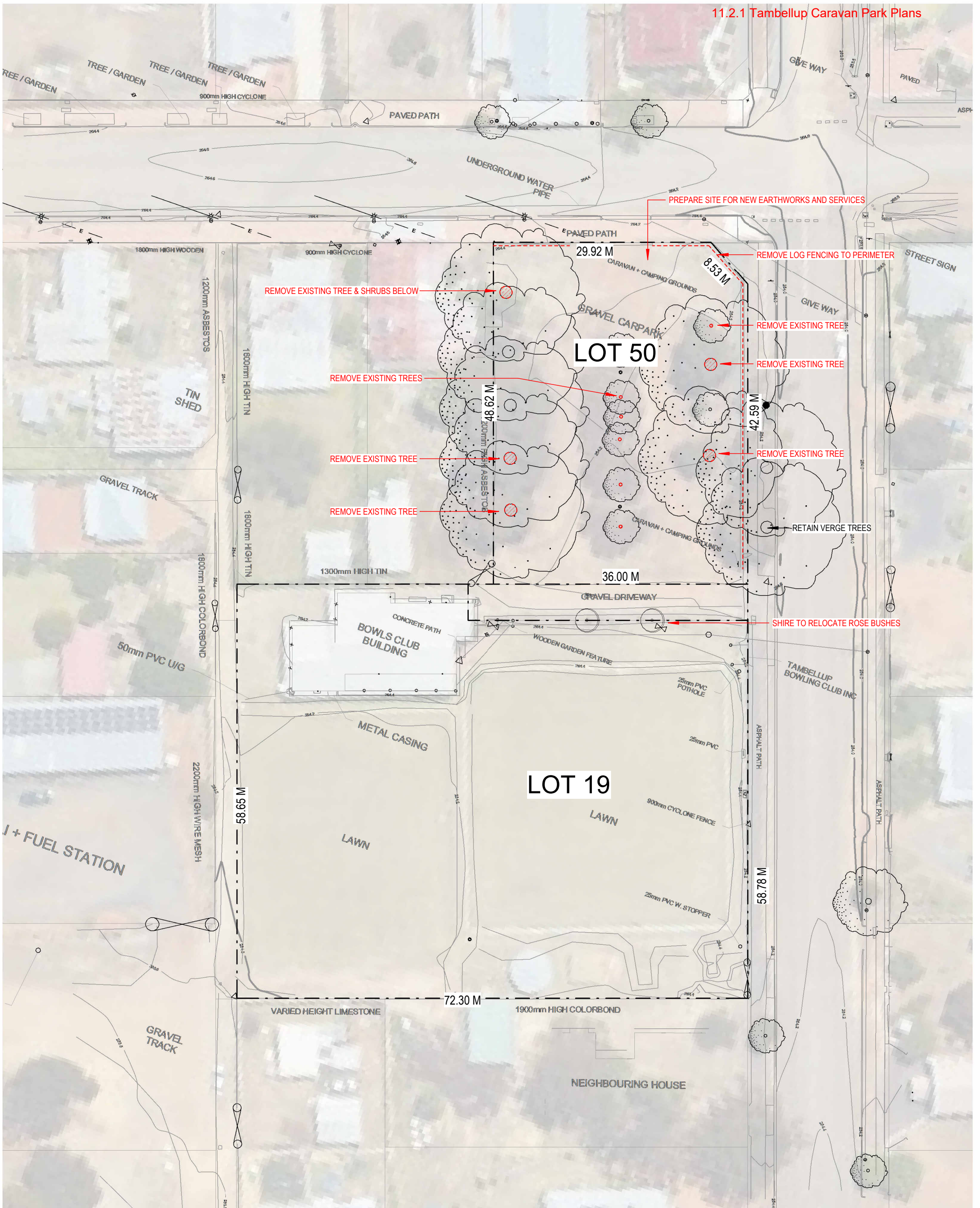
Disclaimer

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The information shown on this drawing is current as at the date of survey. Earthworks/setout dimensions may vary on site at builders discretion Sewer/drainage may vary from schematic presentation. Check minimum clearance. Retaining not included/in addition to contract remains owners responsibility. For easements check Certificate of Title. This is a site survey only, the location of boundary pegs or fences in relation to boundary is not guaranteed.

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1 SK01 - EXISTING SITE PLAN
1 : 500

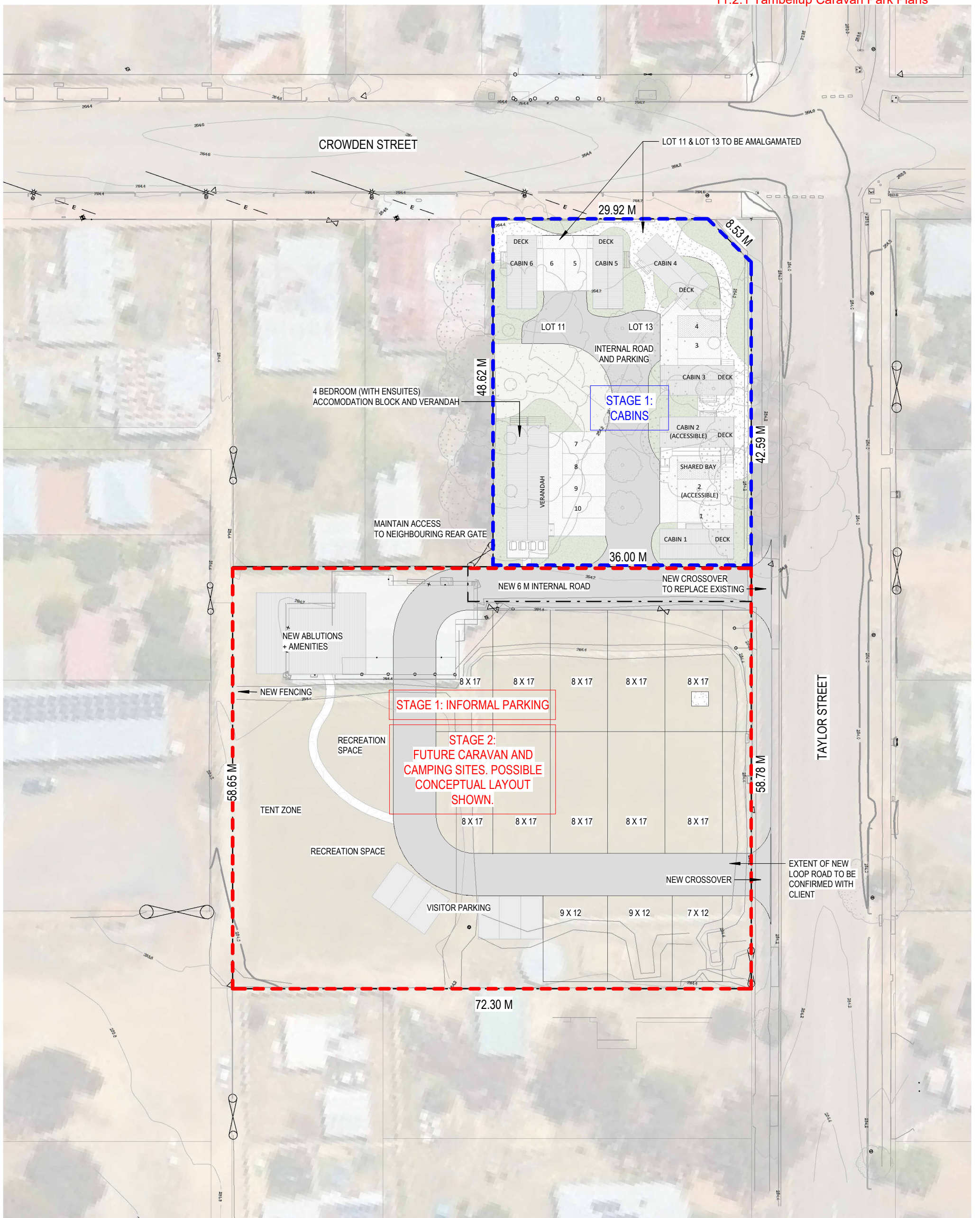
TAMBELLUP CARAVAN PARK
LOTS 50 CROWDEN ST & LOT 19 TAYLOR ST
SHIRE OF BROOMEHILL & TAMBELLUP

DRAWING No SK01
DRAWING EXISTING SITE PLAN
SCALE 1 : 500 @ A3
JOB NUMBER 0281-23
DATE 05.06.2024
DRAWN JG
ISSUE ISSUE FOR PLANNING



H+H architects

ALBANY 9842 5558
KALGOORLIE 9022 4015
BUNBURY 9778 9600



1

SK02 - PROPOSED SITE PLAN

1 : 500

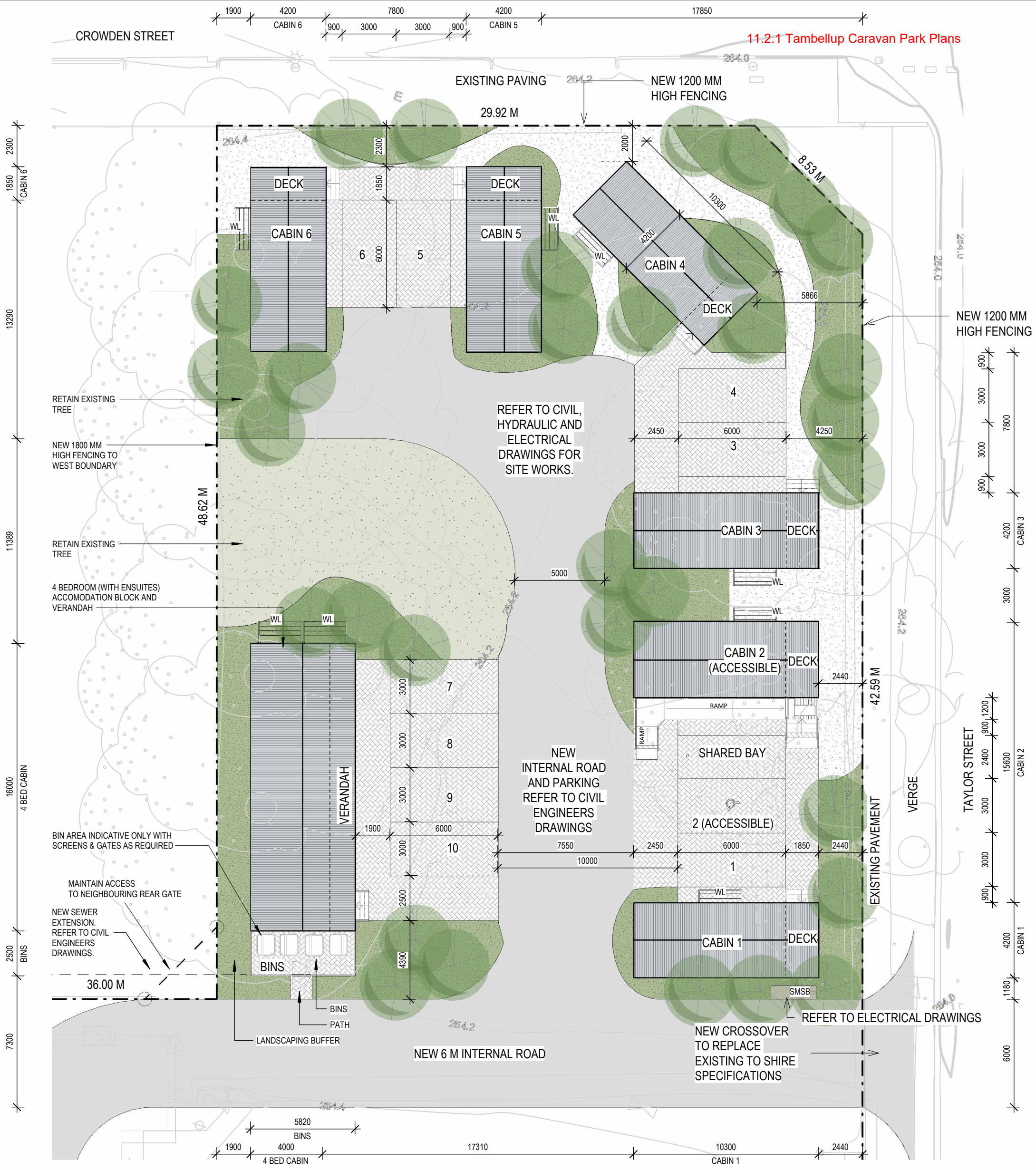
TAMBELLUP CARAVAN PARK
 LOTS 50 CROWDEN ST & LOT 19 TAYLOR ST
 SHIRE OF BROOMEHILL & TAMBELLUP

DRAWING No SK02
 DRAWING PROPOSED SITE PLAN
 SCALE 1 : 500 @ A3
 JOB NUMBER 0281-23
 DATE 05.06.2024
 DRAWN JG
 ISSUE ISSUE FOR PLANNING



H+H architects

ALBANY 9842 5558
 KALGOORLIE 9022 4015
 BUNBURY 9778 9600



1 SK03 - PROPOSED SITE PLAN.
1 : 200

- LEGEND**
- CABINS
 - DECKING
 - LANDSCAPING 1
 - CRUSHED ROCK MULCH
 - TRAFFICABLE PAVING
 - INTERNAL ROAD - BITUMEN
 - SELECTED LAWN
 - WL - WASHING LINE

NOTE:
PAVING LEVELS, RAMPS & STEPS TO BE FINALISED ONCE FINISHED FLOOR LEVELS OF EACH CABIN HAVE BEEN CONFIRMED.

<p>TAMBELLUP CARAVAN PARK</p> <p>LOTS 50 CROWDEN ST & LOT 19 TAYLOR ST</p> <p>SHIRE OF BROOMEHILL & TAMBELLUP</p>	<p>DRAWING No SK03 DRAWING SCALE 1 : 200 JOB NUMBER 0281-23 DATE 05.06.2024 DRAWN JG ISSUE</p> <p>PROPOSED SITE PLAN @ A3 ISSUE FOR PLANNING</p>			<p>ALBANY 9842 5558 KALGOORLIE 9022 4015 BUNBURY 9778 9600</p>
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GENERAL NOTES

- THE PIPELINE AND ASSOCIATED FITTINGS HAVE BEEN DESIGNED FOR A MAXIMUM ALLOWABLE OPERATING PRESSURES OF 1600 WATER HEAD (1600kPa).
- THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE SPECIFICATIONS AND THE CURRENT REVISIONS OF ALL OTHER RELEVANT DRAWINGS (INCLUDING WATER CORPORATION STANDARD DETAIL DRAWINGS. DISCREPANCIES SHALL BE REFERRED TO THE WATER CORPORATION PRIOR TO COMMENCEMENT OF WORKS.
- ALL LEVELS ARE METRIC AND ARE TO AUSTRALIAN HEIGHT DATUM (AHD). ALL COORDINATES ARE TO MAGS4 ZONE 50.
- DIMENSIONS RELEVANT TO SETTING OUT AND OFF SITE WORKS (FABRICATION) SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF WORKS. SHOP DRAWINGS SHALL BE PROVIDED TO THE DESIGN ENGINEER FOR REVIEW PRIOR TO FABRICATION. THE WATER CORPORATION RESERVES THE RIGHT TO REVIEW THE CONTRACTOR'S SET OUT PRIOR TO COMMENCEMENT OF CONSTRUCTION WORK.
- NO BLASTING OF ROCK IS PERMITTED UNLESS PREVIOUSLY APPROVED BY THE WATER CORPORATION AND ROAD / RAIL RESERVE MANAGER.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING EXISTING LIVE SERVICES AT ALL TIMES.
- DAMAGE TO EXISTING SERVICES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- PIPE SETOUT SHALL BE COMPLETED FROM THE PIPELINE 2D CAD STRING CONTAINED IN THESE DRAWINGS AND CHECKED ON SITE AGAINST THE DRAWING COORDINATES. DISCREPANCIES ARE TO BE REPORTED TO THE WATER CORPORATION PRIOR TO PROCEEDING.

ITEMWORKS NOTES

- THE CONTRACTOR SHALL SUBMIT A CLEARING PLAN PRIOR TO COMMENCEMENT OF WORKS.
- TOPSOIL TO BE STOCKPILED AND REPLACED AFTER LAYING PIPELINE WHERE APPLICABLE.
- EXISTING VEGETATION TO BE CLEARED OR TRIMMED AS REQUIRED. REMOVAL OF TREES AND VEGETATION SHALL BE KEPT TO A MINIMUM. NO TREES SHALL BE REMOVED WITHOUT THE APPROVAL OF THE LOCAL AUTHORITY. THE CONTRACTOR SHALL PROVIDE A PROPOSED CLEARING PLAN FOR APPROVAL BY THE LOCAL AUTHORITY.
- REINSTATEMENT OF THE CONSTRUCTION CORRIDOR SHALL BE IN ACCORDANCE WITH THE SPECIFICATION.
- CLEARANCE TO WORKS ARE AS INDICATED IN THE PLAN AND LONG SECTION DRAWINGS. IN ADDITION, THE CONTRACTOR SHALL REQUIRE A CLEARANCE TO WORKS FOR MOBILISATION TO SITE.

EXISTING SERVICE NOTES

- ALIGNMENTS SHOWN FOR BURIED SERVICES ARE INDICATIVE ONLY. INVERT LEVELS ON ALL EXISTING BURIED SERVICES SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF CONSTRUCTION. ANY CLASHES SHALL BE RAISED WITH THE WATER CORPORATION FOR DIRECTION.
- THE CONTRACTOR IS TO LOCATE AND PROTECT EXISTING SERVICES PRIOR TO START OF EXCAVATION. DURING CONSTRUCTION THE CONTRACTOR SHALL SUPPORT AND PROTECT EXISTING SERVICES.

GENERAL PIPING NOTES

- THE PIPELINE TEST PRESSURE SHALL BE 160m HEAD (1600kPa) AT THE LOWEST POINT OF THE MAIN WITH TESTING IN ACCORDANCE WITH THE SPECIFICATION. THE CONTRACTOR IS TO CALCULATE THE TEST PRESSURE AT THE GAUGE LOCATION AND PROVIDE THE CALCULATIONS TO WATER CORPORATION FOR ACCEPTANCE PRIOR TO PRESSURISING THE PIPE.
- EXACT LOCATIONS OF SCOUR AND AIR VALVES SHALL BE DETERMINED ON SITE WITH CONSIDERATION OF THE PROPOSED DESIGN LOCATION. ADJUSTMENT FROM DESIGN SHALL REQUIRE THE WATER CORPORATION'S APPROVAL. PROVIDE AN ACCURATE 30 AS CONSTRUCTED SURVEY OF THE LOCATION OF AIR/SCOUR VALVES AND ASSOCIATED PITS AND LIDS.
- THE MINIMUM VERTICAL CLEARANCE BETWEEN THE PROPOSED PIPELINE AND OTHER EXISTING PIPELINES OR UTILITIES SHALL BE:
 - 150mm FOR PIPELINES UP TO DN300
 - 300mm FOR PIPELINES LARGER THAN DN300
- INVERT LEVELS SHOWN ON LONGITUDINAL SECTIONS ARE TO BE ADHERED TO UNLESS ON-SITE CONDITIONS DETERMINE THAT COVER AND/OR GRADE CANNOT BE ACHIEVED. CHANGES REQUIRE PRIOR APPROVAL OF THE WATER CORPORATION AND ROAD / RAIL RESERVE MANAGER.
- MINIMUM FINISHED COVER DEPTH OVER DN300 PIPE TO BE 750mm UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL NOTE THAT PIPES MAY NOT BE FULLY RESISTANT AGAINST FLOTATION UNLESS FULLY BACKFILLED.
- ALL VALVES SHALL BE SUPPLIED IN ACCORDANCE WITH THE RELEVANT WATER CORPORATION STRATEGIC PRODUCTS SPECIFICATION UNLESS OTHERWISE NOTED.
- PIPELINES SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE SPECIFICATION, MANUFACTURER'S RECOMMENDATIONS AND WATER CORPORATION STANDARDS. ANY DEVIATION SHALL BE SUBJECT TO ACCEPTANCE BY THE WATER CORPORATION.
- ALL MEMBERS OF PIPE LAYING CREW TO BE ACCREDITED IN PIPE LAYING THROUGH A PIPE LAYING ACCREDITATION COURSE OR EQUIVALENT FOR THAT PIPE MATERIAL. SUPPLY CERTIFICATION TO THE SUPERINTENDENT.
- ALL CONNECTIONS TO EXISTING WATER MAINS SHALL BE DONE BY THE CONTRACTOR UNDER WATER CORPORATION SUPERVISION. ALLOW SUFFICIENT TIME (MINIMUM 21 DAYS) FOR CUSTOMER NOTIFICATIONS AND ISOLATION PLANS TO BE ARRANGED BY THE WATER CORPORATION.
- FOR DETAILS OF AIR VALVES AND SCOUR VALVES REFER TO THE RELEVANT DETAIL DRAWINGS.
- REFER TO THE SPECIFICATION REGARDING ADDITIONAL ALLOWANCES FOR DISCREPANCIES IN HORIZONTAL AND VERTICAL ALIGNMENT.
- THE CONTRACTOR IS TO SITE MEASURE ALL CONNECTION FITTINGS AND CONFIRM SIZE, ALIGNMENT AND LEVELS OF EXISTING WATER MAINS AT CONNECTION PRIOR TO FABRICATION OF CONNECTION FITTINGS.
- PIPELINE MARKERS WITH "WATER" (MAG20978) LABEL SHALL BE INSTALLED TO INDICATE ALIGNMENT AT INTERVALS NOT EXCEEDING 500m AND AT CHANGES IN HORIZONTAL ALIGNMENT ± 10'. FOR LABEL DETAILS REFER TO WATER CORPORATION DRAWING KA76-1-2.
- PROPOSED CARRIER PIPES WITHIN SLEEVES SHALL HAVE THE ANNULUS FULLY GROUTED. THE GROUT SHALL BE IN ACCORDANCE WITH WATER CORPORATION'S TRENCHLESS TECHNIQUE MODULAR SPECIFICATION - "GROUTING OF ANNULUS BETWEEN ENCASEMENT AND CARRIER PIPE"
- ALL DEFLECTION ANGLES PROVIDED ARE "DESIGN" ANGLES ONLY.
- NO TRENCH TO BE LEFT OPEN OVERNIGHT. TRENCHES MUST BE BACKFILLED TO NATURAL SURFACE LEVEL UPON COMPLETION. ONGOING WORKS EXPOSED AND TIE-IN POINTS NEEDED TO BE OPEN SHALL BE COVERED AND SECURED TEMPORARILY.
- CONCRETE SHALL BE N40 MIN. AND PLACED IN ACCORDANCE WITH AS 3600 UNLESS OTHERWISE NOTED.
- AFTER COMMISSIONING OF THE NEW PIPELINE, THE REDUNDANT PIPELINE IS TO BE DECOMMISSIONED AND REMOVED WHERE SHOWN ON THE DRAWINGS OR FULLY GROUT FULLED AND ENDS SURVEYED. THE GROUT SHALL BE IN ACCORDANCE WITH WATER CORPORATION'S TRENCHLESS TECHNIQUE MODULAR SPECIFICATION - "GROUTING OF ANNULUS BETWEEN ENCASEMENT AND CARRIER PIPE"
- EXISTING IRRIGATION RETICULATION TO BE REINSTATED TO THE SPECIFICATION OF THE LOCAL AUTHORITY.
- DAMAGED GRASS AREAS ALONG THE PIPELINE ROUTE TO BE REINSTATED TO THE SPECIFICATION OF THE LOCAL AUTHORITY.
- THE CONTRACTOR IS TO INSTALL TEMPORARY SUPPORT TO PROTECT EXISTING DRAINAGE PIPES AND OTHER ADJACENT INFRASTRUCTURE DURING THE NEW PIPE INSTALLATION.
- CATHODIC PROTECTION SYSTEM INSTALLATION IS NOT APPLICABLE ~~SHALL BE IN ACCORDANCE WITH THE DESIGN DRAWINGS AND WATER CORPORATION DESIGN STANDARDS DS-65~~. NOTE: THE PROPOSED PIPE ALIGNMENT IS TO MAINTAIN ELECTRICAL CONTINUITY ALONG THE PIPE LENGTH. NO CP SYSTEM IS LOCATED IN THE VICINITY OF THE WORKS. INFORM THE WATER CORPORATION IF CP COMPONENTS ARE DISCOVERED WITHIN THE WORKS AREA.
- FOOTPATH REINSTATEMENT SHALL BE IN ACCORDANCE WITH THE LOCAL AUTHORITY SPECIFICATION.
- CONTAMINATED SOIL DISPOSAL AND Dewatering SHALL BE IN ACCORDANCE WITH PROJECT ACID SULPHATE SOIL AND Dewatering MANAGEMENT PLAN WHERE RELEVANT.

MSCL PIPE NOTES

- MSCL PIPE DIMENSIONS TO BE AS STATED IN WATER CORPORATION SP5100, UNLESS NOTED OTHERWISE.
- FABRICATION AND SITE WELDING MUST BE BY WATER CORPORATION APPROVED PAINT CONTRACTORS.
- ALL MSCL PIPE AND FITTINGS SHALL BE CEMENT MORTAR LINED TO AS 1281, REPAIRS AND REINSTATEMENT OF CEMENT MORTAR LINING SHALL BE IN ACCORDANCE WITH WATER CORPORATION DESIGN STANDARD DS-95 COATING SPECIFICATION MB.
- MSCL PIPE FABRICATION DETAILS TO BE TO AS 4041 PIPEWORK CLASS 2P. WELDED JOINTS TO BE AS SHOWN ON AY58-19-1 AND AY58-19-2 IN THE WATER CORPORATION PIPE FITTINGS MANUAL AND THE WATER CORPORATION WELDING SPECIFICATION WS-1.
- FLANGES:
 - TO BE TO AS 4087 CLASS 16.
 - BOLT HOLES TO BE DRILLED OFF CENTRE (U.N.O.).
 - AFTER MACHINING, ALL FLANGES TO BE SPRAYED WITH A SILICON BASED WATER REPELLENT FINISHING.
- FLANGE BOLTING:
 - FOR CLASS 16 FLANGES, ALL BOLTS TO BE ISO METRIC GRADE 8.8 TO AS 1111 WITH GRADE 8 NUTS TO AS 1112. TORQUE AS PER SECTION 5.1 OF DS38-02
 - BOLTS AND NUTS TO BE HOT DIP GALVANISED TO AS 1214.
- GASKETS: TO BE CLASS 16 EPDM FULL FACE FLANGE GASKETS (EXCEPT AT INSULATED FLANGE JOINTS) TO BE 3mm THICK IN ACCORDANCE WITH DS38-02.
- INSULATED FLANGE JOINTS:
 - 3mm THICK FULL FACE COMPRESSED FIBRE GASKET.
 - G10 GLASS FIBRE INSULATING WASHERS.
 - MYLAR INSULATING SLEEVES.
- ALL MSCL PIPEWORK AND FITTINGS SHALL BE COATED IN ACCORDANCE WITH THE WATER CORPORATION DESIGN STANDARD DS-95 AS FOLLOWS:
 - BURIED PIPEWORK
 - WORKSHOP MANUFACTURED STRAIGHT SECTION JOINTS AND RADIIUSED BENDS INTENDED FOR BURIED APPLICATION SHALL BE SINTAKOTE COATED. HEAT SHRINK SLEEVE OF THE WATER CORPORATION ACCESS / INSPECTION OPENINGS. APPROVAL OF THE WATER CORPORATION.
 - CROUCH PLATED TEES, ACCESS INSPECTION OPENINGS, AIR VALVE OFF-TAKES AND SCOUR OFF-TAKE SPIGOTS SHALL BE SINTAKOTE COATED, UNLESS OTHERWISE APPROVED BY THE WATER CORPORATION. ACCESS / INSPECTION OPENINGS, AIR VALVE OFF-TAKE / SPIGOT, SCOURS OFF-TAKE / SPIGOT SHALL BE SINTAKOTE COATED, UNLESS OTHERWISE APPROVED BY THE WATER CORPORATION. TAPE WRAPPING NOT APPLICABLE TO AIR/ SCOUR VALVE OFF-TAKES.
 - BURIED STEEL PIPELINE WELDED JOINTS AND GASKETS TO MAJOR DAMAGE TO THE SINTAKOTE COATING SHALL BE COATED USING HEAT SHRINK WRAPPING IN ACCORDANCE WITH THE WATER CORPORATION COATING SPECIFICATION L2. MINOR DAMAGE TO SINTAKOTE COATING SHALL BE REPAIRED USING CANUSKA HEAT SHRINK REPAIR PATCHES IN ACCORDANCE WITH THE WATER CORPORATION COATING SPECIFICATION L1.
 - BURIED STEEL PIPELINE WELDED JOINTS THAT HAVE A SHORT RADIUS AND ARE NOT PRACTICAL FOR HEAT SHRINK COATINGS APPLICATION SHALL BE WRAPPED USING 3 STEP BUTYL MASTIC TAPE WRAPPING SYSTEM IN ACCORDANCE WITH THE WATER CORPORATION COATING SPECIFICATION L1-SYSTEM D
 - FLANGED JOINTS, BOLTED CONNECTIONS, VALVE BODY ASSEMBLY BOLTS AND MECHANICAL TAPE WRAPPING SYSTEM IN ACCORDANCE WITH THE WATER CORPORATION COATING SPECIFICATION L1.
 - COATINGS TO BE BURIED SHALL BE APPROVED BY THE WATER CORPORATION PRIOR TO BACKFILLING UNLESS SHOWN OTHERWISE ON THE DRAWINGS.
 - INORGANIC ZINC SILICATE (I.Z.S.) COATINGS OR PIPES AND FITTINGS DAMAGED DURING TRANSIT OR BY FIELD WELDING SHALL BE REINSTATED BY THE APPLICATION OF TWO OR MORE COATS OF EPOXY ZINC RICH COATING "INTERNATIONAL INTERZINC 72" OR "AMERON AMERCOAT 471" OR APPROVED EQUIVALENT IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND COATING SPECIFICATION H3 OF THE WATER CORPORATION DESIGN STANDARD DS-95.
- "SINTAKOTE" COATING AT SITE WELDED JOINTS TO BE SET BACK 150mm FROM END OF PIPE. TAPE WRAPPING SHALL OVERLAP THE "SINTAKOTE" COATING A MINIMUM OF 150mm.
- "SINTAKOTE" COATING AT WORKSHOP WELDED JOINTS TO BE SET BACK 100mm FROM END OF PIPE. "SINTAKOTE" TO BE REINSTATED AND OVERLAP THE EXISTING COATING BY 150mm.
- REFER TO WATER CORPORATION SPECIFICATION WS-1 FOR DETAILS OF WELDING REQUIREMENTS.
- PRESSURE TESTING MAX. 1600kPa AND REQUIREMENTS TO BE IN ACCORDANCE WITH THE SPECIFICATION.

MSCL PIPE FABRICATION NOTES

- ALL MSCL PIPE FITTINGS HAVE BEEN DESIGNED FOR AN ALLOWABLE OPERATING PRESSURE OF 1600 kPa.
- ALL PIPE AND FITTINGS HAVE BEEN DESIGNED IN ACCORDANCE WITH AS 4041 CLASS 2P WITH A WELD EFFICIENCY OF 0.85. NOT AND HYDROSTATIC TESTING SHALL BE CARRIED OUT IN ACCORDANCE WITH AS 4041 AND AS 4037.
- ALL MILD STEEL PIPE FITTINGS SHALL BE LINED UTILISING RENDOCOR H340 PRE-MIX CEMENT MORTAR WITH NITROBOND HAR PRIMER OR PENTAIR EZELINE. PREMIXED MATERIALS SHALL BE IN ACCORDANCE WITH WATER CORPORATION DESIGN STANDARD DS-95. LINING THICKNESS SHALL COMPLY WITH AS 1281. REPAIRS AND REINSTATEMENT OF CEMENT MORTAR LINING SHALL BE IN ACCORDANCE WITH WATER CORPORATION DESIGN STANDARD DS-95 COATING SPECIFICATION MB.
- FITTINGS FABRICATION TO BE TO AS 4041 PIPEWORK CLASS 2P AND WATER CORPORATION METAL ARC WELDING SPECIFICATION WS-1. WELDING PREUREDURE SHALL BE APPROVED BY THE WATER CORPORATION PRIOR TO WELDING. STEEL FLANGES TO BE PLAIN FLANGES TO AS 4087 WITH FLANGE WELDING AS PER DRAWING AY58-19-1. BOLT HOLES TO BE DRILLED OFF CENTRE (U.N.O.). AFTER MACHINING, ALL FLANGES TO BE COATED WITH "CHESTERTON 740 HEAVY DUTY RUSTGUARD".
- ALL SITE WELDED BANDED JOINTS (WB) SHALL BE MADE USING WELDING BANDS IN ACCORDANCE WITH WATER CORPORATION'S "PIPE FITTINGS MANUAL - DS-65".
- PROVIDE LIFTING LUGS AS PER DRAWING AY58-16-1 IN THE WATER CORPORATION PIPE FITTINGS MANUAL ON ALL FITTINGS WHERE NECESSARY.
- PIPE FITTING ITEM NUMBER TO BE CLEARLY MARKED ON ALL FITTINGS.
- ALL FITTINGS SHALL BE FABRICATED FROM STD "SP5-100" PIPE AND GRADE 300 MIN. STEEL PLATE UNLESS SHOWN OTHERWISE.
- STANDARD MSCL PIPE FITTINGS ARE NOT DETAILED AND ARE TO BE FABRICATED IN ACCORDANCE WITH WATER CORPORATION DESIGN STANDARD DS-65 - PIPE FITTINGS STANDARD.
- ALL WELDED FIELD JOINTS FOR DN 800 AND LARGER SHALL ALSO BE WELDED INTERNALLY AND SHALL BE PNEUMATICALLY PRESSURE TESTED, SEE AY58-20-1.

- STEEL PIPE SHALL BE MSCL "SINTAKOTE" JOINTED AS SHOWN ON THE DRAWINGS AND SEAL-WRAPPED AS SPECIFIED.
- ALL FLANGES SHALL BE TO AS 4087 PN16. FLANGE BOLT HOLES SHALL BE DRILLED AND SPACED EQUALLY OFF PIPE OR PIPE FITTING CENTRELINE. FLANGES SHALL BE MACHINED FOR FULL FACE GASKET. ALL FLANGES SHALL BE GIVEN A REMOVABLE PROTECTIVE COATING AFTER MACHINING.
- PIPE TO BE "BRU-WR" SINTAKOTE TYPE 1 WELDED JOINT PIPE WITHIN THE CONCRETE SLEEVE. OTHER PIPES MAY USE PLAIN ENDS AND JOINED AS INDICATED IN THE DRAWINGS. ALL STEEL PIPE TO BE PE COATED TO AS4321. PIPE WALL YIELD STRENGTH TO BE 300MPa MIN. STRENGTH.
- MSCL PIPELINES SHALL COMPLY WITH AS1579. BUT END MSCL PIPE TO BE JOINED USING BANDED JOINTS BANDED JOINTS SHALL BE IN ACCORDANCE WITH WATER CORPORATION STANDARD DRAWING AY58-19-1 AND THE BAND SHALL BE 10mm THICK AND MATERIAL TO STEEL MANUFACTURERS MANUAL "SINTAKOTE" STEEL PIPELINE SYSTEM
- MSCL PIPE TO BE LAID IN STRICT ACCORDANCE WITH THE STEEL MANUFACTURERS HANDLING AND INSTALLATION MANUAL.
- SITE WELDED STEEL PIPE JOINTWORK, DAMAGED MSCL PIPEWORK COATINGS AND UNCOATED MSCL PIPEWORK SHALL BE PROTECTED BY MEANS OF A PLASTIC BACKED MODIFIED BUTYL RUBBER ADHESIVE TAPE SYSTEM SUCH AS "DEMOSPOL ROCKRAP 400 (DMSO 780)" OR APPROVED EQUIVALENT IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS. SHOP COATINGS SHALL BE SET BACK 150mm FROM END OF PIPE WHERE A JOINT IS TO BE SITE WELDED. REFER WATER CORPORATION STANDARD DRAWING AY58-19-1. BURIED FLANGES AND SITE WELDED JOINTS SHALL BE FIELD WRAPPED AS SPECIFIED. SINTAKOTE COATED MSCL PIPE USED TO FABRICATED PIPE FITTINGS-THE COATING SHALL BE STRIPPED BACK TO A MINIMUM OF 100mm AWAY FROM THE WELD JOINT (REFER TO WS1 WELDING SPEC).
- MSCL PIPE WELDING SHALL BE IN ACCORDANCE WITH AS 4041 PIPEWORK CLASS 2P.
- DAMAGE TO PIPE CEMENT LINING WORK SHALL BE REPAIRED IN ACCORDANCE WITH THE PIPE MANUFACTURERS PRINTED REPAIR SPECIFICATION.
- CBJ - CONVEX BANDED JOINT WELDING. BAND SHALL BE WELDED OVER EACH SPHERICAL SLIP IN JOINT AS SHOWN ON THE WATER CORPORATION STANDARD DRAWING AY58-13-2/AY58-19-1. I/P PROFILE FOR DN800 PIPE AND LARGER.
- HIGH VOLTAGE SPARK TESTING SHALL BE CARRIED OUT IN THE WRAPPING BY THE CONTRACTOR IN ACCORDANCE WITH THE TAPE MANUFACTURERS RECOMMENDED PRACTICE AND WITNESSED BY THE WATER CORPORATION.
- TO SATISFY THE MANUFACTURERS REQUIREMENTS FOR JOINT INTEGRITY THE MAXIMUM ALLOWABLE JOINT DEFLECTION FOR PIPE SHALL BE:-
- UP TO 3.00° : SINGLE JOINT DEFLECTION
- UP TO 8.00° : MULTIPLE JOINT DEFLECTION OR FABRICATED BEND FITTING WITH BANDED CONNECTIONS EITHER SIDE.
- GREATER THAN 8.00° : FABRICATED BEND FITTING WITH BANDED CONNECTIONS
- FLANGE GASKETS: GASKETS FOR DN100 TO DN500 SHALL BE 3mm THICK FULL FACE EPDM GASKET OF DURIMETER HARDNESS OF 70 ± 5. DN150 AND DN100 SHALL BE FULL FACE GASKETS. DN200 TO DN500 SHALL BE NARROW FACE GASKETS.
- GASKETS FOR DN600 AND ABOVE SHALL BE COMPRESSED FIBRE GASKETS AS PER APPENDIX A, AS 4087 - REFER NOTE 6 & 7 (MSCL PIPE NOTES). BOLT TORQUE SHALL BE AS PER WATER CORPORATION STANDARD DRAWING AY58-17-1.

MSCL PIPE ABBREVIATIONS

- MSCL : MILD STEEL CEMENT MORTAR LINED
- WJ-SIJ : SPHERICAL SLIP-IN (WELDED) JOINT PIPE
- WB : FLAT WELDED BAND JOINT
- IFJ : INSULATED FLANGE JOINT
- CBW: FLAT WELDED BAND WITH CONVEX WELDED BAND
- CBJ: CONVEX WELDED BAND JOINT OVER A WJ-SIJ

AS CONSTRUCTED INFORMATION

- PIPEWORK (INCLUDES PIPE BENDS, THRUST BLOCKS, VALVES AND FITTINGS) "AS CONSTRUCTED" INFORMATION IS TO BE RECORDED IN 3D SURVEY AND IN "RED" ON A CLEAN SET OF THE DESIGN DRAWINGS PRIOR TO BACKFILLING, IN ACCORDANCE WITH THE SPECIFICATION.
- GENERAL
 - AS CONSTRUCTED INFORMATION FOR WORKS SHALL BE ACQUIRED AND PREPARED BY A QUALIFIED ENGINEERING SURVEYOR HAVING EXTENSIVE EXPERIENCE IN THE PROVISION OF AS CONSTRUCTED INFORMATION.
 - AS CONSTRUCTED INFORMATION SHALL BE SIGNED BY THE APPOINTED ENGINEERING SURVEYOR. ALL WORK REQUIRED FOR ACCURATE SURVEY AND MARKING-UP OF AS CONSTRUCTED INFORMATION SHALL BE CARRIED OUT.
- AS CONSTRUCTED INFORMATION QUALITY
 - AS CONSTRUCTED INFORMATION SHALL BE PROGRESSIVELY MARKED UP DURING THE WORKS IN A STRONG AND BOLD RED INK ON A COMPLETE SET OF AT SIZE DRAWINGS.
 - THE CONTRACTOR SHALL ANNOTATE 'AS-CONSTRUCTED' DETAILS INCLUDING CHANGES AS THE CONSTRUCTION OF THE WORKS PROCEEDS.
 - ALL INFORMATION THAT IS NOT IN ACCORDANCE WITH THE DRAWINGS SHALL BE CROSSED OUT AND THE CORRECT AND ALL OTHER ADDITIONAL INFORMATION ENTERED AND SHOWN IN RED.
 - THE ELECTRONIC DRAFTING OF AS CONSTRUCTED INFORMATION SHALL BE IN ACCORDANCE WITH WATER CORPORATION'S DRAWING STANDARDS MANUAL DS88.

WATER CORPORATION MODULAR SPECIFICATIONS

- GP - GENERAL PRELIMINARIES
- CA - CONCRETE ACCESS CHAMBERS AND LINERS SPECIFICATION MODULE
- CATP - CATHODIC PROTECTION SPECIFICATION MODULE
- COM - COMMISSIONING SPECIFICATION MODULE
- CON - CONCRETE GENERAL SPECIFICATION MODULE
- CPP - CORROSION PROTECTION PIPELINES SPECIFICATION MODULE
- EP - EXCAVATION FOR PIPELINES SPECIFICATION MODULE
- ET - TESTING OF FOUNDATION EMBEDMENT TRENCHFILL AND EARTHWORKS SPECIFICATION MODULE
- ETP - EMBEDMENT AND TRENCH-FILL SPECIFICATION MODULE
- FI - FLANGES INSTALLATION SPECIFICATION MODULE
- MI - MECHANICAL INSTALLATION SPECIFICATION MODULE
- MW - METALWORK
- PL - PIPES AND PIPELAYING SPECIFICATION MODULE (2)
- PI - PIPELINE PRESSURE TESTING MODULE
- QA - QUALITY ASSURANCE SPECIFICATION MODULE
- RR - RESTORATION AND ROADWORKS SPECIFICATION MODULE
- SI - STEEL PIPES AND PIPE LAYING SPECIFICATION MODULE (1)
- TT - TRENCHLESS TECHNIQUES
- WS-1 WELDING SPECIFICATION

G.S.T.W.S. KATANNING NKC EXTENSION TO GNCWANGERUP & 4500M3 BROOMEHILL ELEVATED TANK REALIGNMENT UNDER RAIL RESERVE - GREAT SOUTHERN HWY GENERAL NOTES

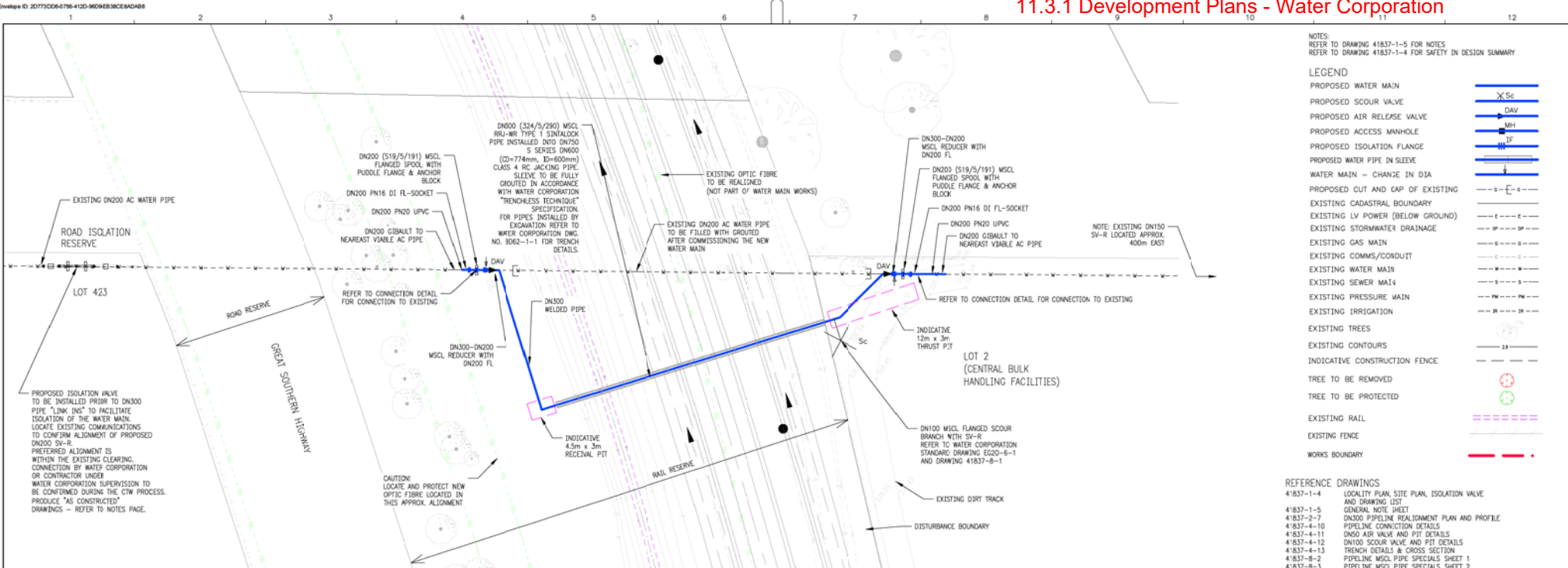
FILE 161882669 PLAN PWD
PROJECT CW26332 41837-1-5
CAD ISSUE A MF

ORIGINAL SHEET SIZE A1

25. MAXIMUM MSCL PIPE JOINT DEFLECTION IS 2°	DESIGN SURVEY NONE	VERTICAL DATUM AHD	DES CALC DKELY	NORTH POINT	ISSUE DATE 04/2024	RECOMMENDED J.BURBANO
	ASCON SURVEY NONE	COORDINATE SYS UJBRUNBANO	DES CHD J.BURBANO		SENIOR ENGINEER	
		DES REF	DIN DKELY		APPROVED D.KELY	
			QC CHD J.BURBANO		PRINCIPAL INFRASTRUCTURE ENGINEER	



11.3.1 Development Plans - Water Corporation



- NOTES:**
 REFER TO DRAWING 41837-1-5 FOR NOTES
 REFER TO DRAWING 41837-1-4 FOR SAFETY IN DESIGN SUMMARY
- LEGEND**
- PROPOSED WATER MAIN
 - PROPOSED SCOUR VALVE
 - PROPOSED AIR RELEASE VALVE
 - PROPOSED ISOLATION FLANGE
 - PROPOSED WATER PIPE IN SLEEVE
 - WATER MAIN - CHANGE IN DIA
 - PROPOSED CUT AND GAP OF EXISTING EXISTING CADASTRAL BOUNDARY
 - EXISTING LV POWER (BELOW GROUND)
 - EXISTING STORMWATER DRAINAGE
 - EXISTING GAS MAIN
 - EXISTING COMMS/CONDUIT
 - EXISTING WATER MAIN
 - EXISTING SEWER MAIN
 - EXISTING PRESSURE MAIN
 - EXISTING IRRIGATION
 - EXISTING TREES
 - EXISTING CONTOURS
 - INDICATIVE CONSTRUCTION FENCE
 - TREE TO BE REMOVED
 - TREE TO BE PROTECTED
 - EXISTING RAIL
 - EXISTING FENCE
 - WORKS BOUNDARY

- REFERENCE DRAWINGS**
- 41837-1-4 LOCALITY PLAN, SITE PLAN, ISOLATION VALVE AND DRAWING LIST
 - 41837-1-5 GENERAL NOTE SHEET
 - 41837-2-7 DN200 PIPELINE REALIGNMENT PLAN AND PROFILE
 - 41837-4-10 PIPELINE CONNECTION DETAILS
 - 41837-4-11 DN50 AIR VALVE AND PIT DETAILS
 - 41837-4-12 DN100 SCOUR VALVE AND PIT DETAILS
 - 41837-4-13 TRENCH DETAILS & CROSS SECTION
 - 41837-B-2 PIPELINE MSCL PIPE SPECIALS SHEET 1
 - 41837-B-3 PIPELINE MSCL PIPE SPECIALS SHEET 2
- WATER CORPORATION REFERENCE DRAWINGS**
- A158-2-1-1 CONCENTRIC REDUCER
 - A158-1-4-1 FOUR SEGMENT BEND TO AS 4041
 - A158-1-4-1 PROSED BENDS SOP STD
 - B062-1-1 TYPICAL COVER, BEDDING AND BACKFILL
 - E020-8-1 SCOUR VALVE PIT
 - E020-8-3 CONVERSION SLAB FRAME AND COVER
 - A158-19-1 M.S.C.L WELDED PIPE JOINT
 - A158-15-1 FLANGE WELDING PN16 & PN21
 - A158-13-1 WELDING BAND PIPE JOINT FLAT PROFILE
 - A158-8-3 FLANGED MATCHING PIECE DN100 TO DN400
 - A217-3-1 VALVE SPINDLE EXTENSION SHIRT
 - A158-8-3 FLANGED MATCHING PIECE FOR MSCL PIPE

- DESIGN ASSUMPTIONS**
1. THE DEVELOPER AND CONTRACTOR HAVE OBTAINED NECESSARY APPROVALS.
 2. THE DEVELOPER AND CONTRACTOR HAVE DESIGNED THE TRENCHLESS INSTALLATION.
 3. THE CONTRACTOR AND FABRICATORS ARE FAMILIAR WITH THE WATER CORPORATION STANDARDS AND PROCEDURES AND WILL COMPLY WITH THEM.
 4. AN ISOLATION PLAN WILL BE DEVELOPED AND IMPLEMENTED BY THE WATER CORPORATION TO ACCOMMODATE THE LINK IN PROCESS.
 5. THE EXISTING PIPE IS DN200 AC WATER MAIN COMPATIBLE WITH VARIABLE DIAMETER GIBBAULT JOINTS.
 6. LADDERS ARE EXCLUDED FROM PITS AND TEMPORARY GRATES AND GUARDS WILL BE UTILISED DURING OPERATOR AND MAINTENANCE.
 7. THE PROJECT MANAGER WILL MANAGE THE QA/QC PROCESS IN ACCORDANCE WITH THE QUALITY ASSURANCE SPECIFICATION.

- SAFETY IN DESIGN**
- AS PART OF THE DESIGN PROCESS, THE FOLLOWING ITEMS HAVE BEEN IDENTIFIED AS SAFETY ISSUES WHICH SHOULD BE CONSIDERED BY THE CONTRACTOR AS PART OF THE CONSTRUCTION SAFETY MANAGEMENT PLAN, JSA AND DRMs.
- INFRASTRUCTURE INCLUDES:**
- GAS
 - SEWER
 - WATER
 - ELECTRICITY
 - COMMUNICATIONS
- LOCATE AND PROTECT PRIOR TO EXCAVATION
- THE ABOVE LIST IS NOT EXHAUSTIVE AND SHOULD BE READ IN CONJUNCTION WITH THE 'SAFETY IN DESIGN REPORT AND ASSOCIATED RISK REGISTER'

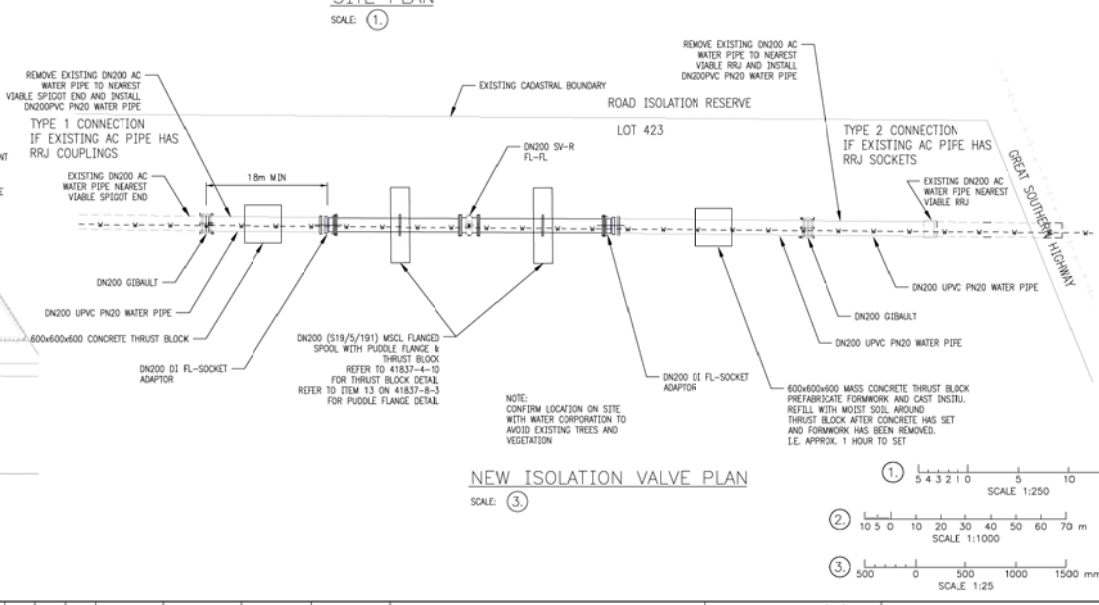
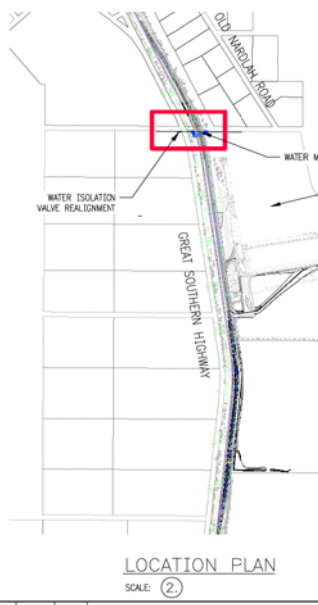


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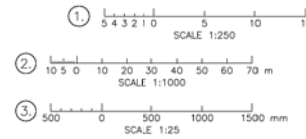
INFRASTRUCTURE INCLUDES:

- GAS
- SEWER
- WATER
- ELECTRICITY
- COMMUNICATIONS

LOCATE AND PROTECT PRIOR TO EXCAVATION



NEW ISOLATION VALVE PLAN
 SCALE: 3



DESIGN SURVEY	MING	VERTICAL DATUM	AHD	DIS CALC	D.KELLY	NORTH POINT	J.BURBANO
COORDINATE SYS	MCA44-SO	DIS CHD	J.BURBANO	DIS CHD	J.BURBANO		
ASCON SURVEY	NONE	DES REF	DN	D.KELLY			
DATE	GRID	REVISION	DRN	REC	APPO		

DESIGN SURVEY	MING	VERTICAL DATUM	AHD	DIS CALC	D.KELLY	NORTH POINT	J.BURBANO
COORDINATE SYS	MCA44-SO	DIS CHD	J.BURBANO	DIS CHD	J.BURBANO		
ASCON SURVEY	NONE	DES REF	DN	D.KELLY			
DATE	GRID	REVISION	DRN	REC	APPO		

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RECOMMENDED: JUAN CABRERA/2024
 J.BURBANO
 SENIOR ENGINEER

APPROVED: D.KELLY/04/2024
 D.KELLY
 PRINCIPAL INFRASTRUCTURE ENGINEER

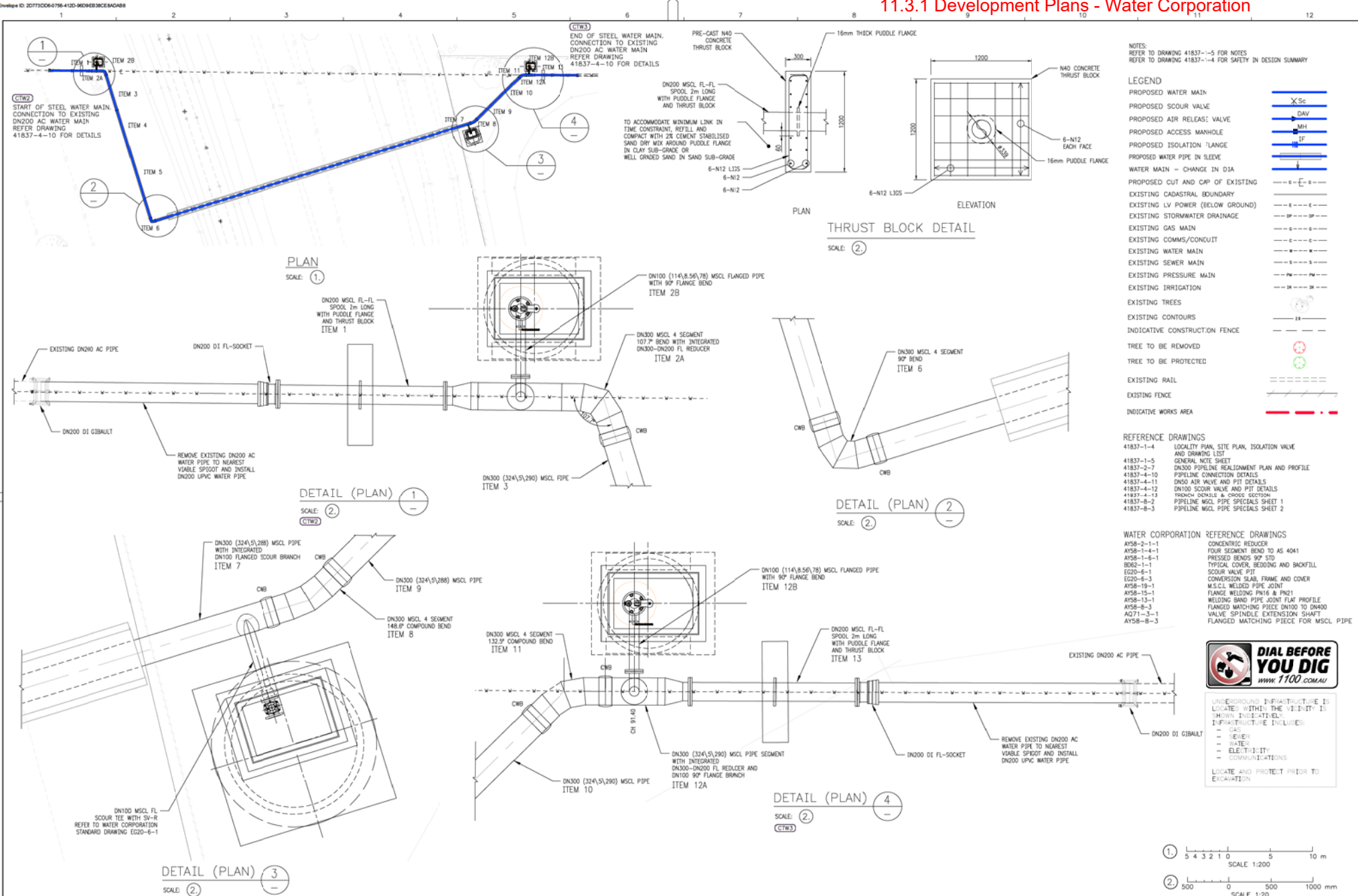
WATER CORPORATION

G.S.T.W.S. KATANNING MKC EXTENSION TO GN CWANGERUP & 4500M3 BROOMEHILL ELEVATED TANK REALIGNMENT UNDER RAIL RESERVE - GREAT SOUTHERN HWY LOCALITY PLAN, SITE PLAN, ISOLATION VALVE AND DRAWING LIST

FILE: 161882669 PLAN: PWD CAD: ISSUE: A1
 PROJECT: CW26332

ORIGINAL SHEET SIZE	A1
PROJECT	41837-1-4
DATE	26/05/2024

11.3.1 Development Plans - Water Corporation



- NOTES:**
REFER TO DRAWING 41837-1-5 FOR NOTES
REFER TO DRAWING 41837-1-4 FOR SAFETY IN DESIGN SUMMARY
- LEGEND**
- PROPOSED WATER MAIN
 - PROPOSED SCOUR VALVE
 - PROPOSED AIR RELEASE VALVE
 - PROPOSED ACCESS MANHOLE
 - PROPOSED ISOLATION FLANGE
 - PROPOSED WATER PIPE IN SLEEVE
 - WATER MAIN - CHANGE IN DIA
 - PROPOSED CUT AND CAP OF EXISTING
 - EXISTING CADASTRAL BOUNDARY
 - EXISTING LV POWER (BELOW GROUND)
 - EXISTING STORMWATER DRAINAGE
 - EXISTING GAS MAIN
 - EXISTING COMMS/CONDUIT
 - EXISTING WATER MAIN
 - EXISTING SEWER MAIN
 - EXISTING PRESSURE MAIN
 - EXISTING IRRIGATION
 - EXISTING TREES
 - EXISTING CONTOURS
 - INDICATIVE CONSTRUCTION FENCE
 - TREE TO BE REMOVED
 - TREE TO BE PROTECTED
 - EXISTING RAIL
 - EXISTING FENCE
 - INDICATIVE WORKS AREA

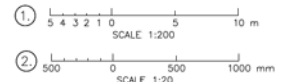
- REFERENCE DRAWINGS**
- 41837-1-4 LOCALITY PLAN, SITE PLAN, ISOLATION VALVE AND DRAWING LIST
 - 41837-1-5 GENERAL NOTE SHEET
 - 41837-2-7 DN200 PIPELINE RELOCATION PLAN AND PROFILE
 - 41837-4-10 PIPELINE CONNECTION DETAILS
 - 41837-4-11 DN50 AIR VALVE AND PIT DETAILS
 - 41837-4-12 DN100 SCOUR VALVE AND PIT DETAILS
 - 41837-4-13 TRENCH DETAILS & CROSS SECTION
 - 41837-8-2 PIPELINE MSCL PIPE SPECIALS SHEET 1
 - 41837-8-3 PIPELINE MSCL PIPE SPECIALS SHEET 2
- WATER CORPORATION REFERENCE DRAWINGS**
- AY58-2-1-1 CONCENTRIC REDUCER
 - AY58-1-4-1 FOUR SEGMENT BEND TO AS 4041
 - AY58-1-6-1 PRESSED BENDS 90° STD
 - B062-1-1 TYPICAL COVER, BEDDING AND BACKFILL
 - EG20-4-1 SCOUR VALVE PIT
 - EG20-4-2 CONVERSION SLAB, FRAME AND COVER
 - EG20-6-3 M.S.C.L. WELDED PIPE JOINT
 - AY58-15-1 FLANGE WELDING PN16 & PN21
 - AY58-13-1 WELDING BAND PIPE JOINT FLAT PROFILE
 - AY58-19-1 FLANGED MATCHING PIECE DN100 TO DN400
 - AY58-8-3 VALVE SPINDLE EXTENSION SHAFT
 - AQ71-3-1 FLANGED MATCHING PIECE FOR MSCL PIPE
 - AY58-8-3



UNDERGROUND INFRASTRUCTURE IS LOCATED WITHIN THE VICINITY IS SHOWN INDICATIVELY. INFRASTRUCTURE INCLUDED:

- GAS
- SEWER
- WATER
- ELECTRICITY
- COMMUNICATIONS

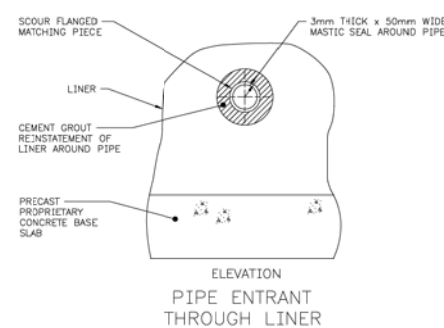
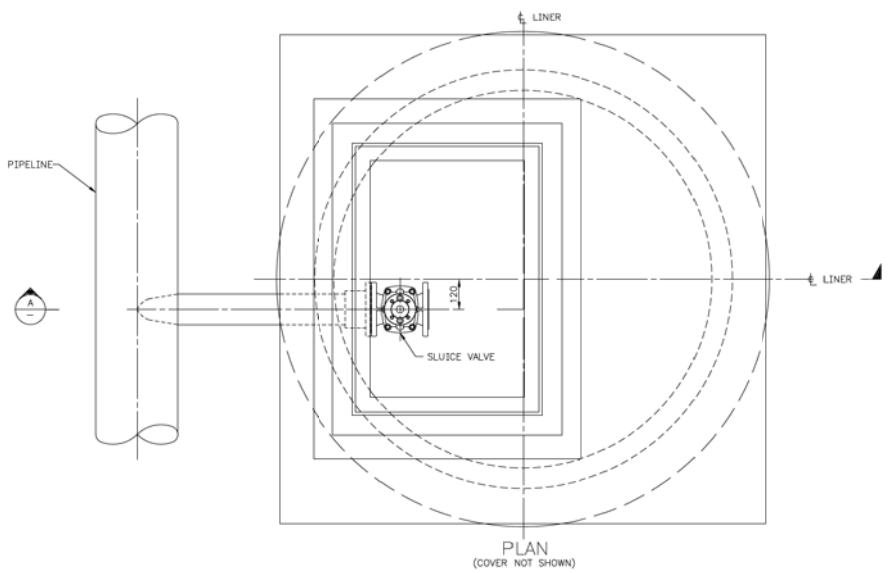
LOCATE AND PROTECT PRIOR TO EXCAVATION



DESIGN SURVEY NONE	VERTICAL DATUM AND COORDINATE SYS MICAS4-SO	DIS CALC D KELLY DES CHD J BURBANO	NORTH POINT 132.9° FLANGE BEND	 WISSE www.aie-construct.com.au AUSTRALIA NEW ZEALAND PH: 1300 982 344 email: info@aie-construct.com.au	RECOMMENDED J. BURBANO 20/04/2024	 G.S.T.W.S. KATANNING NKC EXTENSION TO GNWANGERUP & 4500M3 BROOMEHILL ELEVATED TANK REALIGNMENT UNDER RAIL RESERVE - GREAT SOUTHERN HWY CONNECTION DETAILS FILE 161882669 PROJECT CW26332	ORIGINAL SHEET SIZE A1
ASCON SURVEY NONE	DES REF D. KELLY Q.C. CHD J. BURBANO	APPROVED D. KELLY 18/04/2024	PRINCIPAL INFRASTRUCTURE ENGINEER		PLAN PWD 41837-4-10 CAD A ISSUE MF		

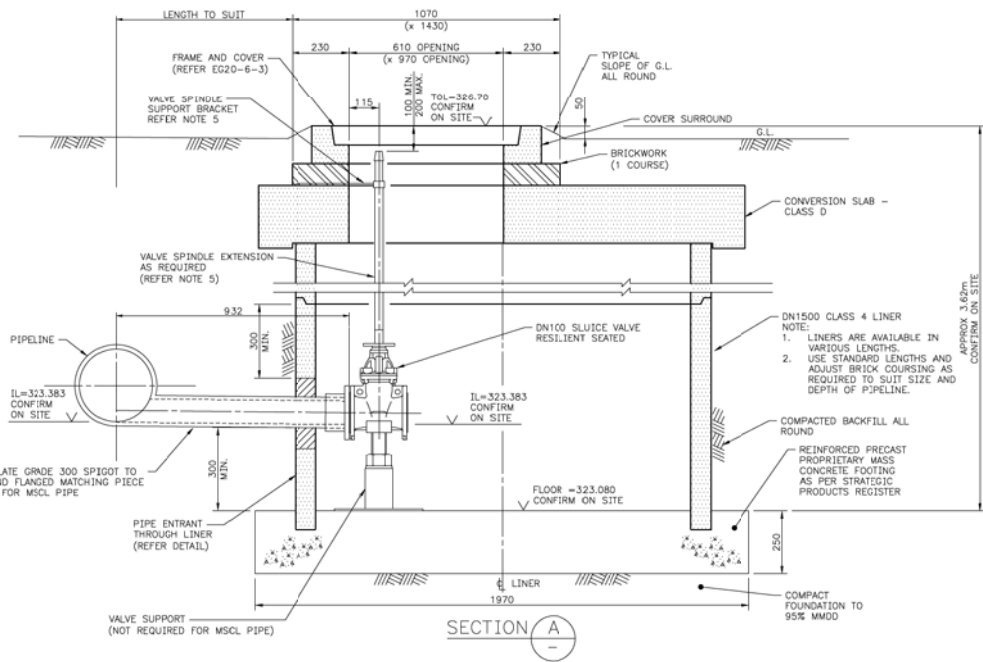
11.3.1 Development Plans - Water Corporation

NOTES:
REFER TO DRAWING 41837-1-5 FOR NOTES
REFER TO DRAWING 41837-1-4 FOR SAFETY IN DESIGN SUMMARY



NOTE:
SCOUR PIT NOT TO BE LOCATED UNDER ROAD PAVEMENT

- GENERAL NOTES
- REFER TO DRAWING 41837-1-4 FOR GENERAL NOTES AND REPAIR REQUIREMENTS.
 - BRICKS TO BE FACING OR COMMON BURNT CLAY METRIC STANDARD BRICKS MINIMUM GRADE "B" TO A.S. 1225.
 - MORTAR TO HAVE A 28 DAY COMPRESSIVE STRENGTH OF 11MPa TO AS 2701.
 - ALL CONCRETE TO BE GRADE N25 (UNO) AND IN ACCORDANCE WITH A.S. 3600.
 - VALVE SPINDLE SUPPORT BRACKET SHALL BE HOT DIP GALVANISED AFTER FABRICATION TO AS/NZS 4680. ANY DAMAGE TO HOT DIP GALVANISING SHALL BE REPAIRED IN ACCORDANCE WITH WATER CORPORATION'S TECHNICAL SPECIFICATION PE "REPAIR OF GALVANIZED STEEL".
 - EXTENSION SPINDLES TO CONFORM TO WATER CORPORATION STANDARD DRG AQ71-3-1 (LENGTH TO SUIT) AND FIXED WITH M12 SET SCREW TO VALVE SPINDLE. SPINDLES GREATER THAN 2M IN LENGTH SHALL REQUIRE AN ADDITIONAL MID-HEIGHT SUPPORT ATTACHED TO THE LINER.
 - PROPRIETARY PRECAST CONCRETE ITEMS SHALL BE ACCEPTABLE TO THE WATER CORPORATION.
 - REFER TO DRAWING 41837-1-4 FOR STEEL TREATMENT WITH HOT DIP GALVANISING
 - IT SHALL NOT BE PERMISSIBLE TO REMOVE THE AIR VALVE CONVERSION SLAB, COVER FRAME OR LID IN THE ABSENCE OF:
 - A PORTABLE SAFETY GRATE OVER THE COVER FRAME AS A FIRST STEP FOLLOWED BY
 - A TEMPORARY POST AND RAIL SYSTEM ALL AROUND THE OPENING



- REFERENCE DRAWINGS
- 41837-1-4 LOCALITY PLAN, SITE PLAN, ISOLATION VALVE AND DRAWING LIST
 - 41837-1-5 GENERAL NOTE SHEET
 - 41837-2-7 DN300 PIPELINE REALIGNMENT PLAN AND PROFILE
 - 41837-4-10 PIPELINE CONNECTION DETAILS
 - 41837-4-11 DN50 AIR VALVE AND PIT DETAILS
 - 41837-4-12 DN100 SCOUR VALVE AND PIT DETAILS
 - 41837-4-13 TRENCH DETAILS & CROSS SECTION
 - 41837-8-2 PIPELINE MCL PIPE SPECIALS SHEET 1
 - 41837-8-3 PIPELINE MCL PIPE SPECIALS SHEET 2
- WATER CORPORATION REFERENCE DRAWINGS
- AF58-2-1-1 CONCENTRIC REDUCER
 - AF58-1-4-1 FOUR SEGMENT BEND TO AS 4041
 - AF58-1-6-1 PRESSED BONDS 90° STD
 - B062-1-1 TYPICAL COVER, BEDDING AND BACKFILL
 - EQ20-6-1 SCOUR VALVE PIT
 - EQ20-6-3 CONVERSION SLAB, FRAME AND COVER
 - AF58-19-1 M.S.C.L WELDED PIPE JOINT
 - AF58-19-1 FLANGE WELDING PN16 & PN21
 - AF58-13-1 WELDING BAND PIPE JOINT FLAT PROFILE
 - AF58-8-3 FLANGED MATCHING PIECE DN100 TO DN400
 - AQ71-3-1 VALVE SPINDLE EXTENSION SHAFT
 - AF58-8-3 FLANGED MATCHING PIECE FOR MSCL PIPE



ISSUE	DATE	GRID	REVISION	DRN	REC	APPO

DESIGN SURVEY MGN	VERTICAL DATUM AND COORDINATE SYS MICAS4+50	DES CALC D.KELLY	NORTH POINT
ASCON SURVEY NONE	DES REF	DIN D.KELLY	
		Q.C. CHD J.BURBANO	

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RECOMMENDED: J. BURBANO
SENIOR ENGINEER

APPROVED: D. KELLY
PRINCIPAL INFRASTRUCTURE ENGINEER

WATER CORPORATION

G.S.T.W.S. KATANNING NKC EXTENSION TO GNWANGERUP & 4500M3 BROOMEHILL ELEVATED TANK REALIGNMENT UNDER RAIL RESERVE - GREAT SOUTHERN HWY DN 100 SCOUR VALVE AND PIT DETAILS

FILE: 161882669 PLAN: MWA
PROJECT: CW26332

ORIGINAL SHEET SIZE: **A1**

41837-4-12

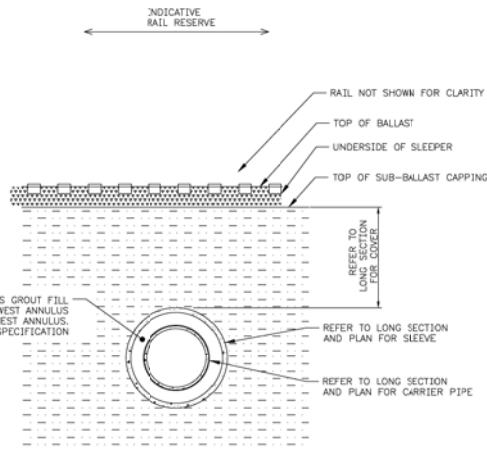
CD: A
ISSUE: MF

26/05/2024

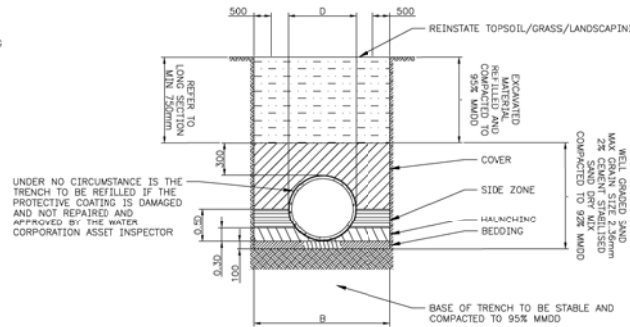
NOTES:
REFER TO DRAWING 41837-1-5 FOR NOTES
REFER TO DRAWING 41837-1-4 FOR SAFETY IN DESIGN SUMMARY

BEDDING AND BACKFILL NOTES FOR PIPELINE

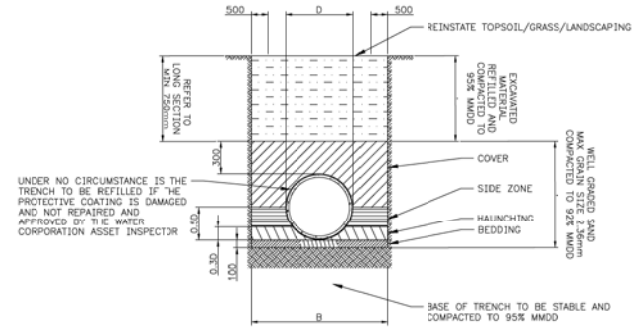
- PIPE BEDDING AND BACKFILL SHALL BE READ IN ACCORDANCE WITH WATER CORPORATION STANDARD DRAWINGS EG20-1-1 AND EG20-1-2 AND WATER CORPORATION MODULAR SPECIFICATIONS.
- COMPACTION TESTING SHALL BE CARRIED OUT IN ACCORDANCE WITH AS1289 AND THE WATER CORPORATION MODULAR SPECIFICATION. THE FREQUENCY OF COMPACTION TESTING SHALL BE IN ACCORDANCE WITH THE WATER CORPORATION MODULAR SPECIFICATIONS SUITE.
- FOR CONDITIONS REQUIRING DEWATERING:
FOR TRENCH CONDITIONS BELOW THE GROUND WATER TABLE OR REQUIRING EXTENSIVE DEWATERING, COARSE AGGREGATE SHALL BE WRAPPED IN A64 TYPE GEOTEXTILE FABRIC WITH 500MM OVERLAP. COARSE AGGREGATE SHALL BE 14mm NOMINAL SIZED GRADED AGGREGATE. THE AGGREGATE SHALL BE PLACED IN A MINIMUM COMPACTED THICKNESS OF 100mm. A LAYER OF BEDDING MATERIAL IS REQUIRED BETWEEN THE PIPE AND WRAPPED DEWATERING AGGREGATE.



RC PIPE SLEEVE - TRENCHLESS DETAIL
CROSS SECTION BELOW RAIL FORMATION
SCALE: DIAGRAMMATIC



MSCL PIPE - TRENCH DETAIL
CLAY GROUND CONDITIONS
SCALE: DIAGRAMMATIC



MSCL PIPE - TRENCH DETAIL
SAND GROUND CONDITIONS
SCALE: DIAGRAMMATIC

REFERENCE DRAWINGS

- 41837-1-4 LOCALITY PLAN, SITE PLAN, ISOLATION VALVE AND DRAWING LIST
- 41837-1-5 GENERAL NOTE SHEET
- 41837-2-7 ON200 PIPELINE REALIGNMENT PLAN AND PROFILE
- 41837-4-10 PIPELINE CONNECTION DETAILS
- 41837-4-11 DN50 AIR VALVE AND PIT DETAILS
- 41837-4-12 DN100 SCOUR VALVE AND PIT DETAILS
- 41837-4-13 TRENCH DETAILS & CROSS SECTION
- 41837-8-2 PIPELINE MSCL PIPE SPECIALS SHEET 1
- 41837-8-3 PIPELINE MSCL PIPE SPECIALS SHEET 2

WATER CORPORATION REFERENCE DRAWINGS

- AY58-2-1-1 CONCENTRIC REDUCER
- AY58-1-4-1 FOUR SEGMENT BEND TO AS 4041
- AY58-1-6-1 PRESSED BENDS 90° STD
- EG20-1-1 TYPICAL COVER, BEDDING AND BACKFILL
- EG20-6-1 SCOUR VALVE PIT
- EG20-6-3 CONVERSION SLAB, FRAME AND COVER
- AY58-18-1 U.S.C.I. WELDED PIPE JOINT
- AY58-15-1 FLANGE WELDING PN16 & PN21
- AY58-13-1 WELDING BAND PIPE JOINT FLAT PROFILE
- AY58-8-3 FLANGED MATCHING PIECE DN100 TO DN400
- AQ71-3-1 VALVE SPINDLE EXTENSION SHAFT
- AY58-8-3 FLANGED MATCHING PIECE FOR MSCL PIPE



ISSUE	DATE	GRID	REVISION	DRN	REC	APPD

DESIGN SURVEY MGN	VERTICAL DATUM AND COORDINATE SYS MCASH-SO	DIS CALC D.KELLY DIS CHD J.BURBANO	NORTH POINT
ASCON SURVEY NONE	DES REF	DIN D.KELLY Q.C. CHD J.BURBANO	

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ENGINEERING
AND CONSTRUCTION MANAGEMENT PTY LTD

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RECOMMENDED
J. BURBANO
20/04/2024

SENIOR ENGINEER

APPROVED
D. KELLY
18/04/2024

PRINCIPAL INFRASTRUCTURE ENGINEER

WATER CORPORATION

G.S.T.W.S. KATANNING NKC EXTENSION TO
GNCWANGERUP & 4500M3 BROOMEHILL ELEVATED TANK
REALIGNMENT UNDER RAIL RESERVE - GREAT SOUTHERN HWY
TRENCH DETAILS AND CROSS SECTION

FILE 161882669 PLAN MWA
PROJECT CW26332

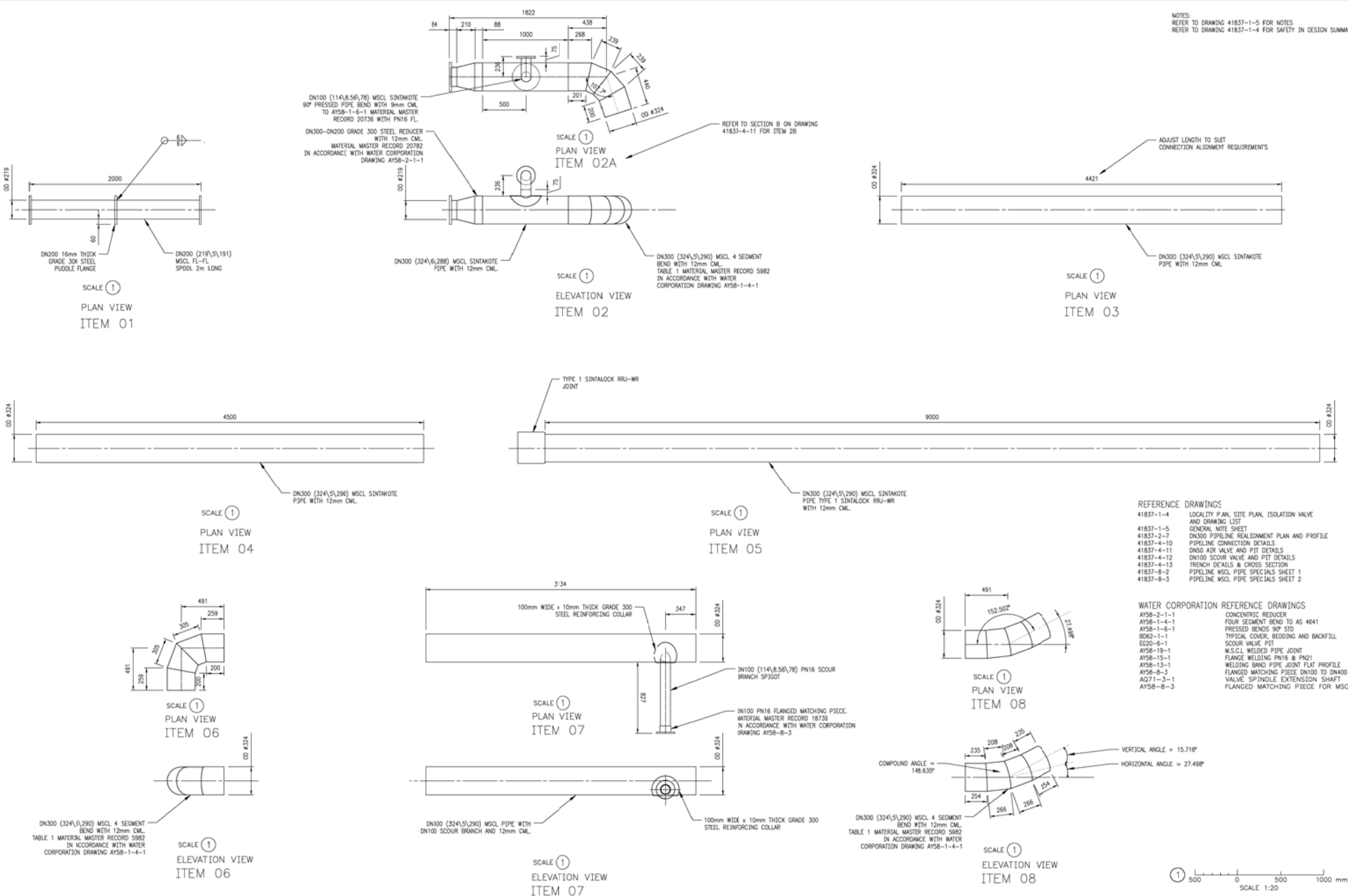
41837-4-13

CAD A
ISSUE MF

ORIGINAL SHEET SIZE
A1

11.3.1 Development Plans - Water Corporation

NOTES:
REFER TO DRAWING 41837-1-5 FOR NOTES
REFER TO DRAWING 41837-1-4 FOR SAFETY IN DESIGN SUMMARY



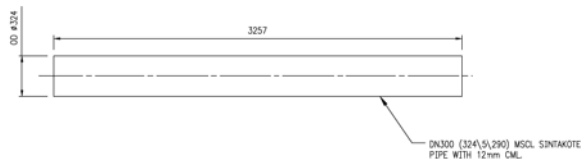
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 - BO62-1-1 TYPICAL COVER, BEDDING AND BACKFILL
 - EG20-6-1 SCOUR VALVE PIT
 - AY58-19-1 MSCL WELDED PIPE JOINT
 - AY58-15-1 FLANGE WELDING PN16 & PN21
 - AY58-13-1 WELDING BAND PIPE JOINT FLAT PROFILE
 - AY58-8-3 FLANGED MATCHING PIECE DN100 TO DN400
 - AQ71-3-1 VALVE SPINDLE EXTENSION SHAFT
 - AY58-8-3 FLANGED MATCHING PIECE FOR MSCL PIPE



ISSUE	DATE	GRID	REVISION	DRN	REC	APPO	DESIGN SURVEY NONE	VERTICAL DATUM AHJD	DIS CALC D.KELLY	NORTH POINT J.BURBANO	 ENGINEERING AND CONSTRUCTION MANAGEMENT PTY LTD	RECOMMENDED J.KELLY 04/2024 J.BURBANO SENIOR ENGINEER APPROVED D.KELLY 04/2024 D.KELLY PRINCIPAL INFRASTRUCTURE ENGINEER	 G.S.T.W.S. KATANNING NKC EXTENSION TO GNCWANGERUP & 4500M3 BROOMEHILL ELEVATED TANK REALIGNMENT UNDER RAIL RESERVE - GREAT SOUTHERN HWY PIPE SPECIALS SHEET 1 OF 2 FILE 161882669 PLAN PWD PROJECT CW26332	ORIGINAL SHEET SIZE A1 CAD ISSUE A MF
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11.3.1 Development Plans - Water Corporation

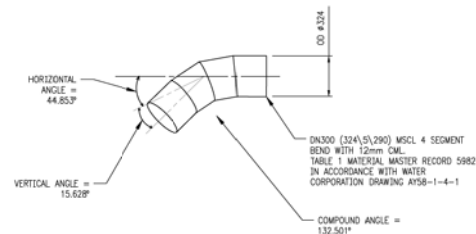
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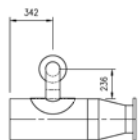
SCALE ①
PLAN VIEW
ITEM 09



SCALE ①
PLAN VIEW
ITEM 10



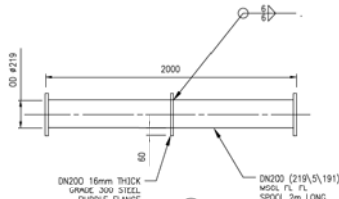
SCALE ①
PLAN VIEW
ITEM 11



SCALE ①
PLAN VIEW
ITEM 12A

DN300 (324x5,290) MSCL SINTAKOTE PIPE WITH 12mm CML

DN300-DN200 90° 300 STEEL REDUCER WITH 12mm CML. MATERIAL MASTER RECORD 20782 IN ACCORDANCE WITH WATER CORPORATION DRAWING AY58-2-1-1



SCALE ①
PLAN VIEW
ITEM 13

DN200 (219x5,191) MSCL, P. 1, SPOOL 2m LONG

- REFERENCE DRAWINGS
- 41837-1-4 LOCALITY PLAN, SITE PLAN, ISOLATION VALVE AND DRAWING LIST
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ISSUE	DATE	GRID	REVISION	DRN	REC	APPD

DESIGN SURVEY NONE	VERTICAL DATUM AHD	DES CALC D.KELLY	NORTH POINT N
COORDINATE SYS MCA84+50	DIS CHD J.BURBANO	Q.C. CHD J.BURBANO	
ASCON SURVEY NONE	DES REF		

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RECOMMENDED: J.KELLY 04/2024
J.BURBANO
SENIOR ENGINEER

APPROVED: D.KELLY 04/2024
D.KELLY
PRINCIPAL INFRASTRUCTURE ENGINEER

WATER CORPORATION

G.S.T.W.S. KATANNING NKC EXTENSION TO GNCWANGERUP & 4500M3 BROOMEHILL ELEVATED TANK REALIGNMENT UNDER RAIL RESERVE - GREAT SOUTHERN HWY
PIPE SPECIALS SHEET 2 OF 2

FILE: 161882669 PLAN: PWD
PROJECT: CW26332

41837-8-3

CAD: A
ISSUE: A
SIZE: A1

ORIGINAL SHEET SIZE: A1

SHIRE OF BROOMEHILL-TAMBELLUP

MONTHLY FINANCIAL REPORT

For the Period Ended 31 May 2024

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Statement of Financial Position

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Note 7 Reporting Program Classifications

Note 8 Operating Revenue and Expenditure (by Program)

Note 9 Capital Revenue and Expenditure (by Program)

SHIRE OF BROOMEHILL-TAMBELLUP
STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 May 2024

	Note	Revised Budget 2023/24	YTD Budget (a)	YTD Actual (b)	Var. \$ (b)-(a)	Var. % (b)-(a)/(b)	
OPERATING ACTIVITIES							
Revenue from Operating Activities							
Rates		2,926,100	2,926,100	2,926,527	427	0.0%	
Grants, Subsidies and Contributions		480,000	405,248	390,472	(14,776)	(3.8%)	
Fees and Charges		443,300	412,397	430,179	17,782	4.1%	
Interest Earnings		109,800	86,463	104,995	18,532	17.7%	▲
Other Revenue		315,400	256,045	260,068	4,023	1.5%	
Profit on Asset Disposal		5,500	5,500	67,799	62,299	91.9%	▲
		<u>4,280,100</u>	<u>4,091,753</u>	<u>4,180,040</u>	<u>88,287</u>	<u>111.4%</u>	
Expenditure from Operating Activities							
Employee Costs		(2,504,700)	(2,298,572)	(2,029,885)	268,687	13.2%	▼
Materials and Contracts		(2,083,800)	(1,812,631)	(1,324,350)	488,281	36.9%	▼
Utilities Charges		(231,900)	(210,945)	(274,925)	(63,980)	(23.3%)	▲
Depreciation (Non-Current Assets)		(2,090,900)	(1,916,475)	(1,930,245)	(13,770)	(0.7%)	
Interest Expenses		(62,300)	(60,589)	(54,583)	6,006	11.0%	
Insurance Expenses		(207,700)	(207,700)	(202,100)	5,600	2.8%	
Other Expenditure		(96,300)	(94,871)	(95,158)	(287)	(0.3%)	
Loss on Asset Disposal		(131,100)	(131,100)	(41,031)	90,069	219.5%	▼
		<u>(7,408,700)</u>	<u>(6,732,883)</u>	<u>(5,952,277)</u>	<u>690,537</u>	<u>13.1%</u>	
Non Cash Amounts excluded from operating activities							
Add: Depreciation on assets		2,090,900	1,916,475	1,930,245	13,770	0.7%	
(Profit)/Loss on Asset Disposal		125,600	125,600	(26,768)	(152,368)	569.2%	
Amount attributable to operating activities		(912,100)	(599,055)	131,241	640,227	556.5%	
INVESTING ACTIVITIES							
Inflows from investing activities							
Capital Grants, Subsidies and Contributions	5	3,933,300	2,190,580	776,743	(1,413,837)	(182.0%)	▼
Proceeds from Disposal of Assets	9	659,000	579,000	662,364	83,364	12.6%	▲
		<u>4,592,300</u>	<u>2,769,580</u>	<u>1,439,107</u>	<u>(1,330,473)</u>	<u>(169.4%)</u>	
Outflows from investing activities							
Payments for property, plant and equipment	9	(2,283,300)	(1,818,959)	(1,430,432)	388,527	27.2%	▼
Payments for construction of infrastructure	9	(3,277,200)	(2,698,095)	(1,358,445)	1,339,650	98.6%	▼
		<u>(5,560,500)</u>	<u>(4,517,054)</u>	<u>(2,788,877)</u>	<u>1,728,177</u>	<u>125.8%</u>	
Amount attributable to investing activities		(968,200)	(1,747,474)	(1,349,770)	397,704	(43.7%)	
FINANCING ACTIVITIES							
Inflows from financing activities							
Transfer from Reserves	6	652,500	0	0	0		
		<u>652,500</u>	<u>0</u>	<u>0</u>	<u>0</u>		
Outflows from financing activities							
Repayment of Debentures		(110,700)	(79,700)	(79,617)	83	0.1%	
Transfer to Reserves	6	(764,200)	(64,175)	(85,601)	(21,426)	(25.0%)	▲
		<u>(874,900)</u>	<u>(143,875)</u>	<u>(165,218)</u>	<u>(21,343)</u>	<u>(24.9%)</u>	
Amount attributable to financing activities		(222,400)	(143,875)	(165,218)	(21,343)	0.0%	
MOVEMENT IN SURPLUS OR DEFICIT							
Surplus or deficit at the start of the financial year	1	2,102,700	2,102,700	2,102,674	(26)	(0.0%)	
Amount attributable to operating activities		(912,100)	(599,055)	131,241	730,296	556.5%	▲
Amount attributable to investing activities		(968,200)	(1,747,474)	(1,349,770)	397,704	(29.5%)	
Amount attributable to financing activities		(222,400)	(143,875)	(165,218)	(21,343)	12.9%	
Surplus or deficit at the end of the reporting period	1	0	(387,704)	718,928	1,106,632	153.9%	▲

SHIRE OF BROOMEHILL-TAMBELLUP
STATEMENT OF FINANCIAL POSITION
For the Period Ended 31 May 2024

	Actual 2023/24	30 June 2023
CURRENT ASSETS		
Cash and cash equivalents	2,968,746	4,662,479
Trade and other receivables	655,225	535,350
Inventories	62,677	35,467
TOTAL CURRENT ASSETS	<u>3,686,647</u>	<u>5,233,296</u>
NON-CURRENT ASSETS		
Trade and other receivables	43,290	43,290
Other financial assets	81,490	81,490
Inventories	162,000	162,000
Property, plant and equipment	19,847,394	19,761,084
Infrastructure	137,002,558	136,807,211
TOTAL NON-CURRENT ASSETS	<u>157,136,731</u>	<u>156,855,074</u>
TOTAL ASSETS	<u>160,823,378</u>	<u>162,088,371</u>
CURRENT LIABILITIES		
Trade and other payables	189,272	457,776
Other liabilities	555,223	535,223
Borrowings	79,617	110,769
Employee related provisions	382,567	382,567
TOTAL CURRENT LIABILITIES	<u>1,206,679</u>	<u>1,486,335</u>
NON-CURRENT LIABILITIES		
Borrowings	1,571,547	1,571,547
Employee related provisions	26,539	26,539
TOTAL NON-CURRENT LIABILITIES	<u>1,598,086</u>	<u>1,598,086</u>
TOTAL LIABILITIES	<u>2,804,765</u>	<u>3,084,420</u>
NET ASSETS	<u>158,018,613</u>	<u>159,003,950</u>
EQUITY		
Retained Surplus	41,278,620	42,349,559
Reserve accounts	2,223,224	2,137,623
Revaluation surplus	114,516,768	114,516,768
TOTAL EQUITY	<u>158,018,613</u>	<u>159,003,950</u>

SHIRE OF BROOMEHILL-TAMBELLUP
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 May 2024

1: NET CURRENT FUNDING POSITION

	Note	Actual 2023/24	C/fwd Budget 30 June 2023	C/fwd 1 July 2023
		\$	\$	\$
Current Assets				
Cash and cash equivalents		745,521	2,524,900	2,524,856
Other financial assets - Reserves	6	2,223,224	2,137,600	2,137,623
Receivables - Rates and Rubbish	4	317,399	278,000	277,387
Receivables - Sundry debtors	4	337,825	270,100	255,460
Receivables - Other		0	0	2,502
Inventories		62,677	35,100	35,467
		<u>3,686,647</u>	<u>5,245,700</u>	<u>5,233,296</u>
Less: Current Liabilities				
Payables		(189,272)	(436,900)	(457,776)
Contract Liabilities - LRCIP		(505,223)	(505,200)	(505,223)
Contract Liabilities - Other Grants & Contributions		(50,000)	(50,000)	(30,000)
Borrowings - current		(79,617)	(110,800)	(110,769)
Employee related provisions		(382,567)	(476,800)	(382,567)
		<u>(1,206,679)</u>	<u>(1,579,700)</u>	<u>(1,486,335)</u>
Less: Cash Restricted - Reserves	6	(2,223,224)	(2,137,600)	(2,137,623)
Add: Current Liabilities not expected to be cleared at end of year				
- current portion of borrowings		79,617	110,800	110,769
- employee benefit provisions		382,567	476,800	382,567
		<u>(1,761,040)</u>	<u>(1,550,000)</u>	<u>(1,644,288)</u>
Net Current Funding Position		<u>718,928</u>	<u>2,116,000</u>	<u>2,102,674</u>

SHIRE OF BROOMEHILL-TAMBELLUP
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 May 2024

2: KEY TERMS AND DEFINITIONS - NATURE

REVENUES

RATES

All rates levied under the *Local Government Act 1995*. Includes general, differential, specific area rates, minimum payment, interim rates, back rates, ex-gratia rates, less discounts offered.

Exclude administration fees, interest on instalments, interest on arrears, service charges and sewerage rates.

GRANTS, SUBSIDIES AND CONTRIBUTIONS

All amounts received as grants, subsidies and contributions that are not capital grants.

CAPITAL GRANTS, SUBSIDIES AND CONTRIBUTIONS

Amounts received specifically for the acquisition, construction of new or the upgrading of non-current assets paid to a local government, irrespective of whether these amounts are received as capital grants, subsidies, contributions or donations.

REVENUE FROM CONTRACTS WITH CUSTOMERS

Revenue from contracts with customers is recognised when the local government satisfies its performance obligations under the contract.

FEES AND CHARGES

Revenues (other than service charges) from the use of facilities and charges made for local government services, sewerage rates, rentals, hire charges, fee for service, photocopying charges, licences, sale of goods or information, fines, penalties and administration fees.

INTEREST EARNINGS

Interest and other items of a similar nature received from bank and investment accounts, interest on rate instalments, interest on rate arrears and interest on debtors.

OTHER REVENUE / INCOME

Other revenue, which cannot be classified under the above headings, includes dividends, discounts, rebates etc.

PROFIT ON ASSET DISPOSAL

Gain on the disposal of assets including gains on the disposal of long-term investments.

EXPENSES

EMPLOYEE COSTS

All costs associated with the employment of person such as salaries, wages, allowances, benefits such as vehicle and housing, superannuation, employment expenses, removal expenses, relocation expenses, worker's compensation insurance, training costs, conferences, safety expenses, medical examinations, fringe benefit tax, etc.

MATERIALS AND CONTRACTS

All expenditures on materials, supplies and contracts not classified under other headings. These include supply of goods and materials, legal expenses, consultancy, maintenance agreements, communication expenses (such as telephone and internet charges), advertising expenses, membership, periodicals, publications, hire expenses, rental, leases, postage and freight etc.

UTILITIES (GAS, ELECTRICITY, WATER)

Expenditures made to the respective agencies for the provision of power, gas or water.

INSURANCE

All insurance other than worker's compensation and health benefit insurance included as a cost of employment.

LOSS ON ASSET DISPOSAL

Loss on the disposal of fixed assets.

DEPRECIATION ON NON-CURRENT ASSETS

Depreciation and amortisation expenses raised on all classes of assets.

FINANCE COSTS

Interest and other costs of finance paid, including costs of finance for loan debentures, overdraft accommodation and refinancing expenses.

OTHER EXPENDITURE

Statutory fees, taxes, provision for bad debts, member's fees or levies including DFES levy and State taxes. Donations and subsidies made to community groups.

SHIRE OF BROOMEHILL-TAMBELLUP
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 May 2024

3: REPORT ON MATERIAL VARIANCES

The material variance thresholds are adopted annually by Council as an indicator of whether the actual expenditure or revenue varies from the year to date budget materially.

The material variance adopted by Council for the 2023/24 year is \$10,000 or 10% whichever is greater.

Explanation of variances

Nature or Type	Var \$	Var %	Timing	Permanent
REVENUE				
Interest Earnings	18,532	18%		x
Interest earned on the Reserve Fund term deposit is higher than anticipated, due to the increase in interest rates. Interest earned on Reserve Funds are reinvested in each reserve.				
Profit on Asset Disposal	62,299	92%		x
Proceeds from the sale of the Caterpillar grader were higher than anticipated, resulting in a profit on disposal. This is non-cash revenue.				
EXPENDITURE				
Employee Costs	268,687	13%		
Payment of leave entitlements in the works crew is lower than budgeted due to timing of staff taking leave.				
Actual wage costs are lower than budgeted due to timing of recruitment in the works department				
Administration employee costs aren't as high as budgeted.				
Materials and Contracts	488,281	37%		
Expenditure is not as high as anticipated. Any projects or planned activities not complete during May and June will be carried over into the 24/25 budget.				
Allocation of Administration Costs across all programs is lower than budgeted, due to Admin employee costs being less than anticipated.				
Utilities Charges	(63,980)	-23%		x
Standpipe water usage is higher than anticipated and is reflective in part of current conditions and lower than normal rainfall.				
There have also been issues identified with the Cemetery Road standpipe in Broomehill, which are being investigated with the Water Corporation.				
Loss on Asset Disposal	90,069	220%	x	
Losses on asset disposal are recognised when assets are removed from the asset register. The variance arises from the timing of changeover/disposal of various assets.				

SHIRE OF BROOMEHILL-TAMBELLUP
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 May 2024

3: REPORT ON MATERIAL VARIANCES

The material variance thresholds are adopted annually by Council as an indicator of whether the actual expenditure or revenue varies from the year to date budget materially.

The material variance adopted by Council for the 2023/24 year is \$10,000 or 10% whichever is greater.

Explanation of variances

Nature or Type	Var \$	Var %	Timing	Permanent
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INVESTING ACTIVITIES

Capital Grants, Subsidies and Contributions

	(1,413,837)	-182%	x	
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Progress payments for the second instalments of Regional Road Group funding have been submitted, along with final claims for those projects completed.

A draw down from Local Roads and Community Infrastructure will be done as expenditure on the projects progress.

Roads to Recovery funding is expected in June.

solar panels on the Tambellup Pavilion has been received.

Payments for property, plant and equipment

	388,527	27%	x	
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Variation is in relation to timing of changeover of plant and equipment.

While building projects are underway, expenditure is lower than anticipated. Projects not complete by 30 June will be carried over into 24/25 for completion.

Payments for construction of infrastructure

	1,339,650	99%	x	
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Road construction program is underway, though expenditure is lower than anticipated for the time of year.

Expenditure on other infrastructure projects is lower than anticipated. Projects not complete by 30 June will be carried over into 24/25 for completion.

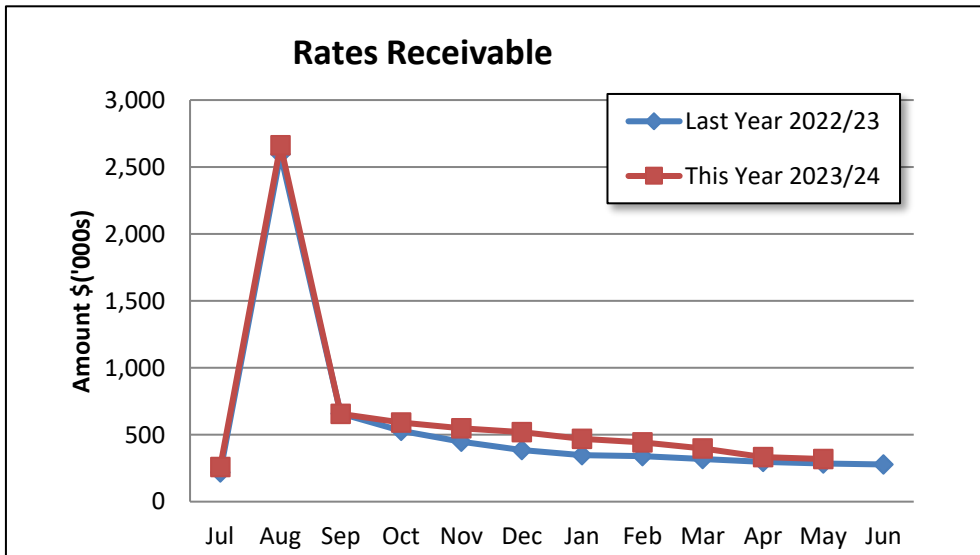
x

x

SHIRE OF BROOMEHILL-TAMBELLUP
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 May 2024

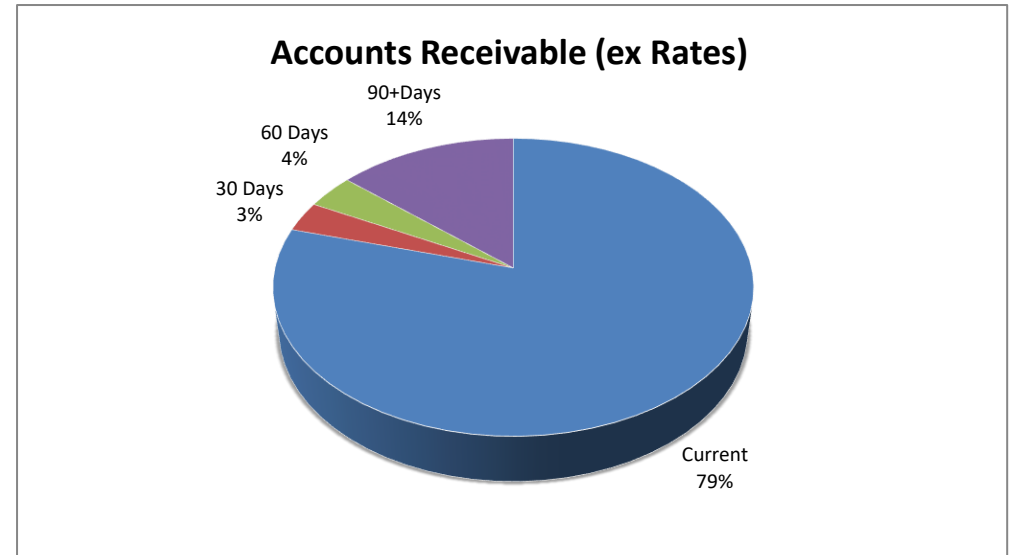
4: RECEIVABLES

Rates & Rubbish	Actual 2023/24	c/fwd 1 July 2023
	\$	\$
Opening Arrears Previous Years	277,387	221,557
Rates Levied this year	3,043,184	2,888,889
Less Collections to date	(3,003,172)	(2,833,059)
Equals Current Outstanding	317,399	277,387
Net Rates Collectable	317,399	277,387
% Collected	90.44%	91.08%



Accounts Receivable	Current	30 Days	60 Days	90+Days
	\$	\$	\$	\$
Sundry Debtors	251,112	10,961	12,476	46,259
Pensioner Rebates	-			
Emergency Services Levy	17,017			
Total Outstanding	268,129	10,961	12,476	46,259

Amounts shown above include GST (where applicable)



Current

Progress claims have been submitted to Main Roads WA for Regional Road Group funding.

SHIRE OF BROOMEHILL-TAMBELLUP
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 May 2024

5: GRANTS AND CONTRIBUTIONS

	Budget 2023/24	YTD Actual	%
Operating Grants & Contributions			
Governance	21,000	-	0%
General purpose funding	91,800	91,816	100%
Law, Order and Public Safety	86,100	89,003	103%
Health	7,000	7,119	102%
Education and welfare	35,000	-	0%
Recreation and culture	41,500	4,917	12%
Transport	197,600	197,617	100%
	480,000	390,472	81%
Capital Grants & Contributions			
Education and welfare	120,000	-	0%
Recreation and culture	365,000	27,182	7%
Transport	2,422,000	740,286	31%
Economic services	1,017,000	-	0%
	3,933,300	776,743	20%

SHIRE OF BROOMEHILL-TAMBELLUP
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 May 2024

6: RESERVE ACCOUNTS

	Revised Budget 2023/2024				Actual 2023/24			
	Opening Balance	Transfers To	Transfers From	Closing Balance	Opening Balance	Transfers To	Transfers From	Closing Balance
Leave Reserve	84,359	54,000	(107,500)	30,859	84,359	3,381	0	87,741
Plant Reserve	283,778	468,900	(465,000)	287,678	283,778	11,368	0	295,146
Building Reserve	731,427	30,000	(50,000)	711,427	731,427	29,293	0	760,719
Information Technology Reserve	60,630	7,500	0	68,130	60,630	2,431	0	63,061
Tambellup Rec Ground & Pavilion Reserve	75,086	8,000	0	83,086	75,086	3,005	0	78,091
Broomehill Rec Complex Reserve	126,271	58,600	0	184,871	126,271	5,059	0	131,330
Building Maintenance Reserve	84,230	3,300	0	87,530	84,230	3,373	0	87,602
Sandalwood Villas Reserve	127,863	15,100	0	142,963	127,863	5,119	0	132,981
Bhill Synthetic Bowling Green Reserve	104,728	12,800	0	117,528	104,728	4,194	0	108,923
Refuse Sites Post Closure Management Reserve	48,646	12,000	0	60,646	48,646	1,952	0	50,597
Lavieville Lodge Reserve	104,471	14,200	(30,000)	88,671	104,471	4,186	0	108,657
Townscape Plan Implementation Reserve	244,269	9,800	0	254,069	244,269	9,767	0	254,036
Tambellup Synthetic Bowling Green Reserve	47,078	9,500	0	56,578	47,078	1,883	0	48,962
Tourism & Economic Development Reserve	14,787	20,500	0	35,287	14,787	591	0	15,377
Energy Efficiency Reserve	0	20,000	0	20,000	0	0	0	0
Parks & Playgrounds Reserve	0	20,000	0	20,000	0	0	0	0
	2,137,623	764,200	(652,500)	2,249,323	2,137,623	85,601	0	2,223,224

In accordance with council resolutions in relation to each reserve account, the purpose for which the funds are set aside are as follows:

Reserve name

Leave Reserve	- to be used to meet the Councils Long Service Leave liability for its employees.
Plant Reserve	- to be used for the purchase of plant and equipment in accordance with the Plant Replacement Program.
Building Reserve	- to be used to finance replacement, major repair or construction of new Shire buildings, and costs associated with subdivision of land.
Information Technology Reserve	- to be used to purchase, replace or upgrade computer hardware, software and associated equipment
Tambellup Recreation Ground & Pavilion Reserve	- to be used to maintain and develop sport and recreational facilities at the Tambellup Recreation Ground and Pavilion.
Broomehill Recreation Complex Reserve	- to be used for works at the Broomehill Recreation Complex in agreeance with the Complex Management Committee
Building Maintenance Reserve	- to be used to fund building maintenance requirements for all Shire owned buildings.
Sandalwood Villas Reserve	- to be utilised towards upgrade and maintenance of the 6 units at Sandalwood Villas.
Broomehill Synthetic Bowling Green Reserve	- to be used for the future replacement of the synthetic bowling green at the Broomehill Recreational Complex.
Refuse Sites Post Closure Management Reserve	- to meet the financial requirements for the closure of the Broomehill and Tambellup landfill sites when their useful life expires
Lavieville Lodge Reserve	- to be utilised towards upgrade and maintenance of the 4 units at Lavieville Lodge.
Townscape Plan Implementation Reserve	- to be used for implementation of the Townscape Plans for the Broomehill and Tambellup townsites.
Tambellup Synthetic Bowling Green Reserve	- to be used for the future replacement of the synthetic bowling green at the Tambellup Sportsground
Tourism & Economic Development Reserve	- to be used to progress tourism & economic development opportunities in the Shire.
Energy Efficiency Reserve	- to be used towards energy efficiency initiatives on Shire properties
Parks & Playgrounds Reserve	- for improvements to parks and playgrounds in the Shire, including replacement or upgrade of playground equipment

SHIRE OF BROOMEHILL-TAMBELLUP
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 May 2024

7: REPORTING PROGRAM CLASSIFICATIONS (FUNCTION/ACTIVITY)

Shire operations as disclosed in these financial statements encompass the following service orientated activities/programs.

GOVERNANCE

Objective:

To provide a decision making process for the efficient allocation of scarce resources.

Activities:

Includes the activities of members of council and the administrative support available to the council for the provision of governance of the district. Other costs relate to the task of assisting elected members and ratepayers on matters which do not concern specific Shire activities.

GENERAL PURPOSE FUNDING

Objective:

To collect revenue to allow for the provision of services

Activities:

Rates; general purpose government grants and interest revenue.

LAW, ORDER, PUBLIC SAFETY

Objective:

To provide services to help ensure a safer and environmentally conscious community.

Activities:

Supervision and enforcement of various local laws relating to fire prevention, animal control and other aspects of public safety including emergency services.

HEALTH

Objective:

To provide an operational framework for environmental and community health.

Activities:

Inspection of food outlets and their control; mosquito control and maintenance of the Infant Health Clinic in Tambellup

EDUCATION AND WELFARE

Objective:

To provide services to the elderly, children and youth.

Activities:

Assistance to the Broomehill and Tambellup Primary Schools; support of the "A Smart Start" program.

HOUSING

Objective:

To provide and maintain staff housing, and accommodation for 'well aged' seniors in the Community.

Activities:

Provision and maintenance of staff housing; and the Independent Living Seniors accommodation in Tambellup.

COMMUNITY AMENITIES

Objective:

To provide services required by the Community.

Activities:

Rubbish collection services; operation of the tip sites and waste transfer stations; administration of the Town Planning Scheme; Cemetery maintenance at Broomehill, Tambellup and Pindellup cemeteries; public conveniences and protection of the environment.

SHIRE OF BROOMEHILL-TAMBELLUP
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 May 2024

7: REPORTING PROGRAM CLASSIFICATIONS (FUNCTION/ACTIVITY)

RECREATION AND CULTURE

Objective:

To establish and effectively manage infrastructure and resources which will assist with the social well-being of the Community.

Activities:

Maintenance of public halls, recreation grounds, parks, gardens, reserves and playgrounds. Operation of the Broomehill Library and support to the Tambellup Community Resource centre for management of the Tambellup library. Museums and other cultural facilities.

TRANSPORT

Objective:

To provide safe, effective and efficient transport services to the Community.

Activities:

Construction and maintenance of streets, roads and bridges. Cleaning and lighting of streets; maintenance of the Broomehill and Tambellup works depots. Provision of the Department of Transport licensing services to the Community.

ECONOMIC SERVICES

Objective:

To assist in promoting the Shire and its economic wellbeing.

Activities:

Tourism and area promotion, including operation of the Broomehill Caravan Park. Provision of rural services which includes noxious weed control, vermin control and standpipes. Provision of Building Services.

OTHER PROPERTY & SERVICES

Objectives:

To monitor and control councils works overhead operating accounts.

Activities:

Private works operations; public works overhead costs; plant operation costs and unclassified items.

SHIRE OF BROOMEHILL-TAMBELLUP
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 May 2024

13.1.1 Financial Statements May 2024

8: OPERATING REVENUE AND EXPENDITURE

		REVENUE			EXPENSE			
	Resp. Officer	Revised Budget	YTD Actual	%	Revised Budget	YTD Actual	%	
GENERAL PURPOSE FUNDING								
Rate Revenue								
03001	Revenue - Rate Income	MFA	2,970,300	2,970,564	100.13%	0	0	-
03002	Revenue - Rates Ex Gratia	MFA	89,600	89,682	100.09%	0	0	-
03005	Discount - Rates	MFA	(124,000)	(124,018)	107.84%	0	0	-
03011	Revenue - Admin Fee - Instalments	MFA	1,500	1,420	94.67%	0	0	-
03012	Revenue - Rates Penalty Interest	MFA	18,000	14,531	80.73%	0	0	-
03013	Revenue - Instalment Interest	MFA	3,300	3,601	109.13%	0	0	-
03014	Revenue - Interest on Deferred Rates	MFA	500	0	0.00%	0	0	-
03016	Revenue - Rate Enquiries	MFA	3,000	4,500	150.00%	0	0	-
03030	Revenue - Reimbursements	MFA	65,000	75,953	379.76%	0	0	-
03111	Expense - Rates Written Off	MFA	(9,800)	(9,702)	107.80%	0	0	-
03110	Expense - Rates General	MFA	0	0	-	(262,500)	(224,310)	106.06%
			3,017,400	3,026,532	100.30%	(262,500)	(224,310)	85.45%
General Purpose Funding								
03229	Revenue - FAGS General Purpose	MFA	51,900	51,922	-	0	0	-
03230	Revenue - FAGS Local Roads	MFA	39,900	39,894	-	0	0	-
			91,800	91,816	-	0	0	-
Other General Purpose Funding								
03239	Revenue - Other General Purpose	MFA	1,000	1,370	137.02%	0	0	-
03240	Revenue - Other General Purpose No GST	MFA	87,000	85,601	135.02%	0	0	-
03340	Expense - Other General Purpose Funding	MFA	0	0	-	(101,800)	(78,443)	77.44%
			88,000	86,971	135.05%	(101,800)	(78,443)	77.44%
	TOTAL GENERAL PURPOSE FUNDING		3,197,200	3,205,319	105.33%	(364,300)	(302,754)	96.79%
GOVERNANCE								
Members of Council								
04001	Revenue - Members of Council	MFA	15,000	0	0.00%	0	0	-
04101	Expense - Members of Council	MFA	0	0	-	(464,600)	(287,776)	61.94%
04102	Expense - Elections	CEO	0	0	-	(10,000)	(5,250)	52.50%
04103	Expense - Tambellup Admin Building & Chambers	MOW	0	0	-	(43,700)	(49,921)	114.24%
04104	Expense - Audit	MFA	0	0	-	(50,000)	(8,860)	17.72%
04106	Expense - Broomehill Admin Building & Chambers	MOW	0	0	-	(24,100)	(23,230)	96.39%
			15,000	0	0.00%	(592,400)	(375,038)	63.31%
Administration General								
04201	Revenue - Administration General	MFA	5,000	506	10.11%	0	0	-
04202	Revenue - Other Admin General	MFA	7,000	5,520	78.86%	0	0	-
04301	Expense - Administration General	MFA	0	0	-	(1,339,200)	(1,005,527)	75.50%
04330	Expense - Asset Depreciation	MFA	0	0	-	(41,500)	(48,257)	116.28%
04302	Expense - Administration Allocation	MFA	0	0	-	1,380,700	1,053,783	76.73%
			12,000	6,026	50.21%	0	0	

SHIRE OF BROOMEHILL-TAMBELLUP
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 May 2024

8: OPERATING REVENUE AND EXPENDITURE

		REVENUE			EXPENSE			
	Resp. Officer	Revised Budget	YTD Actual	%	Revised Budget	YTD Actual	%	
Amalgamation								
04105	Expense - Amalgamation	CEO	0	0	-	(32,200)	(2,307)	7.16%
			0	0	-	(32,200)	(2,307)	7.16%
Other Governance								
04119	Revenue - Broomehill Archive Repository	CEO	6,000	0	0.00%	0	0	-
04125	Expense - VROC	CEO	0	0	-	(5,000)	(600)	12.00%
04126	Expense - Strategic Resource Plan	MFA	0	0	-	(20,000)	0	0.00%
04129	Expense - Community Strategic Plan	SSPO	0	0	-	(12,000)	0	0.00%
04130	Expense - Corporate Business Plan	SSPO	0	0	-	(5,000)	(1,761)	35.22%
04132	Expense - Broomehill Archive Repository	MOW	0	0	-	(9,500)	(9,597)	101.03%
			6,000	0	0.00%	(51,500)	(11,958)	25.72%
TOTAL GOVERNANCE			33,000	6,026	18.26%	(676,100)	(389,302.78)	58.01%
LAW, ORDER & PUBLIC SAFETY								
Fire Prevention								
05001	Revenue - ESL Grant	MFA	60,400	59,278	116.00%	0	0	-
05020	Revenue - ESL Collected	MFA	77,500	78,008	100.66%	0	0	-
05021	Revenue - Other Fire Prevention	MFA	37,100	43,739	117.89%	0	0	-
05022	Revenue - ESL Administration Fees	MFA	4,000	4,000	100.00%	0	0	-
05024	Revenue - ESL Penalty Interest	MFA	1,000	1,261	126.13%	0	0	-
05026	Revenue - Other Fire Prevention No GST	CEO	5,000	1,857	37.15%	0	0	-
05103	Expense - ESL Grant Clothing & Accessories	CESM	0	0	-	(10,000)	(9,462)	94.62%
05105	Expense - ESL Grant Maintenance Equipment	CESM	0	0	-	(10,000)	(2,693)	26.93%
05120	Expense - ESL Remitted	MFA	0	0	-	(77,500)	(70,119)	90.48%
05121	Expense - Fire Prevention Other	CEO	0	0	-	(97,700)	(81,724)	86.85%
05122	Expense - Fire Shed Tambellup	MOW	0	0	-	(600)	(456)	75.94%
05123	Expense - Community Emergency Services Manager	CEO	0	0	-	(20,000)	(15,641)	78.21%
05124	Expense - Jam Creek Rd Communications Tower	MOW	0	0	-	(1,300)	(236)	18.12%
05125	Expense - Fairfield Rd Communications Tower	MOW	0	0	-	(1,900)	(2,032)	106.92%
05126	Expense - Fire Shed Broomehill	MOW	0	0	-	(9,100)	(4,639)	50.98%
05130	Expense - Asset Depreciation	MFA	0	0	-	(44,600)	(41,436)	92.91%
			185,000	188,143	107.08%	(272,700)	(228,437)	84.89%
Animal Control								
05202	Revenue - Animal Control (No GST)	MFA	3,400	3,519	103.51%	0	0	-
05203	Revenue - Cat Control (No GST)	MFA	500	281	56.25%	0	0	-
05301	Expense - Animal Control	CEO	0	0	-	(66,400)	(42,592)	82.86%
05320	Expense - Asset Depreciation	MFA	0	0	-	(600)	(454)	75.71%
			3,900	3,801	97.45%	(67,000)	(43,046)	82.78%

SHIRE OF BROOMEHILL-TAMBELLUP
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 May 2024

13.1.1 Financial Statements May 2024

8: OPERATING REVENUE AND EXPENDITURE

		REVENUE			EXPENSE			
Resp. Officer		Revised Budget	YTD Actual	%	Revised Budget	YTD Actual	%	
Other Law, Order & Public Safety								
05401	Revenue - Other Law, Order & Public Safety	CEO	500	618	123.64%	0	0	
05451	Expense - Other Law, Order & Public Safety	MOW	0	0	-	(500)	(250)	50.00%
05452	Expense - Volunteer Services Callouts	MOW	0	0	-	(1,000)	(431)	43.07%
			0	618	-	(1,500)	(681)	45.38%
TOTAL LAW, ORDER & PUBLIC SAFETY			189,400	192,562	106.92%	(341,200)	(272,164)	84.37%
HEALTH								
Maternal & Infant Health								
07001	Revenue - Health	MFA	2,000	0	0.00%	0	0	-
07101	Expense - Health (Playgroup Building)	MOW	0	0	-	(7,700)	(6,119)	79.47%
07110	Expense - Asset Depreciation	MFA	0	0	-	(2,500)	(2,083)	83.33%
			2,000	0	0.00%	(10,200)	(8,202)	80.41%
Health Inspection & Admin								
07121	Revenue - Health Inspection (No GST)	MFA	600	472	78.67%	0	0	-
07130	Expense - Health Inspection	CEO	0	0	-	(29,800)	(23,802)	80.14%
			600	472	78.67%	(29,800)	(23,802)	80.14%
Preventative Services - Pest Control								
07201	Revenue - Pest Control	MOW	7,000	7,119	355.96%	0	0	-
07301	Expense - Pest Control	MOW	0	0	-	(36,800)	(25,898)	80.43%
			7,000	7,119	355.96%	(36,800)	(25,898)	80.43%
TOTAL HEALTH			9,600	7,591	165.03%	(76,800)	(57,902)	80.31%
EDUCATION & WELFARE								
Other Education								
08001	Revenue - Education	MFA	300	0	0.00%	0	0	-
08101	Expense - Education	MFA	0	0	-	(4,300)	(4,300)	100.00%
08102	Expense - Broomehill Primary School	CEO	0	0	-	(1,000)	(1,040)	104.00%
08103	Expense - Tambellup Primary School	CEO	0	0	-	(1,300)	(1,000)	76.92%
			300	0	0.00%	(6,600)	(6,340)	96.06%
Other Welfare								
08201	Revenue - Other Welfare	SSPO	155,000	0	0.00%	0	0	-
08303	Expense - Youth Services	SSPO	0	0	-	(82,700)	(15,807)	19.14%
08304	Expense - Tambellup Youth Centre	MOW	0	0	-	(5,400)	(1,320)	24.45%
			155,000	0	0.00%	(88,100)	(17,127)	19.46%
TOTAL EDUCATION & WELFARE			155,300	0	0.00%	(94,700)	(23,467)	24.81%

SHIRE OF BROOMEHILL-TAMBELLUP
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 May 2024

8: OPERATING REVENUE AND EXPENDITURE

		REVENUE			EXPENSE			
	Resp. Officer	Revised Budget	YTD Actual	%	Revised Budget	YTD Actual	%	
HOUSING								
Staff Housing								
09106	Expense - Housing 18 Henry Street, Tambellup	MOW	0	0	-	(10,300)	(6,524)	63.34%
09107	Expense - Housing 63 Taylor Street, Tambellup	MOW	0	0	-	(20,800)	(19,515)	141.41%
09108	Expense - Housing 17 Taylor Street, Tambellup	MOW	0	0	-	(13,400)	(9,495)	70.86%
09109	Expense - Housing 21 Lathom Street, Broomehill	MOW	0	0	-	(23,400)	(13,538)	57.85%
09110	Expense - Housing 5 Leven Street, Broomehill	MOW	0	0	-	(14,900)	(11,107)	87.45%
09120	Expense - Housing 38 Ivy Street, Broomehill	MOW	0	0	-	(9,400)	(12,062)	165.23%
09300	Expense - Allocation of Housing Costs	MFA	0	0	-	92,200	72,241	91.56%
			0	0	0.00%	0	(182)	9.08%
Other Housing								
09002	Revenue - Sandalwood Villas	MFA	52,000	49,600	95.38%	0	0	-
09003	Revenue - Lavieville Lodge	MFA	12,000	10,067	83.89%	0	0	-
09004	Revenue - Other Housing	MFA	99,000	91,576	92.50%	0	0	-
09007	Revenue - Holland Court	MFA	35,000	27,045	77.27%	0	0	-
09125	Expense - Sandalwood Villas	MOW	0	0	-	(48,700)	(55,243)	113.44%
09126	Expense - Lavieville Lodge	MOW	0	0	-	(33,600)	(34,824)	103.64%
09128	Expense - Lot 384 Parnell Street, Tambellup (GROH)	MOW	0	0	-	(19,600)	(13,285)	67.78%
09129	Expense - Lot 1/22 Taylor Street, Tambellup (GROH)	MOW	0	0	-	(17,600)	(11,036)	62.71%
09131	Expense - Lot 2/22 Taylor Street, Tambellup (GROH)	MOW	0	0	-	(17,600)	(10,627)	60.38%
09132	Expense - Holland Court	MOW	0	0	-	(27,100)	(19,603)	72.34%
			198,000	178,288	90.04%	(164,200)	(144,619)	88.07%
TOTAL HOUSING			198,000	178,288	90.04%	(164,200)	(144,800)	87.12%
COMMUNITY AMENITIES								
Household Refuse								
10001	Revenue - Household Refuse	MFA	63,100	63,960	101.36%	0	0	-
10002	Revenue - Commercial Refuse	MFA	8,900	8,660	97.30%	0	0	-
10003	Revenue - Tip Site Charges	MFA	2,000	1,087	54.36%	0	0	-
10005	Revenue - Other Refuse Collection	MFA	1,000	327	32.73%	0	0	-
10076	Expense - Household Refuse	MOW	0	0	-	(68,800)	(53,872)	78.42%
10078	Expense - Tambellup Tip	MOW	0	0	-	(12,000)	(9,703)	102.14%
10079	Expense - Other Refuse Collection	MOW	0	0	-	(18,200)	(20,620)	113.30%
10080	Expense - Broomehill Tip	MOW	0	0	-	(18,000)	(21,762)	150.08%
10081	Expense - Transfer Station Tambellup	MOW	0	0	-	(80,100)	(63,822)	79.68%
10082	Expense - Transfer Station Broomehill	MOW	0	0	-	(80,100)	(63,807)	79.66%
10090	Expense - Asset Depreciation	MFA	0	0	-	(4,000)	(3,575)	89.37%
			75,000	74,034	98.71%	(281,200)	(237,161)	86.21%
Protection Of Environment								
10153	Revenue - Protection of the Environment	MOW	4,500	273	6.06%	0	0	-
10228	Expense - Drummuster	MOW	0	0	-	(4,500)	0	0.00%
			4,500	273	6.06%	(4,500)	0	0.00%

SHIRE OF BROOMEHILL-TAMBELLUP
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 May 2024

13.1.1 Financial Statements May 2024

8: OPERATING REVENUE AND EXPENDITURE

	Resp. Officer	REVENUE			EXPENSE		
		Revised Budget	YTD Actual	%	Revised Budget	YTD Actual	%
Town Planning & Regional Development							
10301 Revenue - Town Planning	CEO	10,000	10,472	104.72%	0	0	-
10376 Expense - Town Planning	CEO	0	0	-	(113,800)	(48,730)	62.00%
		10,000	10,472	104.72%	(113,800)	(48,730)	62.00%
Other Community Amenities							
10451 Revenue - Other Community Amenities	MFA	10,000	3,867	38.67%	0	0	-
10526 Expense - Tambellup Cemetery	MOW	0	0	-	(65,400)	(28,926)	44.37%
10527 Expense - Broomehill Cemetery	MOW	0	0	-	(35,700)	(28,421)	99.03%
10528 Expense - Pindellup Cemetery	MOW	0	0	-	(1,800)	0	0.00%
10550 Expense - Asset Depreciation	MFA	0	0	-	(2,100)	(1,714)	81.63%
		10,000	3,867	38.67%	(105,000)	(59,062)	60.39%
Public Conveniences							
10625 Expense - Diprose Park Public Toilets, Tambellup	MOW	0	0	-	(11,200)	(8,832)	78.86%
10626 Expense - Norrish Street Public Toilets, Tambellup	MOW	0	0	-	(32,800)	(27,905)	85.08%
10627 Expense - Holland Park Public Toilets, Broomehill	MOW	0	0	-	(21,200)	(12,397)	58.48%
10630 Expense - Asset Depreciation	MFA	0	0	-	(3,800)	(3,809)	100.23%
		0	0	-	(69,000)	(52,943)	76.73%
		99,500	88,646	89.09%	(573,500)	(397,896)	75.79%
TOTAL COMMUNITY AMENITIES							
RECREATION & CULTURE							
Public Halls & Civic Centres							
11001 Revenue - Broomehill Hall	MFA	500	762	152.36%	0	0	-
11002 Revenue - Broomehill Recreation Complex	MFA	157,500	0	0.00%	0	0	-
11005 Revenue - Tambellup Hall	MFA	103,000	1,555	1.51%	0	0	-
11007 Revenue - Tambellup Pavilion	MFA	20,000	27,182	135.91%	0	0	-
11076 Expense - Broomehill Hall	MOW	0	0	-	(22,100)	(21,457)	97.09%
11077 Expense - Broomehill Recreation Complex	MOW	0	0	-	(35,900)	(23,057)	64.22%
11078 Expense - Broomehill RSL Hall	MOW	0	0	-	(4,900)	(2,124)	43.36%
11080 Expense - Tambellup Hall	MOW	0	0	-	(30,400)	(28,734)	94.52%
11081 Expense - Tambellup RSL Hall	MOW	0	0	-	(1,100)	(1,235)	112.31%
11082 Expense - Former Tambellup Bowling Club	MOW	0	0	-	(800)	(1,381)	172.66%
11241 Expense - Tambellup Pavilion	MOW	0	0	-	(90,100)	(93,983)	107.04%
11190 Expense - Asset Depreciation	MFA	0	0	-	(139,600)	(127,935)	91.64%
		281,000	29,498	10.50%	(324,900)	(299,907)	92.97%
Other Recreation & Sport							
11151 Revenue - Other Recreation & Sport	MFA	135,000	974	0.72%	0	0	-
11224 Expense - Other Parks, Gardens & Reserves	MOW	0	0	-	(67,600)	(47,986)	83.45%
11225 Expense - Parks, Gardens & Reserves	MOW	0	0	-	(663,100)	(595,158)	83.23%
11248 Expense - Water Supplies	MOW	0	0	-	(22,500)	(17,589)	78.18%
11270 Expense - Asset Depreciation	MFA	0	0	-	(132,600)	(103,327)	77.92%
		135,000	974	0.72%	(885,800)	(764,060)	82.36%

SHIRE OF BROOMEHILL-TAMBELLUP
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 May 2024

8: OPERATING REVENUE AND EXPENDITURE

		REVENUE			EXPENSE			
	Resp. Officer	Revised Budget	YTD Actual	%	Revised Budget	YTD Actual	%	
Libraries								
11301	Revenue - Broomehill Library	MFA	100	7	6.55%	0	0	-
11302	Revenue - Tambellup Library & CRC	MFA	4,000	3,944	-	0	0	-
11376	Expense - Broomehill Library	MFA	0	0	-	(77,000)	(57,831)	77.42%
11377	Expense - Tambellup Library & CRC	MFA	0	0	-	(76,100)	(74,354)	100.34%
11390	Expense - Asset Depreciation	MFA	0	0	-	(10,500)	(9,660)	92.00%
			4,100	3,950	3950.08%	(163,600)	(141,845)	89.04%
Other Culture								
11451	Revenue - Other Culture	SSPO	0	0	-	0	0	-
11526	Expense - Broomehill Museum	MOW	0	0	-	(15,400)	(16,921)	201.44%
11527	Expense - Tambellup Museum (Station Masters Res)	MOW	0	0	-	(3,300)	(3,722)	112.79%
11528	Expense - Heritage Trail	SSPO	0	0	-	(22,500)	(7,150)	31.78%
11529	Expense - Toolbrunup School	MOW	0	0	-	(700)	(513)	73.21%
11531	Expense - Other Culture	SSPO	0	0	-	(15,000)	(14,573)	97.15%
11550	Expense - Asset Depreciation	MFA	0	0	-	(5,500)	(7,136)	129.75%
			0	0	0.00%	(62,400)	(50,014)	90.28%
TOTAL RECREATION & CULTURE			420,100	34,422	8.27%	(1,436,700)	(1,255,825)	85.72%
TRANSPORT								
Road Construction								
12001	Revenue - Grants Roads to Recovery	MOW	853,300	0	0.00%	0	0	-
12004	Revenue - Grants Regional Road Group	MOW	806,000	640,286	79.44%	0	0	-
12007	Revenue - Local Roads & Community Infrastructure Program	MOW	662,700	0	0.00%	0	0	-
			2,322,000	640,286	27.57%	0	0	-
Streets, Roads, Bridges & Depot Maintenance								
12156	Revenue - Grants Other	SSPO	100,000	100,000	100.00%	0	0	-
12159	Revenue - Direct Grant	MFA	197,600	197,617	107.40%	0	0	-
12160	Revenue - Profit on Sale of Assets	MFA	5,500	67,316	1223.92%	0	0	-
12162	Revenue - Other Road Maintenance (No GST)	MFA	12,000	2,185	18.21%	0	0	-
12226	Expense - Road Maintenance	MOW	0	0	-	(976,800)	(906,663)	92.82%
12228	Expense - RAMM Road Inventory	MFA	0	0	-	(30,000)	(12,253)	40.84%
12250	Expense - Maintenance Other	MFA	0	0	-	(191,300)	(94,940)	49.73%
12251	Expense - Street Lighting	MFA	0	0	-	(35,000)	(27,645)	78.99%
12252	Expense - Tambellup Depot Maintenance	MOW	0	0	-	(48,400)	(54,826)	129.31%
12255	Expense - Broomehill Depot Maintenance	MOW	0	0	-	(18,400)	(11,887)	64.61%
12258	Expense - Asset Depreciation	MFA	0	0	-	(1,614,400)	(1,483,320)	91.88%
12259	Expense - Staff Housing Allocation	MFA	0	0	-	(46,000)	(37,146)	0.00%
12260	Expense - Gravel Pit Rehabilitation	MOW	0	0	-	(2,800)	(3,956)	141.30%
			315,100	367,118	121.76%	(2,963,100)	(2,632,636)	89.32%

SHIRE OF BROOMEHILL-TAMBELLUP
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 May 2024

8: OPERATING REVENUE AND EXPENDITURE

	Resp. Officer	REVENUE			EXPENSE			
		Revised Budget	YTD Actual	%	Revised Budget	YTD Actual	%	
Traffic Control								
12451	Revenue - Licensing	MFA	16,300	14,553	89.28%	0	0	-
12526	Expense - Licensing	MFA	0	0	-	(194,000)	(147,879)	76.70%
			16,300	14,553	89.28%	(194,000)	(147,879)	76.70%
	TOTAL TRANSPORT		2,653,400	1,021,957	38.71%	(3,157,100)	(2,780,515)	88.54%
ECONOMIC SERVICES								
Rural Services								
13076	Expense - Rural Services	MOW	0	0	-	(7,200)	(6,725)	448.31%
13078	Expense - Vermin & Pest Control	MOW	0	0	-	0	(252)	#DIV/0!
			0	0	-	(7,200)	(6,976)	465.08%
Tourism & Area Promotion								
13151	Revenue - Broomehill Caravan Park	MFA	103,000	76,702	84.29%	0	0	-
13156	Revenue - Other Tourism & Area Promotion	MFA	500	49	9.89%	0	0	-
13157	Revenue - Tambellup Caravan Park	CEO	976,000	0	0.00%	0	0	-
13226	Expense - Broomehill Caravan Park	MOW	0	0	-	(112,800)	(98,033)	86.91%
13229	Expense - Great Southern Treasures	CEO	0	0	-	(16,000)	(13,000)	81.25%
13232	Expense - Other Tourism & Area Promotion	SSPO	0	0	-	(89,500)	(64,646)	72.47%
13233	Expense - Tambellup Caravan Park	CEO	0	0	-	(20,000)	(6,169)	30.84%
13250	Expense - Asset Depreciation	MFA	0	0	-	(16,300)	(13,752)	84.37%
			1,079,500	76,751	8.15%	(254,600)	(195,601)	76.92%
Building Control								
13301	Revenue - Building Services	MFA	4,000	3,694	246.29%	0	0	-
13302	Revenue - Construction Training Fund Levy	MFA	500	192	38.35%	0	0	-
13303	Revenue - Building Services Levy	MFA	2,000	2,165	216.51%	0	0	-
13305	Revenue - Commissions on Building Levies	MFA	100	58	57.55%	0	0	-
13376	Expense - Building Services	CEO	0	0	-	(42,300)	(25,358)	60.09%
13377	Expense - Construction Training Fund Levy	MFA	0	0	-	(500)	0	0.00%
13378	Expense - Building Services Levy	MFA	0	0	-	(2,000)	(1,273)	127.30%
			6,600	6,109	197.06%	(44,800)	(26,631)	60.94%
Other Economic Services								
13451	Revenue - Other Economic Services	MFA	33,800	55,452	164.06%	0	0	-
13527	Expense - Standpipe & Bore Mtce	MOW	0	0	-	(52,200)	(114,367)	219.09%
13528	Expense - Railway Building	MOW	0	0	-	(9,300)	(6,226)	66.95%
13529	Expense - Community Bank	MOW	0	0	-	(8,300)	(4,100)	49.40%
13550	Expense - Asset Depreciation	MFA	0	0	-	(9,200)	(8,266)	89.85%
			33,800	55,452	164.06%	(79,000)	(132,959)	168.30%
	TOTAL ECONOMIC SERVICES		1,119,900	138,312	14.14%	(385,600)	(362,168)	95.69%

SHIRE OF BROOMEHILL-TAMBELLUP
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 May 2024

13.1.1 Financial Statements May 2024

8: OPERATING REVENUE AND EXPENDITURE

OTHER PROPERTY & SERVICES

Private Works

	Resp. Officer	Revised Budget	YTD Actual	%	Revised Budget	YTD Actual	%
14001 Revenue - Private Works	MFA	6,000	5,383	89.72%	0	0	-
14051 Expense - Private Works	MOW	0	0	-	(5,300)	(5,617)	105.98%
		6,000	5,383	89.72%	(5,300)	(5,617)	105.98%

Public Works Overheads

14101 Revenue - Public Works Overheads No GST	MFA	2,000	0	0.00%	0	0	-
14151 Expense - Public Works Overhead	MOW	0	0	-	(894,600)	(736,159)	82.41%
14152 Expense - Unallocated Wages	MOW	0	0	-	0	0	#DIV/0!
14153 Expense - Occ Health & Safety	MOW	0	0	-	(27,500)	(21,516)	95.63%
14154 Expense - Works Training	MOW	0	0	-	(30,500)	(24,000)	64.00%
14200 Expense - PWO Allocated	MFA	0	0	-	952,600	811,096	85.08%
		2,000	0	0.00%	0	29,421	0.00%

Plant Operation Costs

14250 Revenue - Plant Operation	MFA	35,000	26,904	76.87%	0	0	-
14251 Expense - Plant Operation	MOW	0	0	-	(568,300)	(480,695)	84.60%
14300 Expense - Plant Operation Allocated	MFA	0	0	-	568,300	459,710	80.91%
14301 Expense - Plant Depreciation Recovered	MFA	0	0	-	0	144,233	-
		35,000	26,904	76.87%	0	123,248	-

Salaries & Wages

14551 Expense - Gross Wages & Salaries	CEO	0	0	-	(2,372,200)	(1,941,907)	81.86%
14600 Expense - Wages & Salaries Allocated	CEO	0	0	-	2,372,200	1,941,907	81.86%
		0	0	-	0	0	-

Unclassified

14706 Revenue - Unclassified	MFA	45,000	0	0.00%	0	0	#DIV/0!
14753 Expense - Unclassified	CEO	0	0	-	(50,000)	(14,207)	28.41%
14754 Expense - Doubtful Debts Expense	CEO	0	0	-	0	(12,295)	#DIV/0!
14755 Expense - Asset Depreciation	CEO	0	0	-	0	(688)	#DIV/0!
14756 Expense - Lease Reserve 22607 Garrity St Tambellup	MFA	0	0	-	(5,000)	(4,800)	96.00%
14759 Expense - 50 Norrish Street, Tambellup	MOW	0	0	-	(28,200)	(26,050)	122.88%
		45,000	0	0.00%	(83,200)	(58,041)	76.17%

Workers Compensation

14800 Revenue - Workers Compensation	MFA	50,000	51,373	171.24%	0	0	-
14851 Expense - Workers Compensation	MFA	0	0	-	(50,000)	(54,494)	181.65%
		50,000	51,373	171.24%	(50,000)	(54,494)	181.65%

TOTAL OTHER PROPERTY & SERVICES		138,000	83,661	114.60%	(138,500)	34,517	-30.96%
TOTAL OPERATING REVENUE / (EXPENSE)		8,213,400	4,956,783	63.38%	(7,408,700)	(5,952,277)	81.99%

SHIRE OF BROOMEHILL-TAMBELLUP
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 May 2024

9: CAPITAL REVENUE AND EXPENDITURE

		REVENUE			EXPENSE			COMMENT
Resp Officer	Class	Revised Budget	YTD Actual	%	Revised Budget	YTD Actual	%	
12300	Plant trailer with electric brakes, winch	0	0	-	(10,000)	0	0.00%	Plant Reserve
12300	Ford Ranger Wildtrak with canopy - BHT152 (MOW)	37,000	48,182	130.22%	(52,000)	(57,277)	110.15%	Plant Reserve
12300	Ford Ranger Wildtrak - BHT153 (WS)	37,000	48,182	130.22%	(52,000)	(53,641)	103.16%	Plant Reserve
12300	Ford Ranger dual cab - BHT157	30,000	31,818	106.06%	(45,000)	(59,187)	131.53%	Plant Reserve
12300	Ford Ranger dual cab - BHT158	35,000	0	0.00%	(50,000)	0	0.00%	Plant Reserve
12300	Ford Ranger extra cab - BHT156	35,000	35,455	101.30%	(50,000)	(48,892)	97.78%	Plant Reserve
12300	Ford Ranger dual cab - BHT159	30,000	35,455	118.18%	(45,000)	(45,484)	101.08%	Plant Reserve
12300	Ford Ranger extra cab - BHT154	35,000	0	0.00%	(50,000)	0	0.00%	Plant Reserve
12161	Isuzu Jetpatcher	80,000	63,636	79.55%	0	0	-	Plant Reserve
Townscape								
CAP126	Streetscape - Tambellup (Crowden St footpaths/street trees)	0	0	-	(75,000)	0	0.00%	
CAP127	Streetscape - Broomehill (paving in Museum grounds, west to India St)	0	0	-	(50,000)	(38,666)	77.33%	
CAP182	Footpaths - Journal St (Annice to India northern side)	0	0	-	(13,500)	(14,091)	104.38%	
CAP183	Footpaths - Crawford Street (GS Hwy to Saggers St)	0	0	-	(12,500)	(8,139)	65.12%	
CAP184	Footpaths - Saggers Street (Tamb West Rd to Crawford St)	0	0	-	(10,500)	(7,239)	68.95%	
LR404	Tambellup Railway Precinct	0	0	-	(400,000)	(20,528)	5.13%	LRCIP4 \$345,300
CAP188	Parking - Broomehill Information Bay and Complex	0	0	-	(15,000)	0	0.00%	
Road Construction - Regional Road Group								
RG64	Warrenup Rd - reconstruct gravel section to 7.0m, seal	0	0	-	(188,500)	(205,923)	109.24%	Carry over from 22/23
RG66	Gnowangerup Tambellup Road - Repair failed pavement reseal to 7m	0	0	-	(150,000)	(46,363)	30.91%	
RG67	Broomehill-Kojonup Road - Repair failed pavement reseal to 7m	0	0	-	(150,000)	(61,130)	40.75%	
RG68	Tieline Road - Repair failed sections, widen shoulders to 9m and reseal to	0	0	-	(225,000)	(240,690)	106.97%	
RG69	Warrenup Road - Reconstruct gravel section to 7m two coat seal	0	0	-	(400,000)	(176,560)	44.14%	
RG70	Tieline Road - Repair failed sections, widen shoulders to 9m and reseal to	0	0	-	(150,000)	(84,972)	56.65%	
Road Construction - Roads to Recovery								
RR29	Chillicup Rd - seal Brasseley to Morgan Rd	0	0	-	(289,100)	(255,046)	88.22%	
RR30	Nelson Road - seal (McGuire to Chillicup)	0	0	-	(25,000)	(23,705)	94.82%	
RR31	Crawford Street - reseal (both east & west)	0	0	-	(25,000)	(27,428)	109.71%	
RR32	Bridge/Donald Street - construct & seal	0	0	-	(65,000)	(76,958)	118.40%	
Local Roads & Community Infrastructure Program - Phase 2								
LR1	Nymbup Road - repair & extend culverts	0	0	-	(20,000)	0	0.00%	
LR14	Greenhills South Rd - widen, reconstruct, seal	0	0	-	(150,000)	(100,072)	66.71%	
	Add back Job Depreciation	0	0	-	116,900	58,621	50.15%	
	Total	574,000	568,727	-	(3,476,200)	(2,345,612)	67.48%	
ECONOMIC SERVICES								
LR308	Broomehill Caravan Park - building upgrades/storage	0	0	-	(41,000)	(17,779)	43.36%	LRCIP3
CAP185	Broomehill Caravan Park - parking, gravel road to unpowered, extend 2 ba	0	0	-	(10,000)	0	0.00%	
LR309	Tambellup Caravan Park - cabins	0	0	-	(276,000)	0	0.00%	Tamb Cropping Group
LR310	Tambellup Caravan Park - park infrastructure	0	0	-	(550,000)	(16,046)	2.92%	LRCIP3
LR311	Tambellup Caravan Park - building upgrades	0	0	-	(150,000)	0	0.00%	LRCIP3
	Total	0	0	-	(1,027,000)	(33,825)	3.29%	

SHIRE OF BROOMEHILL-TAMBELLUP
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 May 2024

13.1.1 Financial Statements May 2024

9: CAPITAL REVENUE AND EXPENDITURE

OTHER PROPERTY & SERVICES

CAP186 61 Garrity Street - landscaping

TOTAL

BUILDINGS - NON SPECIALISED

BUILDINGS - SPECIALISED

PLANT & EQUIPMENT

INFRASTRUCTURE - ROADS

INFRASTRUCTURE - FOOTPATHS

INFRASTRUCTURE - PARKS & OVALS

INFRASTRUCTURE - OTHER

RESERVE TRANSFERS from / (to)

Leave Reserve

Plant Replacement Reserve

Building Reserve

Computer Reserve

Tambellup Recreation Ground & Pavilion Reserve

Broomehill Recreation Complex Reserve

Building Maintenance Reserve

Sandalwood Villas Reserve

Broomehill Synthetic Bowling Green Replacement Reserve

Refuse Sites Post Closure Management Reserve

Lavieville Lodge Reserve

Townscape Plan Implementation Reserve

Tambellup Bowling Green Replacement Reserve

Tourism and Economic Development Reserve

Energy Efficiency Reserve

Parks & Playgrounds Reserve

LOANS

00122 Loan Repayments

TOTAL CAPITAL

Resp Officer	Class	REVENUE			EXPENSE			COMMENT
		Revised Budget	YTD Actual	%	Revised Budget	YTD Actual	%	
MOW	I-P	0	0	-	(10,000)	(3,895)	38.95%	
	Total	<u>0</u>	<u>0</u>	-	<u>(10,000)</u>	<u>(3,895)</u>	38.95%	
		<u>659,000</u>	<u>662,364</u>	-	<u>(5,560,500)</u>	<u>(2,788,877)</u>	50.16%	
	BNS	0	0		(30,000)	(30,160)	100.53%	
	BS	0	0		(882,000)	(220,709)	25.02%	
	P&E	659,000	662,364		(1,371,300)	(1,179,563)	86.02%	
	I-R	0	0		(1,735,700)	(1,240,227)	71.45%	
	I-F	0	0		(161,500)	(68,135)	42.19%	
	I-P	0	0		(385,000)	(7,508)	1.95%	
	I-O	0	0		(995,000)	(42,574)	4.28%	
		<u>659,000</u>	<u>662,364</u>		<u>(5,560,500)</u>	<u>(2,788,877)</u>	50.16%	
	MFA	107,500	0	0.00%	(54,000)	(3,381)	6.26%	
	MFA	465,000	0	0.00%	(468,900)	(11,368)	2.42%	
	MFA	50,000	0	0.00%	(30,000)	(29,293)	97.64%	
	MFA	0	0	#DIV/0!	(7,500)	(2,431)	-	
	MFA	0	0	#DIV/0!	(8,000)	(3,005)	-	
	MFA	0	0	#DIV/0!	(58,600)	(5,059)	-	
	MFA	0	0	#DIV/0!	(3,300)	(3,373)	-	
	MFA	0	0	#DIV/0!	(15,100)	(5,119)	-	
	MFA	0	0	#DIV/0!	(12,800)	(4,194)	-	
	MFA	0	0	#DIV/0!	(12,000)	(1,952)	-	
	MFA	30,000	0	0.00%	(14,200)	(4,186)	29.48%	
	MFA	0	0	#DIV/0!	(9,800)	(9,767)	-	
	MFA	0	0	#DIV/0!	(9,500)	(1,883)	-	
	MFA	0	0	#DIV/0!	(20,500)	(591)	-	
	MFA	0	0	#DIV/0!	(20,000)	0	-	
	MFA	0	0	#DIV/0!	(20,000)	0	-	
		<u>652,500</u>	<u>0</u>	0.00%	<u>(764,200)</u>	<u>(85,601)</u>	11.20%	
	MFA	0	0		(110,700)	(79,617)		
		<u>0</u>	<u>0</u>		<u>(110,700)</u>	<u>(79,617)</u>		
		<u>1,311,500</u>	<u>662,364</u>		<u>(6,435,400)</u>	<u>(2,954,095)</u>		

SHIRE OF BROOMEHILL-TAMBELLUP
Municipal Fund & Trust Fund payments for the month ending 31 May 2024
Presented to Council on 20 June 2024
Local Government (Financial Management) Regulations 1996 - r12 & r13

Chq/EFT	Date Paid	Payee	Description	Amount
CHEQUES				
4416	10/05/2024	WATER CORPORATION	Water Usage Charges 14/02/24 to 11/04/24 - Water Service Charges 01/03/24 to 30/04/24	10,599.74
4417	30/05/2024	WATER CORPORATION	Water Usage Charges 08/03/24 to 09/05/24 - Water Service Charges 01/05/24 to 30/06/24	24,544.32
EFT's				
EFT16366	07/05/2024	EDWARD JOHN FARMER	Rates refund for assessment A357	1,500.00
EFT16367	07/05/2024	FLEETCARD	April 2024 - Fuel - BHT150, BHT151, BHT152 & Ranger	1,577.71
EFT16368	10/05/2024	124 TAMBELLUP STORE	April 2024 - Depot - Fuel for Oval Pump, Milk, Sugar, Tea Bags, Coffee, Toolbox Meeting Supplies, Biscuits	1,360.94
EFT16369	10/05/2024	ALBANY FORD	Changeover Ford Ranger BHT157; all weather mats for Everest BHT150, Everest BHT151, Wildtrak BHT152 & Wildtrak BHT153	30,612.58
EFT16370	10/05/2024	ALBANY SOLAR	Tambellup Pavilion - Solar Panels including upgrade of 2 x 10kw hybrid inverters	30,595.02
EFT16371	10/05/2024	AMPAC DEBT RECOVERY	Rates debt collection costs - 30/04/2024	5,413.95
EFT16372	10/05/2024	AUSTRALIA POST	Tambellup Postage - April 2024 inc Anzac Day Flyer	167.98
EFT16373	10/05/2024	BOC LIMITED	Cylinder Rent - Depot - Oxygen x1, Dissolved Acetylene x2, Argoshield x1 - 29/03/24 to 27/04/24	50.03
EFT16374	10/05/2024	BTW RURAL SUPPLIES	Honda poly pump 6.5hp as quoted - Tambellup West Brigade	2,013.00
EFT16375	10/05/2024	CORSIGN WA Pty Ltd	School Bus Stop signs - various roads	1,492.70
EFT16376	10/05/2024	DHU SOUTH ELECTRICAL	Connect new hot water system to power - Bhill town hall	292.93
EFT16377	10/05/2024	GOOP TRADING T/AS BROOMEHILL POST OFFICE & HARDWARE	Broomehill Postage - April 2024 Anzac Day Flyer	48.00
EFT16378	10/05/2024	HERSEY'S SAFETY PTY LTD	Protective clothing & equipment	2,297.07
EFT16379	10/05/2024	INTEGRATED ICT	IT Support April 2024 - Managed Service Agreement, Service Desk and Remote Management & Monitoring	2,653.86
EFT16380	10/05/2024	JANINE THORNTON	Catering for RRG meeting	1,800.00
EFT16381	10/05/2024	KATANNING STOCK AND TRADING	Electric Hot Water system - Bhill Hall	1,186.75
EFT16382	10/05/2024	KATANNING VET CLINIC	Parvovirus testing impounded dog	77.00
EFT16383	10/05/2024	LANDGATE CUSTOMER ACCOUNT	Mining tenement revaluation roll; interim valuations	374.85
EFT16384	10/05/2024	LOCAL GOVERNMENT PROFESSIONALS WA	People & Culture Network event registration P Hull	110.00
EFT16385	10/05/2024	LW HULL	Roadside Spraying - March 2024	10,971.80

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Chq/EFT	Date Paid	Payee	Description	Amount
EFT16386	10/05/2024	MCLEODS BARRISTERS AND SOLICITORS	Legal advice - Town Planning application - 11 Janitor Street, Bhill	359.70
EFT16387	10/05/2024	NUKE EM PEST CONTROL	Conduct termite inspections to all shire owned properties and grounds	11,554.00
EFT16388	10/05/2024	OHURA CONSULTING PTY LTD	April 2024 - Consultancy services - Industrial Agreement Replacement Project	1,826.00
EFT16389	10/05/2024	PATHWEST	Pre-employment drug and alcohol screening - S Swain	99.00
EFT16390	10/05/2024	RAY FORD SIGNS	Update Council Honour Board - Tamb Admin Office	184.80
EFT16391	10/05/2024	RESONLINE	Broomehill Caravan Park Online Booking System - monthly fee	134.31
EFT16392	10/05/2024	SCAVENGER SUPPLIES	Inspection of Fire Extinguishers and Blankets	2,464.00
EFT16393	10/05/2024	STATEWIDE BUILDING CERTIFICATION	Tambellup Caravan Park Redevelopment - Stage 1 BCA Preliminary Report	1,925.00
EFT16394	10/05/2024	SYNERGY	Electricity Usage and Supply various properties - 02/03/24 to 26/04/24	6,712.08
EFT16395	10/05/2024	TEAM GLOBAL EXPRESS PTY LTD	Freight to 28/04/2024	194.29
EFT16396	10/05/2024	TOWN PLANNING INNOVATIONS	General Planning Services - April 2024	1,402.50
EFT16397	10/05/2024	TRUCK CENTRE WA PTY LTD	First service parts and oils - BHT125	1,682.55
EFT16398	10/05/2024	TYREPOWER KATANNING	Truck Tyre - Kuhmo KH 11R22.5 RD23 - BH002	655.00
EFT16399	10/05/2024	VISIMAX	Datamax Microchip Reader - Ranger services	686.20
EFT16400	10/05/2024	WARREN BLACKWOOD WASTE	April 2024 - Management of Waste Transfer Stations; household refuse & recycling collections	19,413.24
EFT16401	10/05/2024	WATKINS PLUMBING	Clear Blocked Drains Tamb Hall; Repair Leaking Valve U3 Sandalwood; Replace HWS Bhill Hall	1,443.15
EFT16402	10/05/2024	WINC AUSTRALIA PTY LIMITED	Paper, general stationary	657.36
EFT16403	10/05/2024	WITHERS AND ASSOCIATES PTY LTD	Provision of Contract Environmental Health Services - April 2024	253.00
EFT16404	10/05/2024	WORK HEALTH PROFESSIONALS PTY LTD	Audiometric testing - employees - 17 April 2024	3,135.00
EFT16405	22/05/2024	ALBANY CITY MOTORS	BH000 mud guard	456.85
EFT16406	22/05/2024	ALBANY FORD	Reversing camera - BHT 156	1,371.00
EFT16407	22/05/2024	AMPAC DEBT RECOVERY	Rates debt collection costs - W/E 10/05/24	120.42
EFT16408	22/05/2024	ARTEIL (WA)	Admin Office chairs x 11	4,790.50
EFT16409	22/05/2024	AUSQ TRAINING	Basic Worksite Traffic Management & Control Reaccreditation - M Hirjee, D Carr & B Trezona	1,068.00
EFT16410	22/05/2024	AUSTWEST ROOFING PTY LTD	Tamb Hall Roof Replacement Final Payment	51,693.33
EFT16411	22/05/2024	BROOMEHILL HERITAGE GROUP	Reimburse Broomehill Heritage Group - Public Liability & Volunteer Accident Premiums - to 16/06/2024	1,457.44
EFT16412	22/05/2024	BROOMEHILL RECREATIONAL COMPLEX COMMITTEE	Donation towards Bus Use - Shire Road Inspections 15/03/24	140.00

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EFT16413	22/05/2024	CITY OF ALBANY	Regional Public Library Consortium postage 2023/24	275.00
EFT16414	22/05/2024	CUTTING EDGES EQUIPMENT PARTS	500Grader blade conversion components - BH006	5,380.50
EFT16415	22/05/2024	GARRARDS PTY LTD (PERTH)	Vector Prime Mozzie Granules	1,628.83
EFT16416	22/05/2024	GRAHAM SCHULTZ	Refund - Bhill Caravan Park - Cancelled part booking	120.00
EFT16417	22/05/2024	GREAT SOUTHERN FUEL SUPPLIES	Diesel & Unleaded - Tambellup Depot	14,108.10
EFT16418	22/05/2024	INTEGRATED ICT	April 24 - Microsoft 365 Business Licenses for Councillor emails	693.00
EFT16419	22/05/2024	J BLACKWOOD & SON	Cleaning products - part order	458.58
EFT16420	22/05/2024	KATANNING PLANT HIRE & CONCRETE SUPPLIES	60 cubic meters stabe sand and concrete - Greenhills Sth Rd	17,525.20
EFT16421	22/05/2024	KATANNING RETICULATION AND PUMP SUPPLY	Supply and fit new solenoid number 5 - Bhill Oval	1,696.20
EFT16422	22/05/2024	KOJONUP AUTO ELECTRICS	BH009 Radio Converter	129.60
EFT16423	22/05/2024	MJB INDUSTRIES PTY LTD	600 double pipe headwall x1 - Greenhills Sth Rd	1,973.93
EFT16424	22/05/2024	PLANTAGENET MEDICAL GROUP	Pre-employment medical - S Swain	150.00
EFT16425	22/05/2024	R A MORT SMASH REPAIRS	Towage of abandoned vehicle (Hyundai) Great Sthn Hwy to Tamb Depot	275.00
EFT16426	22/05/2024	SOUTH REGIONAL TAFE	Forklift Skill Set - M Garcia	51.40
EFT16427	22/05/2024	STEWART & HEATON CLOTHING CO PTY LTD	Fire Brigade PPE - AS4824 jackets x10	1,853.17
EFT16428	22/05/2024	SYNERGY	Electricity Usage and Supply incl streetlights - 25/03/24 to 24/04/24	7,902.22
EFT16429	22/05/2024	TEAM GLOBAL EXPRESS PTY LTD	Freight to 12/05/24	407.79
EFT16430	22/05/2024	TELSTRA	Telephone Usage Charges to 01/05/24; Service Charges to 01/06/24	1,035.05
EFT16431	22/05/2024	TYREPOWER KATANNING	Maxxis 235/75R17 x 2 - BH000	840.00
EFT16432	22/05/2024	WATER CORPORATION	Water Usage Charges 08/03/24 to 09/05/24 - Water Service Charges 01/05/24 to 30/06/24	3,561.45
EFT16433	22/05/2024	WINC AUSTRALIA PTY LIMITED	Battery Backups	213.84
EFT16434	30/05/2024	JODIE DEELEY	Refund Broomehill Caravan Park - Cancelled Booking	40.00
EFT16435	30/05/2024	KERRY SMITH	Return of Hall Bond and Key Deposit - Tambellup Hall Hire	550.00
EFT	07/05/2024	SALARIES & WAGES	Wages for fortnight ending 5 April 2024	62,431.62
EFT	21/05/2024	SALARIES & WAGES	Wages for fortnight ending 19 April 2024	60,834.09
DIRECT DEBITS				
DD6990.1	07/05/2024	AWARE SUPER	Superannuation contributions	7,253.65
DD6990.2	07/05/2024	AUSTRALIAN RETIREMENT TRUST	Superannuation contributions	768.19
DD6990.3	07/05/2024	MERCER SUPER TRUST	Superannuation contributions	289.92
DD6990.4	07/05/2024	HESTA SUPER FUND	Superannuation contributions	127.05

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Chq/EFT	Date Paid	Payee	Description	Amount
DD6990.5	07/05/2024	PANORAMA SUPER	Superannuation contributions	909.12
DD6990.6	07/05/2024	AUSTRALIAN SUPER	Superannuation contributions	1,844.45
DD6990.7	07/05/2024	HOSTPLUS SUPERANNUATION FUND	Superannuation contributions	181.65
DD6990.8	07/05/2024	MACQUARIE SUPER CONSOLIDATOR II	Superannuation contributions	193.76
DD6990.9	07/05/2024	AMP SUPERANNUATION SAVINGS TRUST (SST)	Superannuation contributions	272.56
DD6990.10	07/05/2024	PRIME SUPER	Superannuation contributions	350.56
DD6990.11	07/05/2024	ANZ SMART CHOICE SUPER	Superannuation contributions	603.69
DD6990.12	07/05/2024	REST SUPERANNUATION	Superannuation contributions	379.35
DD6998.1	21/05/2024	AWARE SUPER	Superannuation contributions	7,322.92
DD6998.2	21/05/2024	AUSTRALIAN RETIREMENT TRUST	Superannuation contributions	796.45
DD6998.3	21/05/2024	MERCER SUPER TRUST	Superannuation contributions	152.37
DD6998.4	21/05/2024	HESTA SUPER FUND	Superannuation contributions	123.20
DD6998.5	21/05/2024	PANORAMA SUPER	Superannuation contributions	849.65
DD6998.6	21/05/2024	AUSTRALIAN SUPER	Superannuation contributions	1,811.57
DD6998.7	21/05/2024	HOSTPLUS SUPERANNUATION FUND	Superannuation contributions	181.65
DD6998.8	21/05/2024	MACQUARIE SUPER CONSOLIDATOR II	Superannuation contributions	181.65
DD6998.9	21/05/2024	AMP SUPERANNUATION SAVINGS TRUST (SST)	Superannuation contributions	272.56
DD6998.10	21/05/2024	PRIME SUPER	Superannuation contributions	334.49
DD6998.11	21/05/2024	ANZ SMART CHOICE SUPER	Superannuation contributions	603.69
DD6998.12	21/05/2024	REST SUPERANNUATION	Superannuation contributions	349.61
193	01/05/2024	BANK FEES	Overdraft Fee Municipal Fund	10.00
193	14/05/2024	MESSAGE MEDIA	SMS messages fire brigades	284.90
193	15/05/2024	3E ADVANTAGE	Tamb Photocopier monthly print management fee	1,102.20
193	23/05/2024	BANK FEES	FTS Fees - Creditors and Payroll bulk payments	30.27
193	27/05/2024	BANK FEES	Tyro EFTPOS Machine fees	169.92
Total Municipal Fund				457,504.57

SHIRE OF BROOMEHILL-TAMBELLUP
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BENDIGO BANK CREDIT CARDS

Ref	Date Paid	Cardholder	Description	Amount
April	14/05/2024	Chief Executive Officer	Dome Katanning - WAPC wind farm hearing	32.40
			Monthly Card Fee	4.00
				36.40
April	14/05/2024	Manager of Finance & Administration	Dept Transport - staff MDL renewals x4	173.25
			Dept Transport - retain number plates BHT154 (ranger)	31.10
			Dept Transport - retain number plates 1TA (grader)	31.10
			BWS - refreshments for Council meetings	139.60
			Officeworks - IT equipment	137.00
			Denmark Bakery - WALGA Zone Cr Barritt & MFA	30.20
			AFL Store - J Farmer 40th anniversary gift	200.00
			Awards & Trophies - J Farmer 40th anniversary	278.35
			DMIRS - sewer drawings for Tambellup Hall (for plumber)	13.00
			Zoom - monthly subscription	50.74
			Monthly Card Fee	4.00
				1,088.34
			Total Credit Cards	1,124.74

FLEETCARD

Ref	Date Paid	Cardholder	Description	Amount
EFT16367	07/05/2024	Card 1 - Chief Executive Officer	Fuel - Ford Everest BHT150	755.45
		Card 2 - Manager of Finance & Administration	Fuel - Ford Everest BHT151	369.61
		Card 3 - Manager of Works	Fuel - Ford Ranger BHT152	264.81
		Card 4 - Ranger	Fuel - Ford Ranger BHT158	187.84
			Total Fuel Cards	1,577.71
			Total all Credit/Purchasing Cards	2,702.45



4 June 2024

The Hon. Murray Watt
Minister for Agriculture
Parliament House
Canberra, ACT, 2600

Dear Minister

Re: Live Sheep Export Ban

I write to you on behalf of an alliance of seven shires within the Upper Great Southern region of Western Australia. Our shires collectively host 20% of Western Australia's sheep flock and represent the communities that are most disadvantaged by your decision and the future loss of the live sheep export trade.

The live sheep export trade from Western Australia is a crucial part of our production system and is as relevant today as ever. The Department of Agriculture, Fisheries and Forestry reports a 29% increase in live sheep exports between 2022 and 2023. In addition, we note the Exporter Supply Chain Assurance Program is delivering improvement in animal welfare standards with five consecutive years of improving animal welfare outcomes to 2023. Our production and export processes deliver the best welfare standards in the world.

It is for these reasons we reject your basis for banning this trade.

To understand the impact and to help prepare our communities for the effects of losing this trade, our shires collectively commissioned the attached economic study, to quantify the economic loss.

The cost to the Upper Great Southern region, over a 20 year period, discounted at 7%, is alarming;

- the direct loss to sheep producers & their supply chains is between **-\$475M & -\$791M**; and
- the secondary cost to households & expenditure in the wider economy adds a further loss of between **-\$126M & -\$215M**.

This secondary impact on our retail and service providers has received insufficient attention during your deliberation and this is reflected in the proposed transition package which fails to provide tangible support to this community cohort.

Local governments exist to serve our communities and this includes, without exception, support for our local businesses and facilitation of economic development. We understand how fragile some of our communities are and how the loss of economic activity, such as that now forecast, threatens our very existence, our ability to support medical services, our schools, our retail outlets and sporting clubs.

Our alliance requests that you urgently explore the extent to which community amenity is placed at risk because of this trade ban and the consequential impact it will have on household spending.

These impacts need to be off-set by a broader transition package. Our sense of urgency exists because the impact is going to hit quickly. Most farmers are deciding now to either exit the sheep industry or to significantly reduce their flock, meaning the economic detriment will be felt in the near term and will be in full force well prior to 2028.

We reconfirm our request that, in response to the trade ban, the Federal Government take urgent action to;

1. quantify and publish the economic impact on our communities, particularly those impacts affecting regional retailers, essential medical & educational services and sporting clubs (ie impacts beyond the immediate supply chain & farm gate),
2. that a more equitable transition package be developed to support the sustainability of retail, essential medical & educational services and sporting clubs impacted by this decision, and
3. establish an investment fund to encourage and assist the regional economic development effort required to off-set the negative impacts caused by the trade ban.

Yours faithfully

..... Kristy D'Aprile President Shire of Katanning Roger Bilney President Shire of Kojonup George Pollard President Shire of Cranbrook Kate O'Keefe President Shire of Gnowangerup
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..... Joanne Iffla President Shire of Jerramungup Dale Douglas President Shire of Woodanilling Michael White President Shire of Broomehill-Tambellup
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**LIVE SHEEP TRADE
BY SEA POLICY**

**IMPACT ON THE
UPPER GREAT SOUTHERN
ECONOMY**



Client: Upper Great Southern Region
Title: LIVE SHEEP BY SEA TRADE POLICY
IMPACT ON THE UPPER GREAT SOUTHERN
ECONOMY
Version: FINAL
Date: 2 June 2024



Prepared for:

Upper Great Southern Region

On behalf of the Western Australian shires of;

Katanning, Kojonup, Broomehill-Tambellup, Gnowangerup, Cranbrook, Jerramungup & Woodanilling

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CEO
Shire of Katanning

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VERSION CONTROL

VERSION	PURPOSE	AUTHOR	REVIEWER	APPROVER	APPROVAL DATE
DraftA	Draft for internal review	MW	EW	MW	06/05/2024
DraftB	Draft for client review	MW	RS	MW	07/05/2024
FINAL	Final draft for client review	LP/MW	LP	MW	2/06/2024

APPROVAL FOR ISSUE

APPROVER	CONTACT	SIGNATURE	DATE
Mark Wallace PRINCIPAL	T: 0431 676 254 E: mark.wallace@econisis.com.au		2 June 2024

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EXECUTIVE SUMMARY

Introduction

- The Minister for Agriculture, Fisheries and Forestry, Senator the Hon Murray Watt appointed an independent panel to consult with stakeholders and provide advice on how and when the government will phase out live sheep exports by sea.
- The 30 September 2023 timeline was extended, and the panel was to provide its report to the Minister for Agriculture, Fisheries and Forestry by 25 October 2023. This report has now been released to the public.
- Coinciding with this release was the announcement by the Australian Government of the planned cessation of live sheep export from Australia by May 2028 and a \$107m industry support package for the sheep industry.
- Econisis was engaged to prepare an economic impact assessment for the Upper Great Southern of the Federal Government's planned phasing out of live sheep exports by sea.

Policy Overview

- Analysis was undertaken by Acil Allen in June 2023 on the performance and Value of Live Sheep Export Trade in Australia. Using a point in time model, Acil Allen confirmed that if the live sheep export trade ceased there is an estimated 19.19% reduction in the per head value of sheep in Western Australia. The report also confirmed that the removal of live sheep export flows to Middle East countries (namely Israel, Jordan, Kuwait, Oman, and the UAE) is unlikely to result in any substantive replacement of this trade by increase imports of Australian boxed or chilled sheepmeat and instead would see Australia's place in that market wholly replaced by other live sheep export providers to the detriment of local industry and global animal welfare.
- The Independent Panel on the Phasing Out of Live Sheep Exports provided a copy of their report to the Minister in October 2023. This was subsequently released in May 2024, with the announcement by the Minister of the phasing out of sheep export by May 2028 and the proposed provision. Key issues with the report include:
 - the report appears to be primarily based on 2021/22 flock, production and export figures, which have already experienced a rapid decline in part due to COVID-19 and since the announcement of the Government's intentions and is not representative of medium term attributes of the industry.
 - the Panel did not undertake their own independent modelling of the economic impact, and instead relied upon narrower impact modelling from Acil Allen and the WA Government.
 - the rate of transition in key supply chains (i.e. abattoirs) and the extent of the secondary impacts on wool industry and farming communities appear to be highly bullish and counter to prevailing evidence.
- A \$107 million Federal transition support package for the Australian sheep industry will support the phase out of live sheep exports by sea. While the headline figure appears to be a substantial transitional package, only \$65 million is targeted directly at sheep produces and associated supply chains. The remaining \$42m represents funding primarily from Government to Government departments, agencies and programs with at best indirect tangential benefit for the industry. These include:
 - Several of the programs seek to develop the global market for boxed and chilled sheepmeat acknowledging the reality that Australia sets to lose access to major Middle East markets due to cultural preferences for Australia live sheep exports and constraints

in end-market supply chain capacity and capability to receive, store and distribute chilled and boxed meats.

- Efforts to reinforce international sheep welfare standards is tacit admission that the cessation of live sheep exports from Australia will result in a precipitous decline in global live sheep welfare.
- No allowance is made for the billions of dollars in abattoir and supporting transport and cold storage infrastructure investment required to facilitate the transition. Abattoirs within Western Australia currently operate at low margins, high regulatory costs and increasingly inconsistent supply (due to policy uncertainty and COVID-19 induced flock reductions) and have been impacted by recent partial and full closures.

Upper Great Southern Industry Profile

- Data from the 2020/21 Value of Agricultural Businesses found that Broomehill-Tambellup and Kojonup LGAs were home to over 600,000 sheep, with Woodanilling LGA accounting for the smallest number at 148,687. In total, the Upper Great Southern LGAs account for over 20% or 1 in 5 sheep and lambs in the Western Australian flock in 2020/21.
- Annual disposals represents approximately 5.3% of the total economic output of the Upper Great Southern region, based on comparison of economic output from REMPLAN. This share of economic output is higher than WA (approximately 4.5%) and Australia (3.9%) in 2020/21.

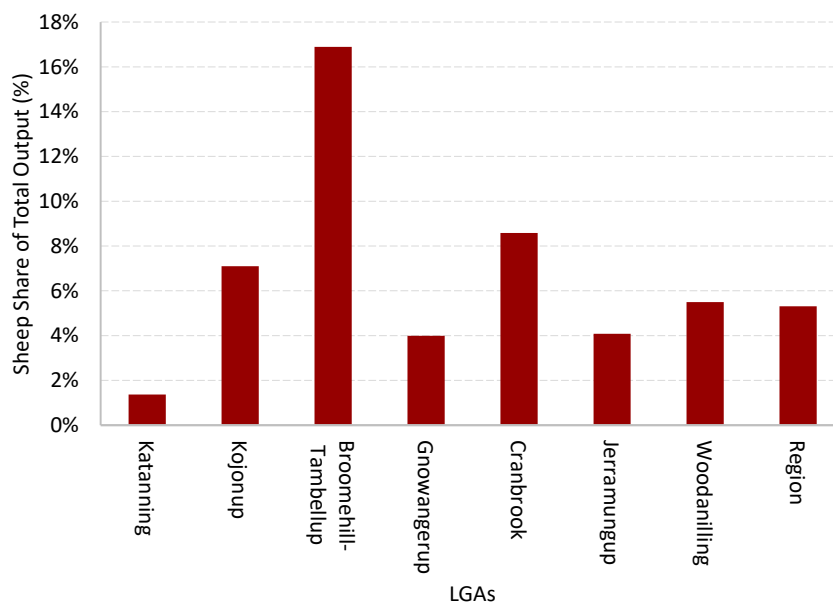


Figure 1 Sheep Disposal share Total Economic Output, by LGAs, 2020/21

Economic Impacts of Live Sheep Exports Ban

- There are a number of different ways in which the impact of major policy decisions on critical and central economic industries within a region can be assessed. This reflects the fact that there are different ways in which the industry dynamics of sheep production may respond (and may already be responding) to the withdrawal of a major market from producers. The three potential impacts considered are illustrated below.



Figure 2 Price, Flock Size and Household and Community Expenditure Impacts

- In terms of value only impacts, it is estimated that the Upper Great Southern region will experience a net reduction in the gross value of sheep disposals of approximately \$24.75m per year. This equates to \$262.2m or more than a quarter of a billion dollars to the Upper Great Southern economic output over 20 years (at 7% discount rate). However, a value only impact is regarded as highly unlikely, as the industry has already experienced flock reduction impacts resulting in part from the Government’s announcements.
- Instead, looking at the direct and supply chain impact of flock reductions due to the ban, Econisis estimates that the value of the impacts to the Upper Great Southern economy will range from \$474.9m to \$791.5m in present value terms over 20 years. The reason for the range is whether the impact is isolated only to sheep meat production or whether it does, as expected, also impact wool production due to integrated flock management.
- The direct impact on sheep farmers and their supply chains are also expected to have a secondary impact on the households and communities in which these businesses operate. This includes through reduced incomes, earnings and expenditure into the wider economy. These impacts have the effect of adding a further \$126.1m to \$215.8m of impacts to the local Upper Great Southern economy in present value terms over 20 years.

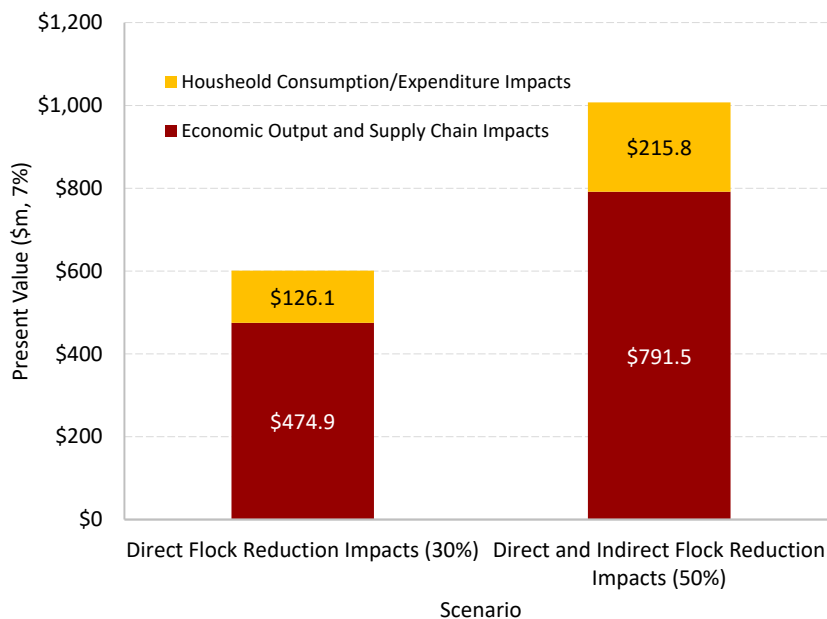


Figure 3 Upper Great Southern Economic Output, Supply Chain and Household Consumption Impacts, by Scenario, Present Value over 20 Years at 7%

Conclusions

- This means that the announced cessation of live sheep export from Australia has the potential to see the Upper Great Southern forgo economic output, (through direct and indirect flock reduction impacts and consequential household and community impacts) of up to \$1b in present value terms over the next 20 years.

"Up to \$1b in impacts to Upper Great Southern economic output over 20 years"

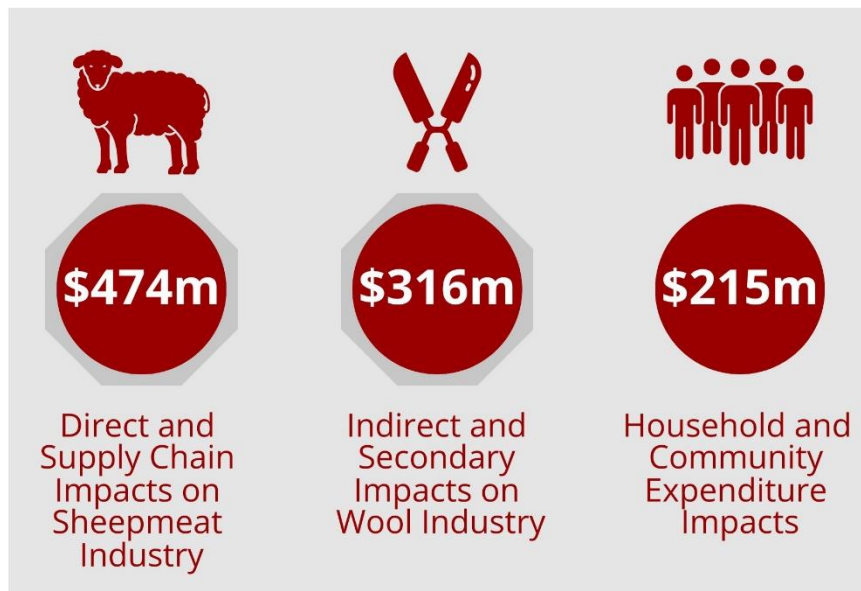


Figure 4 Direct, Supply Chain, Wool Industry and Household/Community Impacts on Upper Great Southern Economic Output over 20 Years (Discounted)

- And it is likely that this impact is already being experienced, as the impending loss of a critical competitive market for sheep production in Western Australia is being factored into flock management decisions.
- Currently, the size and composition of the Federal Transition Support Package is inadequate for the scale of the negative economic, business, industry and community impacts on the Upper Great Southern estimated in this report. The funding lacks a critical mass of direct support for impacted farmers and supply chains, is overly focused on funding the Government’s own actions to address global animal welfare deterioration resulting from the decision as well as the lack of end market cold storage and transport distribution infrastructure investment.
- Similarly, the package fails to provide any support for critical abattoir capacity investment in Western Australia that would be necessary to onshore processing, even if significant market transitions to chilled and boxed meat consumption were possible within the next 5 years. This would likely require the Australian Government underwrite of billions of dollars in new

abattoir capacity as well as reforms to the sector to reduce regulatory burdens that already impact feasibility and have seen abattoirs recently close across the State.

- And the impact estimated in this report only represents the effect on the 7 regional local government areas in the Upper Great Southern. The scale of the impact across the State's wider sheep farming industry is likely to be much greater and will require more significant investment and compensation and support by the Australian Government for the introduction of the market-limiting policy than currently announced.

1 INTRODUCTION

This section provides an overview of the background, purpose and scope of the report.

1.1 Background and Context

The Minister for Agriculture, Fisheries and Forestry, Senator the Hon Murray Watt appointed an independent panel to consult with stakeholders and provide advice on how and when the government will phase out live sheep exports by sea.

In conducting the consultation, the panel will consider:

- potential mechanisms to phase out live sheep exports by sea
- a suggested timeframe and options for implementation
- potential ways to support the transition, including but not limited to consideration of markets, processing facilities and other opportunities
- other matters as appropriate¹.

The panel has examined matters including but not limited to, the economic impact of the phase out on; agricultural production systems and on-farm management; supply chain arrangements; trade and market access; and lessons learned from other countries that have phased out live sheep exports by sea and states and territories that no longer export live sheep by sea.

The 30 September 2023 timeline was extended and the panel provided its report to the Minister for Agriculture, Fisheries and Forestry on 25 October 2023. This report has now been released to the public.

Coinciding with this release was the announcement by the Australian Government of the planned cessation of live sheep export from Australia by May 2028 and a \$107m industry support package for the sheep industry.

1.2 Report Purpose and Structure

Econisis was engaged to prepare an economic impact assessment for the Upper Great Southern of the Federal Government's planned phasing out of live sheep exports by sea.

This report is comprised of the following key sections:

- **Introduction** – This Section provides an overview of the Report, its purpose and structure.
- **Project Context** – Outlining the key attributes and drivers of the region and the project.
- **Policy Overview**– this section provides an overview of the proposed policy of phasing out of live sheep exporting.
- **The Sheep Industry of Western Australia** – This section profiles key attributes of the sheep industry in Western Australia.
- **Regional Industry Profile** – this section reviews key data sets and indicators relating to the sheep industry in the Upper Great Southern economy and the role of live export.
- **Economic Impact of Live Sheep Export Ban** – this section outlines three different approaches to quantifying the economic impact from the proposed live sheep export ban on Upper Great Southern, its Local Government Areas, farmers and communities.
- **Conclusions**

¹ DAFF (2023) Phase Out of Live Sheep Exports by Sea Term of Reference for Consultation Process accessed <https://www.agriculture.gov.au/sites/default/files/documents/terms-of-references-lspo-consultation.pdf>

1.3 Statistical Geography

Upper Great Southern region of Western Australia includes seven Local Governments:

- Shire of Katanning
- Shire of Kojonup
- Shire of Broomehill-Tambellup
- Shire of Gnowangerup
- Shire of Cranbrook
- Shire of Jerramungup
- Shire of Woodanilling

1.4 Glossary and Abbreviations

The following terms and abbreviations are referenced in this report.

Table 1 Glossary and Abbreviations

Term/Abbreviation	Definition
ABS	Australian Bureau of Statistics
EIA	Economic Impact Assessment
Externalities	External Costs or Benefits not captured in market prices
FTE	Full time equivalent
GVA	Gross Value Added
IO	Input-output
LGA	Local Government Area
NPV	Net Present Value
OIA	Office of Impact Analysis

2 POLICY OVERVIEW

This section provides an overview of the planned policy of phasing out of live sheep exporting.

2.1 Independent Panel on the Phasing Out of Live Sheep Export by Sea

The Minister for Agriculture, Fisheries and Forestry, Senator the Hon Murray Watt appointed an independent panel to consult with stakeholders and provide advice on how and when the government will phase out live sheep exports by sea.

The independent panel appointed to consult with stakeholders on the phase-out of live sheep exports by sea completed its public consultations on 27 June 2023.

An update from the independent panel provided an overview of what was said during the consultation. It included information on stakeholder engagement, what the panel heard, information on market trends, as well as stakeholder suggestions and the panel's next steps. Since March 2023, the panel has received more than 4,100 submissions including more than 800 written submissions and more than 3,300 survey responses.

The 30 September 2023 timeline was extended, and the panel provided its report to the Minister for Agriculture, Fisheries and Forestry on 25 October 2023. The government released this report in May 2024 to coincide with their announcement of the phasing out of live sheep export by sea by May 2028. This included announcement of a \$107m industry support package.

2.2 National and State Live Export Impact

2.2.1 Acil Allen Report 2023

Analysis was undertaken by Acil Allen in June 2023 on the performance and Value of Live Sheep Export Trade in Australia. This report included a point in time analysis of the potential impact of the phasing out of live sheep exports².

The analysis found that live sheep export industry (live sheep and the associated wool clip) has, using an average of the last five financial years (2017-18 to 2021-22), directly contributed \$52 million of value-added annually.

It also confirmed that the lion's share of this value is in Western Australia, with live sheep export industry directly contributed \$45 million of value-added annually.

Using a point in time model, Acil Allen confirmed that if the live sheep export trade ceased there is an estimated 19.19% reduction in the per head value of a male sheep in Western Australia. At the time of the report this represented a decline of \$21.84 per male sheep with a price response. This price impact would apply to all sheep – not just that of live export sheep.

The report also confirmed that the removal of live sheep export flows to Middle East countries (namely Israel, Jordan, Kuwait, Oman, and the UAE) is unlikely to result in any substantive replacement of this trade by increase imports of Australian boxed or chilled sheepmeat and instead would see Australia's place in that market wholly replaced by other live sheep export providers.

This reflects the critical nature of live sheep imports to the food security of several Middle East countries, many of whom Australia has been a provider of trust, support and dependence for over 60 years.

² Acil Allen (2023) Performance and Value of the Live Sheep Export Trade accessed at https://assets.ctfassets.net/8fjsq0xyf4sy/705NQ22p0xPADU62VHBCMH/c5c923e32db8e310ee923ca486b68c35/Value_of_the_live_sheep_export_trade_FINAL_REPORT.pdf

This will likely result in a significant deterioration in overall animal welfare globally as supply to Middle East countries shifts from Australia’s high quality animal welfare regulations to less regulated countries. This undermines the fundamental rationale of the policy.

2.2.2 Independent Panel Report 2023

The Independent Panel on the Phasing Out of Live Sheep Exports provided a copy of their report to the Minister in October 2023. This was subsequently released in May 2024, with the announcement by the Minister of the phasing out of sheep export by May 2028 and the proposed provision

The report found that:

“Live sheep exports by sea have been a part of the Australian sheep industry for generations. The trade was valued at \$76.9 million in 2022–23. Australia has historically supplied a large volume of live sheep to the Middle East, which peaked in 2002–03. Western Australia (WA) has been Australia’s only source of live sheep exports by sea since 2019–20. The overall volume of live sheep exports by sea has been decreasing over the last 2 decades, dropping 27% between 2018–19 and 2022–23. Although live exports accounted for only 12% of WA turn-off in 2022–23, many WA producers spoke in consultations of their reliance on the live sheep trade as an option for turning off large numbers of stock or to manage risks when feed or water is scarce. For many in sheep-producing communities, maintaining a viable sheep flock is a source of income that supports employment and a critical mass of people to sustain services and social fabric of communities.”

While the panel claims the WA sheep industry can be profitable and sustainable during the transition period and beyond the end of live sheep export by sea, early action from the government will be required to moderate economic and social consequences of the transition. Four action areas were identified by the Panel.

Figure 1 Action areas

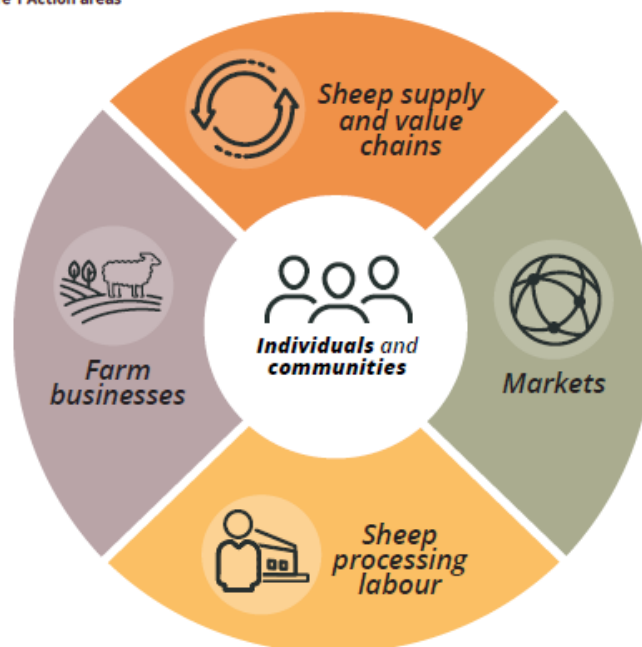


Figure 5 Focus Action Areas

Overall the report makes several assumptions that fundamentally impact the integrity of the analysis and findings. Firstly, the report appears to be primarily based on 2021/22 flock, production and export figures, which have already experienced a rapid decline in part due to COVID-19 and since the

announcement of the Government's intentions and is not representative of medium term attributes of the industry. This contributed to sovereign risk issues for Australia among overseas buyers.

Secondly, the Panel did not undertake their own independent modelling of the economic impact, and instead relied upon narrower impact modelling from Acil Allen and the WA Government.

Thirdly, the rate of transition in key supply chains (i.e. abattoirs) and the extent of the secondary impacts on wool industry and farming communities appear to be highly bullish and counter to prevailing evidence.

Overall the Independent Panel report appears principally to collate feedback and input from consultation and does not represent an independent source of economic and industry analysis and evidence. This raises concerns regarding the legitimacy of the findings and conclusions reached, the weight placed on ideological opinions and less on comprehensive economic analysis.

2.2.3 Federal Transition Supply Package

A \$107 million Federal transition support package for the Australian sheep industry will support the phase out of live sheep exports by sea. This is proposed to include:

- \$64.6 million to assist sheep producers and the supply chain, particularly in Western Australia, to capitalise on existing and emerging opportunities so that they are well positioned when the trade ends. Funding will assist businesses to plan and implement transition actions and to expand domestic sheep processing capacity. It will also support community wellbeing activities and rural financial counsellors.
- \$27.0 million to enhance demand within Australia and internationally for sheep products to maintain and develop market opportunities. With a range of delivery partners, including Austrade, this will fund activities such as market analyses, consumer studies, product promotions and building business relationships. Agricultural counsellors and Austrade will also work to support diverse trade to and relationships in the Middle East and North Africa region.
- \$2.6 million to continue to improve sheep welfare standards so that they are practical and meet community expectations and for Australia to enhance its engagement in the World Organisation for Animal Health.
- \$1.7 million to appoint a Transition Advocate to facilitate two-way communication between industry and government, provide information to industry about the transition plan and support, and provide advice to government on how the transition is progressing.
- \$11.1 million for the implementation of the phase out, including a stocktake of transition progress in 2026-27 and to facilitate ongoing engagement with industry, communities, trading partners and other stakeholders³.

While the headline \$107m appears to be a substantial transitional package, **only \$65 million is targeted directly at sheep produces and associated supply chains**. The remaining \$42m represents funding primarily from Government to Government departments, agencies and programs with, at best, indirect tangential benefit for the industry.

Several of the programs seek to develop the global market for boxed and chilled sheepmeat. This is despite the central claim of the Australian Government that such products are in high demand. Instead this element of the transition package acknowledges the reality that Australia sets to lose access to major Middle East markets due to **cultural preferences for Australia live sheep exports and constraints in end-market supply chain capacity and capability to receive, store and distribute chilled and boxed meats**. This is reinforced by previous temporary pauses in live sheep from

³ Minister for Agriculture, Fisheries and Forestry (2024) \$107 million to support phase out of live sheep exports by sea accessed at <https://minister.agriculture.gov.au/watt/media-releases/support-phase-out-live-sheep-exports-sea#:~:text=The%20export%20of%20live%20sheep,live%20sheep%20exports%20by%20sea.>

Australia saw demand for live sheep from key Middle Eastern markets shift to other live sheep exporters rather than transition across to boxed and chilled meat products.

Similarly, efforts within the transition plan to reinforce international sheep welfare standards is tacit admission that the ***cessation of live sheep exports from Australia will result in a precipitous decline in global live sheep welfare***. Australia has, in recent decades, implemented one of the highest standards of live sheep welfare in the world and our withdrawal from the market and the expected shift of demand to other less animal-welfare-focused suppliers will ultimately undermine the fundamental objective of the ban – to improve animal welfare.

Finally, the transition package makes no allowance for the billions of dollars in abattoir and supporting transport and cold storage infrastructure investment required to facilitate the transition. Abattoirs within Western Australia currently operate at low margins, high regulatory costs and increasingly inconsistent supply (due to policy uncertainty and COVID-19 induced flock reductions) and have been impacted by recent partial and full closures. The lack of consideration of downstream infrastructure capacity investment reflects the same lack of consideration on constraints in end-market cold store and distribution capacity – the need for substantial multi-billion dollar Federal Government underwritten investment in the onshoring of processing capacity.

3 SHEEP INDUSTRY OF WESTERN AUSTRALIA

This section provides a summary of key data trends and information related to sheep industry and exports from Western Australia.

3.1 Western Australian Sheep industry Profile

As of July 2022, the Western Australian (WA) sheep flock consisted of 12.4m sheep and lambs⁴. Following a period of relative stability between 2010/11 and 2018/19 where the flock hovered between 13.7 and 15.2m, the flock has started to decline falling to its lowest point since 1952 when the flock numbered 12.2m. These flock size movements were heavily influenced by both Government imposed and self-imposed halts to live exports due to animal welfare issues in 2017/18 and 2019/20 (highlighted below).

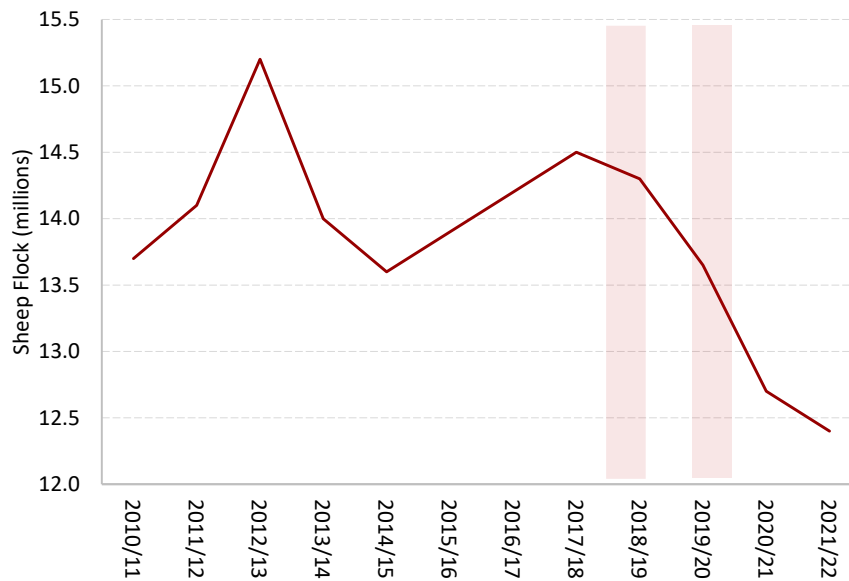


Figure 6 Sheep Flock, Western Australia, 2010/11 to 2021/22 (including highlighted periods of live sheep export halts)⁵

In 2021/22, the industry accounted for 43% of the value of all livestock industries in WA⁶. The combined sheepmeat and wool industries contributed a gross value of production of \$1.35b to the WA economy, up from \$1.18b the previous year.

⁴ DPIRD (2023) The Western Australian sheep and wool industries accessed at <https://www.agric.wa.gov.au/sheep/western-australian-sheep-and-wool-industries>

⁵ As above

⁶ ABS (2023) Value of Agricultural Commodities Produced, Australia accessed at <https://www.abs.gov.au/statistics/industry/agriculture/value-agricultural-commodities-produced-australia/latest-release>

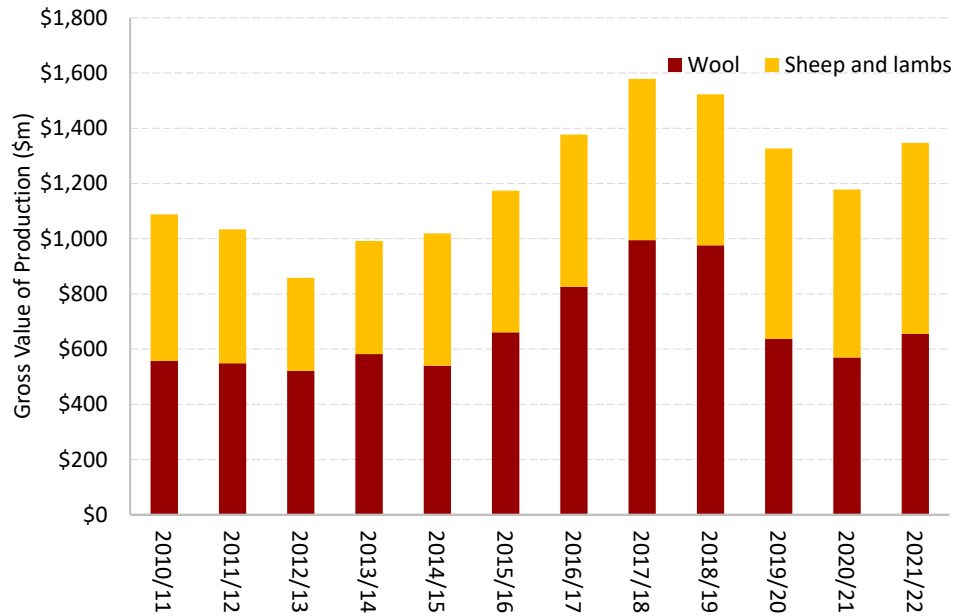


Figure 7 Gross Value of Production, Wool and Sheep and Lambs, 2010/11 to 2021/22

The wool and sheep and lamb segments of the industry are highly interrelated due to the mutual dependence on overall flock size and profile.

3.2 Turnoff Trends

The largest component of WA sheep turn-off is currently lamb slaughter, which in 2021/22 made up 57% of the total sheep turn-off. This segment has increased in prominence to the Western Australian sheep industry in recent years, increasing as a proportion of turn-off from 30% in 2010/11 to 57% last year⁷.

This increase in lamb slaughter turn-off proportions is partly due to the structural decline in live export volumes in recent years. Between 2013/14 and 2017/18, live export accounted for 29.5% of turn-off in Western Australia. However, sharp decline between 2017 and 2018 was largely due to the mid-year trade suspension and reduced stocking rates on ships imposed following the Awassi Express incident of 2017.

⁷ DPIRD (2023) The Western Australian sheep and wool industries accessed at <https://www.agric.wa.gov.au/sheep/western-australian-sheep-and-wool-industries>

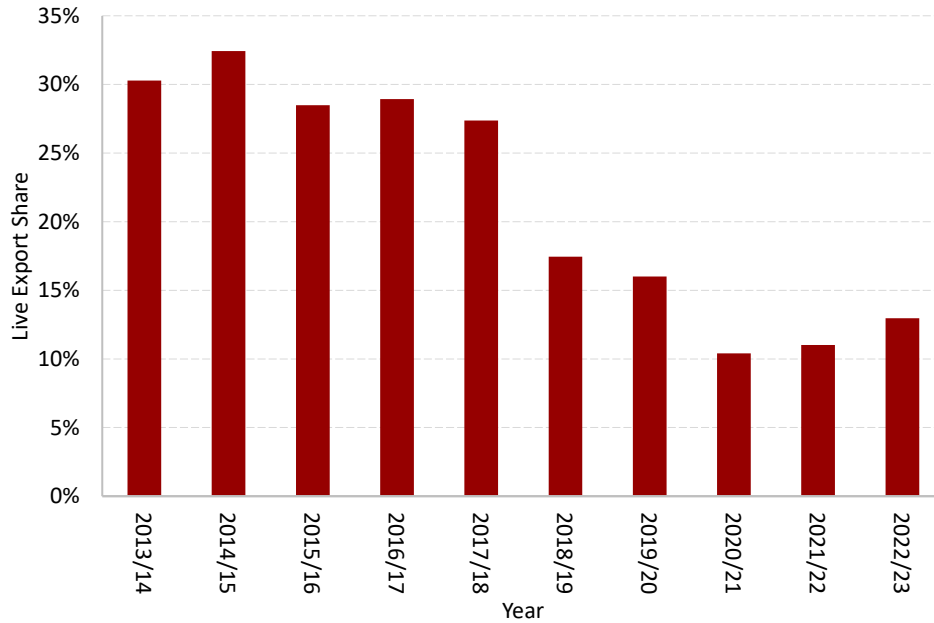


Figure 8 Live Sheep Export Share of Sheep and Lamb Turn-Off, 2013/14 to 2022/23

This created a sovereign risk issue for Australia as a live sheep export provider, due to global perceptions of the somewhat “knee jerk” reaction by the Australian Government at the time. This is believed to have raised concerns in key Asian and Middle Eastern markets as to the degree to which Australia could be regarded as a reasonable and reliable food security partner in sheepmeat and is said to have directly contributed to the decision by the Qatar Government to remove subsidies on Australian sheep.

This, coupled with climate, supply and restocking has contributed to a substantial decline in prices of sheepmeats in late 2023 in which prices fell to multi-decade lows. Despite recovery in mutton prices at the end of 2023, prices remains 35-45% lower than 12 months ago.

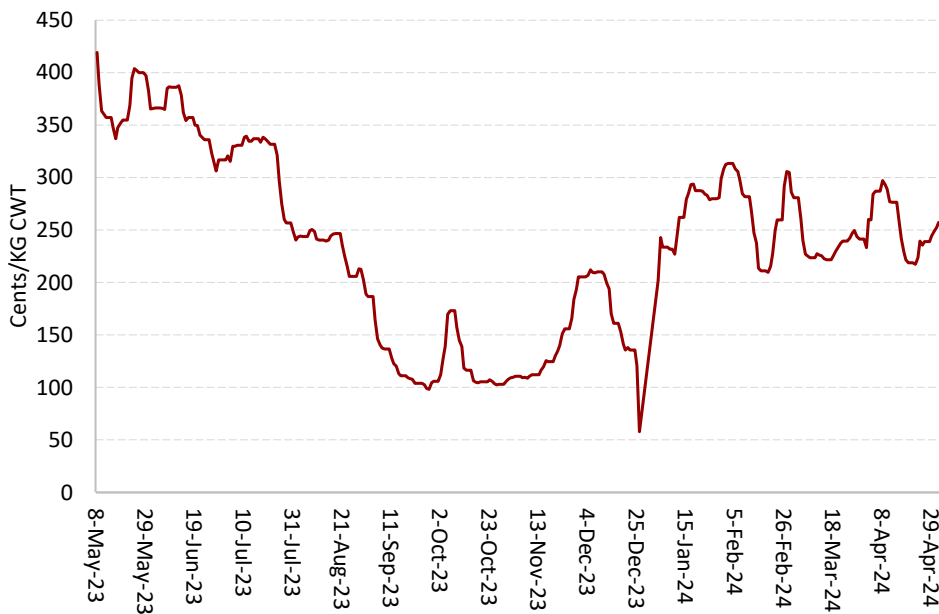


Figure 9 Price Movements, Mutton Indicators, Australia, Year to May 2024⁸

⁸ MLA (2024) Industry Daily Summary accessed at <https://www.mla.com.au/prices-markets/dailysummary/?species=Sheep>

4 REGIONAL INDUSTRY PROFILE

This section reviews key data sets and indicators relating to the sheep industry in the Upper Great Southern economy and the role of live export.

4.1 General Economic Structure

4.1.1 Census Profile

Upper Great Southern LGAs have a significantly older median age, than the WA and Australian median of 38. This indicates an older age profile in the region, confirmed by the high share of the population which is 65+.

Gnowangerup and Kojonup LGAs had higher than average Personal weekly incomes while other LGAs except Jerramungup have below average incomes across, personal, family and household. Most households are lone person households or couple families with children.

A high percent of dwellings are unoccupied, while a higher than average share of homes are owned outright.

Table 2 Census Socioeconomic Profile, Upper Great Southern, WA and Australia, 2021⁹

Indicators	Katanning	Kojonup	Broomehill-Tambellup	Gnowangerup	Cranbrook	Woodanilling	Jerramungup	Western Australia	Australia
Headline									
Population	4,057	1,901	1,046	1,215	505	448	1,160	2,660,026	25,422,788
Median Age	39	45	41	39	44	45	40	38	38
Average Household Size	2.5	2.3	2.5	2.5	2.3	2.5	2.4	2.5	2.5
Share of Population 0-14 (%)	19.4%	19.6%	21.9%	21.5%	22.3%	21.4%	21.5%	19.0%	18.2%
Share of Population 65+ (%)	18.8%	22.4%	16.6%	15.0%	22.0%	21.6%	16.4%	16.1%	17.2%
Born in Australia	67.7%	77.7%	78.2%	75.9%	74.1%	77%	78.4%	62.0%	66.9%
Share of People Attending Educational Institutions									
Pre-School	54	40	13	19	5	8	24	45,452	484,185
Primary	318	185	111	100	46	34	100	222,555	2,075,224
Primary - Government	21.7%	24.9%	29.1%	27.9%	23.9%	24.6%	32.2%	19.3%	18.5%
Primary - Catholic	4.6%	11.2%	2.0%	0.0%	3.2%	3.0%	0.0%	4.5%	5.2%
Primary - other non-Government	0.8%	0.0%	0.9%	3.5%	0.0%	0.0%	1.3%	3.6%	2.2%
Secondary	221	70	50	50	35	27	43	175,841	1,629,624
Secondary - Government	16.3%	10.4%	10.1%	8.7%	15.5%	15.7%	10.0%	12.7%	12.2%
Secondary - Catholic	0.4%	0.0%	0.0%	0.0%	3.9%	0.0%	1.3%	4.5%	4.8%
Secondary - other non-Government	2.0%	3.5%	3.7%	7.7%	6.5%	0.0%	2.9%	4.6%	4.2%
Tertiary	130	50	26	28	10	12	25	172,239	1,789,994
Tertiary - Vocational education (including TAFE and private training providers)	8.1%	4.3%	6.3%	5.1%	4.5%	7.5%	4.5%	7.4%	7.8%

⁹ ABS (2022) Census of Population and Housing 2021, accessed at abs.gov.au

Indicators	Katanning	Kojonup	Broomehill- Tambellup	Gnowangerup	Cranbrook	Woodamilling	Jerramungup	Western Australia	Australia
Tertiary - University of other higher education	3.1%	5.1%	1.4%	4.5%	1.9%	4.5%	2.6%	13.9%	15.4%
Weekly Incomes									
Personal	\$712	\$882	\$793	\$911	\$705	\$741	\$870	\$848	\$805
Family	\$1,646	\$2,004	\$1,836	\$2,034	\$1,518	\$1,663	\$1,798	\$2,214	\$2,120
Household	\$1,343	\$1,446	\$1,366	\$1,482	\$1,166	\$1,385	\$1,421	\$1,815	\$1,746
Share of Household									
Couple family without children	45.5%	46.5%	42.2%	42.9%	52.9%	43.0%	49.1%	28.0%	27.6%
Couple family with children	36.9%	43.4%	38.6%	45.5%	31.1%	46.5%	42.9%	32.0%	31.1%
One parent family	15.7%	9.9%	15.9%	7.8%	15.1%	11.4%	7.0%	11.0%	11.3%
Other family	1.7%	0.0%	1.4%	0.9%	0.0%	0.0%	0.0%	1.0%	1.2%
Lone Person Households	28.8%	34.1%	25.9%	26.4%	30.9%	25.9%	32.9%	25.0%	25.1%
Group Households	4.0%	2.3%	1.6%	1.8%	2.8%	4.1%	0.7%	3.0%	3.8%
Dwelling Occupancy									
Occupied	86.6%	77.3%	70.7%	71.4%	76.0%	77.4%	51.5%	89.1%	89.9%
Unoccupied	13.4%	23.1%	29.5%	29.2%	25.2%	22.6%	48.3%	10.9%	10.1%
Dwelling Type									
Separate house	90.2%	94.4%	97.3%	97.3%	94.0%	100.0%	92.2%	79.7%	72.3%
Semi-detached, row or terrace house, townhouse etc	8.7%	4.1%	0.8%	0.9%	0.0%	0.0%	3.3%	13.0%	12.6%
Flat or apartment	0.3%	0.0%	0.0%	0.0%	1.6%	0.0%	0.0%	6.5%	14.2%
Other dwelling	0.3%	0.7%	0.8%	0.0%	1.6%	0.0%	4.5%	0.6%	0.6%
Tenure									
Owned outright	33.0%	41.4%	51.7%	42.6%	42.4%	49.1%	38.7%	29.2%	31.0%
Owned with a mortgage	30.6%	21.2%	20.2%	21.1%	16.8%	21.7%	23.3%	40.0%	35.0%
Rented	30.0%	26.1%	16.2%	22.2%	30.4%	14.9%	25.0%	27.3%	30.6%
Other tenure type	3.2%	7.7%	9.5%	12.1%	8.2%	11.8%	12.5%	2.1%	2.0%
Tenure type not stated	2.7%	3.7%	2.9%	2.1%	2.2%	0.0%	0.0%	1.4%	1.5%

4.1.2 Unemployment Rates

A review of unemployment rates data from the Jobs and Skills Australia since September 2020, confirms that the Upper Great Southern has had a weighted average unemployment rate that has consistently fallen from 5.5% to a low of 2.6% in June 2023, before increasing to 3.2% in September 2023¹⁰.

¹⁰ JSA (2023) Small Area Labour Market smoothed data accessed at <https://www.jobsandskills.gov.au/data/small-area-labour-markets>

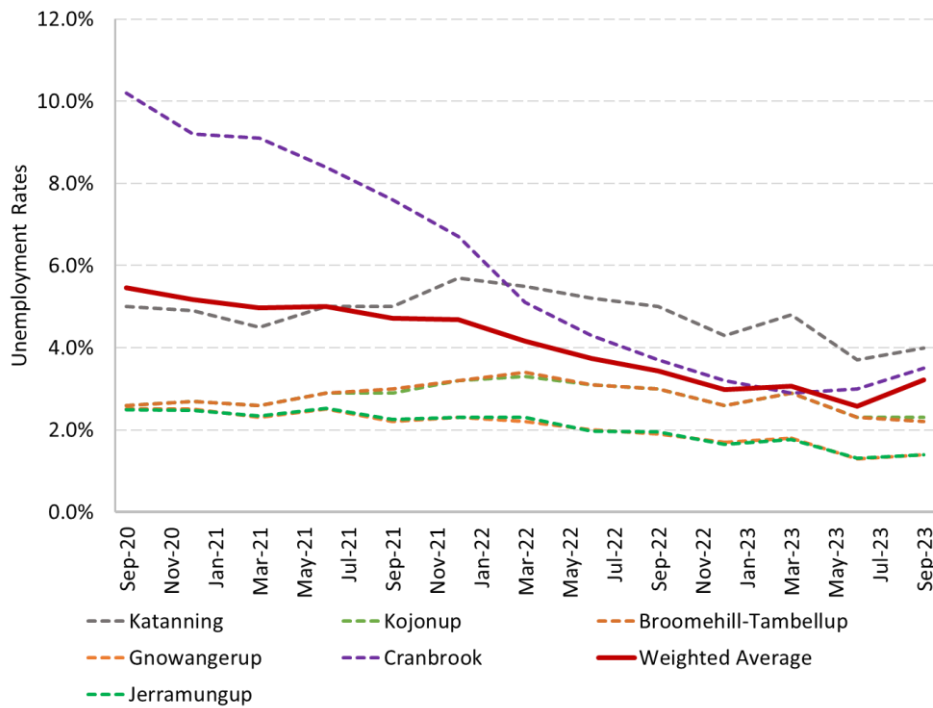


Figure 10 Unemployment Rate, Upper Great Southern and LGAs, 2020 to 2023

It is important to note that Woodanilling LGA is not included in the unemployment rate analysis due to insufficient sample sizes.

This unemployment rate profile reflects the labour force constrained nature of the local area, due to a smaller population base and ageing demographic.

4.1.3 Business Registrations

Kojonup LGA has the most registered businesses in Upper Great Southern with 522 followed by Katanning LGA with 354. Broomehill-Tambellup, Cranbrook, Gnowangerup, and Jerramungup all had over 200 businesses in 2022¹¹. Woodanilling had the lowest number of registered businesses at 94 in 2022.

¹¹ ABS (2023) Count of Businesses accessed at abs.gov.au

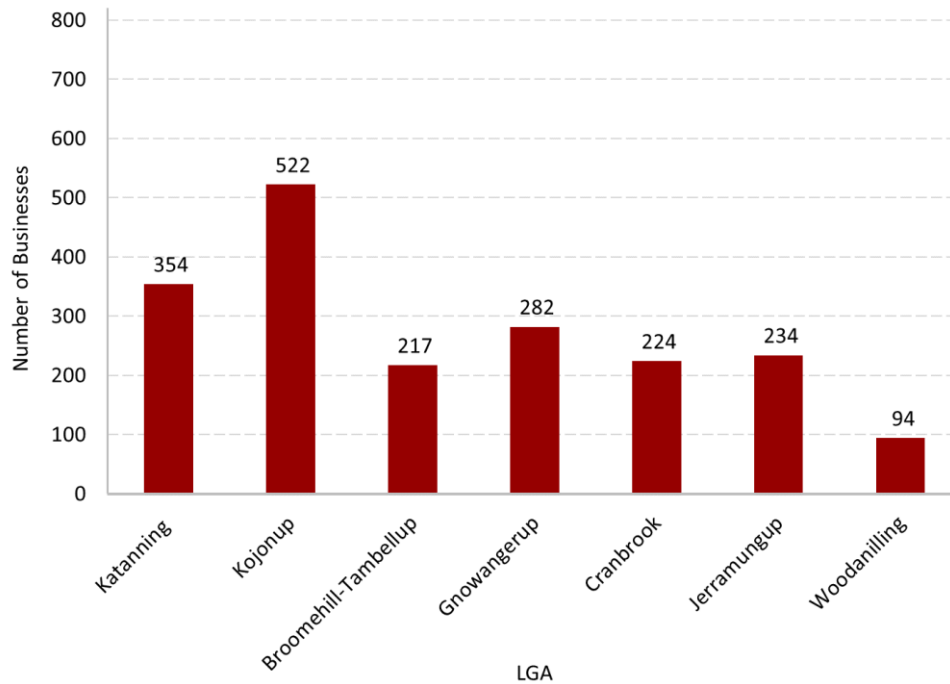


Figure 11 Business Registrations, Upper Great Southern LGAs, 2022

4.2 Upper Great Southern Sheep Flock and Output Value

In total, the Upper Great Southern LGAs account for over 20% or 1 in 5 sheep and lambs in the Western Australian flock in 2020/21.

Data from the 2020/21 Value of Agricultural Businesses found that Broomehill-Tambellup and Kojonup LGAs were home to over 600,000 sheep, with Woodanilling LGA accounting for the smallest number at 148,687¹².

Table 3 Sheep Flock Estimates, Business Numbers and Gross Value of Disposals, 2020/21

Locations	Estimates	No. of Businesses	Gross value (\$)
Katanning	211,896	58	\$10,384,100
Kojonup	605,071	125	\$29,116,205
Broomehill-Tambellup	622,184	128	\$29,939,645
Gnowangerup	243,047	72	\$11,727,154
Cranbrook	502,302	104	\$24,170,886
Jerramungup	249,790	74	\$11,938,102
Woodanilling	148,687	40	\$7,106,131
Region	2,582,977	601	\$124,382,222
WA	12,714,684	4,305	\$607,667,201
Australia	68,047,402	31,839	\$4,332,328,417

¹² ABS (2022) Value of Agricultural Commodities accessed at <https://www.abs.gov.au/statistics/industry/agriculture/value-agricultural-commodities-produced-australia/latest-release>

This flock supports 601 local businesses with a gross value (at the time of the data capture) of over \$124.3m in output.

This represents approximately 5.3% of the total economic output of the Upper Great Southern region, based on comparison of economic output from REMPLAN. This share of economic output is higher than WA (approximately 4.5%) and Australia (3.9%) in 2020/21.

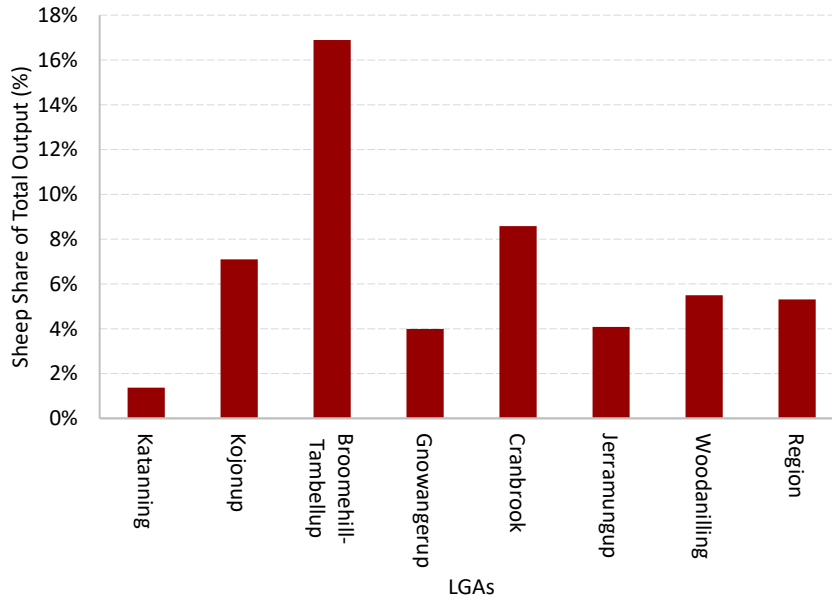


Figure 12 Sheep Disposal share Total Economic Output, by LGAs, 2020/21

It is however lower than the share of economic output in Broomehill-Tambellup with flock gross value representing approximately 16.9% of economic output. Cranbrook and Kojonup also had above average flock shares of total economic output.

5 ECONOMIC IMPACTS OF LIVE SHEEP EXPORT BAN

This section outlines three different approaches to quantifying the economic impact from the proposed live sheep export ban on Upper Great Southern, its Local Government Areas, farmers and communities.

5.1 Types of Potential Impacts

There are a number of different ways in which the impact of major policy decisions on critical and central economic industries within a region can be assessed. This reflects the fact that there are different ways in which the industry dynamics of sheep production may respond (and may already be responding) to the withdrawal of a major market from producers.

The three potential impacts being considered are illustrated below.



Figure 13 Price, Flock Size and Household and Community Expenditure Impacts

Specifically, Econisis has assessed the impact based on the following two primary approaches:

- **Unit Value Impacts** – applying the proportional reduction of sheep value estimated by Acil Allen to the Upper Great Southern flock Gross Value in 2020/21.
- **Economic Multipliers** – using regionalised economic multipliers for the Upper Great Southern economy to estimate direct and indirect economic output, supply chain and household consumption and expenditure impacts.

The results of this analysis are outlined below.

5.2 Value Impacts

The Acil Allen point in time analysis found a 19% fall in the value of male sheep in the market in response to the banning of live sheep exports by sea. Applying this percentage to the gross value of sheep and lambs in the Upper Great Southern region in 2020/21, this would represent a gross value reduction of \$24.75m.

Table 4 Value Impacts, Upper Great Southern Sheep Flock Gross Value¹³

Locations	Estimate	Gross value (\$)	Value Impact (\$)
Katanning	211,896	\$10,384,100	\$2,066,436
Kojonup	605,071	\$29,116,205	\$5,794,125

¹³ Note when the dollar price impact estimates from Acil Allen are applied to flock numbers instead, this increases the impact across the region to \$28.2m. While larger, this approach is more volatile (due to market based price changes) and therefore has been used primarily to validate value impacts.

Locations	Estimate	Gross value (\$)	Value Impact (\$)
Broomehill-Tambellup	622,184	\$29,939,645	\$5,957,989
Gnowangerup	243,047	\$11,727,154	\$2,333,704
Cranbrook	502,302	\$24,170,886	\$4,810,006
Jerramungup	249,790	\$11,938,102	\$2,375,682
Woodanilling	148,687	\$7,106,131	\$1,414,120
Region	2,582,977	\$124,382,222	\$24,752,062

It is also important to note that this impact is not just a one off and instead applies to the flock, year on year for the foreseeable future. Based on a 20 year assessment with a 7% discount rate (to adjust for present value in line with WA and Australian Government economic evaluation guidelines¹⁴), the unit price impact is estimated at \$262.2m or more than a quarter of a billion dollars to the Upper Great Southern economic output over 20 years.



Figure 14 Present Value of Price and Value Change Impact from the Phasing Out of Live Sheep Export by Sea, 20 years at 7% Discount

This value impact is expected to place considerable pressures on the operational viability on sheep-related agribusinesses in the Upper Great Southern region. This means that value reductions may actually result in wholesale loss of flock capacity if agribusinesses fail as a results of the live sheep export police change.

5.3 Economic Multipliers

5.3.1 Approach to Calculating Multipliers

At the core of an Economic Multiplier based impact assessment is Input–Output (IO) tables. IO tables are part of the national accounts by the ABS and provide detailed information about the supply and use of products in the Australian economy, and the structure of and inter–relationships between Australian industries.

¹⁴ Based on WA Treasury Business Case and Australian Government Office of Impact Analysis discount rate mid points. Note discount rates of 4% and 10% are also commonly used as a form of sensitivity test.

IO tables are converted, through statistical analysis, into a series of Economic Multipliers. These Multipliers represent the relationship between the direct activity (expenditure or production) associated with an industry and the wider economy.

The results of an EIA are generally presented as both direct effects, which is effects from the direct activity of the Project or event, and indirect effects, which are additional effects from further rounds of spending in the supply chain. A third or consumption effect, resulting from rounds of consumer spending generated by the additional income in the region can also be calculated.

There are two broad levels of Multipliers that can be utilised for Impact Assessments:

1. **Simple Multipliers** – including the Direct or Initial Effect, First Round and Industry Supply Chain effects.
2. **Total Multipliers** – including the Simple Multipliers plus subsequent Induced Production and Household Consumptions effects.

Impact Assessments can assess:

- **Output** - the actual dollar amount spent on the Project in the Region.
- **Income** - the number of wages and salaries paid to labour.
- **Employment** - the full-time equivalent (FTE) per annum employment generated by the Project; and
- **Value Added** - the value added to materials and labour expended on the Project.

Econisis has undertaken an Impact Assessment for the Upper Great Southern economy, focused providing separate analysis of **Simple and Total Multipliers**.

For the Upper Great Southern economic impacts, this entailed the following tasks:

1. Transaction tables were developed from National IO tables for the Upper Great Southern economy. For the regional economy, the Regional Transaction Table was calculated by applying employment-based location quotients for the Region, based on the results of the 2016/2021 Census of Population and Housing. This has the effect of excluding spending on imports to the Region since they generate no local economic activity.
2. Economic Multipliers were then generated for WA economy across 119 industry categories defined by the ABS.
3. Construction and operational expenditure and production associated with the development were allocated across 119 industry categories.
4. Economic impacts associated with the Project are calculated.

Economic Impact Assessments based on IO-tables and Economic Multipliers have been criticised by Government and academia. Econisis recognises Economic Multipliers are based on limited assumptions that can result in multipliers being a biased estimator of the benefits or costs of a Project.

Shortcomings and limitations of multipliers for economic impact analysis include:

- **Lack of supply**—side constraints: The most significant limitation of economic impact analysis using multipliers is the implicit assumption that the economy has no supply—side constraints. That is, it is assumed that extra output can be produced in one area without taking resources away from other activities, thus overstating economic impacts. The actual impact is likely to be dependent on the extent to which the economy is operating at or if it is near capacity.
- **Fixed prices**: Constraints on the availability of inputs, such as skilled labour, require prices to act as a rationing device. In assessments using multipliers, where factors of production are assumed

to be limitless, this rationing response is assumed not to occur. Prices are assumed to be unaffected by policy and any crowding out effects are not captured.

- **Fixed ratios for intermediate inputs and production:** Economic impact analysis using multipliers implicitly assumes that there is a fixed input structure in each industry and fixed ratios for production. As such, impact analysis using multipliers can be seen to describe average effects, not marginal effects. For example, increased demand for a product is assumed to imply an equal increase in production for that product. In reality, however, it may be more efficient to increase imports or divert some exports to local consumption rather than increasing local production by the full amount.
- **No allowance for purchasers' marginal responses to change:** Economic impact analysis using multipliers assumes that households consume goods and services in exact proportions to their initial budget shares. For example, the household budget share of some goods might increase as household income increases. This equally applies to industrial consumption of intermediate inputs and factors of production.
- **Absence of budget constraints:** Assessments of economic impacts using multipliers that consider consumption induced effects (type two multipliers) implicitly assume that household and government consumption is not subject to budget constraints.
- **Not applicable for small regions:** Multipliers that have been calculated from the national IO table are not appropriate for use in economic impact analysis of Projects in small regions. For small regions multipliers tend to be smaller than national multipliers since the inter–industry linkages are normally relatively shallow. Inter–industry linkages tend to be shallow in small regions as they usually do not have the capacity to produce the wide range of goods used for inputs and consumption, instead importing a large proportion of these goods from other regions.

Despite this, IO tables and Economic Multipliers remain popular due to their ease of use and communication of results. Econisis has undertaken a number of steps and made appropriate adjustments to the EIA methodology to address and mitigate these concerns.

Econisis has presented **Simple and Total Multipliers** separately in the Assessment. This has the effect of isolating and separating Household Consumption impacts from the core economic supply chain and industry related impacts. By doing so, only those industries with a first round or supply chain connection are considered first.

Additionally, Econisis has developed economic multipliers for the **Upper Great Southern economy only**. This has the effect of internalising and limiting the extent of the economic impact outside of the State.

Econisis regards the use of Economic Multipliers as part of this Assessment as appropriate and reliable. The results of the assessment are conservative, defensible and suitable for informing decision making.

5.3.2 Impact Scenarios

In addition to examining both economic output/supply chain impacts and household consumption/expenditure impacts, Econisis has undertaken two different scenarios of the scale of the impact on flock value and numbers.

As such, this analysis has focused on two potential scenarios:

- The direct impact on the size of the flock that would otherwise be turned-off via live export. This uses the pre-COVID 5 year average share of 30% in line with the midpoint in WA Government expectations of between 15% and 45%¹⁵

¹⁵ Based on WA Government estimates provided as part of the submission to the Independent Panel.

- The direct and indirect impact on the size of the flock due to the high degree of interrelationship between live export and other sheep-related industries such as wool. This reflects the expectation in the market of a first and secondary round downgrading effect of the overall flock size in Western Australia with the cessation of live exports. This uses an average value reduction of 50%.

Values have been assessed annually and then estimated over a 20 year period, converted into present value at a 7% discount rate.

5.3.3 Economic Output and Supply Chain Impacts

Overall, Econisis estimates that the economic output and supply chain impacts (i.e. simple multipliers) to the Upper Great Southern economy will range from \$474.9m to \$791.5m in present value terms over 20 years from the cessation of live sheep exports.

This variation reflects the extent to which second round flock size and value impacts eventuate. Such impacts are regarded as likely due to the constraints on transfer of sheep from live export to other turn-off methods (both domestically and internationally) and the strong interrelationship in over flock size between live export, sheepmeat and wool production. This means the difference between the two figures (approximately \$316m) represents the direct and supply chain impacts on the wool industry over 20 years.

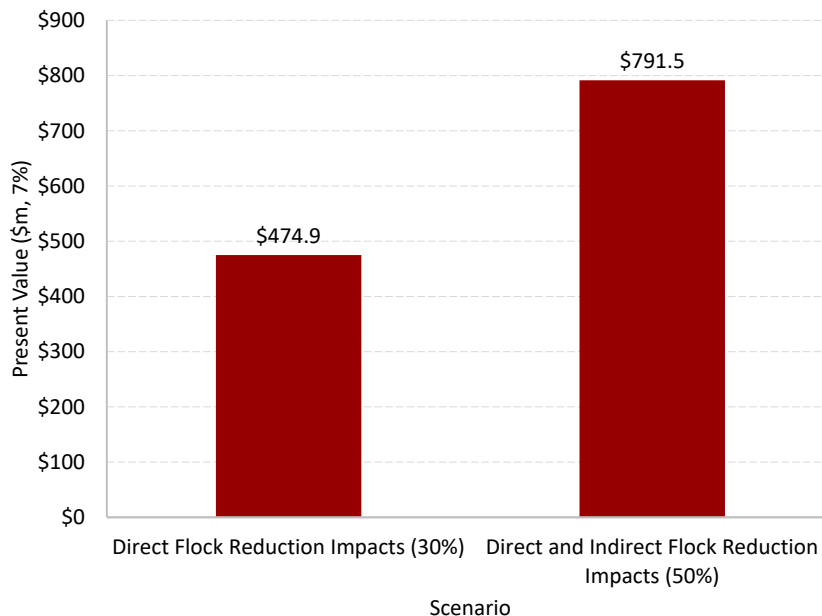


Figure 15 Upper Great Southern Economic Output and Supply Chain Impacts, by Scenario, Present Value over 20 Years at 7%

5.3.4 Household Consumption and Expenditure Impacts

The direct impact on sheep farmers and their supply chains are also expected to have a secondary impact on the households and communities in which these businesses operate. This includes through reduced incomes, earnings and expenditure into the wider economy.

Econisis has estimated this impact through the application of indirect economic multipliers relating to household consumption and expenditure impacts.

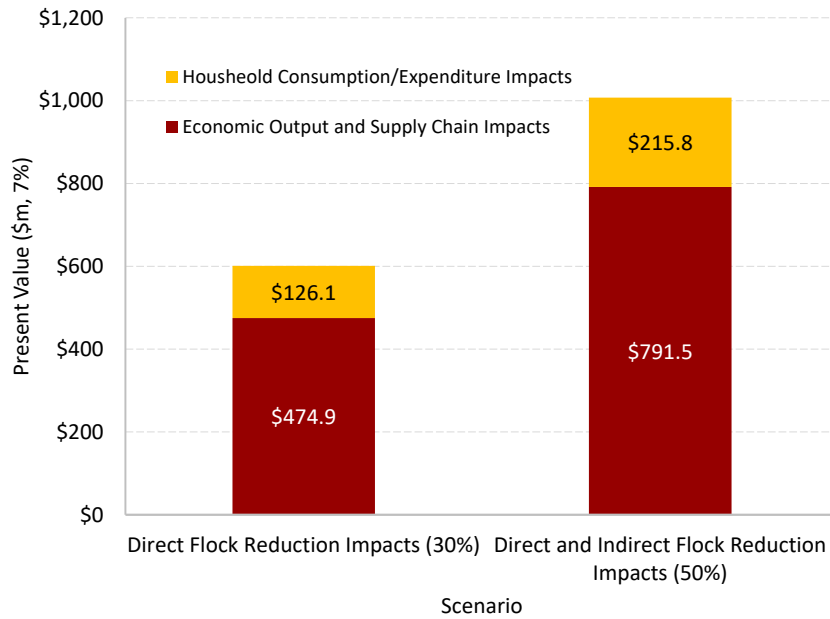


Figure 16 Upper Great Southern Economic Output, Supply Chain and Household Consumption Impacts, by Scenario, Present Value over 20 Years at 7%

These impacts have the effect of adding a further \$126.1m to \$215.8m of impacts to the local Upper Great Southern economy in present value terms over 20 years, through decreased household consumption and expenditure depending on the impact scenario.

5.4 Summary of Impacts

These methods of calculation highlight the scale of potential impacts on the Upper Great Southern economy of the phasing out of live sheep exports.

Direct price and value related impacts (i.e. with no flock size adjustments) would likely see impacts to the Upper Great Southern economy ranging from \$262m-\$298m in present value terms over the next two decades.

When flock size and scale related impacts (both direct and indirect) are also considered, then the scale of this impact increases to \$474m to \$791m over 20 years.

This is further exacerbated when the centrality of sheep farm expenditure, employment and incomes to the functioning of local and regional communities is also considered, which adds a further \$126m to \$216m in economic impact.

This means that the announced cessation of live sheep export from Australia has the potential to see the Upper Great Southern forgo, through **direct and indirect flock reduction impacts and consequential household and community impacts of over \$1b in present value terms over the next 20 years.**

And this impact has likely already started being accrued by the region, reflecting the policy environment created by the Federal Government’s announcement of the panel, resulting in cyclical lows in flock sized due to COVID becoming entrenched and structural.

6 CONCLUSIONS

The planned phasing out of live sheep export policy is expected to have significant economic implications for the Upper Great Southern farmers, communities and local economies. The Upper Great Southern region accounts for approximately 20% or 1 in 5 of the sheep and lamb flock of Western Australia. Additionally, the sheep industry accounts for a larger share of Upper Great Southern economic activity than Western Australia and Australia and live export is its principally a Western Australian turn-off market (due to proximity to key Middle East destinations).

Estimates by Econisis using unit price/value and economic multiplier approaches indicate the potential impact on the regional Upper Great Southern economy at between \$262m and \$791m in economic output over 20 years (at a 7%) discount rate. This is dependent on the degree to which the loss of live export markets impacts just price or overall flock size as well and excludes the further impact to local communities and households from the loss of consumption and expenditure (representing a further \$126m-\$216m) in impacts.

This means that the total size of the economic output impact on the Upper Great Southern economy could be in excess of \$1b in present value terms over the next two decades. This would represent a substantial direct and indirect impact on the Upper Great Southern economy, with wide spread and lasting demographic, socio-economic and business impacts across major towns and communities in the region.

And it is likely that this impact is already being experienced, as the impending loss of a critical competitive market for sheep production in Western Australia is being factored into to flock management decisions.

Currently, the size and composition of the Federal Transition Support Package is inadequate for the scale of the negative economic, business, industry and community impacts on the Upper Great Southern estimated in this report. The funding lacks a critical mass of direct support for impacted farmers and supply chains, is overly focused on funding the Government's own actions to address global animal welfare deterioration resulting from the announcement as well as the lack of end market cold storage and transport distribution infrastructure investment.

Similarly, the package fails to provide any support for critical abattoir capacity investment in Western Australia that would be necessary to onshore processing, even if significant market transitions to chilled and boxed meat consumption were possible within the next 5 years. This would likely require the Australian Government unwriting of billions of dollars in new abattoir capacity as well as reforms to the sector to reduce regulatory burdens that already impact feasibility and have seen abattoirs recent close across the State.

And the impact estimated in this report only represents the effect on the 7 regional local government areas in the Upper Great Southern. The scale of the impact across the State's wider sheep farming industry is likely to be much greater and will require more significant investment and compensation and support by the Australian Government for the introduction of the market-limiting policy than currently announced.

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