



ATTACHMENTS

Ordinary Meeting of Council

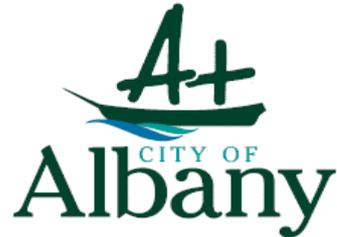
Tuesday 15 December 2020

6.00pm

ORDINARY COUNCIL MEETING
ATTACHMENTS – 15/12/2020

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CITY OF ALBANY
MONTHLY FINANCIAL REPORT
(Containing the Statement of Financial Activity)
FOR THE PERIOD ENDED 31 OCTOBER 2020

LOCAL GOVERNMENT ACT 1995
LOCAL GOVERNMENT (FINANCIAL MANAGEMENT) REGULATIONS 1996

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Compliance Report

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**CITY OF ALBANY
COMPILATION REPORT
FOR THE PERIOD ENDED 31 OCTOBER 2020**

Report Purpose

This report is prepared to meet the requirements of Local Government (Financial Management) Regulations 1996, Regulation 34.

Overview

No matters of significance are noted.

Statement of Financial Activity by reporting nature or type

Shows a Closing Funding Position for the period ended 31 October 2020 of \$37,077,439.

Note: The Statements and accompanying notes are prepared based on all transactions recorded at the time of preparation and may vary.

Preparation

Prepared by: S. Van Nierop
Manager Finance

Reviewed by: D. Olde
Executive Director Corporate & Commercial Services

Date prepared: 12-Nov-2020

CITY OF ALBANY
STATEMENT OF FINANCIAL ACTIVITY
BY NATURE OR TYPE
FOR THE PERIOD ENDED 31 OCTOBER 2020

Ref Note	Original Annual Budget	Revised Annual Budget	YTD Budget (a)	YTD Actual (b)	Var. \$ (b)-(a)	Var. % (b)-(a)/(a)	Var.
	\$	\$	\$	\$	\$	%	
Operating Revenues							
Rate Revenue	38,713,076	38,713,076	38,647,076	38,707,039	59,963	0%	
Grants & Subsidies	3,841,554	3,841,048	852,226	923,386	71,160	8%	
Contributions, Donations & Reimbursements	759,356	856,782	206,584	495,441	288,857	140%	▲
Profit on Asset Disposal	1,000	1,000	250	32,343	32,093	12837%	
Fees and Charges	14,616,563	14,616,563	5,590,147	7,108,008	1,517,861	27%	▲
Interest Earnings	533,114	533,114	218,656	170,179	(48,477)	(22%)	
Other Revenue	183,306	183,306	61,076	49,907	(11,169)	(18%)	
	58,647,969	58,744,889	45,576,015	47,486,303			
Operating Expenses							
Employee Costs	(25,490,427)	(25,490,588)	(7,790,270)	(7,089,443)	700,827	9%	▼
Materials and Contracts	(20,949,996)	(20,453,721)	(5,803,338)	(4,540,486)	1,262,852	22%	▼
Utilities Charges	(1,786,962)	(1,786,962)	(465,871)	(450,770)	15,101	3%	
Depreciation (Non-Current Assets)	(16,848,328)	(16,848,328)	(5,613,848)	(5,922,190)	(308,342)	(5%)	▲
Interest Expenses	(640,704)	(640,704)	(62,081)	(38,054)	24,027	39%	
Insurance Expenses	(738,880)	(738,880)	(585,275)	(671,630)	(86,355)	(15%)	
Loss on Asset Disposal	(454,292)	(454,292)	(145,018)	(85,256)	59,762	41%	
Other Expenditure	(2,721,166)	(2,711,934)	(651,026)	(661,733)	(10,707)	(2%)	
Less: Allocated to Infrastructure	916,295	916,295	305,300	285,244	(20,056)	7%	
	(68,714,460)	(68,209,114)	(20,811,427)	(19,174,318)			
Contributions for the Development of Assets							
Grants & Subsidies	16,818,720	18,925,537	1,500,205	1,413,814	(86,391)	(6%)	
Contributions, Donations & Reimbursements	457,266	4,326,219	70,926	132,988	62,062	(88%)	
	17,275,986	23,251,756	1,571,131	1,546,802			
Net Operating Result	7,209,495	13,787,531	26,335,719	29,858,787			
Funding Balance Adjustment							
Add Back: Depreciation	16,848,328	16,848,328	5,613,848	5,922,190	308,342	5%	▲
Adjust (Profit)/Loss on Asset Disposal	453,292	453,292	144,768	52,913	(91,855)	-	
Adjust (Profit)/Loss on Value of Investments	-	-	-	-	-	-	
Movement From Non-Current to Current	-	-	-	113,525	113,525	-	▲
Funds Demanded From Operations	24,511,115	31,089,151	32,094,335	35,947,415			
Capital Revenues							
Proceeds from Disposal of Assets	675,500	675,500	148,875	231,283	82,408	55%	
	675,500	675,500	148,875	231,283			
Acquisition of Fixed Assets							
Land and Buildings	(7,118,042)	(10,425,790)	(1,187,100)	(841,020)	346,080	29%	▼
Furniture, Plant and Equipment	(3,604,178)	(4,417,056)	(425,630)	(375,218)	50,412	12%	
Infrastructure Assets - Roads	(7,050,384)	(7,536,596)	(411,832)	(466,067)	(54,235)	(13%)	
Infrastructure Assets - Coastal Enhancement	(5,654,670)	(5,685,984)	(3,360,000)	(380,930)	2,979,070	89%	▼
Infrastructure Assets - Other	(13,865,612)	(14,981,426)	(3,486,615)	(901,437)	2,585,178	74%	▼
	(37,292,886)	(43,046,852)	(8,871,177)	(2,964,671)			
Financing/Borrowing							
Repayment of Borrowing	(2,522,892)	(2,522,892)	(227,061)	(141,263)	85,798	38%	
Proceeds from Borrowing	2,000,000	2,000,000	-	-	-	-	
Principal Portion of Lease Liabilities	(170,922)	(170,922)	(54,079)	(56,974)	(2,895)	(5%)	
Self-Supporting Loan Principal	13,307	13,307	6,602	6,602	(0)	0%	
	(680,507)	(680,507)	(274,538)	(191,635)			
Demand for Resources	(12,786,778)	(11,962,708)	23,097,495	33,022,392			
Restricted Funding Movements							
Opening Position	4,057,162	3,906,526	3,906,526	4,055,047	148,521	4%	▲
Restricted Cash Utilised - Loan	102,070	-	-	-	-	-	
Transfer to Reserves	(13,834,304)	(14,229,304)	-	-	-	100%	
Transfer from Reserves	22,461,850	22,307,628	-	-	-	100%	
	12,786,778	11,984,850	3,906,526	4,055,047			
Closing Funding Surplus/(Deficit)	-	22,142	27,004,021	37,077,439			

REPORT ITEM CCS 309 REFERS

CITY OF ALBANY NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY FOR THE PERIOD ENDED 31 OCTOBER 2020

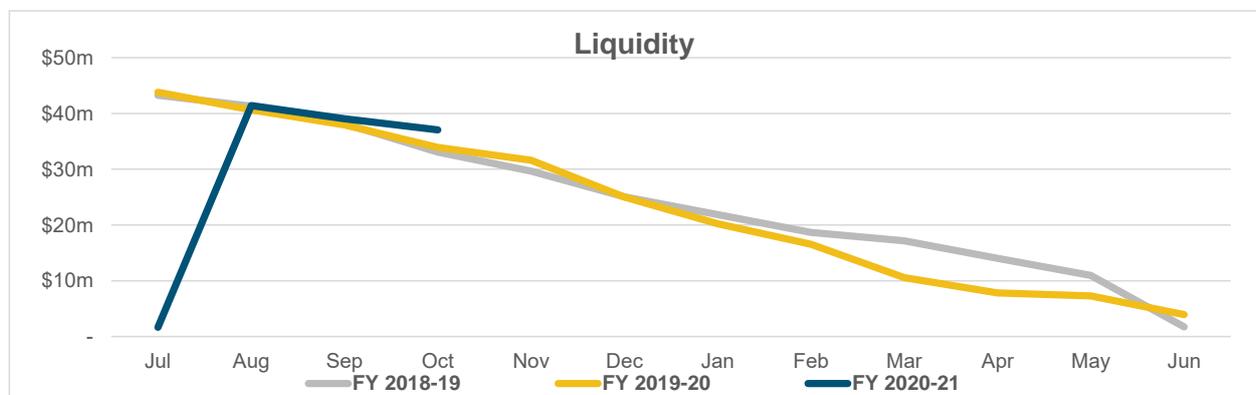
NOTE 1 EXPLANATION OF MATERIAL VARIANCES TO YTD BUDGET IN EXCESS OF \$100,000

	Var. \$	Var. %	Var.	Timing/ Permanent	Explanation of Variance
	\$	%			
Operating Revenues					
Rate Revenue	59,963	0%			No material variance.
Grants & Subsidies	71,160	8%			No material variance.
Contributions, Donations & Reimbursements	288,857	140%	▲	Permanent	Includes non-budgeted \$190k compensation income, a result of a contractor failing to meet contractual agreements.
Profit on Asset Disposal	32,093	12837%			No material variance.
Fees and Charges	1,517,861	27%	▲	Timing	Performance ahead of budget, primarily at ALAC, the NAC, Planning/Building charges, and the Airport. Fees & Charges revenue to be reviewed at next budget review. Comparing to October-2019, and excluding fees and charges relating to waste charges billed as part of rates, income is down \$191k (4%). Large increases relative to October 2019 have been made in Planning/Building, whereas lesser performance compared to October 2019 is at the Airport and ALAC.
Interest Earnings	(48,477)	(22%)			No material variance.
Other Revenue	(11,169)	(18%)			No material variance.
Operating Expenses					
Employee Costs	700,827	9%	▼	Timing	Underspend Salaries & Wages (\$-495k YTD variance) and Leave accrual provisions (-\$120k YTD variance), primarily due to budgeted positions not yet filled, and staff utilising leave entitlements. Training & Education spend down (\$-99k YTD variance). Offset by increase in Workers Compensation Insurance relative to budget (\$32k YTD variance - permanent). Labour Hire (reported under Materials & Contracts) YTD spend is \$36k, below YTD budget by \$9k. Labour Hire spend YTD Oct-2019 totalled \$292k.
Materials and Contracts	1,262,852	22%	▼	Timing	Majority of underspend relates to Road Maintenance, Trades Rectification Maintenance and Developed Reserves Maintenance.
Utilities Charges	15,101	3%			No material variance.
Depreciation (Non-Current Assets)	(308,342)	(5%)	▲	Permanent	Relates to additional depreciation on assets capitalised at financial year end (30 June 2020). Non cash, to be revisited at budget review
Interest Expenses	24,027	39%			No material variance.
Insurance Expenses	(86,355)	(15%)			No material variance.
Loss on Asset Disposal	59,762	41%			No material variance.
Other Expenditure	(10,707)	(2%)			No material variance.
Less: Allocated to Infrastructure	(20,056)	7%			No material variance.
Contributions for the Development of Assets					
Grants & Subsidies	(86,391)	(6%)			No material variance.
Contributions, Donations & Reimbursements	62,062	(88%)			No material variance.
Funding Balance Adjustment					
Add Back: Depreciation	308,342	5%	▲	Permanent	Relates to additional depreciation on assets capitalised at financial year end (30 June 2020). Non cash, to be revisited at budget review
Adjust (Profit)/Loss on Asset Disposal	(91,855)	-			No material variance.
Adjust (Profit)/Loss on Value of Investments	-	-			No material variance.
Movement From Non-Current to Current	113,525	-	▲	Permanent	Payments reported as WIP as at 30 June 2020, to be capitalised in FY20/21 and therefore transferred to be current
Capital Revenues					
Proceeds from Disposal of Assets	82,408	55%			No material variance.
Acquisition of Fixed Assets					
Land and Buildings	346,080	29%	▼	Timing	Various. Includes Security System upgrades of City buildings, Library Fitout, City buildings general upgrades
Furniture, Plant and Equipment	50,412	12%			No material variance.
Infrastructure Assets - Roads	(54,235)	(13%)			No material variance.
Infrastructure Assets - Coastal Enhancement	2,979,070	89%	▼	Timing	Middleton Beach Public Realm Enhancements
Infrastructure Assets - Other	2,585,178	74%	▼	Timing	Primarily Airport runway resurfacing (\$848k YTD variance), Centennial Park Sporting Precinct projects: \$219k variance (Youth Precinct, Public Realm Enhancements), and various other Drainage, Footpaths, Reserves, and other infrastructure projects.
Financing/Borrowing					
Repayment of Borrowing	85,798	38%			No material variance.
Self-Supporting Loan Principal	(0)	0%			No material variance.
Restricted Funding Movements					
Opening Position	148,521	4%	▲	Permanent	Adjustments made as a result of final year audit
Restricted Cash Utilised - Loan	-				No material variance.
Transfer to Reserves	-	100%			No material variance.
Transfer from Reserves	-	100%			No material variance.

**CITY OF ALBANY
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
FOR THE PERIOD ENDED 31 OCTOBER 2020**

**NOTE 2
NET CURRENT FUNDING POSITION**

	Ref Note	FOR THE PERIOD ENDED 31 OCTOBER 2020	FOR THE PERIOD ENDED 30 SEPTEMBER 2020	FOR THE PERIOD ENDED 31 OCTOBER 2019
		\$	\$	\$
Current Assets				
Cash Unrestricted		34,018,763	32,596,870	28,779,704
Cash Restricted		29,298,981	29,367,207	30,122,021
Receivable - Rates and Rubbish	4	15,924,140	20,089,427	16,288,839
Receivables - Other		1,243,279	905,143	1,262,247
Accrued Income		301,170	199,890	175,314
Prepaid Expenses		95,998	120,170	162,227
Investment Land		158,000	158,000	158,000
Community Group Loan		6,706	13,307	6,500
Stock on Hand		1,364,578	1,367,014	1,359,652
		82,411,615	84,817,029	78,314,506
Less: Current Liabilities				
Payables		(3,197,840)	(3,666,415)	(3,289,752)
Borrowings		(2,381,631)	(2,418,139)	(2,305,432)
Prepaid Rates		(371,487)	(343,382)	(998,417)
Contract Liabilities		(2,257,556)	(1,694,856)	(4,083,824)
Lease Liabilities		(113,948)	(128,192)	(112,128)
Accrued Expenses		(29,649)	(514,076)	(5,334)
Income in advance		(4,081,169)	(4,160,492)	(72,414)
Provisions		(5,879,345)	(5,874,757)	(5,598,927)
Retentions		(124,631)	(135,051)	(139,742)
		(18,437,256)	(18,935,360)	(16,605,971)
Add Back: Borrowings		2,381,631	2,418,139	2,305,432
Add Back: Lease liability payments		113,948	128,192	-
(Less): Cash Backed Reserves		(29,227,794)	(29,227,794)	(29,932,833)
(Less): Loans Receivable (Current)		(6,706)	(13,307)	(6,500)
(Less): Investment land		(158,000)	(158,000)	(158,000)
		(26,896,920)	(26,852,771)	(27,791,901)
Net Current Funding Position		37,077,439	39,028,899	33,916,634

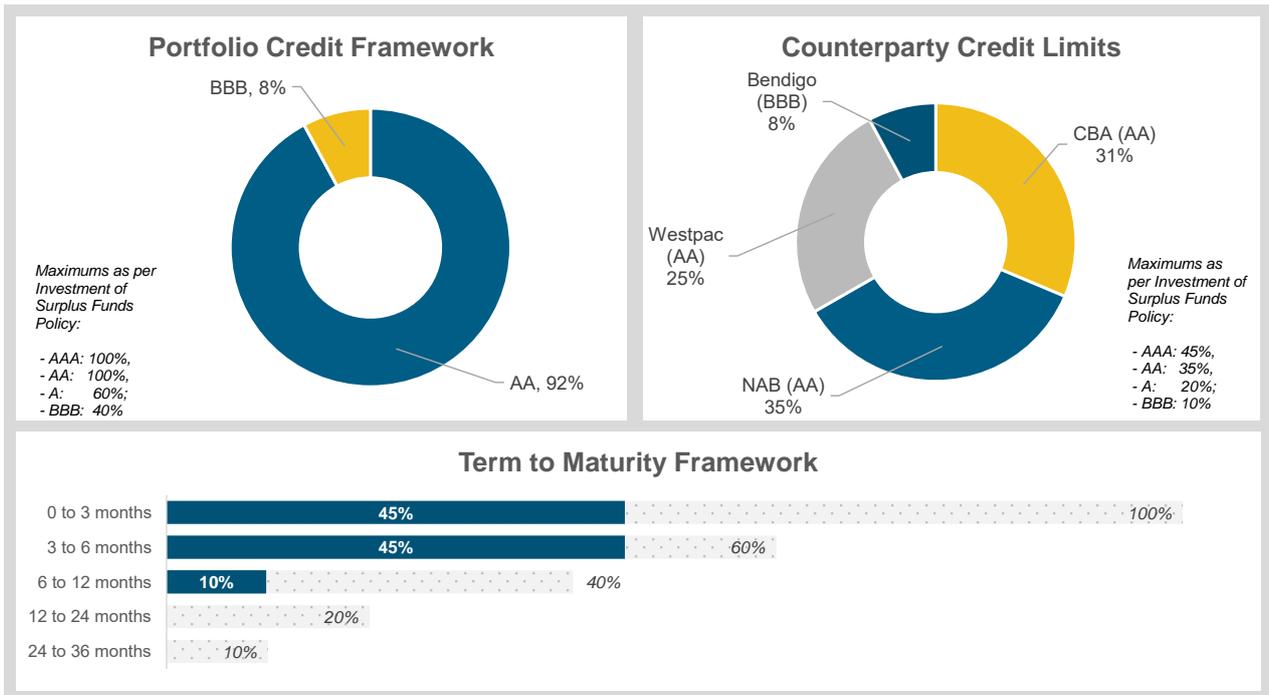


COMMENTS:
 Notable year-on-year movements:
 - Income in Advance: relates to changes in accounting treatment of Waste Removal Charges. To be recognised as income throughout FY20/21 (previously recognised once Rates notices raised).
 - Contract Liabilities: Timing of Unspent Grants

**CITY OF ALBANY
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
FOR THE PERIOD ENDED 31 OCTOBER 2020**

**NOTE 3
CASH INVESTMENTS**

Investment Type	Institution	S&P Rating	Interest Rate	Deposit Date	Maturity	Investment Term Category	Amount Invested (\$)	Expected Interest (\$)
General Municipal	NAB	AA	0.70%	31-Aug-20	30-Nov-20	0 to 3 months	2,000,000	3,490
General Municipal	CBA	AA	0.46%	31-Aug-20	30-Nov-20	0 to 3 months	2,000,000	2,294
General Municipal	NAB	AA	0.67%	22-Sep-20	21-Dec-20	0 to 3 months	3,000,000	4,956
General Municipal	Westpac	AA	0.55%	24-Sep-20	23-Dec-20	0 to 3 months	3,000,000	4,068
General Municipal	CBA	AA	0.40%	08-Oct-20	06-Jan-21	0 to 3 months	3,000,000	2,959
General Municipal	NAB	AA	0.58%	09-Oct-20	07-Jan-21	0 to 3 months	3,000,000	4,290
General Municipal	NAB	AA	0.66%	25-Sep-20	22-Jan-21	3 to 6 months	2,000,000	4,304
General Municipal	Westpac	AA	0.65%	10-Sep-20	09-Feb-21	3 to 6 months	3,000,000	8,121
General Municipal	Bendigo	BBB	0.55%	24-Sep-20	22-Feb-21	3 to 6 months	2,000,000	4,551
							23,000,000	39,033
Restricted	CBA	AA	0.68%	18-May-20	18-Nov-20	6 to 12 months	2,000,000	6,856
Restricted	NAB	AA	1.00%	18-May-20	16-Nov-20	3 to 6 months	2,000,000	9,973
Restricted	CBA	AA	0.70%	28-May-20	24-Nov-20	3 to 6 months	3,500,000	12,082
Restricted	NAB	AA	0.70%	31-Aug-20	30-Nov-20	0 to 3 months	3,000,000	5,236
Restricted	Bendigo	BBB	0.50%	14-Sep-20	13-Dec-20	0 to 3 months	2,000,000	2,466
Restricted	NAB	AA	0.92%	16-Jun-20	14-Dec-20	3 to 6 months	3,000,000	13,687
Restricted	CBA	AA	0.48%	07-Oct-20	07-Jan-21	0 to 3 months	2,000,000	2,420
Restricted	Westpac	AA	0.80%	20-Jul-20	19-Jan-21	6 to 12 months	3,000,000	12,033
Restricted	Westpac	AA	0.75%	31-Jul-20	28-Jan-21	3 to 6 months	4,000,000	14,877
Restricted	CBA	AA	0.51%	22-Sep-20	22-Mar-21	3 to 6 months	3,500,000	8,852
							28,000,000	88,480
Weighted Average Interest Rate:			0.65%	Total:			51,000,000	127,512

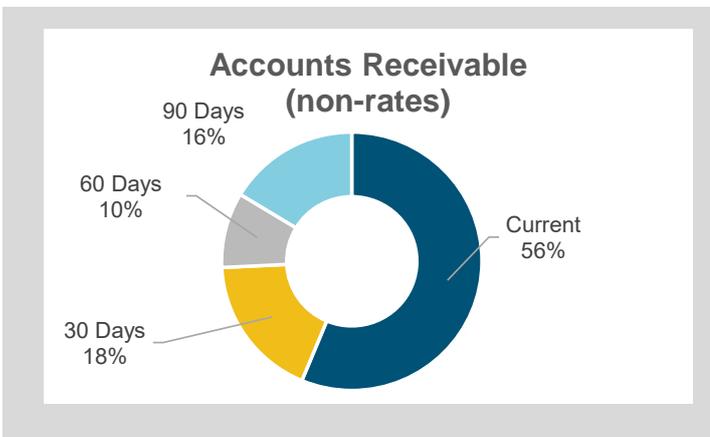
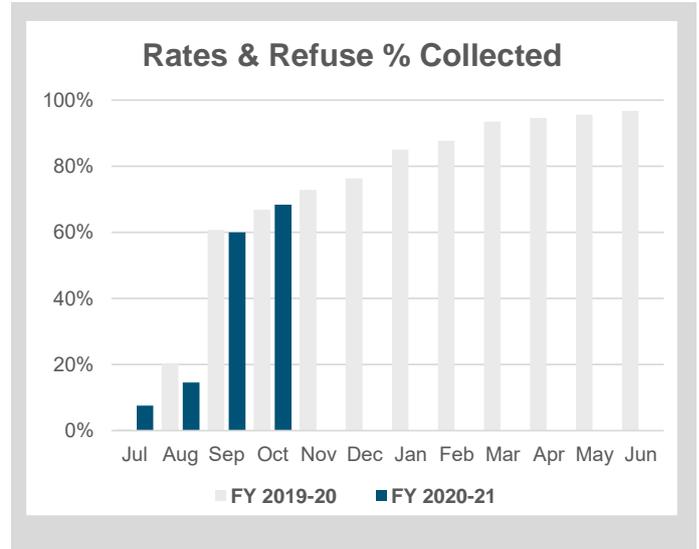


COMMENTS:

**CITY OF ALBANY
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
FOR THE PERIOD ENDED 31 OCTOBER 2020**

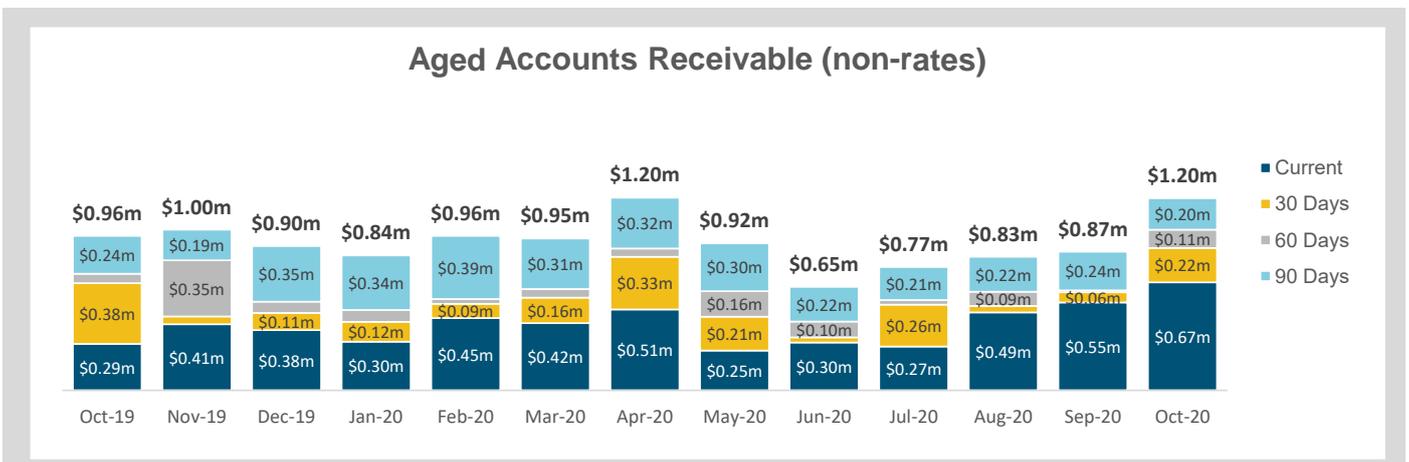
**NOTE 4
RECEIVABLES**

<u>Rates & Refuse % Collected</u>	<u>\$</u>
Opening Arrears Previous Years	1,527,901
Rates Levied	38,707,039
Refuse Levied	6,463,284
ESL Levied	3,515,084
Other Charges Levied	170,213
Amount Levied	50,383,521
(Less): Collections (Prior Years)	(702,860)
(Less): Collections (Current Year)	(33,756,522)
Amount Collected	(34,459,382)
Total Rates & Charges Collectable	15,924,140
<i>% Collected</i>	<i>68.4%</i>



<u>Accounts Receivable (non-rates)</u>	<u>\$</u>	<u>%</u>
Current	674,359	56%
30 Days	215,385	18%
60 Days	112,957	9%
90 Days	195,885	16%
	1,198,586	100%

Amounts shown above include GST (where applicable)



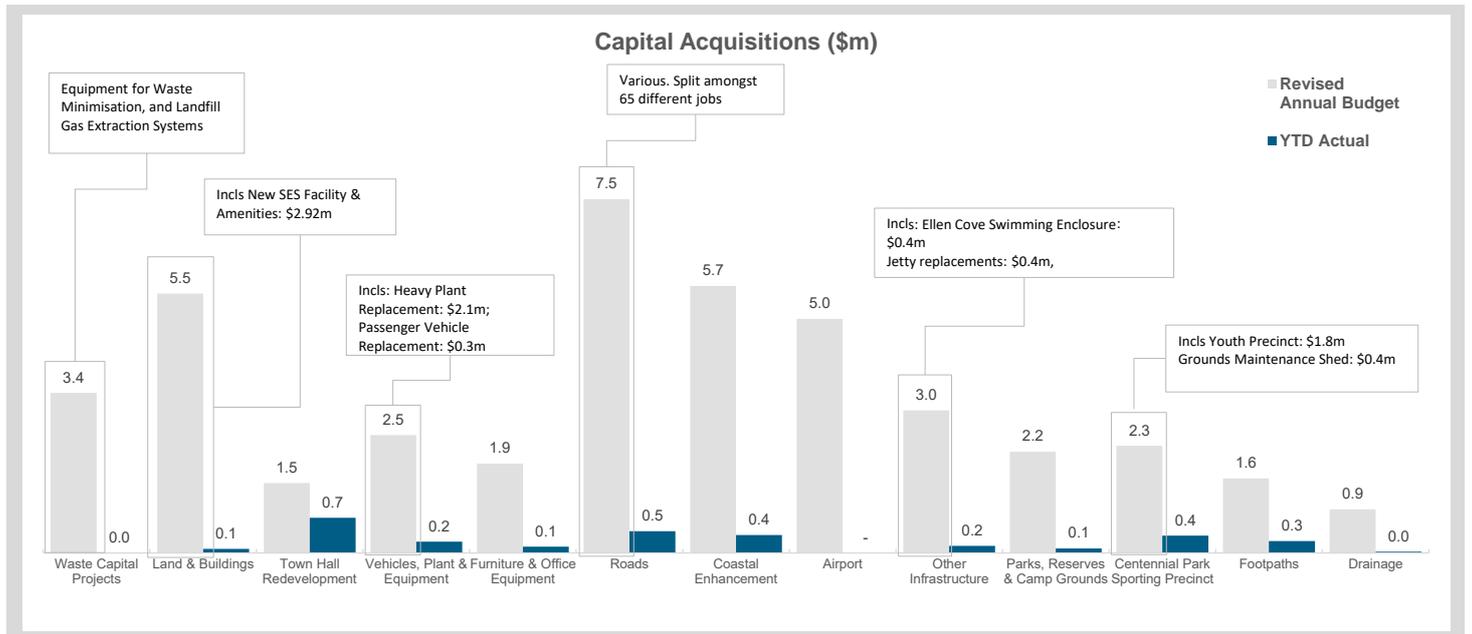
Leasing: COVID Rent Concession

Total rent concessions approved to date under the City of Albany COVID-19 Rent Concession (CCS237, SCM021) totals \$213,168.81 (inc GST) for the period 1 April 2020 to 30 September 2020 (as at 12 November 2020).

**CITY OF ALBANY
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
FOR THE PERIOD ENDED 31 OCTOBER 2020**

**NOTE 5
CAPITAL ACQUISITIONS**

Capital Acquisitions	Category	Original Annual Budget	Revised Annual Budget	YTD Budget (a)	YTD Actual (b)	Var. \$ (b)-(a)	Var. % (b)-(a)/(a)	Var.
		\$	\$	\$	\$	\$	%	
Waste Capital Projects	Land and Buildings	3,407,528	3,407,528	0	4,480	4,480	-	
Land & Buildings	Land and Buildings	2,322,202	5,527,430	473,766	87,553	(386,213)	(82%)	▼
Town Hall Redevelopment	Land and Buildings	1,388,312	1,490,832	713,334	748,987	35,653	5%	
Vehicles, Plant & Equipment	Furniture, Plant and Equipment	2,496,000	2,511,285	98,320	241,124	142,804	145%	▲
Furniture & Office Equipment	Furniture, Plant and Equipment	1,108,178	1,905,771	327,310	134,094	(193,216)	(59%)	▼
Roads	Infrastructure Assets - Roads	7,050,384	7,536,596	411,832	466,067	54,235	13%	
Coastal Enhancement	Infrastructure Assets - Coastal Enhancement	5,654,670	5,685,984	3,360,000	380,930	(2,979,070)	(89%)	▼
Airport	Infrastructure Assets - Other	4,985,500	4,985,500	847,904	0	(847,904)	(100%)	▼
Other Infrastructure	Infrastructure Assets - Other	2,220,582	3,037,957	240,837	152,174	(88,663)	(37%)	▼
Parks, Reserves & Camp Grounds	Infrastructure Assets - Other	2,052,115	2,158,676	661,510	97,058	(564,452)	(85%)	▼
Centennial Park Sporting Precinct	Infrastructure Assets - Other	2,263,453	2,283,029	592,982	371,932	(221,050)	(37%)	▼
Footpaths	Infrastructure Assets - Other	1,410,941	1,588,382	672,886	253,543	(419,343)	(62%)	▼
Drainage	Infrastructure Assets - Other	933,021	927,882	470,496	26,730	(443,766)	(94%)	▼
Total Capital Acquisitions		37,292,886	43,046,852	8,871,177	2,964,671	(5,906,506)	(67%)	▼



COMMENTS:

Document Number	Description	Date Sent / Received
EDR20120437	<p>Copy of Executed Document Item: N/A Re: Grant Agreement with Development WA for \$1.1m for Middleton Beach Foreshore Enhancement. 1. Northern Landscape Corridor (Enhanced carpark and additional area, and landscape upgrades). 2. Ellen Cove Amphitheatre Upgrades (Reactivation works and landscape upgrades). 3. Boardwalk and Jetty Link (Improved Accessibility). Parties: Development WA Signed By: Andrew Sharpe Chief Executive Officer (1 copy)</p>	19/10/2020
EDR20120669	<p>Copy of Executed Documents Item: N/A RE: CEO approval of Waste Census 2020 - Landfill Parties: N/A Signed By: Andrew Sharpe Chief Executive Officer (1 copy)</p>	22/10/2020
EDR20120690	<p>Copy of Executed Document Item: Ordinary Council Meeting 28 July 2020 Reference DIS221: Local Planning Scheme Amendment No.35 - Lot 5780, Down Road, South, Drome RE: Local Planning Scheme No. 1, Amendments No. 35 - Rezoning Lot 5780, Down Road South, Drome from priority agriculture zone to special use zone and adding text to Schedule 4 of the Scheme. Prepared for the Department of Planning, Lands and Heritage with updates to comply with the Commissions requested mods. Parties: N/A Signed By: Andrew Sharpe Chief Executive Officer and Mayor Dennis Wellington (2 copies)</p>	22/10/2020
EDR20120722	<p>Copy of Executed Document Item: N/A Re: Application for Development Approval for 2 Parade Street, install of NBN services of heritage listed property and needs to be referred to State Heritage Parties: Western Australian Museum Signed By: Andrew Sharpe, Chief Executive Officer (1 Copy)</p>	22/10/2020

Document Number	Description	Date Sent / Received
EDR20120848	Copy of Executed Document Item: N/A Re: Award of E-Quote for P20015 - Supply and delivery of front end wheel loader Parties: AFGRI Equipment - John Deere Signed By: Andrew Sharpe Chief Executive Officer (1 copy)	27/10/2020
EDR20120849	Copy of Executed Document Item: N/A Re: The City is not prepared to accept counter off of \$13,000 for Lot 7333 Princess Ave - Final letter of offer now needs the signature of Chief Executive Officer. Parties: N/A Signed By: Andrew Sharpe Chief Executive Officer (1 copy)	27/10/2020
EDR20120851	Copy of Executed Document Item: N/A Re: Attached is a form for Damon Lawrence to have after-hours private use (RPUS) of a City owned pool vehicle. THIS arrangement will only be short term until his budgeted contract vehicle has been delivered. Dealers are currently facing long wait times due to the impact of covid-19. Parties: N/A Signed By: Andrew Sharpe Chief Executive Officer	27/10/2020
EDR20120852	Copy of Executed Document Item: N/A RE: Development Application outdoor dining Garrisons restaurant Parties: N/A Signed By: Andrew Sharpe Chief Executive Officer (1 copy)	27/10/2020
EDR20120854	Copy of Executed Document Item: N/A RE: Construct covered areas Garrisons restaurant Parties: N/A Signed By: Andrew Sharpe Chief Executive Officer (1 copy)	27/10/2020

Document Number	Description	Date Sent / Received																												
EDR20121015	Copy of Executed Document Item: N/A Re: Application only to Department of Veteran's Affairs for grant funding of Saluting their Service Commemoration Project on the Mounts - Submariners Amphitheatre Upgrade. Total project costs \$150K, COA contribution: \$0 cash/ \$0 in kind, other contributions: \$0, funding requested \$150k Parties: Application Only Signed By: Andrew Sharpe Chief Executive Officer (1 copy)	29/10/2020																												
EDR20121116	Copy of Executed Document Item: N/A Re: August invoice from Cleanaway Parties: Cleanaway Pty Ltd Signed By: Andrew Sharpe Chief Executive Officer (1 copy)	02/11/2020																												
EDR20121282	Copy of Executed Document Item: N/A Re: The lessee Regional Development Australia Great Southern WA Inc are lodging a Development Application for a change of land use of the lower floor of the Heritage listed Co-Op Building at 46 Frederick Street to - Educational Establishment. Due to Heritage Significance and that this is an A use we require a DA and need to refer to State Heritage For Comment. Parties: N/A Signed By: Andrew Sharpe Chief Executive Officer (1 Copy)	04/11/2020																												
EDR20121550	Copy of Executed Document Item: N/A RE: Grant agreement for swimming enclosure replacement <table border="1"> <thead> <tr> <th>Year</th> <th>Grant</th> <th>COA</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>2020/21</td> <td>\$136,107 (2 X instalments)</td> <td>\$136,107</td> <td>\$272,214</td> </tr> <tr> <td>2021/22</td> <td>\$10,942</td> <td>\$10,942</td> <td>\$21,884</td> </tr> <tr> <td>2022/23</td> <td>\$10,942</td> <td>\$10,942</td> <td>\$21,884</td> </tr> <tr> <td>2023/24</td> <td>\$24,892</td> <td>\$24,892</td> <td>\$49,784</td> </tr> <tr> <td>2024/25</td> <td>\$10,942</td> <td>\$10,942</td> <td>\$21,844</td> </tr> <tr> <td>Total</td> <td>\$193,825</td> <td>\$193,825</td> <td>\$387,650</td> </tr> </tbody> </table> Parties: Department of Primary Industries and Regional Development Signed By: Andrew Sharpe Chief Executive Officer (1 copy)	Year	Grant	COA	Total	2020/21	\$136,107 (2 X instalments)	\$136,107	\$272,214	2021/22	\$10,942	\$10,942	\$21,884	2022/23	\$10,942	\$10,942	\$21,884	2023/24	\$24,892	\$24,892	\$49,784	2024/25	\$10,942	\$10,942	\$21,844	Total	\$193,825	\$193,825	\$387,650	11/11/2020
Year	Grant	COA	Total																											
2020/21	\$136,107 (2 X instalments)	\$136,107	\$272,214																											
2021/22	\$10,942	\$10,942	\$21,884																											
2022/23	\$10,942	\$10,942	\$21,884																											
2023/24	\$24,892	\$24,892	\$49,784																											
2024/25	\$10,942	\$10,942	\$21,844																											
Total	\$193,825	\$193,825	\$387,650																											

Document Number	Description	Date Sent / Received
EDR20121638	Copy Of Executed Document Item: N/A Re: Application for clearing permit for Bettys Beach Road Safety Improvement Parties: N/A Signed By: Andrew Sharpe Chief Executive Officer (1 copy)	12/11/2020
EDR20121642	Copy of Executed Document Item: N/A Re: Nomination of Prescribed Person Section 14 Road Traffic (Admin) Act 2008 and Regulation 7(2)(N) Road Traffic (Admin) Regs 2014 Parties: N/A Signed By: Andrew Sharpe Chief Executive Officer (1 copy)	12/11/2020
EDR20121643	Copy of Executed Document Item: N/A Re: Application only to the Department of Communities' Youth Week WA 2021 Grants for grant funding of the Youth Week WA 2021 Albany event. Total project cost: \$13,900, COA contribution: \$5,600 In kind, other contribution: \$5,300, funding requested: \$3,000 Parties: Application only Sign By: Andrew Sharpe Chief Executive Officer (1 copy)	12/11/2020
EDR20121645	Copy Of Executed Document Item: N/A Re: Prosecuting Officers Schedule. Nominations Fines Enforcement Registry Parties: N/A Signed By: Andrew Sharpe Chief Executive Officer (1 copy)	12/11/2020
NCSR20120425	Copy of Common Seal Document Item: Ordinary Council Meeting 11 August 2020 resolution CCS283 Re: The Council of the City of Albany resolved on 11 August 2020 to make the following Local Law: City of Albany Jetties, Bridges, Boat Pens, And Swimming Structures Local Law 2020. Attached is the prescribed explanatory memo to be sent to the joint standing committee on delegated legislation. Parties: N/A	19/10/2020

Document Number	Description	Date Sent / Received
	Signed By: Andrew Sharpe Chief Executive Officer and Dennis Wellington Mayor (1 copy)	
NCSR20120433	Copy of Common Seal Record Item: N/A Re: Section 70A WAPC 156390 97-99 Burgoyne Road, Port Albany. as per Condition 7 - a notification advising increased noise levels and other impacts from normal operations of the Port Parties: Aldo John Carbone and Natalie Anne Carbone of 15 O'Keefe Crescent Albion Park NSW and KDS Building Services Pty Ltd of 89 Bay View Drive Little Grove WA 6330 Signed By: Andrew Sharpe, Chief Executive Officer and Dennis Wellington, Mayor (1 copy)	19/10/2020
NCSR20120695	Copy of Common Seal Document Item: Ordinary Council Meeting 09 April 2020 SCM021 Re: Council at Special Council Meeting On 9 April 2020 approved temporary rent concessions to commercial, community, sporting and other not for profit tenancies. rent concession application assessed and approved. deed of variation for rent concession due to covid-19. Parties: Redacted Signed By: Andrew Sharpe Chief Executive Officer and Dennis Wellington Mayor (2 copies)	22/10/2020
NCSR20120861	Copy of Common Seal Document Item: N/A Re: Renewal of Lotteries House lease under Delegated Authority No: 2020:019. lease rental is \$5,171.04 per annum (inc gst). Deed of lease prepared at no cost to Council. Parties: Albany and Regional Volunteer Service Incorporated Signed By: Andrew Sharpe Chief Executive Officer (2 copies)	27/10/2020
NCSR20121314	Copy of Common Seal Document Item: N/A Re: The City of Albany requires stormwater drainage easements over two properties at 186 & 188 Middleton Road. The associated deeds of easement documents now require the signatures of the Mayor and CEO and affixing of the Common Seal.	05/11/2020

Document Number	Description	Date Sent / Received
	Parties: Joseph Lawrence and Ursula Maria Lawrence and Phillip Roger Griffiths and Paula Maree Griffiths Signed By: Andrew Sharpe And Dennis Wellington Mayor	
NCSR20121548	Copy Of Common Seal Document Item: N/A Re: Signing Of Contracts For C20013 - Construction Of Skate Plaza At Centennial Park Parties: Carving Concrete Construction Pty Ltd Signed By: Andrew Sharpe Chief Executive Officer And Dennis Wellington Mayor (2 Copies)	11/11/2020

**CITY OF ALBANY
TRUST, CHEQUES AND ELECTRONIC FUND TRANSFER PAYMENTS
FOR THE PERIOD ENDING 27 OCTOBER 2020**

CREDIT CARD TRANSACTIONS

DATE	PAYEE	DESCRIPTION	AMOUNT
29/09/2020	WPMU	Monthly Website Licence Key Fee	\$ 69.93
29/09/2020	Commonwealth Bank	International Transaction Fee	\$ 1.75
30/09/2020	Eventbrite	Ticket - State Budget Breakfast - Councillor Terry	\$ 25.00
1/10/2020	Nespresso	Coffee - Meeting Rooms	\$ 116.80
4/10/2020	Rezdy	Monthly Fees and Charges - Online Booking System - Anzac Centre	\$ 293.92
5/10/2020	Mailchimp	Monthly Subscription Charges - Media	\$ 294.52
6/10/2020	Dropbox	Monthly Subscription - Incident Management Team	\$ 210.00
6/10/2020	Eventbrite	Ticket - State Budget Breakfast - A Sharpe	\$ 25.00
6/10/2020	Eventbrite	Ticket - State Budget Breakfast - Mayor	\$ 25.00
6/10/2020	Regional Express	Flights - RCAWA Meeting - Mayor and A Sharpe	\$ 849.86
7/10/2020	ASIC	Business Name Renewal - Amazing South Coast	\$ 87.00
7/10/2020	Facebook	Facebook Campaigns	\$ 144.70
8/10/2020	Soundtrack Your Brand	Subscription - Music Service - ALAC Gym	\$ 35.04
8/10/2020	Commonwealth Bank	International Transaction Fee	\$ 0.88
9/10/2020	PSA Radical Fitness	ALAC - Kimax Music Subscription	\$ 19.95
11/10/2020	Swifttype.com	Monthly Search Engine Fees for Website	\$ 347.86
11/10/2020	Commonwealth Bank	International Transaction Fee	\$ 8.70
13/10/2020	Google Ads	Advertising - NAC Ticket Sales	\$ 0.38
13/10/2020	Skymesh	Internet Charges - Cape Riche	\$ 49.95
14/10/2020	Regional Express	Flights - WA Museum Visit - P Smith	\$ 424.92
15/10/2020	Boom Coffee	Meals - Meeting with Development WA - Mayor and A Sharpe	\$ 19.50
15/10/2020	Spotto WA	Taxi Fare - Meeting with Development WA - Mayor and A Sharpe	\$ 13.65
15/10/2020	SMP* The Executive Lounge	Meals - RCAWA Meeting - Mayor and A Sharpe	\$ 20.00
15/10/2020	Live Taxi Australia	Taxi Fares - RCAWA Meeting - Mayor and A Sharpe	\$ 51.55
15/10/2020	GM Cabs Pty Ltd	Taxi Fares - RCAWA Meeting - Mayor and A Sharpe	\$ 11.18
15/10/2020	Kmart Online	Cordless Vacuum Cleaner - Mercer Road Offices	\$ 119.00
15/10/2020	Petals Network	Floral Arrangement - Cr Doughty	\$ 88.90
16/10/2020	The Botanical Café	Meals - RCAWA Meeting - Mayor and A Sharpe	\$ 52.68
16/10/2020	Spotto WA	Taxi Fares - RCAWA Meeting - Mayor and A Sharpe	\$ 53.87
16/10/2020	Swan Taxi	Taxi Fares - RCAWA Meeting - Mayor and A Sharpe	\$ 13.65
16/10/2020	Later.com	Monthly - Social Media Scheduling Software	\$ 41.09
16/10/2020	Commonwealth Bank	International Transaction Fee	\$ 1.03
16/10/2020	GM Cabs Pty Ltd	Taxi Fares - RCAWA Meeting - Mayor and A Sharpe	\$ 17.85
16/10/2020	BJ Mcdonald & QSA	Accommodation - RCAWA Meeting - Mayor	\$ 171.75
16/10/2020	BJ Mcdonald & QSA	Accommodation - RCAWA Meeting - A Sharpe	\$ 190.95
19/10/2020	Trybooking	Tickets - ACCI Great Southern Business Awards - Mayor and Deputy Mayor and Partners	\$ 302.00
20/10/2020	Rezdy	Yearly Charge for Rezdy Account - Visitors Centre	\$ 15.73
21/10/2020	Little Italy Restaurant	Meals - Mayor, A Sharpe and Craig Dew (Dew Dallimore)	\$ 92.30
21/10/2020	Kate's Place	Refreshments - Offsite Meeting - A Sharpe and Internal Staff Member	\$ 8.30

**CITY OF ALBANY
TRUST, CHEQUES AND ELECTRONIC FUND TRANSFER PAYMENTS
FOR THE PERIOD ENDING 27 OCTOBER 2020**

CREDIT CARD TRANSACTIONS

DATE	PAYEE	DESCRIPTION	AMOUNT
21/10/2020	Regional Express	Flights - LG Professionals State Conference - L Harding	\$ 448.54
21/10/2020	WA Government DMIRS Online	Additional Licence Class - WA High Risk Licence	\$ 78.50
23/10/2020	Westnet	Annual Charge - Web Hosting - Bush Fire Brigades	\$ 161.49
24/10/2020	Zoom Aust	Video Conferencing Facility	\$ 160.95
24/10/2020	Envoyer	Monthly Website Change Fees	\$ 14.08
24/10/2020	Commonwealth Bank	International Transaction Fee	\$ 0.35
			\$ 5,180.05

**CITY OF ALBANY
TRUST, CHEQUES AND ELECTRONIC FUND TRANSFER PAYMENTS
FOR THE PERIOD ENDING 15 NOVEMBER 2020**

PAYROLL TRANSACTIONS

DATE	DESCRIPTION	AMOUNT
22/10/2020	Salaries	\$ 576,614.55
28/10/2020	Superannuation	\$ 104,097.34
5/11/2020	Salaries	\$ 588,421.73
6/11/2020	Superannuation	\$ 106,483.95
	TOTAL	\$ 1,375,617.57

CHEQUE TRANSACTIONS

CHEQUE	DATE	NAME	DESCRIPTION	AMOUNT
32624	29/10/2020	DEPARTMENT OF TRANSPORT	Amazing South Coast Plates	\$ 400.00
32625	29/10/2020	COMMISSIONER OF STATE REVENUE	Rates Refund	\$ 44.46
32627	29/10/2020	TELSTRA CORPORATION LIMITED	Telephone Charges	\$ 202,483.27
32628	05/11/2020	I ANDERSON	Crossover Subsidy	\$ 190.94
32629	05/11/2020	PIVOTEL SATELLITE PTY LIMITED	Satellite Phone Charges	\$ 248.00
32630	12/11/2020	PIVOTEL SATELLITE PTY LIMITED	Satellite Phone Charges	\$ 333.00
				\$ 203,699.67

**CITY OF ALBANY
TRUST, CHEQUES AND ELECTRONIC FUND TRANSFER PAYMENTS
FOR THE PERIOD ENDING 15 NOVEMBER 2020**

ELECTRONIC FUND TRANSFER PAYMENTS

EFT	DATE	NAME	DESCRIPTION	AMOUNT
EFT145833	22/10/2020	1800 SANITIZE PTY LTD	Supply Sanitising Products	\$ 651.20
EFT145987	29/10/2020	4 STEEL SUPPLIES	Plant Equipment	\$ 75.90
EFT146133	05/11/2020	4 STEEL SUPPLIES	Gal Pipe - Traffic Signs	\$ 1,985.11
EFT146177	12/11/2020	56 SOUTH PTY LTD	Pit Repairs - Cockburn Road and Lockyer Avenue	\$ 165.00
EFT146246	12/11/2020	A MCEWAN	Staff Reimbursement	\$ 66.00
EFT146015	05/11/2020	A1 SANDBLASTING	Works - Middleton Beach Foreshore Enhancement	\$ 489.50
EFT145870	29/10/2020	ACME DRYCLEANER & LAUNDRY SERVICES	Dry Cleaning Services - Uniforms	\$ 148.00
EFT146016	05/11/2020	ACORN TREES AND STUMPS	Chipping and Grinding Services C19014	\$ 1,767.70
EFT146164	12/11/2020	ACTIVATE LIFE REHAB PROGRAM	Better Ageing Project - Condor Club	\$ 150.00
EFT145736	22/10/2020	AD CONTRACTORS PTY LTD	Equipment Hire C19007 and Road Supplies C20003	\$ 19,518.73
EFT145871	29/10/2020	AD CONTRACTORS PTY LTD	Road Supplies C20003	\$ 1,386.00
EFT146018	05/11/2020	AD CONTRACTORS PTY LTD	Road Supplies C20003, Equip Hire C19007, Airport Trunk Drain C18024	\$ 11,731.54
EFT146165	12/11/2020	AD CONTRACTORS PTY LTD	Equipment Hire C19007	\$ 4,118.44
EFT145754	22/10/2020	ADVANCED TRAFFIC MANAGEMENT WA PTY LTD	Provision of Traffic Control - C17014	\$ 10,106.73
EFT145893	29/10/2020	ADVANCED TRAFFIC MANAGEMENT WA PTY LTD	Provision of Traffic Control - C17014	\$ 8,068.55
EFT146037	05/11/2020	ADVANCED TRAFFIC MANAGEMENT WA PTY LTD	Provision of Traffic Control - C17014	\$ 4,742.88
EFT146187	12/11/2020	ADVANCED TRAFFIC MANAGEMENT WA PTY LTD	Provision of Traffic Control - C17014	\$ 13,740.29
EFT145737	22/10/2020	ADVERTISER PRINT	Printing Services	\$ 340.00
EFT146019	05/11/2020	ADVERTISER PRINT	Printing Services	\$ 94.00
EFT146043	05/11/2020	AIR BP	Fuel Supplies	\$ 924.04
EFT146059	05/11/2020	AJ CURRALL	Rates Refund	\$ 2,396.78
EFT146058	05/11/2020	AL CURNOW HYDRAULICS	Repairs and Maintenance - Plant Equipment	\$ 46.37
EFT145744	22/10/2020	ALBANY & DISTRICTS CRICKET ASSOCIATION	Community Funding	\$ 3,000.00
EFT145864	22/10/2020	ALBANY & GREAT SOUTHERN WEEKENDER	Advertising	\$ 2,733.00
EFT146008	29/10/2020	ALBANY & GREAT SOUTHERN WEEKENDER	Advertising	\$ 1,497.00
EFT146153	05/11/2020	ALBANY & GREAT SOUTHERN WEEKENDER	Advertising	\$ 209.00
EFT146288	12/11/2020	ALBANY & GREAT SOUTHERN WEEKENDER	Advertising	\$ 4,911.55
EFT145742	22/10/2020	ALBANY AGRICULTURAL SOCIETY INCORPORATED	Community Funding	\$ 3,125.71
EFT146172	12/11/2020	ALBANY AGRICULTURAL SOCIETY INCORPORATED	Volunteer Bush Fire Brigade Site Hire - Spring Fair	\$ 500.00
EFT146077	05/11/2020	ALBANY ASPHALT SERVICES	Asphalt Works - C18010	\$ 17,764.50
EFT146217	12/11/2020	ALBANY ASPHALT SERVICES	Asphalt Works - C18010	\$ 9,850.00
EFT145743	22/10/2020	ALBANY AUTO ONE	Fleet Car Parts	\$ 490.00
EFT146024	05/11/2020	ALBANY AUTO ONE	Fleet Car Parts	\$ 897.08
EFT146128	05/11/2020	ALBANY CARPET COURT	Floor Coverings - Centennial Sporting Shed	\$ 1,962.50
EFT145883	29/10/2020	ALBANY CENTRAL CABINETS PTY LTD	Carpentry Work - Lotteries House	\$ 396.00
EFT145877	29/10/2020	ALBANY CHAMBER OF COMMERCE AND INDUSTRY INC	Town Teams Funding	\$ 5,000.00
EFT145814	22/10/2020	ALBANY CITY MOTORS	Registration Charges - Plant	\$ 317.60
EFT145954	29/10/2020	ALBANY CITY MOTORS	Vehicle Maintenance/Parts	\$ 55.43
EFT146094	05/11/2020	ALBANY CITY MOTORS	Vehicle Maintenance/Parts	\$ 145.20
EFT145884	29/10/2020	ALBANY COMMUNITY FOUNDATION	Payroll Deductions	\$ 5.00
EFT146030	05/11/2020	ALBANY COMMUNITY FOUNDATION	Payroll Deductions	\$ 2,500.00
EFT146176	12/11/2020	ALBANY COMMUNITY FOUNDATION	Payroll Deductions	\$ 5.00
EFT145875	29/10/2020	ALBANY COMMUNITY HOSPICE	Payroll Deductions	\$ 25.00
EFT146171	12/11/2020	ALBANY COMMUNITY HOSPICE	Payroll Deductions	\$ 25.00

**CITY OF ALBANY
TRUST, CHEQUES AND ELECTRONIC FUND TRANSFER PAYMENTS
FOR THE PERIOD ENDING 15 NOVEMBER 2020**

ELECTRONIC FUND TRANSFER PAYMENTS

EFT	DATE	NAME	DESCRIPTION	AMOUNT
EFT145958	29/10/2020	ALBANY COMMUNITY PHARMACY	Face Masks/Gloves	\$ 119.00
EFT145813	22/10/2020	ALBANY EVENT HIRE	Equipment Hire	\$ 5,278.24
EFT145880	29/10/2020	ALBANY GOLF CLUB	Gift Voucher - Albany Airport Services	\$ 200.00
EFT146028	05/11/2020	ALBANY HORSEWORLD	Horse Halter - Rangers	\$ 119.90
EFT145876	29/10/2020	ALBANY INDOOR PLANT HIRE AND SALES	Indoor Plant Hire	\$ 424.60
EFT146029	05/11/2020	ALBANY IRRIGATION & DRILLING	Irrigation Parts	\$ 3,662.65
EFT145847	22/10/2020	ALBANY LOCK & SECURITY	Lock Services - Various	\$ 941.70
EFT145990	29/10/2020	ALBANY LOCK & SECURITY	Lock Services - Various	\$ 705.75
EFT146134	05/11/2020	ALBANY LOCK & SECURITY	Lock Services - Various	\$ 1,757.00
EFT146278	12/11/2020	ALBANY LOCK & SECURITY	Lock Services - Various	\$ 2,572.65
EFT145818	22/10/2020	ALBANY MENSHEID INC	Supply of Materials for Free Libraries	\$ 500.00
EFT146027	05/11/2020	ALBANY MILK DISTRIBUTORS	Milk Deliveries	\$ 793.24
EFT145879	29/10/2020	ALBANY MONUMENTAL MASONS	Supply Granite Slab - Middleton Beach Coastal Enhancement	\$ 1,485.00
EFT145835	22/10/2020	ALBANY OCEAN ADVENTURES & SILVER STAR CRUISES	AVC - Tours Sold on Consignment	\$ 2,524.50
EFT146126	05/11/2020	ALBANY OCEAN ADVENTURES & SILVER STAR CRUISES	AVC - Tours Sold on Consignment	\$ 2,524.50
EFT145745	22/10/2020	ALBANY OFFICE PRODUCTS DEPOT	Stationery Supplies Q20040	\$ 5,280.60
EFT145882	29/10/2020	ALBANY OFFICE PRODUCTS DEPOT	Stationery Supplies Q20040	\$ 8,942.11
EFT146025	05/11/2020	ALBANY OFFICE PRODUCTS DEPOT	Stationery Supplies Q20040	\$ 20,669.75
EFT146174	12/11/2020	ALBANY OFFICE PRODUCTS DEPOT	Stationery Supplies Q20040	\$ 1,529.12
EFT145878	29/10/2020	ALBANY PANEL BEATERS AND SPRAY PAINTERS	Fleet Repairs	\$ 88.00
EFT145965	29/10/2020	ALBANY PLUMBING AND GAS	Plumbing Services - C17020	\$ 5,623.96
EFT146112	05/11/2020	ALBANY PLUMBING AND GAS	Plumbing Services - C17020	\$ 6,649.49
EFT145873	29/10/2020	ALBANY PRINTERS	Printing Services	\$ 63.95
EFT146168	12/11/2020	ALBANY PRINTERS	Printing Services	\$ 45.00
EFT146175	12/11/2020	ALBANY QUALITY LAWNMOWING	Lawnmowing Services - Lotteries House	\$ 220.00
EFT146031	05/11/2020	ALBANY RECORDS MANAGEMENT	Archiving Services	\$ 935.00
EFT146023	05/11/2020	ALBANY SCREENPRINTERS	Screen Printing - Safety Vests	\$ 62.00
EFT146173	12/11/2020	ALBANY SCREENPRINTERS	Screen Printing - Safety Vests	\$ 497.00
EFT146199	12/11/2020	ALBANY SIGNS	Signage - Door Insert	\$ 55.00
EFT145741	22/10/2020	ALBANY STATIONERS OFFICE CHOICE	Stationery Supplies	\$ 319.00
EFT145874	29/10/2020	ALBANY SWEEP CLEAN	Sweeping Services C18007	\$ 1,741.00
EFT146021	05/11/2020	ALBANY SWEEP CLEAN	Sweeping Services C18007	\$ 1,380.00
EFT146170	12/11/2020	ALBANY SWEEP CLEAN	Sweeping Services C18007	\$ 1,504.00
EFT145738	22/10/2020	ALBANY TOYOTA	Fleet Servicing - Q20003	\$ 555.26
EFT145872	29/10/2020	ALBANY TOYOTA	Fleet Servicing - Q20003	\$ 22.68
EFT146020	05/11/2020	ALBANY TOYOTA	Fleet Servicing - Q20003	\$ 570.13
EFT146167	12/11/2020	ALBANY TOYOTA	Fleet Servicing - Q20003	\$ 378.25
EFT145740	22/10/2020	ALBANY TV SERVICES	TV Repairs - LGS BFB	\$ 1,452.00
EFT145857	22/10/2020	ALBANY TYREPOWER	Tyre Services - Fleet Q19001	\$ 140.00
EFT146001	29/10/2020	ALBANY TYREPOWER	Tyre Services - Fleet Q19001	\$ 2,817.00
EFT146146	05/11/2020	ALBANY TYREPOWER	Tyre Services - Fleet Q19001	\$ 113.00
EFT146169	12/11/2020	ALBANY V-BELT AND RUBBER	Material Supply - Hose	\$ 205.92
EFT146003	29/10/2020	ALBANY VETERINARY HOSPITAL PTY LTD	Veterinary Services	\$ 80.00
EFT146285	12/11/2020	ALBANY VETERINARY HOSPITAL PTY LTD	Veterinary Services	\$ 80.00

**CITY OF ALBANY
TRUST, CHEQUES AND ELECTRONIC FUND TRANSFER PAYMENTS
FOR THE PERIOD ENDING 15 NOVEMBER 2020**

ELECTRONIC FUND TRANSFER PAYMENTS

EFT	DATE	NAME	DESCRIPTION	AMOUNT
EFT145881	29/10/2020	ALBANY WINDOWS	Window Supplies	\$ 5,278.00
EFT146232	12/11/2020	ALBANY WORKLINK EMPLOYMENT AND TRAINING	Sponsorship - Scuba Dive Diversiory	\$ 3,000.00
EFT145885	29/10/2020	ALINTA	Gas Charges	\$ 30.95
EFT146178	12/11/2020	ALINTA	Gas Charges	\$ 38.05
EFT145929	29/10/2020	ALISON GOODE	Councillor Allowances and Sitting Fees	\$ 2,407.68
EFT145886	29/10/2020	ALL EVENTS HIRE AND PRODUCTION	Lighting Hire - VAC Exhibition	\$ 66.00
EFT145788	22/10/2020	ALL TRUCK REPAIRS	Annual Service - Volunteer Fire Brigade Vehicles Q19037	\$ 6,566.30
EFT146213	12/11/2020	ALL TRUCK REPAIRS	Annual Service - Volunteer Fire Brigade Vehicles Q19037	\$ 10,094.16
EFT145762	22/10/2020	AMPOL AUSTRALIA PETROLEUM PTY LTD	Fuel Supplies	\$ 14,383.05
EFT145900	29/10/2020	AMPOL AUSTRALIA PETROLEUM PTY LTD	Fuel Supplies	\$ 7,753.33
EFT146047	05/11/2020	AMPOL AUSTRALIA PETROLEUM PTY LTD	Fuel Supplies	\$ 9,715.95
EFT145782	22/10/2020	ANGELA EDWARDS	Cleaning Services Q18034	\$ 564.00
EFT146069	05/11/2020	ANGELA EDWARDS	Cleaning Services Q18034	\$ 1,051.00
EFT145747	22/10/2020	ANNETTE DAVIS	Curatorial Services - 40 Years VAC	\$ 4,000.00
EFT146163	12/11/2020	ARRB GROUP LTD	Falling Weight Deflectometer Testing - Sanford Road	\$ 78,421.75
EFT146180	12/11/2020	ASP ALLOY AND STAINLESS PRODUCTS	Plant Supplies - Blades	\$ 2,099.83
EFT145748	22/10/2020	ATC WORK SMART	Casual Staff/Apprentice Fees	\$ 2,431.32
EFT145888	29/10/2020	ATC WORK SMART	Casual Staff/Apprentice Fees	\$ 378.18
EFT146032	05/11/2020	ATC WORK SMART	Casual Staff/Apprentice Fees	\$ 3,132.99
EFT146181	12/11/2020	ATC WORK SMART	Casual Staff/Apprentice Fees	\$ 189.09
EFT145749	22/10/2020	ATI AUSTRALIA PTY LIMITED	Hardware Licence - Radio Support	\$ 19,577.25
EFT145751	22/10/2020	AUSCOINSWEST	Stock Forts Store	\$ 253.55
EFT146184	12/11/2020	AUSCOINSWEST	Stock Forts Store	\$ 495.00
EFT145750	22/10/2020	AUSTRALIA POST	Postal Charges Sept 2020	\$ 3,928.74
EFT146033	05/11/2020	AUSTRALIAN FACILITATION COMPANY	Consultation Services - Rebuilding Economy Workshop	\$ 957.00
EFT145891	29/10/2020	AUSTRALIAN SERVICES UNION WA BRANCH	Payroll Deductions	\$ 1,448.30
EFT146183	12/11/2020	AUSTRALIAN SERVICES UNION WA BRANCH	Payroll Deductions	\$ 1,448.30
EFT145890	29/10/2020	AUSTRALIAN TAXATION OFFICE	Payroll Deductions	\$ 164,113.22
EFT146182	12/11/2020	AUSTRALIAN TAXATION OFFICE	Payroll Deductions	\$ 167,716.22
EFT145892	29/10/2020	AUSTRALIA'S SOUTH WEST INCORPORATED	Marketing Services - Amazing South Coast Digital Assets	\$ 44,000.00
EFT145889	29/10/2020	AUSWEST 4WD DISMANTLERS	Fleet Car Parts	\$ 110.00
EFT146185	12/11/2020	BADGEMATE	Staff Uniforms - Badges	\$ 39.22
EFT146034	05/11/2020	BALL BODY BUILDERS	Fire Truck Repairs/Maintenance	\$ 1,064.25
EFT146036	05/11/2020	BELL ART AUSTRALIA	Stock - Visitor Centre	\$ 432.32
EFT145753	22/10/2020	BENNETTS BATTERIES	Battery Supplies	\$ 2,824.80
EFT145755	22/10/2020	BEST OFFICE SYSTEMS	Printer Repairs and Maintenance - P16002	\$ 7,832.00
EFT146136	05/11/2020	BEVERLEY COLLIER - SUSTAINABLE MOTION	Long Live You Programme - ALAC	\$ 200.00
EFT145927	29/10/2020	BILL GIBBS EXCAVATIONS	Plant Equipment Hire C19007	\$ 3,252.11
EFT146040	05/11/2020	BLACK AND WHITE CONCRETING	Concrete Supplies Q19053	\$ 5,112.00
EFT146042	05/11/2020	BLUECOAST CONSULTING ENGINEERS PTY LTD	Detailed Design Services - Albany Artificial Surf Reef	\$ 13,560.80
EFT145756	22/10/2020	BOC GASES AUSTRALIA LIMITED	Gas Container Hire	\$ 119.46
EFT145757	22/10/2020	BP BIRD PLUMBING & GAS PTY LTD	Plant Service/Maintenance	\$ 104.00
EFT145962	29/10/2020	BRAYDEN JOHN PARKER	Lawn Mowing Services - Daycare	\$ 242.00
EFT146192	12/11/2020	BUDGET RENT A CAR	Car Hire - Perth	\$ 150.79

**CITY OF ALBANY
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FOR THE PERIOD ENDING 15 NOVEMBER 2020**

ELECTRONIC FUND TRANSFER PAYMENTS

EFT	DATE	NAME	DESCRIPTION	AMOUNT
EFT145897	29/10/2020	BULLSEYE PLUMBING & GAS	Plumbing Services - Q19042	\$ 600.00
EFT145758	22/10/2020	BUNNINGS GROUP LIMITED	Assorted Hardware Supplies	\$ 227.76
EFT145898	29/10/2020	BUNNINGS GROUP LIMITED	Assorted Hardware Supplies	\$ 450.88
EFT146045	05/11/2020	BUNNINGS GROUP LIMITED	Assorted Hardware Supplies	\$ 404.23
EFT146191	12/11/2020	BUNNINGS GROUP LIMITED	Assorted Hardware Supplies	\$ 7,176.77
EFT145759	22/10/2020	BUSY BLUE BUS	Ticket Sales - Tours	\$ 718.07
EFT146238	12/11/2020	C & K LAMOND	Crossover Subsidy	\$ 302.84
EFT145899	29/10/2020	C&C MACHINERY CENTRE	Plant Vehicle Parts	\$ 64.00
EFT146193	12/11/2020	C&C MACHINERY CENTRE	Plant Vehicle Parts	\$ 368.80
EFT145979	29/10/2020	CA SMALL	Refund - Swimming Lessons	\$ 116.10
EFT145761	22/10/2020	CABCHARGE AUSTRALIA LIMITED	Taxi Fares	\$ 173.78
EFT146150	05/11/2020	CAITLIN WALKER	Long Live You Programme - Pilates ALAC	\$ 450.00
EFT146091	05/11/2020	CALTEX ENERGY WA	Kerosene Supplies	\$ 600.00
EFT146239	12/11/2020	CALTEX ENERGY WA	Kerosene Supplies	\$ 600.00
EFT145763	22/10/2020	CAMLYN SPRINGS	Water Refills - Waste	\$ 266.00
EFT145901	29/10/2020	CAMTRANS ALBANY PTY LTD	Supply/Deliver Flagstones - Middleton Beach Coastal Project	\$ 5,200.00
EFT145998	29/10/2020	CAROLYN FRANCES TRAPNELL	Stock - Forts Store	\$ 710.00
EFT145767	22/10/2020	CENTENNIAL STADIUM INC	Window Cleaning Charges	\$ 42.90
EFT145766	22/10/2020	CENTIGRADE SERVICES PTY LTD	Maintenance Works Q20004	\$ 3,871.60
EFT145904	29/10/2020	CENTIGRADE SERVICES PTY LTD	Maintenance Works C18014	\$ 2,038.33
EFT146049	05/11/2020	CENTIGRADE SERVICES PTY LTD	Maintenance Works C18014	\$ 975.60
EFT146195	12/11/2020	CENTIGRADE SERVICES PTY LTD	Maintenance Works C18014	\$ 9,294.56
EFT146061	05/11/2020	CGS QUALITY CLEANING	Cleaning Services C14036	\$ 16,397.25
EFT146203	12/11/2020	CGS QUALITY CLEANING	Cleaning Services C14036	\$ 60,114.40
EFT145905	29/10/2020	CHILD SUPPORT AGENCY	Payroll Deductions	\$ 664.53
EFT146196	12/11/2020	CHILD SUPPORT AGENCY	Payroll Deductions	\$ 721.83
EFT145996	29/10/2020	CHRIS THOMSON	Councillor Allowances and Sitting Fees	\$ 2,407.68
EFT146179	12/11/2020	CHRISTIE PARKSAFE	Public Amenity Repairs and Maintenance - BBQ's	\$ 802.03
EFT145768	22/10/2020	CHRISTOPHER BURNELL	Stone Masonry Works - Middleton Beach Enhancement	\$ 16,139.00
EFT145906	29/10/2020	CIRCUITWEST INC	WA Showcase Enrolment - VAC	\$ 528.00
EFT146050	05/11/2020	CLAUDIA SIMPSON	Better Ageing Project - Zumba Classes	\$ 2,472.00
EFT145769	22/10/2020	CLEANAWAY PTY LIMITED	Waste Collection P14021	\$ 6,512.93
EFT146052	05/11/2020	CLEANAWAY PTY LIMITED	Waste Collection P14021	\$ 189,209.34
EFT146157	05/11/2020	CN WIGNALL	Rates Refund	\$ 842.60
EFT146022	05/11/2020	COASTAL CRANES ALBANY	Crane Hire	\$ 1,171.50
EFT145907	29/10/2020	COASTLINE GARAGE DOORS AND GATES	Remote Control - Airport	\$ 110.00
EFT145802	22/10/2020	CODY HULKES	Mural Works - Laneways Project	\$ 800.00
EFT145770	22/10/2020	COLES SUPERMARKETS AUSTRALIA PTY LTD	Groceries - Various	\$ 434.78
EFT145908	29/10/2020	COLES SUPERMARKETS AUSTRALIA PTY LTD	Groceries - Various	\$ 84.49
EFT146054	05/11/2020	COLES SUPERMARKETS AUSTRALIA PTY LTD	Groceries - Various	\$ 177.69
EFT146198	12/11/2020	COLES SUPERMARKETS AUSTRALIA PTY LTD	Groceries - Various	\$ 40.59
EFT145910	29/10/2020	COLLABORATIVE WORLD CONSULTANTS	Electrical Engineer Services - Albany Youth Challenge Park	\$ 1,100.00
EFT145911	29/10/2020	CONSTRUCTION EQUIPMENT AUSTRALIA	Plant Parts/Maintenance	\$ 143.00
EFT146189	12/11/2020	CONSTRUCTION TRAINING FUND	BCITF Levy	\$ 2,294.28

**CITY OF ALBANY
TRUST, CHEQUES AND ELECTRONIC FUND TRANSFER PAYMENTS
FOR THE PERIOD ENDING 15 NOVEMBER 2020**

ELECTRONIC FUND TRANSFER PAYMENTS

EFT	DATE	NAME	DESCRIPTION	AMOUNT
EFT145792	22/10/2020	CORPORATE FIRST AID AUSTRALIA	First Aid Training Courses	\$ 1,639.00
EFT146240	12/11/2020	CORPS SUTLER	Costume Uniforms - NAC	\$ 1,603.80
EFT145771	22/10/2020	CREATIVE ALBANY INCORPORATED	Community Funding Programme	\$ 3,000.00
EFT146055	05/11/2020	CREATIVE PLAYING	Stock - Forts Store	\$ 1,485.42
EFT145896	29/10/2020	CT BOYETT	Rates Refund	\$ 333.07
EFT146057	05/11/2020	CULTURE COUNTS AUSTRALIA PTY LTD	Consultancy Services - Library	\$ 2,200.00
EFT146202	12/11/2020	D & K ENGINEERING	Repairs to Hooklift Bins	\$ 370.70
EFT146098	05/11/2020	D MORRIS	Rates Refund	\$ 839.70
EFT145856	22/10/2020	D TURPIN	Refund - Cancelled Programme ALAC	\$ 44.00
EFT146228	12/11/2020	DANIEL IAN HOATH	Tutoring Services - Youth Strategy	\$ 450.00
EFT145774	22/10/2020	DATA #3 LIMITED	Microsoft Software Renewal 2020	\$ 34,871.77
EFT145914	29/10/2020	DATA #3 LIMITED	Microsoft Software Renewal 2020	\$ 134,687.39
EFT146060	05/11/2020	DAVID MARTIN ELECTRICAL CONTRACTOR	Electrical Services - LGGS BFB	\$ 792.00
EFT146186	12/11/2020	DAYNA BASTIAN	Nursing Services - VAC Open Day	\$ 150.00
EFT146009	29/10/2020	DENNIS WELLINGTON	Mayoral Allowances and Sitting Fees	\$ 9,447.05
EFT146063	05/11/2020	DEPARTMENT OF BIODIVERSITY CONSERVATION AND ATTRACTIONS	Park Passes	\$ 6,657.57
EFT145924	29/10/2020	DEPARTMENT OF FIRE AND EMERGENCY SERVICES	ESL 2020/2021	\$ 40,293.61
EFT146190	12/11/2020	DEPARTMENT OF MINES, INDUSTRY REGULATION AND SAFETY	BSL Collected Levy October 2020	\$ 28,780.37
EFT146205	12/11/2020	DEPARTMENT OF PLANNING, LANDS AND HERITAGE	Planning Application Review - RJDAP	\$ 5,603.00
EFT145776	22/10/2020	DEPARTMENT OF TRANSPORT	Disclosure of Information	\$ 200.60
EFT145777	22/10/2020	DESIGNER DIRT PTY LTD	Stock - Forts Store	\$ 560.00
EFT146292	12/11/2020	DIANNE LYN WOLFER	Creative Enterprise Grant Funding	\$ 1,965.00
EFT145779	22/10/2020	DISCOVERY BAY TOURISM PRECINCT LTD	ASC Pass - Visitor Centre	\$ 2,793.95
EFT146095	05/11/2020	DJ MARTIN	Rates Refund	\$ 151.36
EFT145917	29/10/2020	DJL ELECTRICAL	Electrical Services Q18051	\$ 4,105.15
EFT146066	05/11/2020	DJL ELECTRICAL	Electrical Services Q18051	\$ 366.30
EFT146207	12/11/2020	DJL ELECTRICAL	Electrical Services Q18051	\$ 363.12
EFT145977	29/10/2020	DM SHANKS	Rates Refund	\$ 384.65
EFT146208	12/11/2020	DOG ROCK MOTEL	Accommodation - Museum Visit	\$ 448.20
EFT145780	22/10/2020	DOGGY DOO CLEANUPS	Animal Hygiene Services - Q19033	\$ 195.00
EFT146067	05/11/2020	DOGGY DOO CLEANUPS	Animal Hygiene Services - Q19033	\$ 390.00
EFT146209	12/11/2020	DOGGY DOO CLEANUPS	Animal Hygiene Services - Q19033	\$ 230.00
EFT145902	29/10/2020	DONNA CAMERON DESIGN	Design and Print Services - Posters VAC	\$ 3,289.00
EFT145781	22/10/2020	DORALANE PASTRIES	Catering	\$ 654.40
EFT145772	22/10/2020	DOWNER EDI WORKS PTY LTD	Coldmix Supplies	\$ 534.86
EFT146004	29/10/2020	E WALLEFELD	Refund Cancelled Swimming Lessons	\$ 102.90
EFT145919	29/10/2020	EASI PACKAGING PTY LTD	Payroll Deductions	\$ 11,720.31
EFT146210	12/11/2020	EASI PACKAGING PTY LTD	Payroll Deductions	\$ 6,065.23
EFT146068	05/11/2020	EDEN GATE ESTATE	Stock - Visitor Centre	\$ 69.00
EFT145855	22/10/2020	ELEMENT ADVISORY PTY LTD	Professional Services Tourism Strategy	\$ 3,270.30
EFT145920	29/10/2020	ELMO SOFTWARE LIMITED	Annual Software Licence P19032	\$ 65,912.00
EFT145918	29/10/2020	EMMA DOUGHTY	Councillor Allowances and Sitting Fees	\$ 2,407.68
EFT145861	22/10/2020	ERIKA VORSTER	Re-Imbursement Car Wash	\$ 36.00
EFT146276	12/11/2020	ERIN LEAH SPROULE	Netball Co-Ordinator fees - ALAC	\$ 1,040.00

**CITY OF ALBANY
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ELECTRONIC FUND TRANSFER PAYMENTS

EFT	DATE	NAME	DESCRIPTION	AMOUNT
EFT145784	22/10/2020	ES2 PTY LTD	External Penetration Test for City of Albany	\$ 7,700.00
EFT145785	22/10/2020	ESRI AUSTRALIA PTY LTD	LG Access Program P18022	\$ 83,556.00
EFT145921	29/10/2020	E-STRALIAN PTY LTD	E-Bike Lease	\$ 258.67
EFT146211	12/11/2020	E-STRALIAN PTY LTD	E-Bike Lease	\$ 258.67
EFT145786	22/10/2020	ETS VEGETATION MANAGEMENT	Vegetation Works C19014	\$ 2,750.00
EFT145922	29/10/2020	EVERTRANS	Supply Parts for Plant Equipment	\$ 7,685.70
EFT145787	22/10/2020	EYERITE SIGNS	Signage Services	\$ 159.50
EFT145923	29/10/2020	EYERITE SIGNS	Signage Services	\$ 1,067.00
EFT146070	05/11/2020	EYERITE SIGNS	Signage Services	\$ 572.00
EFT145926	29/10/2020	FLINDERS PARK PRIMARY SCHOOL	Donation - Year 6 Leadership Award	\$ 50.00
EFT145925	29/10/2020	FLIPS ELECTRICS	Electrical Services - Testing NAC Pump Station	\$ 345.00
EFT145789	22/10/2020	FOXTEL MANAGEMENT PTY LTD	Subscription	\$ 806.67
EFT146214	12/11/2020	FOXTEL MANAGEMENT PTY LTD	Subscription	\$ 440.00
EFT145790	22/10/2020	FREEDOM EXERCISE PHYSIOLOGY	Long Live You Program	\$ 990.00
EFT146072	05/11/2020	FREEDOM EXERCISE PHYSIOLOGY	Long Live You Program	\$ 700.00
EFT146073	05/11/2020	FRONTLINE FIRE & RESCUE EQUIPMENT	PPE Supplies	\$ 4,093.03
EFT146124	05/11/2020	G & L SHEETMETAL	Sheetmetal Supplies - Day Care	\$ 277.20
EFT145778	22/10/2020	G AND M DETERGENTS AND HYGIENE SERVICES ALBANY	Cleaning Products Q18037	\$ 1,114.59
EFT145915	29/10/2020	G AND M DETERGENTS AND HYGIENE SERVICES ALBANY	Cleaning Products Q18037	\$ 1,321.17
EFT146064	05/11/2020	G AND M DETERGENTS AND HYGIENE SERVICES ALBANY	Cleaning Products Q18037	\$ 84.60
EFT146206	12/11/2020	G AND M DETERGENTS AND HYGIENE SERVICES ALBANY	Cleaning Products Q18037	\$ 1,287.42
EFT146002	29/10/2020	GA & KD WHYATT	Fencing Works	\$ 1,167.00
EFT146074	05/11/2020	GALLERY 500	Art Supplies - Workshop	\$ 85.00
EFT146215	12/11/2020	GALLERY WORKS	Banners - VAC 40TH Anniversary	\$ 985.00
EFT145862	22/10/2020	GG WALKER	Rates Refund	\$ 276.44
EFT145936	29/10/2020	GHD PTY LTD	EPA & DPLH Resubmissions - Motorsports	\$ 831.60
EFT146081	05/11/2020	GHD PTY LTD	Consultancy Services - Albany Motor Sports Park	\$ 1,120.74
EFT146076	05/11/2020	GLOBAL INTEGRATED SOLUTIONS LIMITED	Monthly Fee - Carpark and Ticket Machine	\$ 19.14
EFT146216	12/11/2020	GLOBAL INTEGRATED SOLUTIONS LIMITED	Monthly Fee - Carpark and Ticket Machine	\$ 254.52
EFT145797	22/10/2020	GREAT SOUTHERN BOUNDARIES	Fencing Supplies C18006	\$ 3,432.00
EFT146225	12/11/2020	GREAT SOUTHERN BOUNDARIES	Fencing Supplies C18006	\$ 1,880.00
EFT146080	05/11/2020	GREAT SOUTHERN CENTRE FOR OUTDOOR RECREATION EXCELLENCE	Marketing Services Q19039	\$ 5,300.00
EFT146226	12/11/2020	GREAT SOUTHERN CENTRE FOR OUTDOOR RECREATION EXCELLENCE	Marketing Services Q19039	\$ 5,300.00
EFT146224	12/11/2020	GREAT SOUTHERN DISTILLING COMPANY PTY LTD	Hand Sanitiser	\$ 95.00
EFT145935	29/10/2020	GREAT SOUTHERN LIQUID WASTE	Liquid Waste Annual Service - Q20012	\$ 4,122.50
EFT145794	22/10/2020	GREAT SOUTHERN PEST & WEED CONTROL	Pest Control Services - Q19026	\$ 1,933.00
EFT145931	29/10/2020	GREAT SOUTHERN PEST & WEED CONTROL	Pest Control Services - Q19026	\$ 2,900.00
EFT146219	12/11/2020	GREAT SOUTHERN PEST & WEED CONTROL	Pest Control Services - Q19026	\$ 225.00
EFT145795	22/10/2020	GREAT SOUTHERN SAND AND LANDSCAPING SUPPLIES	Equipment Hire C19007	\$ 6,732.00
EFT145932	29/10/2020	GREAT SOUTHERN SAND AND LANDSCAPING SUPPLIES	Equipment Hire C19007	\$ 4,207.50
EFT145796	22/10/2020	GREAT SOUTHERN SUPPLIES	Cleaning Supplies Q19006	\$ 1,569.10
EFT145933	29/10/2020	GREAT SOUTHERN SUPPLIES	Cleaning Supplies Q19006	\$ 5,552.15
EFT146079	05/11/2020	GREAT SOUTHERN SUPPLIES	Cleaning Supplies Q19006 and Uniforms Q20019	\$ 732.90
EFT146222	12/11/2020	GREAT SOUTHERN SUPPLIES	Cleaning Supplies Q19006	\$ 807.15

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EFT	DATE	NAME	DESCRIPTION	AMOUNT
EFT145934	29/10/2020	GREAT SOUTHERN TURF	Turf Supplies C18001	\$ 8,646.00
EFT146221	12/11/2020	GREEN RANGE COUNTRY CLUB INC	Community Donation	\$ 5,000.00
EFT145793	22/10/2020	GREEN SKILLS INCORPORATED	Community Funding & Grant	\$ 6,000.00
EFT145989	29/10/2020	GREGORY BRIAN STOCKS	Councillor Allowances and Sitting Fees	\$ 3,903.60
EFT145799	22/10/2020	GRIFFITHS ARCHITECTS PTY LTD	Albany Town Hall Repurposing C18008	\$ 5,175.23
EFT146220	12/11/2020	GSP WORKFORCE	Gardening - Lotteries House	\$ 259.00
EFT146244	12/11/2020	H MARSHALL	Refund - Building Permit	\$ 236.00
EFT146262	12/11/2020	HANSON CONSTRUCTION MATERIALS PTY LTD	Aggregate Supply C20003	\$ 2,993.29
EFT145938	29/10/2020	HAPPY FEET FITNESS	Entertainment - Heritage St Festival	\$ 375.00
EFT145939	29/10/2020	HAVOC BUILDERS PTY LTD	Building Works C17028	\$ 4,731.80
EFT146044	05/11/2020	HEAD TO TAIL PETS	Dog Supplies - Rangers	\$ 71.70
EFT145801	22/10/2020	HHG LEGAL GROUP	Legal Services C19009	\$ 5,686.61
EFT146084	05/11/2020	HHG LEGAL GROUP	Legal Services C19009	\$ 325.60
EFT146229	12/11/2020	HHG LEGAL GROUP	Legal Services C19009	\$ 3,445.62
EFT145940	29/10/2020	HIGHWAY WRECKERS	Towing Services	\$ 176.00
EFT146082	05/11/2020	HIGHWAY WRECKERS	Towing Services	\$ 110.00
EFT145941	29/10/2020	HOBBS PAINTING AND DECORATING	Painting Services Q18025	\$ 3,402.30
EFT145773	22/10/2020	HOLCIM PTY LTD	Concrete Supplies C19006	\$ 6,046.92
EFT145913	29/10/2020	HOLCIM PTY LTD	Concrete Supplies C19006	\$ 5,666.76
EFT146056	05/11/2020	HOLCIM PTY LTD	Concrete Supplies C19006	\$ 3,267.44
EFT146201	12/11/2020	HOLCIM PTY LTD	Concrete Supplies C19006	\$ 841.72
EFT145942	29/10/2020	ICKY FINKS WAREHOUSE SALES	Purchases - Workshop VAC	\$ 55.89
EFT145803	22/10/2020	ICS GROUP AUTO ELECTRICAL & AIR CONDITIONING PTY LTD	Servicing Works - Fire Trucks	\$ 1,091.20
EFT145804	22/10/2020	IMPACT SERVICE PTY LTD	Casual Staff/Apprentice Fees	\$ 103.54
EFT145943	29/10/2020	IMPACT SERVICE PTY LTD	Casual Staff/Apprentice Fees	\$ 96.64
EFT146085	05/11/2020	IMPACT SERVICE PTY LTD	Casual Staff/Apprentice Fees	\$ 96.64
EFT146231	12/11/2020	IMPACT SERVICE PTY LTD	Casual Staff/Apprentice Fees	\$ 103.54
EFT145805	22/10/2020	INTERACTCARD PTY LTD	Card Printer	\$ 2,887.50
EFT145806	22/10/2020	ISENTIA PTY LTD	Media Service Fee Aug/Sept	\$ 2,640.00
EFT145944	29/10/2020	ITR PACIFIC PTY LTD	Equipment Parts	\$ 1,804.00
EFT145765	22/10/2020	J & S CASTLEHOW ELECTRICAL SERVICES	Electrical Services C18019 & Q18030	\$ 3,492.07
EFT145903	29/10/2020	J & S CASTLEHOW ELECTRICAL SERVICES	Electrical Services C19001 & C18019	\$ 7,114.96
EFT146048	05/11/2020	J & S CASTLEHOW ELECTRICAL SERVICES	Electrical Services C18019	\$ 2,590.06
EFT146194	12/11/2020	J & S CASTLEHOW ELECTRICAL SERVICES	Electrical Services C18019	\$ 2,269.22
EFT146093	05/11/2020	J AND S LOVERIDGE	Crossover Subsidy	\$ 258.67
EFT146083	05/11/2020	J HORMAN	Refund Swimming Lessons	\$ 147.00
EFT146291	12/11/2020	J WHEATCROFT	Staff Reimbursement	\$ 112.60
EFT146041	05/11/2020	J. BLACKWOOD & SON PTY LTD	Hardware Supplies	\$ 1,386.16
EFT146188	12/11/2020	J. BLACKWOOD & SON PTY LTD	Hardware Supplies	\$ 97.68
EFT146053	05/11/2020	JA COCHRANE	Rates Refund	\$ 918.96
EFT146011	29/10/2020	JACOB WILSON	Barista Services - VAC Open Day	\$ 210.00
EFT145955	29/10/2020	JAMES MCLEAN	Supply Play Structures - Eyre Park All Abilities Playground	\$ 13,560.00
EFT145945	29/10/2020	JAMES WALMSLEY DESIGN	Graphic Design Concept - Albany Maritime Festival	\$ 300.00
EFT146233	12/11/2020	JAMES WALMSLEY DESIGN	Design Services - Healthy Canteens Project	\$ 2,520.00

**CITY OF ALBANY
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ELECTRONIC FUND TRANSFER PAYMENTS

EFT	DATE	NAME	DESCRIPTION	AMOUNT
EFT146122	05/11/2020	JAMIE SHANE SCALLY	Entertainment - CBW Junior Area Balloon Installation	\$ 250.00
EFT145844	22/10/2020	JD SPOUSE	Rates Refund	\$ 802.26
EFT145928	29/10/2020	JEFFREY ALLAN GIBB	Stock - Forts Store	\$ 777.50
EFT145852	22/10/2020	JENNY TAYLOR DESIGNS	Stock - Forts Store	\$ 410.00
EFT146075	05/11/2020	JN GENT	Rates Refund	\$ 89.14
EFT145764	22/10/2020	JOHN CARBERRY	Film/Video Works VAC Open Day	\$ 100.00
EFT145946	29/10/2020	JOHN KINNEAR AND ASSOCIATES	Surveying Services - Middleton Beach C19016	\$ 4,461.05
EFT145976	29/10/2020	JOHN SHANHUN	Councillor Allowances and Sitting Fees	\$ 2,407.68
EFT146235	12/11/2020	JUST A CALL DELIVERIES	Delivery Bag Service Oct 2020	\$ 906.61
EFT145807	22/10/2020	JUST SEW EMBROIDERY	Embroidery Services	\$ 46.20
EFT146087	05/11/2020	JUST SEW EMBROIDERY	Embroidery Services	\$ 431.20
EFT146234	12/11/2020	JUST SEW EMBROIDERY	Embroidery Services	\$ 327.14
EFT146026	05/11/2020	JW & DF WOODBURY	Stock - Visitor Centre	\$ 140.00
EFT146051	05/11/2020	KATE CIPRIAN	Long Live You Programme - ALAC	\$ 1,840.00
EFT146236	12/11/2020	KCR PRODUCTIONS	Christmas Cards - Heritage Park Volunteers	\$ 180.00
EFT145809	22/10/2020	KESTON ECONOMICS PTY LTD	District Tennis Business Case CSRFF Application	\$ 2,035.00
EFT146017	05/11/2020	K ADAMS	Staff Reimbursement	\$ 300.00
EFT145791	22/10/2020	KJ GLADISH	Rates Refund	\$ 424.91
EFT145810	22/10/2020	KMART ALBANY	Purchases - Various	\$ 99.00
EFT145947	29/10/2020	KMART ALBANY	Purchases - Various	\$ 73.00
EFT146088	05/11/2020	KMART ALBANY	Purchases - Various	\$ 48.00
EFT146237	12/11/2020	KMART ALBANY	Purchases - Various	\$ 82.00
EFT146103	05/11/2020	KOMATSU AUSTRALIA PTY LTD	Vehicle Parts - Plant Equipment	\$ 136.02
EFT146089	05/11/2020	KOSTER'S OUTDOOR PTY LTD	Inspection/Service Roller Door - Depot	\$ 350.00
EFT145775	22/10/2020	LANDGATE	SLIP Subscription Annual Charge	\$ 4,869.90
EFT146062	05/11/2020	LANDGATE	Interim Valuations	\$ 1,412.97
EFT146204	12/11/2020	LANDGATE	DLI Invoices - October 2020	\$ 106.80
EFT145798	22/10/2020	LEE GRIFFITH	Photography Services - Community Calendar 2021	\$ 1,880.00
EFT145823	22/10/2020	LGISWA	Insurance Renewal Instalments 2020/2021	\$ 496,055.58
EFT145811	22/10/2020	LIBBY SHEPPARD DESIGN	Stock - Visitor Centre	\$ 380.00
EFT145812	22/10/2020	LITTLE GROVE GENERAL STORE	Supplies - Prescribed Burn Team	\$ 242.55
EFT145949	29/10/2020	LITTLE GROVE PRIMARY SCHOOL	Donation	\$ 50.00
EFT146038	05/11/2020	LJ BEVAN	Rates Refund	\$ 713.12
EFT145950	29/10/2020	LOCAL GOVERNMENT PROFESSIONALS AUSTRALIA WA	LG Annual State Conference - Registration	\$ 975.00
EFT146092	05/11/2020	LOCAL GOVERNMENT PROFESSIONALS AUSTRALIA WA	LG Annual State Conference - Scholarship Winner	\$ 975.00
EFT146241	12/11/2020	LOCHNESS LANDSCAPE SERVICES	Lawn Mowing Services C19010	\$ 7,200.00
EFT145951	29/10/2020	LORLAINE DISTRIBUTORS PTY LTD	Cleaning Supplies	\$ 75.39
EFT146242	12/11/2020	LORLAINE DISTRIBUTORS PTY LTD	Cleaning Supplies	\$ 291.50
EFT145952	29/10/2020	M AND B SALES PTY LTD	Supply Pine	\$ 2,969.72
EFT145817	22/10/2020	M MARLER	Refund - Workshop Cancelled	\$ 145.00
EFT146138	05/11/2020	M SZEWCZUK	Rates Refund	\$ 653.69
EFT146158	05/11/2020	M WINTON	Staff Reimbursement	\$ 300.00
EFT145953	29/10/2020	MAKE A SCENE ARTISTS COLLECTIVE INC	Grant Funding	\$ 2,250.00
EFT145815	22/10/2020	MANDALAY TECHNOLOGIES PTY LTD	Mandalay Upgrade Project	\$ 6,600.00

**CITY OF ALBANY
TRUST, CHEQUES AND ELECTRONIC FUND TRANSFER PAYMENTS
FOR THE PERIOD ENDING 15 NOVEMBER 2020**

ELECTRONIC FUND TRANSFER PAYMENTS

EFT	DATE	NAME	DESCRIPTION	AMOUNT
EFT146243	12/11/2020	MARKETFORCE LIMITED	Advertising	\$ 646.97
EFT145816	22/10/2020	MARSHALL MOWERS	Parts Maintenance	\$ 329.00
EFT145971	29/10/2020	MARTA RIBON	Workshop Instruction VAC	\$ 427.85
EFT145894	29/10/2020	MATT BENSON-LIDHOLM JP	Councillor Allowances and Sitting Fees	\$ 2,407.68
EFT146245	12/11/2020	MCB CONSTRUCTION PTY LTD	Middelton Beach Pontoon Inspection	\$ 966.13
EFT146247	12/11/2020	MENTAL MEDIA PTY LTD	Audio Technology NAC Q17053	\$ 3,039.96
EFT146096	05/11/2020	MERRIFIELD REAL ESTATE	Storage Unit - Cockburn Road	\$ 200.00
EFT145956	29/10/2020	METCO FARM	Stock - Forts Store	\$ 627.00
EFT145819	22/10/2020	METROLL ALBANY	Supply of Gutters/Downpipes	\$ 804.30
EFT146097	05/11/2020	METROLL ALBANY	Building Supplies	\$ 303.60
EFT146248	12/11/2020	METROLL ALBANY	Building Supplies	\$ 116.30
EFT146105	05/11/2020	MICHAEL JAMES O'DOHERTY	Performance Fee - VAC	\$ 100.00
EFT145821	22/10/2020	MODERN TEACHING AIDS PTY LTD	Purchases - Day Care	\$ 897.66
EFT146099	05/11/2020	MOUNT BARKER TOURIST BUREAU INC	Racking Fees	\$ 45.00
EFT145895	29/10/2020	MOVO DANCE ENSEMBLE	Dance Presentation - VAC	\$ 100.00
EFT146251	12/11/2020	MULE CREATIVE	2021 Community Calendar Printing	\$ 4,455.00
EFT146252	12/11/2020	MY PLACE COLONIAL ACCOMMODATION	Accommodation - CBW Author	\$ 650.00
EFT146253	12/11/2020	MYVIEW HOLDINGS PTY LTD	Building Supplies - Centennial Sport Clay Shed	\$ 1,595.00
EFT145783	22/10/2020	N EPIS	Refund Cancelled Lessons COVID-19	\$ 120.00
EFT146287	12/11/2020	N WATSON	Staff Reimbursement	\$ 312.27
EFT145853	22/10/2020	NAKED BEAN COFFEE ROASTERS	Coffee Supplies - Office of the CEO	\$ 99.00
EFT146197	12/11/2020	ND CLARKE	Rates Refund	\$ 1,900.00
EFT145957	29/10/2020	NEVILLES HARDWARE & BUILDING SUPPLIES	Hardware Supplies	\$ 938.55
EFT145824	22/10/2020	NLC PTY LTD	Novated Leases and Associated Costs	\$ 615.31
EFT146101	05/11/2020	NLC PTY LTD	Novated Leases and Associated Costs	\$ 615.31
EFT145825	22/10/2020	NORDIC FITNESS EQUIPMENT	Gym Wipes - ALAC	\$ 2,588.60
EFT145866	22/10/2020	NUTRIEN AG SOLUTIONS (LANDMARK)	Horticultural Goods - Q20005	\$ 165.00
EFT146154	05/11/2020	NUTRIEN AG SOLUTIONS (LANDMARK)	Horticultural Goods - Q20005	\$ 2,740.10
EFT146289	12/11/2020	NUTRIEN AG SOLUTIONS (LANDMARK)	Horticultural Goods - Q20005	\$ 8,140.00
EFT145827	22/10/2020	OCS SERVICES PTY LTD	Cleaning Services - C15015	\$ 2,068.76
EFT145960	29/10/2020	OCS SERVICES PTY LTD	Cleaning Services - C15015	\$ 9,319.61
EFT146104	05/11/2020	OCS SERVICES PTY LTD	Cleaning Services - C15015	\$ 274.82
EFT146255	12/11/2020	OCS SERVICES PTY LTD	Cleaning Services - C15015	\$ 2,615.04
EFT145961	29/10/2020	OFFICEWORKS SUPERSTORES PTY LTD	Stationery Supplies	\$ 171.95
EFT146106	05/11/2020	OFFICEWORKS SUPERSTORES PTY LTD	Stationery Supplies	\$ 213.00
EFT146256	12/11/2020	OFFICEWORKS SUPERSTORES PTY LTD	Stationery Supplies	\$ 70.00
EFT145828	22/10/2020	O'KEEFE'S PAINTS	Painting Supplies	\$ 937.05
EFT146107	05/11/2020	O'KEEFE'S PAINTS	Painting Supplies	\$ 96.72
EFT146257	12/11/2020	O'KEEFE'S PAINTS	Painting Supplies	\$ 44.13
EFT145739	22/10/2020	OPTEON (ALBANY AND GREAT SOUTHERN WA)	Valuation Services - Leasing	\$ 1,760.00
EFT145829	22/10/2020	OYSTER HARBOUR STORE	Catering for Training Course	\$ 41.70
EFT145746	22/10/2020	PAPERBARK MERCHANTS	Newspaper/Books/Magazine Supply	\$ 1,228.83
EFT145887	29/10/2020	PAPERBARK MERCHANTS	Book Purchase - Library	\$ 69.90
EFT146258	12/11/2020	PAUL ARMSTRONG PANELBEATERS	Insurance Excess	\$ 300.00

**CITY OF ALBANY
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FOR THE PERIOD ENDING 15 NOVEMBER 2020**

ELECTRONIC FUND TRANSFER PAYMENTS

EFT	DATE	NAME	DESCRIPTION	AMOUNT
EFT145994	29/10/2020	PAUL TERRY	Councillor Allowances and Sitting Fees	\$ 2,407.68
EFT145963	29/10/2020	PAULS PET FOOD	Dog Food Supplies	\$ 126.60
EFT145964	29/10/2020	PENNANT HOUSE	Flags	\$ 1,454.75
EFT146108	05/11/2020	PENROSE PROFESSIONAL LAWN CARE	Lawn Mowing Services - VAC	\$ 308.00
EFT146109	05/11/2020	PERTH SAFETY PRODUCTS PTY LTD	Road Signage	\$ 2,678.50
EFT146259	12/11/2020	PERTH THEATRE TRUST	AEC Grants 2020/2021	\$ 512,600.00
EFT146260	12/11/2020	PFD FOOD SERVICES PTY LTD	Coffee Supplies - Depot	\$ 265.00
EFT145858	22/10/2020	PJV BLOMMESTEIN	Refund Swimming Lessons	\$ 147.00
EFT146111	05/11/2020	PLASTICS PLUS	Purchases	\$ 157.30
EFT145800	22/10/2020	PRIME MEDIA GROUP LTD	Advertising	\$ 853.60
EFT146227	12/11/2020	PRIME MEDIA GROUP LTD	Advertising	\$ 1,030.70
EFT145830	22/10/2020	PRINCESS ROYAL SAILING CLUB	Community Funding Grant	\$ 3,129.50
EFT145966	29/10/2020	PRINTSYNC BUSINESS SOLUTIONS	Photocopy Charges for Lotteries House	\$ 98.92
EFT145831	22/10/2020	PRIORITY 1 FIRE & SAFETY PTY LTD	Fire Warden Training	\$ 2,420.00
EFT145967	29/10/2020	PROTECTOR FIRE SERVICES	Fire Equipment Service/Repairs C20001	\$ 361.35
EFT146113	05/11/2020	PROTECTOR FIRE SERVICES	Fire Equipment Service/Repairs C20001	\$ 2,856.59
EFT146230	12/11/2020	QUBE LOGISTICS (WA2) PTY LTD	Chlorine Gas Cylinder & Fuel Levy - ALAC	\$ 2,176.81
EFT146114	05/11/2020	QUICK SHOT COFFEE	Coffee Vouchers - Ride 2 Work Day	\$ 19.00
EFT145968	29/10/2020	QUINTIS SANDALWOOD PTY LTD	Stock - Forts Store & Hand Sanitiser	\$ 912.33
EFT146005	29/10/2020	RA WALDECK	Rates Refund	\$ 802.26
EFT146115	05/11/2020	RAINBOW 7 CARPET CARE	Carpet Cleaning Services - Library	\$ 440.00
EFT145937	29/10/2020	RAY HAMMOND	Councillor Allowances and Sitting Fees	\$ 2,407.68
EFT145986	29/10/2020	REBECCA STEPHENS	Councillor Allowances and Sitting Fees	\$ 2,407.68
EFT146116	05/11/2020	REECE PTY LTD	Plumbing and Irrigation Supplies	\$ 117.39
EFT145969	29/10/2020	REEVES ON CAMPBELL	Catering	\$ 490.00
EFT146223	12/11/2020	REGIONAL DEVELOPMENT AUSTRALIA GREAT SOUTHERN WA Inc	Sub-Lease Rent - Co-Op Building	\$ 819.75
EFT146117	05/11/2020	RENOUF FITNESS	Gym Equipment	\$ 128.95
EFT146118	05/11/2020	REPLICA MEDALS & RIBBONS PTY LTD	Stock - Forts Store	\$ 422.73
EFT145970	29/10/2020	REXEL AUSTRALIA	Electrical Supplies	\$ 7.57
EFT146110	05/11/2020	RG PETERSEN	Rates Refund	\$ 154.98
EFT146119	05/11/2020	RMI ENGINEERING & PLASMA CUTTING	Supply and Cut Steel	\$ 269.00
EFT146263	12/11/2020	RMI ENGINEERING & PLASMA CUTTING	Steel Services	\$ 100.00
EFT145991	29/10/2020	ROBERT SUTTON	Councillor Allowances and Sitting Fees	\$ 2,407.68
EFT145832	22/10/2020	ROBERTS GARDINER ARCHITECTS	Schematic Design Middleton Beach Shelters	\$ 2,662.00
EFT146264	12/11/2020	ROBERTS GARDINER ARCHITECTS	Schematic Design Middleton Beach Shelters	\$ 4,235.00
EFT145972	29/10/2020	ROTARY CLUB OF ALBANY PORT	Community Facilities Assistance Funding	\$ 5,000.00
EFT146120	05/11/2020	RUSS EARTHMOVING	Top Soil Removal - Centennial Oval	\$ 1,573.00
EFT146121	05/11/2020	RYDE BUILDING COMPANY PTY LTD	Refund of CTF Payment Paid Twice in Error	\$ 50.00
EFT145973	29/10/2020	SALLY C AUSTRALIA	Stock - Forts Store	\$ 180.00
EFT145981	29/10/2020	SANDIE SMITH	Councillor Allowances and Sitting Fees	\$ 2,407.68
EFT145916	29/10/2020	SANDRA DIXON	Professional Services - EAP	\$ 310.00
EFT146267	12/11/2020	SECUREPAY PTY LTD	Bookeasy - Web Payments Transaction Fee	\$ 67.31
EFT145975	29/10/2020	SEEK LIMITED	Advertising	\$ 1,237.50
EFT146123	05/11/2020	SEEK LIMITED	Advertising	\$ 830.50

**CITY OF ALBANY
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EFT	DATE	NAME	DESCRIPTION	AMOUNT
EFT146268	12/11/2020	SEEK LIMITED	Advertising	\$ 940.50
EFT145834	22/10/2020	SHIRE OF EAST PILBARA	Building Design Compliance Fee - Sign Shelter Emu Point	\$ 150.00
EFT146125	05/11/2020	SHIRE OF PLANTAGENET	Long Live You Programme - ALAC	\$ 455.00
EFT145808	22/10/2020	SIMONE KEANE	Entertainment - VAC 40th	\$ 250.00
EFT146127	05/11/2020	SKILL HIRE WA PTY LTD	Casual Staff/Apprentice Fees	\$ 2,057.16
EFT146006	29/10/2020	SL WARREN	Rates Refund	\$ 450.00
EFT145980	29/10/2020	SMITHS ALUMINIUM AND 4WD CENTRE	Aluminium Supplies	\$ 80.00
EFT146269	12/11/2020	SMITHS ALUMINIUM AND 4WD CENTRE	Aluminium Supplies	\$ 260.00
EFT145836	22/10/2020	SOCIETY CHUTNEY	Stock - Visitor Centre	\$ 210.00
EFT146270	12/11/2020	SOIL SOLUTIONS PTY LTD	Green Waste Tickets C12008 & Supplies C19008	\$ 44,860.48
EFT145837	22/10/2020	SOLOMON MERCHANTS	Coffee Vouchers - Bike Week	\$ 220.00
EFT146273	12/11/2020	SOUTH CITY PAVING	Brick Paving Works Q19052	\$ 3,432.00
EFT146265	12/11/2020	SOUTH COAST COUNSELLING SERVICES	Professional Services - EAP	\$ 137.50
EFT145840	22/10/2020	SOUTH COAST CRANE HIRE	Equipment Hire - Q19049	\$ 313.50
EFT146130	05/11/2020	SOUTH COAST CRANE HIRE	Equipment Hire - Q19049	\$ 522.50
EFT146274	12/11/2020	SOUTH COAST CRANE HIRE	Equipment Hire - Q19049	\$ 264.00
EFT145839	22/10/2020	SOUTH COAST PROGRESS ASSOCIATION	Grant Funding	\$ 3,000.00
EFT145974	29/10/2020	SOUTH COAST SPORTS MEDICINE	Medical Assessment Staff	\$ 118.35
EFT146272	12/11/2020	SOUTH COAST TENNIS CLUB INC	Community Facilities Assistance Funding	\$ 5,000.00
EFT145930	29/10/2020	SOUTH REGIONAL TAFE	Course Fees	\$ 2,034.70
EFT146078	05/11/2020	SOUTH REGIONAL TAFE	Course Fees	\$ 81.70
EFT145982	29/10/2020	SOUTH WEST FIRE UNITS	Repairs Fire Truck	\$ 449.45
EFT146129	05/11/2020	SOUTHCOAST SECURITY SERVICE	Security Services C19018	\$ 1,087.90
EFT145841	22/10/2020	SOUTHERN APIARIES	Stock - Visitor Centre	\$ 96.00
EFT145838	22/10/2020	SOUTHERN TOOL AND FASTENER CO	Hardware and Tool Supplies - Various	\$ 190.57
EFT146271	12/11/2020	SOUTHERN TOOL AND FASTENER CO	Hardware and Tool Supplies - Various	\$ 35.10
EFT146275	12/11/2020	SPECIALISED HAND THERAPY SERVICES	Occupational Therapy Services	\$ 313.50
EFT145842	22/10/2020	SPM ASSETS PTY LTD	Software Subscription - Building Asset Management	\$ 6,814.13
EFT145843	22/10/2020	SPORTSWORLD OF WA	Stock - ALAC	\$ 3,778.50
EFT145983	29/10/2020	SPORTSWORLD OF WA	Sporting Equipment	\$ 2,202.20
EFT146131	05/11/2020	SPOTLIGHT PTY LTD	Purchases - Youth Strategy Programme	\$ 135.28
EFT146277	12/11/2020	ST JOHN AMBULANCE WESTERN AUSTRALIA LTD	Medical Supplies	\$ 225.30
EFT145984	29/10/2020	STAR SALES AND SERVICE	Hardware Supplies/Tools	\$ 228.60
EFT145845	22/10/2020	STATEWIDE BEARINGS	Vehicle Maintenance/Parts	\$ 254.29
EFT146132	05/11/2020	STATEWIDE BUILDING CERTIFICATION WA	Building Surveyor Services CDC	\$ 400.00
EFT146249	12/11/2020	STEPHANIE ANNE WRIGHT MORRIGAN	Professional Services - EAP	\$ 1,210.00
EFT145985	29/10/2020	STEWART AND HEATON CLOTHING PTY LTD	Staff Uniforms	\$ 2,790.37
EFT145846	22/10/2020	STIRLING PRINT	Printing Services	\$ 200.00
EFT145988	29/10/2020	STIRLING PRINT	Printing Services	\$ 25.00
EFT145826	22/10/2020	SUPA IGA NORTH ROAD	Groceries - Various	\$ 49.95
EFT145959	29/10/2020	SUPA IGA NORTH ROAD	Groceries - Various	\$ 204.76
EFT146102	05/11/2020	SUPA IGA NORTH ROAD	Groceries - Various	\$ 122.37
EFT146254	12/11/2020	SUPA IGA NORTH ROAD	Groceries - Various	\$ 86.08
EFT146135	05/11/2020	SUPERCHEAP AUTOS	Paint/Air Compressor - Rangers	\$ 119.22

**CITY OF ALBANY
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EFT	DATE	NAME	DESCRIPTION	AMOUNT
EFT145848	22/10/2020	SUTTON'S CARPET CLEANING	Carpet Cleaning Services - Cape Riche Caretakers Cottage	\$ 476.50
EFT145849	22/10/2020	SYNERGY	Electricity Charges	\$ 22,317.79
EFT145992	29/10/2020	SYNERGY	Electricity Charges	\$ 13,776.26
EFT146137	05/11/2020	SYNERGY	Electricity Charges	\$ 137,111.39
EFT145850	22/10/2020	T & C SUPPLIES PTY LTD	Hardware/Tool/Other Supplies	\$ 72.27
EFT145993	29/10/2020	T & C SUPPLIES PTY LTD	Hardware/Tool/Other Supplies	\$ 2,081.89
EFT146139	05/11/2020	T & C SUPPLIES PTY LTD	Hardware/Tool/Other Supplies	\$ 921.10
EFT146279	12/11/2020	T & C SUPPLIES PTY LTD	Hardware/Tool/Other Supplies	\$ 3,519.58
EFT145909	29/10/2020	TANJA COLBY DESIGNS	Stock - Forts Store	\$ 43.00
EFT146280	12/11/2020	TEX ONSITE PTY LTD	Truck Repairs and Maintenance	\$ 938.53
EFT145995	29/10/2020	THE 12 VOLT WORLD	Vehicle Parts	\$ 135.00
EFT146281	12/11/2020	THE 12 VOLT WORLD	Vehicle Parts	\$ 230.00
EFT146071	05/11/2020	THE FIXUPPERY	Cleaning Services Q18036	\$ 4,337.23
EFT146212	12/11/2020	THE FIXUPPERY	Cleaning Services Q18036	\$ 1,478.99
EFT145948	29/10/2020	THE LEISURE INSTITUTE OF WA (AQUATICS) INC	LIWA Membership	\$ 660.00
EFT145822	22/10/2020	THE MUFFIN QUEEN	Catering - Council Meeting	\$ 1,700.00
EFT146100	05/11/2020	THE MUFFIN QUEEN	Catering - Council Meeting	\$ 596.00
EFT146250	12/11/2020	THE MUFFIN QUEEN	Catering - Council Meeting	\$ 1,260.00
EFT146266	12/11/2020	THE ROYAL LIFE SAVING SOCIETY WA INC	Call Centre Fees - September 2020	\$ 803.99
EFT145854	22/10/2020	THE TOFFEE FACTORY	Stock - Forts Store	\$ 648.90
EFT146147	05/11/2020	THE UNIVERSITY OF WESTERN AUSTRALIA	Assess Reports/Data - Surf Reef Feasibility	\$ 6,061.00
EFT145867	22/10/2020	THE WEST AUSTRALIAN NEWSPAPERS LIMITED	Albany Advertiser Subscription	\$ 371.91
EFT146141	05/11/2020	THINKWATER ALBANY	Reticulation Supplies	\$ 14,513.74
EFT146065	05/11/2020	T DEW	Staff Reimbursement	\$ 51.69
EFT145997	29/10/2020	TOLL TRANSPORT	Courier Services	\$ 575.15
EFT146142	05/11/2020	TOLL TRANSPORT	Courier Services	\$ 1,412.24
EFT146282	12/11/2020	TOLL TRANSPORT	Courier Services	\$ 11.94
EFT146283	12/11/2020	TOTAL GREEN RECYCLING	Collection and Recycling of E-Waste	\$ 2,958.12
EFT145851	22/10/2020	T-QUIP	Tools - Plant Equipment	\$ 447.50
EFT146140	05/11/2020	T-QUIP	Tools - Plant Equipment	\$ 77.10
EFT145978	29/10/2020	TRACY SLEEMAN	Councillor Allowances and Sitting Fees	\$ 2,407.68
EFT145999	29/10/2020	TREVORS CARPETS	Carpet Supply and Laying Services - Lotteries House	\$ 3,800.00
EFT146143	05/11/2020	TRISLEY'S HYDRAULICS SERVICES	Supply and Maintenance ALAC Pool Plan Q19018	\$ 6,521.01
EFT146000	29/10/2020	TROPICAL SHADE N SAILS	Shade Sails Repairs - Day Care	\$ 770.00
EFT146145	05/11/2020	TRUCK CENTRE WA PTY LTD	Vehicle Parts - Plant Equipment	\$ 1,124.88
EFT146144	05/11/2020	TRUCKLINE	Vehicle Parts - Plant Equipment	\$ 79.01
EFT146284	12/11/2020	VALENTINO'S FLOWERS	Flowers - Staff Sympathy	\$ 100.00
EFT146148	05/11/2020	VINOFOOD PTY LTD	Stock - Forts Store	\$ 406.50
EFT146261	12/11/2020	VIOLET PICKETT	Creative Enterprise Grant Funding - 50% Payment	\$ 2,500.00
EFT146149	05/11/2020	VOEGELER CREATIONS	Stock Forts Store	\$ 49.06
EFT145860	22/10/2020	VOLK PROPERTY PTY LTD	Property Lease Services	\$ 4,842.08
EFT145859	22/10/2020	VOLUNTEERING WA	Volunteering WA Membership Renewal	\$ 290.00
EFT146086	05/11/2020	WA COUNTRY BUILDERS	Refund CTF Fee Paid Twice In Error	\$ 441.81
EFT146156	05/11/2020	WA HOLIDAY GUIDE PTY LTD	Bookings Marketing Fees Oct 2020	\$ 895.05

**CITY OF ALBANY
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EFT	DATE	NAME	DESCRIPTION	AMOUNT
EFT146151	05/11/2020	WA NATURALLY PUBLICATIONS	Maps and Guides - Visitors Centre	\$ 455.73
EFT145820	22/10/2020	WA RANGERS ASSOCIATION INC	Badges Rangers	\$ 77.40
EFT145752	22/10/2020	WAJ BALDOCK	Rates Refund	\$ 101.08
EFT145912	29/10/2020	WANDAGEE CONSULTING	Venue Hire and Catering - Dual Naming Workshops	\$ 1,000.00
EFT146200	12/11/2020	WANDAGEE CONSULTING	Venue Hire and Catering - Dual Naming Workshops	\$ 500.00
EFT146152	05/11/2020	WARD HOLT	Stock - Forts Store	\$ 110.00
EFT145863	22/10/2020	WATER CORPORATION	Water Charges	\$ 53.24
EFT146007	29/10/2020	WATER CORPORATION	Water Charges	\$ 843.49
EFT146286	12/11/2020	WATER CORPORATION	Water Charges	\$ 12,984.44
EFT146035	05/11/2020	WC BELLETTE	Rates Refund	\$ 841.15
EFT145865	22/10/2020	WELLSTEAD AUTOMOTIVE SERVICES	Servicing Works - Fire Trucks	\$ 5,567.10
EFT146166	12/11/2020	WELLSTEAD RURAL SERVICES	Gas Bottles	\$ 204.63
EFT146290	12/11/2020	WESTBOOKS	Books - Library	\$ 176.80
EFT146014	30/10/2020	WESTERN AUSTRALIAN TREASURY CORPORATION	Loan Payment	\$ 48,683.34
EFT146155	05/11/2020	WESTSHRED DOCUMENT DISPOSAL	Monthly Disposal of Shredding Bins	\$ 477.40
EFT146010	29/10/2020	WHITFIELD ESTATE & PAWPRINT CHOCOLATE	Stock - Forts Store	\$ 310.05
EFT146159	05/11/2020	WIRTGEN GROUP AUSTRALIA	Vehicle Supplies - Plant Equipment	\$ 148.50
EFT146039	05/11/2020	WN BIRCH	Rates Refund	\$ 868.64
EFT146293	12/11/2020	WOOLWORTHS GROUP LIMITED	Grocery Supplies - Daycare	\$ 2,225.12
EFT146012	29/10/2020	WORKWEAR GROUP	Staff Uniforms	\$ 338.82
EFT146218	12/11/2020	WP GRAY	Rates Refund	\$ 593.24
EFT145868	22/10/2020	WREN OIL	Oil Waste Disposal Service	\$ 121.00
EFT146160	05/11/2020	WREN OIL	Oil Waste Disposal Service	\$ 148.50
EFT146090	05/11/2020	XAVIER LAUNAY	Event - VAC Open Day	\$ 450.00
EFT145869	22/10/2020	ZENITH LAUNDRY	Laundry Services/Hire	\$ 30.28
EFT146013	29/10/2020	ZENITH LAUNDRY	Laundry Services/Hire	\$ 17.55
EFT146161	05/11/2020	ZENITH LAUNDRY	Laundry Services/Hire	\$ 12.69
EFT146294	12/11/2020	ZENITH LAUNDRY	Laundry Services/Hire	\$ 22.45
EFT146162	05/11/2020	ZIPFORM	Printing Services - Instalment Notices	\$ 3,216.79
EFT145760	22/10/2020	ZOE K BUTLER	Workshop - VAC	\$ 720.00
EFT146046	05/11/2020	ZOE K BUTLER	Workshop - VAC	\$ 720.00
				\$ 3,383,167.32



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LOCAL GOVERNMENT ACT 1995

CITY OF ALBANY

**JETTIES, BRIDGES, BOAT
PENS AND SWIMMING
STRUCTURES
LOCAL LAW 2020**

City of Albany
Local Government Act 1995

UNDERTAKING

On the 11 November 2020, the Council of the City of Albany resolved to undertake to the Joint Standing Committee on Delegated Legislation that the City will:

1. Within six (6) months, amend the City of Albany Jetties, Bridges, Boat Pens and Swimming Structures Local Law 2020 to:
 - a. in clause 2.2, delete each occurrence of the words 'the jetties' and replace them with the words 'a jetty';
 - b. in clause 1.5, insert a definition of 'Land';
 - c. in clause 1.5, insert a definition of 'Ellen Cove Jetty';
 - d. in clause 2.3(2), delete '3.2(2)(a)' and insert either 3.4 or 3.5 (whichever the City considers applicable);
 - e. amend either clause 3.9 or 4.7 to remove the inconsistency between the time frames in which a vessel must be removed;
 - f. in clause 2.19, delete the word 'filth';
 - g. delete clause 4.4;
 - h. in clause 5.2(3), insert the words 'by resolution' after the word 'decide'
 - i. insert an exemption to the prohibition of animals in or on any part of the pen system for assistance animals;
 - j. make any other necessary consequential amendments).
2. Until the Local law is amended in accordance with undertaking 1:
 - a. Not enforce the Local Law in a manner contrary to undertaking 1.
 - b. Where the Local Law is made publicly available, whether in hard copy or electronic form (including on the City's website), ensure that it is accompanied by a copy of these undertakings.

LOCAL GOVERNMENT ACT 1995

CITY OF ALBANY

**JETTIES, BRIDGES, BOAT PENS AND SWIMMING
STRUCTURES LOCAL LAW 2020**

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SCHEDULE 1—DETERMINATIONS IN RESPECT OF JETTIES AND SWIMMING STRUCTURES

LOCAL GOVERNMENT ACT 1995

CITY OF ALBANY

**JETTIES, BRIDGES, BOAT PENS AND SWIMMING
STRUCTURES LOCAL LAW 2020**

Under the powers conferred by the *Local Government Act 1995* and under all other powers enabling it, the Council of the City of Albany resolved on 11 August 2020 to make the following local law.

PART 1—PRELIMINARY

1.1 Citation

This Local Law may be cited as the *City of Albany Jetties, Bridges, Boat Pens, and Swimming Structures Local Law 2020*.

1.2 Commencement

This Local Law will come into operation on the fourteenth day after the day on which it is published in the *Government Gazette*.

1.3 Application

(1) This local law applies to the jetties, bridges, boat pens and swimming structures under the control of the City of Albany and as published in the *Government Gazette* of 28 July 2020, in accordance with section 3.6 of the *Local Government Act 1995*, the Governor approved the local law to the extent that it will apply outside the district of the City of Albany.

(2) This local law applies to the following areas located outside the district—

- (a) Lot 350, 7031 Swarbrick Street, Emu Point WA;
- (b) The area bounded by the low water mark of the Indian Ocean and extending for a distance 200 metres seaward from the coastal boundary of the district; and
- (c) The region bounded by—
 - (i) the swimming enclosure;
 - (ii) the coastal boundary of Lot 1474, Flinders Parade, Middleton Beach WA; and
 - (iii) the coastal boundary of Lot 651, 2 Flinders Parade, Middleton Beach WA;
 on the date this local law came into operation.

(3) This local law does not apply to the administration of Department of Transport assets, which includes the—

- (a) conditions of use of moorings and pens; and
- (b) imposition and collection of fees and charges.

1.4 Repeal

This Local Law repeals the *City of Albany Jetties, Bridges and Boat Pens Local Law 2004* published in the *Government Gazette* on 31 January 2005 and as amended and published in the *Government Gazette* on 17 February 2006.

1.5 Definitions

In this local law unless the context otherwise requires—

Act means the *Local Government Act 1995*;

authorised person means the CEO or a person appointed by the local government under section 9.10 of the Act to perform any of the functions of an authorised person under this local law;

bait means food, or some substance, used as a lure in fishing;

berth means—

- (a) to lie alongside jetties; or
- (b) to be connected or tied to a vessel lying alongside jetties;

bridge means a structure spanning a body of water, road, railway line, chasm or the like and affording passage to vehicles or natural persons;

bulk cargo means bulk, unpacked produce or other materials such as grain, coal, oil, mineral ore, timber, sand or gravel;

cargo means any goods, merchandise or freight which is to be loaded onto, or which has been unloaded from, a vessel, but does not include bulk cargo;

- CEO** means the chief executive officer of the local government;
- designated area** means an area set aside and appropriately identified by an authorised person to be used for particular purposes pursuant to clause 4.5 of this Local Law;
- Emu Point Boat Harbour Marina** means the pen system located at Plantagenet Location 7031;
- Ellen Cove Jetty** means the structure located at, and extends from the coastal boundary of Lot 651, 2 Flinders Parade, Middleton Beach WA.
- explosive** means a substance or article as defined in *Dangerous Goods Safety Act 2004*, Part 1, regulation 8 of the *Dangerous Goods Safety (Explosives) Regulations 2007* (excluding emergency device) and includes fireworks;
- emergency device** means an article, containing one or more explosives with or without other substances, that is designed to be used in distress or an emergency for signalling, warning or rescue purposes appropriately identified *Dangerous Goods Safety Act 2004*, Part 1, regulation 8 of the *Dangerous Goods Safety (Explosives) Regulations 2007*.
- fish** has the meaning given to it by section 4 of the *Fish Resources Management Act 1994*;
- fishing** has the meaning given to it by section 4 of the *Fish Resources Management Act 1994*;
- gidgee** means an underwater tool used in spearfishing, consisting of a pole, a spear tip, and a rubber loop;
- jetty** means—
- (a) any jetty, pier, wharf, quay, grid, slip, landing place, boat launching ramps, stage, platform (other than a platform that is a vessel for the purposes of the *Western Australian Marine Act 1982*) or similar structure, whether fixed or floating, erected or placed, wholly or in part, in, on or over any waters; and
 - (b) any ramp and supporting structure for vessel access to a ramp which is or which may be used for the purpose of launching or landing a vessel;
- which is under the care, control or management of the local government;
- key** means a device or object that provides security access, also known as a security access device, security access token or security access card, code or password.
- land** means that part of the earth's surface that is not covered by water, for the purpose of this local law, land vested in the care and control of the local government above the mean high water mark;
- land backed facility** means that part of a jetty which is not located over water and which is located over a foreshore area;
- liquor** means a substance as defined in section 3 of the *Liquor Licensing Act 1988*;
- local government** means the City of Albany;
- moor** means to fasten or secure or connect a vessel to a mooring;
- mooring** means something to which a vessel may be moored or fastened and includes an anchor, stake, ring bolts, fastenings, or mooring pile;
- mooring line** means any line, rope, cable, chain or similar device used or capable of being used to fasten or secure a vessel to a mooring;
- mooring pile** means any pile used or capable of being used to secure a vessel;
- owner** means the person who is the lawful owner or the person legally entitled to the possession of any vessel, vehicle, cargo, property or chattel;
- pen** means a specific area within a pen system for a vessel and does not include any adjacent jetty and walkway;
- pen system** means a complex of interconnecting pens, and includes all jetties and walkways, which are under the care, control or management of the local government;
- person** or any word or expression descriptive of a person includes a natural person, a public body, company or association or body of persons corporate or incorporate, but does not include the local government;
- petroleum** has the meaning given to it by section 5 of the *Petroleum and Geothermal Energy Resources Act 1967*;
- pollution** means pollution as defined in the *Environmental Protection Act 1986*;
- pollutant** means any noxious, pollutant or offensive material whether solid or liquid, including but not limited to non-biodegradable chemicals or cleaning agents, rubbish, dirt, black water, sewage, oil, oily bilge water, sullage, fuel or the content of brine tanks, offal or litter (but excluding fish products or bait);
- prohibited drug** has the meaning given to it by section 3 of the *Misuse of Drugs Act 1981*;
- Regulations** mean the *Local Government (Functions and General) Regulations 1996*;
- seaworthy** means that a vessel is fit for voyage traversing the sea;
- sign** includes a notice, flag, mark, structure or device, including an electronic device, on which may be shown words, numbers, expressions, symbols or pictures;
- Swimming Structure** means a structure designated for swimming and includes swimming enclosures also known as Shark Barriers, meaning a seabed-to-surface protective barrier that is placed around a beach to protect people from shark attacks.
- tout** means to solicit custom;

utility services means municipal or public services and include the supply of water, electrical power, petroleum and waste and sewerage disposal services;

vehicle means a vehicle described in the First Schedule to the *Road Traffic Act 1974*; and

vehicle includes—

- (a) every conveyance and every object capable of being propelled or drawn on wheels, tracks or otherwise (and includes a bicycle, a skateboard and a vessel that is outside the water and carried by a trailer);
- (b) plant or equipment such as cranes and lifting devices; and
- (c) an animal being ridden or driven, but excludes—
 - (i) a wheel-chair or any device designed for use by a physically impaired person on a footpath;
 - (ii) a pram, baby carriage, stroller or a similar device;
 - (iii) a trolley; and
 - (iv) a vessel;

vessel means any kind of vessel, whether licensed or unlicensed, used or being capable of being used in navigation by water, however being propelled or moved, and without limiting the generality of the foregoing, includes—

- (a) a barge, lighter, floating restaurant, dinghy, vessel, tender vessel or other floating structure;
- (b) a jet-ski; and
- (c) an air-cushion vehicle, or other similar craft, used wholly or primarily in navigation by water, but does not include structures used only for the purpose of walkways or storage;

written law has the same meaning given to it by section 5 of the *Interpretation Act 1984* and includes this local law.

1.6 Overriding power to hire and agree not limited

Despite anything to the contrary in this local law the local government may—

- (a) hire the jetties or the land or any portion of the jetties or the land to a person; or
- (b) enter into an agreement with a person regarding the use or management of the jetties or the land or any portion of the jetties or the land.

PART 2—USE OF JETTIES, BRIDGES AND LAND

2.1 Use of jetty, bridge or land

(1) A person shall not land at, use, approach or enter upon a jetty or bridge except in accordance with this local law or any other written law.

(2) A person shall not land at, use, approach or enter upon a jetty or bridge which is

- (a) under construction or repair; or
- (b) closed under section 6 of the *Jetties Act 1926*;

unless that person is engaged in the construction or repair of that jetty or bridge in accordance with the written consent of the local government.

2.2 Mooring of Vessels

(1) A person shall not moor to or berth a vessel at a jetty, or moor or berth a vessel on the Land—

- (a) unless the mooring or berthing of the vessel is authorised or permitted by the local government either by way of a sign affixed by the local government to a jetty or by written consent of the local government; and
- (b) other than in accordance with any conditions imposed by the local government under clause 3.5(1)(m).

(2) Subclause (1) does not apply to—

- (a) a person who needs to moor to or berth a vessel at a jetty, or on the Land in an emergency;
- (b) a vessel in distress such as that repairs are required and then only to effect the minimum repairs necessary to enable the vessel to be moved elsewhere;
- (c) a person who uses a jetty under and in accordance with a written agreement with the local government; and
- (d) a person who has been exempted from subclause (1) by the local government.

(3) A person shall not—

- (a) moor a vessel to a bridge,
- (b) moor a vessel to a jetty or any part of a jetty except to such moorings or mooring piles as are provided; or
- (c) permit a vessel to remain alongside a jetty unless the vessel is so moored or fastened.

2.3 Mooring Lines

- (1) The owner of a vessel must—
- (a) provide, use and adequately maintain mooring lines sufficient to ensure the safe mooring or berthing of the vessel; and
 - (b) annually inspect the mooring lines and replace any mooring lines which are unfit for their intended purpose, so as to ensure that the mooring lines comply with any requirement under a written law or any condition imposed under clause 3.5.
- (2) Where the local government considers the mooring line of a vessel to be noncompliant with a requirement under a written law or a condition imposed under clause 3.5, or to be faulty or unfit for the purpose for which it is used or to be used, the local government may issue a written direction to the owner of a vessel requiring within a specific timeframe—
- (a) the replacement of any mooring line;
 - (b) the testing and certification of any mooring line as suitable for its purpose by a marine engineer or equivalent and the provision of such certification to the local government; or
 - (c) the removal of the vessel from the Land.

2.4 Authorised person may order removal of vessel

Notwithstanding anything to the contrary in this Local Law, a person shall immediately remove a vessel moored or fastened to or standing alongside a jetty or bridge, upon being directed to do so by an authorised person or a member of the police force.

2.5 Restrictions on launching

A person shall not launch a vessel from or over any jetty, land (other than a boat ramp) or bridge unless she or he has first obtained the written consent of the local government.

2.6 Material not to be removed

A person shall not remove or cause to be removed from a jetty or bridge, or from its approaches, any gravel, stone, timber, trees, shrubs, grasses or other material without the prior written consent of the local government.

2.7 Cargo on jetty

- (1) A person shall—
- (a) not store or place cargo on a jetty unless it is to be loaded onto a vessel and that vessel is moored or fastened to or alongside the jetty; and
 - (b) load cargo on to a vessel as soon as practicable after the vessel is moored or fastened to or alongside the jetty.
- (2) Any person unloading cargo from a vessel on to a jetty shall remove it from the jetty as soon as practicable, on the day on which the cargo was unloaded.
- (3) Boarding ramps and gangways shall—
- (a) be removed from a jetty after any passengers have embarked or disembarked and cargo has been loaded or unloaded, as the case may be; and
 - (b) be placed in the appropriate designated area as defined by an authorised person.

2.8 Removal of cargo

- (1) An authorised person may direct an owner or a person who, in the opinion of the authorised person, is in charge of cargo, which remains on a jetty, land or bridge contrary to any provision of this Local Law, to remove it from the jetty or bridge.
- (2) Cargo which remains on a jetty, land or bridge contrary to this Local Law may be removed and impounded by an authorised person in accordance with Part 3, Division 3, Subdivision 4 of the Act, irrespective of whether a direction to remove the cargo has been given pursuant to subclause (1).

2.9 Handling of bulk cargo

Except with the prior written consent of the local government, a person shall not place or deposit—

- (a) bulk cargo from a vehicle, vessel or container on to a jetty or bridge; or
- (b) a container containing bulk cargo on to a jetty or bridge.

2.10 Vehicles on jetty

- (1) A person shall not take onto or drive or ride a vehicle on the jetties or allow a vehicle to remain on the jetties without the written consent of the local government.
- (2) Subclause (1) does not apply when—
- (a) the vehicle is driven by a local government employee, authorised person or contractor engaged by the local government who is engaged in providing a service, maintaining or making a delivery in connection with the jetties; or
 - (b) the person is driving an emergency vehicle in the course of his or her duties; or
 - (c) boat launching ramps.
- (3) A person must not drive a vehicle or allow a vehicle to be driven on the jetties at a speed exceeding 10km per hour or in such a manner to cause danger to a person.

2.11 No fishing from jetties or designated structures

(1) A person shall not—

- (a) fish from a designated swimming structure;
- (b) fish within a swimming enclosure; or
- (c) hang or spread fishing net on, over, under or from a designated swimming structure or enclosure.

(2) Subclause (1) does not apply to the Ellen Cove Jetty.

2.12 Damage to bridge, jetty or swimming enclosure

- (a) A person shall not, by using a vessel or vehicle or otherwise, cause damage to a bridge, jetty or designated swimming structure owned by the local government.
- (b) Where damage is caused to a jetty or bridge, whether by a vessel or vehicle or otherwise, the local government may repair the damage and the costs of the repair shall be a debt due to the local government.
- (c) The debt referred to in clause 2.12 (b) is payable—
 - (i) where the damage is caused by the use of a vessel or vehicle, by the person in control of the vessel or vehicle at the time the damage occurs;
 - (ii) where the damage is not caused by a vessel or vehicle, by the person or persons who caused the damage; or
 - (iii) where the damage is caused by an agent or employee of the owner of the vessel or vehicle, and without prejudice to the liability of other persons, if any, by the owner of a vessel or vehicle.

2.13 Limitations on fishing

A person shall not—

- (a) fish from a jetty or a bridge so as to—
 - (i) obstruct or interfere with the free movement of a vessel approaching or leaving the jetty or the bridge; or
 - (ii) interfere with the use of the jetty or the bridge by any other person or vehicle; or
- (b) hang or spread a fishing net on or over any part of a jetty or a bridge.

2.14 Cleaning fish on jetties

A person shall not shell, gut, scale or clean fish, or deposit or discard bait or waste from a fish—

- (a) on a Boat Pen;
- (b) on a designated swimming structure;
- (c) on a Jetty, except in a place designated by way of a sign affixed by the local government or receptacle set aside by the local government, and subject to any conditions that may be specified on the receptacle or a sign.

2.15 Explosives prohibited

Without the prior written consent of the local government, no person shall land, place or handle explosives (as defined) on a jetty or bridge.

2.16 Fires on jetty or bridge

No person shall light, place or keep a fire upon a jetty or bridge.

2.17 Loitering on jetty or bridge

No person shall loiter, lounge, camp or sleep or erect a tent, camp or fly on a jetty or bridge.

2.18 Obstruction of jetty or bridge

A person shall not—

- (a) Without the written consent of the local government, cause any obstruction on a jetty or bridge or impede the free passage of other persons to, from or on a jetty or bridge.
- (b) Obstruct or hinder—
 - (i) any authorised person, or worker engaged in the construction or repair of any jetty or bridge; or
 - (ii) any authorised person acting in the course of his or her duties.
- (c) Without the prior written consent of the local government, place any advertising signage or fixture of any nature on a jetty or bridge or access to a jetty or bridge.

2.19 Polluting surrounding area

A person shall not—

- (a) throw or cause to be thrown any glass, stone or other object, or any ~~filth~~, dirt, rubbish, or other matter of a similar nature from a jetty or bridge;
- (b) tip or deposit anything on to a jetty or bridge so as to cause pollution;
- (c) deposit any offensive rubbish or offal into any rubbish bin located on the jetty or bridge; or
- (d) bring, deposit or release or permit to be brought, deposited or released black water, raw sewerage, oil, bilge water, sullage, fuel (except in a container designed for carrying fuel type)

or the content of brine tanks, fish products including fish carcasses (but excluding bait), shells and offal, whether solid or liquid, and regardless of whether or not it is dangerous, polluting or noxious in nature, onto a jetty or bridge or into the waters surrounding a jetty or bridge.

2.20 Liquor on jetties and bridges

- (1) A person shall not consume any liquor on a jetty or bridge.
- (2) A person shall not sell liquor on a jetty or bridge or from a vessel while moored to, or alongside a jetty or bridge.

2.21 Nuisance on jetties and bridges

A person shall not—

- (a) without the written consent of the local government display any sign or advertisement or use any loud speaking device on a jetty or bridge;
- (b) tout while on, or within 200 metres of, a jetty or bridge;
- (c) dive from a jetty or bridge; or
- (d) interfere with any other person using a jetty or bridge.

2.22 Application for consent

- (1) Where a person is required to obtain the written consent of the local government under this Local Law, the person is to apply for that consent in the manner required by the local government.
- (2) The local government may, in accordance with sections 6.16 to 6.19 of the Act, determine and impose a fee for receipt of an application for consent made under clause 2.21(1).
- (3) If an application for consent is not made in the manner required by the local government or the fee, if any, which is charged to accompany that application is not paid, the local government may refuse to consider the application for consent.
- (4) The local government shall give its decision on an application for consent, in writing to the person who applied for that consent.

PART 3—PENS AND PEN SYSTEMS

3.1 Licence requirement

- (1) No person shall, without first obtaining a licence from the local government, moor or anchor or cause any vessel to be moored or anchored, within a pen or pen system.
- (2) A person shall be permitted to live on board a vessel moored or anchored within a pen or pen system for no more than two consecutive days, providing that the occupation complies with the requirements of the relevant legislation.

3.2 Application for licence and application fee

- (1) Where a person is required to obtain a licence under this Part, that person is required to apply for the licence in the manner required by the local government.
- (2) The local government may, in accordance with sections 6.16 to 6.19 of the Act, determine and impose an application fee for a licence under clause 3.2(1).
 - (a) The application for a licence must be made by the owner of the vessel; or
 - (b) the owner’s agent who has the written authority to sign the application on behalf of the owner of the vessel.
- (3) The licence will be issued in the name of the owner of the vessel.
- (4) If an application for a licence is not made in the manner required by the local government or the fee, if any, which is charged to accompany that application is not paid, the local government may refuse to consider the application for a licence.

3.3 Multiple ownership of vessels

Where ownership of vessels is shared between more than one person, the following will apply—

- (a) At the time of application, one designated pen holder will be nominated in writing. This Pen Holder will be responsible for—
 - (i) All correspondence with the City of Albany, the City of Albany will not correspond with any other partners.
 - (ii) Ensuring the vessel and its use is in compliance with the local law.
 - (iii) Any local law infringements in relation to the use of this vessel or pen will be issued to, and the sole responsibility of this person.
 - (iv) Payment of all fees and any penalty for non-payment.
 - (v) Ensuring the vessels third party insurance coverage extends to use by any silent partners.
 - (vi) Paying bond to the City and forwarding key to silent partners.
 - (vii) Making application to the City for addition or removal of silent partners.
- (b) There can be up to 3 additional partners to whom the following conditions and responsibilities apply—
 - (i) be required to sign and adhere with the local law while utilising the pen system.

- (ii) the vessel's third party coverage must extend to use by these partners.
- (iii) The City of Albany will not undertake any correspondence with these partners—all correspondence will be the responsibility of the designated pen holder.
- (iv) The silent partners will be issued with a key, through the designated pen holder, who will be responsible for any applicable key bonds or communication in relation to key.
- (c) Transfer of designated pen holder—for the purpose of pen allocation and waitlisting
 - (i) Once allocated, the designated penholder status cannot be transferred to any other person.
 - (ii) In the event the designated pen holder sells, relinquishes or bequeaths their share in the vessel, the pen lease will be cancelled and silent partners shall have no claim in respect to lease of that pen. Silent partners may apply for lease of the given, or any other pen, in accordance with waitlist and other application process and procedure administered by the Manager of the Pen system.

3.4 Mooring of vessel

- (1) The licensee shall during the term of the licence—
 - (a) provide, use and maintain mooring lines sufficient to ensure the safe mooring of the vessel within the pen or pen system, which shall not be less than the sizes listed below—

Length of vessel	Mooring Lines Diameter
Up to 5m	Not less than 12mm
5m to 8m	Not less than 16mm
8m to 12m	Not less than 20mm
12m to 15m	Not less than 24mm

- (b) annually inspect the mooring lines and replace any mooring lines which are unfit for their intended purpose.
- (2) An authorised person may—
 - (a) issue a written direction to a licensee, or, where applicable, to the person in charge of the vessel at the relevant time, requiring any mooring lines for a vessel to be refitted within a specified period where, in the opinion of that authorised person, the mooring lines are faulty or sub-standard;
 - (b) notwithstanding clause 3.4(2)(a), refit any faulty or sub-standard mooring lines where it is the opinion of the authorised person that an emergency has arisen requiring such action to be taken; and
 - (c) where a licensee fails to comply with a written direction issued under clause 3.4(2)(a) within the period specified in the written direction, refit or cause to be refitted the mooringlines.
- (3) Where mooring lines are refitted under clause 3.4(2)(c), the costs of the refit shall be a debt due to the local government, payable by the licensee.

3.5 Licensee's obligations

- (1) During the term of the licence, the licensee shall—
 - (a) keep and maintain the vessel in a state of good and substantial repair and in a clean, tidy, orderly and seaworthy condition;
 - (b) keep and maintain the pen in which the licensee's vessel is moored and any adjacent jetty or walkway in a clean, tidy and orderly condition;
 - (c) ensure that, except during entry into and exit from the pen, no portion of the vessel moored in the pen shall extend beyond the boundaries of the pen;
 - (d) ensure that the vessel shall not at any time interfere with, obstruct or impede the movement of any other vessels within the pen system;
 - (e) ensure that the vessel shall not at any time interfere with, obstruct or impede the movement of any materials, goods or equipment along or over any jetty or walkway forming part of the pen system;
 - (f) ensure that any vessel under the control of the licensee, his agent or employee, when approaching, using or leaving the pen is controlled in a cautious and seamanlike manner and does not cause a nuisance or damage to any other vessel, property or persons;
 - (g) provide adequate fenders between the vessel and the dock, and when the vessel leaves the pen, mooring lines are coiled safely as to not create a tripping hazard;
 - (h) ensure that hose pipes or electricity leads shall not be allowed to obstruct or create a hazard to persons walking within the pen system;
 - (i) not leave any material, device or goods on any walkway or jetty;
 - (j) pay all service fees and other fees (including water, electricity and fuel wharfage);
 - (k) ensure the vessel is licensed with the relevant authorities;
 - (l) upon expiry of license a copy of a boat renewal licence receipt is to be provided to the local government;
 - (m) hold a third party insurance policy for the vessel housed in the pen or pen system;

- (n) provide a copy of the third party insurance policy upon request; and
 - (o) comply with all conditions attaching to the licence.
- (2) During the term of the licence, the licensee shall not—
- (a) permit any vessel other than the one described in the licence to use or to occupy the pen without the prior written, consent of the local government;
 - (b) bring, deposit or release or permit to be bought, deposited or released any black water, raw sewerage, oil or fuel, fish products including fish carcasses (but excluding bait), shells and offal, whether solid or liquid, and regardless of whether or not it is dangerous, polluting or noxious in nature, into or within the pen or the waters surrounding the pen. This does not prohibit a person from—
 - (i) washing down their vessel, the pen, or the adjacent jetty or walkway, provided no non-biodegradable chemicals or cleaning agents are used; and
 - (ii) cleaning fish on board their vessel or at any designated area for cleaning fish within the pen system;
 - (iii) bringing fuel in approved containers onto or within the pen system for the purposes of refuelling.
 - (c) store or keep, or permit to be stored or kept, on or in any vessel in the pen, or the pen system, any inflammable substance except that which is contained in tanks or lines which either form a permanent part of a vessel or which comply with the *Uniform Shipping Laws Code 1981* (Cth) and the relevant regulations created under the *Western Australian Marine Act 1982* (WA);
 - (d) do or leave undone, or cause or permit to be done or left undone, in or upon the pen any act or thing which may—
 - (i) cause damage; or
 - (ii) become a nuisance, annoyance or inconvenience, to other users of the pen-system;
 - (e) cause the entrance gate to the pen system to be held open by any manner whatsoever;
 - (f) permit any animals to stray in or on any part of the pen system;
 - (g) without the prior written consent of the local government, make any alteration or addition to the pen or any part thereof;
 - (h) without the prior written consent of the local government, affix or exhibit, or cause or permit to be affixed or exhibited, on any part of the pen or vessel any poster, sign or advertisement other than a vessel's registration numbers and name;
 - (i) without the prior written consent of the local government, carry out or permit to be carried out any major structural work to the vessel in the pen or pen system;
 - (j) operate or permit to be operated any noisy, noxious or objectionable engines, radios or other apparatus or machinery within the pen, so as to cause any nuisance or annoyance to another user of the pen system;
 - (k) provide any person with the key (or any copy, duplicate or replica of the key) giving access to the pen system;
 - (l) leave the vessel unattended in such a manner as to prevent the movement of another vessel in or out of its pen, or obstruct the movement of vessels in the pen system;
 - (m) engage a vessel's propulsion system while secured to a pen or pen system except when alighting (leaving/arriving) from the pen or carrying out mechanical repairs or testing; or
 - (n) without the prior written consent of the local government, sub-lease the pen to a third party (this does not include names that appear as silent partners).

3.6 General prohibitions

- (1) A person shall not swim in the pen system without having first obtained written consent from the local government.
- (2) A person shall not perform underwater repairs or hull cleaning in the pen system;
- (3) A person shall use power points and water taps provided within the pen system only with the appropriate connections and for the purpose of minor maintenance, and ensure all power cords are tagged and tested and in good order and repair, and not placed in the water.
- (4) A person shall not without obtaining the prior written consent of the local government, use a—
 - (a) power point for longer than 3 hours; or
 - (b) water tap for longer than 30 minutes,
 in a 24 hour period commencing at midnight.
- (3) A person shall not use a gidgee or spear gun in a pen system.

3.7 Right of entry and execution of repairs

- (a) An authorised person may, at any reasonable time during the term of the licence, enter upon and view the condition of the pen, the vessel and any mooring dolphins, buoys and lines or any part thereof.
- (b) An authorised person may give to the licensee a notice in writing requiring the licensee to execute any repairs and works within a stipulated time period that, in the reasonable opinion of the authorised person, are necessary to any of the things referred to in clause 3.7(a).

- (c) The licensee shall execute all repairs and works required to be done within a reasonable time period by written notice given by an authorised person.
- (d) If the licensee does not, within the time specified in any notice issued under this clause, complete the repairs and works required in the notice, an authorised person may enter the mooring pen and complete the repairs and works required in the notice.
- (e) The cost of any repairs and works undertaken by the local government under clause 3.7(d) shall be a debt due to the local government payable by the licensee.
- (f) An authorised person may, at any reasonable time enter a pen for the purpose of making surveys or carrying out any works the local government may deem to be necessary without paying to the licensee any compensation, although any work shall be carried out with, the least inconvenience possible to the licensee.
- (g) An authorised person may enter a pen or a vessel, at any time when, in the reasonable discretion of the authorised person, an emergency exists.

3.8 Removal of vessel

- (1) An authorised person may, in any of the circumstances mentioned in **Clause 4.7**, move or cause to be moved any vessel located within a pen.
- (2) The costs of moving a vessel under this clause shall be a debt due to the local government, payable by the licensee.

3.9 Termination of licence

- (1) The local government may, on twenty-one (21) days written notice to the licensee, terminate a licence granted under clause 3.1 in the event of—
 - (a) the annual service fee or any part thereof, payable by a licensee being in arrears for one calendar month after becoming due and payable; or
 - (b) any default by a licensee in the due observance and performance of any of the requirements contained in this Local Law or any condition of the licence.
- (2) Termination of a licence pursuant to this clause will not prejudice the local government’s rights, powers and remedies in relation to any fee or other monies owed as a debt due to the local government under this Local Law or in relation to penalties for breach of this Local Law.
- (3) Upon the expiration or earlier termination of a licence granted under clause 3.1(1), the licensee shall remove the vessel from the pen within **28 days**. If the licensee fails to remove the vessel within **28 days**, the local government may remove and store the vessel and the costs of removing and storing the vessel shall be a debt due to the local government payable by the licensee.
- (4) Where a licence is terminated in accordance with clause 3.9 reapplication by the person holding the licence, either as a licence holder or silent partner, shall not be considered for a period of 12 months from effect of the licence termination
- (5) In the event of a licensee discontinuing the use of the pen he or she shall not be entitled to a refund of that part of any fee paid by the licensee in respect of a licence, the service fee or any other fees that may apply from time to time.
- (6) In the event of a breach by the licensee of any of the provisions of this Local Law, the licensee’s vessel may be removed, impounded and disposed of in accordance with Part 3, Division 3, Subdivision 4 of the Act.

PART 4—GENERAL PROVISIONS

4.1 Fees and charges

Fees and charges may be imposed by the local government for the purposes of this Local Law in accordance with the requirements of sections 6.16 to 6.19.

4.2 Recovery of debt due

Wherever this Local Law refers to a debt due to the local government, that amount may be recovered by the local government in a court of competent jurisdiction.

4.3 Offences and Penalties

- (1) Any person who fails to do anything required or directed to be done under this Local Law, or who does anything which under this Local Law that a person is prohibited from doing, commits an offence.
- (2) Any person who commits an offence under this Local Law is liable, upon conviction, to a penalty not exceeding \$5,000, and if the offence is of a continuing nature, to an additional penalty not exceeding \$500 for each day or part of a day during which the offence has continued.
- (3) An offence against any provision of this Local Law is a prescribed offence for the purpose of section 9.16(1) of the Act.
- (4) The modified penalty for an offence against any provision of this Local Law is \$150.

4.4 Costs of repair

~~Any person who causes damage to a jetty, bridge or pen under the care, control and management of the local government, whether or not they are committing an offence under this Local Law, shall pay the costs of repairing any damage caused to the local government.~~

4.4 Appointment of an authorised person

The local government may appoint authorised persons under section 9.10 of the Act to perform any of the functions of an authorised person under this Local Law.

4.5 Designated areas

(1) An authorised person may designate, and appropriately identify, a particular area on or within a bridge, jetty, swimming structure, or pen system, to be used for a particular purpose.

(2) Subject to conditions that may be imposed by relevant Acts and associated Regulations (for example: a use or activity not allowed under Part 2 of the local law, may be approved with appropriate controls and a defined area).

4.6 Breach/Termination Notice

Under a breach of the licensee’s obligations prescribed in part 3, that results in a termination notice a person will have 28 days to remove the vessel and all fixtures and fittings from the pen.

4.7 When an authorised person can act

Notwithstanding the powers and functions of the authorised officer prescribed in parts 1, 2 and 3, no action shall be taken by an authorised officer unless such action is related to—

- (a) an inspection that serves to either verify compliance or remedy non-compliance with the conditions of the Local Law;
- (b) the rectification of a situation that could reasonably be expected to lead to either damage to private or public property or threaten personal safety; or
- (c) The overall efficient and effective management of the facility.

4.8 Objection and appeal rights

When the local government makes a decision as to whether it will—

- (a) grant a person a licence under this local law; or
- (b) renew, vary, or cancel a licence that a person has under this local law,

the provisions of Division 1 of Part 9 of the Act and regulation 33 of the Regulations shall apply to that decision.

PART 5—DETERMINATIONS IN RESPECT OF JETTIES AND SWIMMING STRUCTURES

5.1 Determinations as to use local government property

(1) The local government may make a determination in accordance with clause 5.2—

- (a) setting aside specified local government property for the pursuit of approved activities, such as swimming and/or fishing;
- (b) prohibiting a person from pursuing an activity on specified local government property; and
- (c) as to any matter ancillary or necessary to give effect to a determination.

(2) The determinations in Schedule 1—

- (a) are to be taken to have been made in accordance with clause 5.2;
- (b) may be amended or revoked in accordance with clause 5.6; and
- (c) have effect on the commencement day.

5.2 Procedure for making a determination

(1) The local government is to give local public notice of its intention to make a determination.

(2) The local public notice referred to in subclause (1) is to state that—

- (a) the local government intends to make a determination, the purpose and effect of which is summarised in the notice;
- (b) a copy of the proposed determination may be inspected and obtained from the offices of the local government; and
- (c) submissions in writing about the proposed determination may be lodged with the local government within 21 days after the date of publication.

(3) If no submissions are received in accordance with subclause (2)(c), the Council is to decide **by resolution** to—

- (a) give local public notice that the proposed determination has effect as a determination on and from the date of publication;
- (b) amend the proposed determination, in which case subclause (5) will apply; or
- (c) not continue with the proposed determination.

(4) If submissions are received in accordance with subclause (2)(c) the Council is to—

- (a) consider those submissions; and
- (b) decide—
 - (i) whether or not to amend the proposed determination; or
 - (ii) not to continue with the proposed determination.

(5) If the Council decides to amend the proposed determination, it is to give local public notice—

- (a) of the effect of the amendments; and
- (b) that the proposed determination has effect as a determination on and from the date of publication.

(6) If the Council decides not to amend the proposed determination, it is to give local public notice that the proposed determination has effect as a determination on and from the date of publication.

(7) A proposed determination is to have effect as a determination on and from the date of publication of the local public notice referred to in subclauses (3), (5) and (6).

(8) A decision under subclause (3) or (4) is not to be delegated by the Council.

(9) This local law is subject to any written law and law of the Commonwealth about assistance animals as defined in the *Disability Discrimination Act 1992* (Cth).

(10) The prohibition of animals in or on any part of the pen system does not apply to assistance animals.

5.3 Discretion to erect sign

The local government may erect a sign on local government property to give notice of the effect of a determination which applies to that property.

5.4 Determination to be complied with

A person shall comply with a determination.

5.5 Register of determinations

(1) The local government is to keep a register of determinations made under clause 5.1, and of any amendments to or revocations of determinations made under clause 5.6.

(2) Sections 5.94 and 5.95 of the Act are to apply to the register referred to in subclause (1) and for that purpose the register is to be taken to be information within section 5.94(u)(i) of the Act.

5.6 Amendment or revocation of a determination

(1) The Council may amend or revoke a determination.

(2) The provisions of clause 5.2 are to apply to an amendment of a determination as if the amendment were a proposed determination.

(3) If the Council revokes a determination it is to give local public notice of the revocation and the determination is to cease to have effect on the date of publication.

Schedule 1

DETERMINATIONS IN RESPECT OF JETTIES AND SWIMMING STRUCTURES

Location Description	Determination of Use
Emu Point Boat Pens—Lot 350, 7031 Swarbrick Street, Emu Point WA.	No swimming from structures within the security controlled boat pen area.
Emu Point Swimming Structure—Lot 1461, Roe Parade, Emu Point WA.	No fishing on the swimming structure.
Ellen Cove Swimming Enclosure and Swimming Platform—The coastal boundary of Lot 1474, Flinders Parade, Middleton Beach WA.	No fishing permitted from the beach, in the area bounded by the Ellen Cove Swimming Enclosure.
Ellen Cove Jetty—The coastal boundary of Lot 651, 2 Flinders Parade, Middleton Beach WA.	Swimming permitted from the Jetty. Fishing permitted from the Jetty.

Dated this 14th day of September, 2020.

The Common Seal of the *City of Albany* was affixed by the authority of the resolution of Council in the presence of—

DENNIS WELLINGTON, Mayor.

ANDREW SHARPE, Chief Executive Officer

CITY OF ALBANY**BUDGET REVIEW FOR THE PERIOD ENDING 31 OCTOBER 2020**

	Page No.
Statement of Budget Review by Nature and Type	1
Statement of Budget Review by Program	2
Details	
- Budget Review General Works/Variations	3 - 9
Variations of Income and expenditures which are materially different to the adopted Budget require councils endorsement. These variations are detailed in this section of the review.	
- Opening Funds Reconciliation	10
This note demonstrates the calculation in the opening position 1 July 2020.	

City of Albany
Statement of Budget Review
By Nature and Type
For The Period Ending 31 October 2020

	2020/2021					
	ORIGINAL ANNUAL BUDGET	CURRENT ANNUAL BUDGET	REVISED ANNUAL BUDGET	YTD ACTUAL	VARIANCE (b) - (a)	VARIANCE
	\$	(a) \$	(b) \$	\$	\$	%
Operating Revenues						
Rate Revenue	38,713,076	38,713,076	38,845,107	38,707,039	132,031	0.3
Grants & Subsidies	3,841,554	3,941,048	4,100,433	923,386	159,385	4.0
Contributions, Donations & Reimbursements	759,356	756,782	896,402	495,441	139,620	18.4
Profit on Asset Disposal	1,000	1,000	1,000	32,343	-	
Fees and Charges	14,616,563	14,616,563	16,871,094	7,108,008	2,254,531	15.4
Interest Earnings	533,114	533,114	506,669	170,179	(26,445)	
Other Revenue	183,306	183,306	183,306	49,907	-	
	58,647,969	58,744,889	61,404,011	47,486,303	2,659,122	
Operating Expenditure						
Employee Costs	(25,490,427)	(25,490,588)	(25,629,236)	(7,089,443)	(138,648)	0.5
Materials and Contracts	(20,949,996)	(20,425,359)	(20,632,967)	(4,540,486)	(207,608)	1.0
Utilities Charges	(1,786,962)	(1,786,962)	(1,786,962)	(450,770)	-	
Depreciation (Non-Current Assets)	(16,848,328)	(16,848,328)	(17,629,569)	(5,922,190)	(781,241)	4.6
Interest Expenses	(640,704)	(640,704)	(640,704)	(38,054)	-	
Insurance Expenses	(738,880)	(738,880)	(738,880)	(671,630)	-	
Loss on Asset Disposal	(454,292)	(454,292)	(454,292)	(85,256)	-	
Other Expenditure	(2,721,166)	(2,711,934)	(2,778,545)	(661,733)	(66,611)	2.5
Less: Allocated to Infrastructure	916,295	916,295	916,295	285,244	-	
	(68,714,460)	(68,180,752)	(69,374,860)	(19,174,318)	(1,194,108)	
Contributions for the Development of Assets						
Grants and Contributions	17,275,986	23,251,756	24,396,090	1,546,802	1,144,334	4.9
Net Operating Result Excluding Rates	7,209,495	13,815,893	16,425,241	29,858,787	2,609,348	
Adjustment Non Cash Items						
Write Back Non Cash Items	17,301,620	17,301,620	18,082,861	6,088,628	781,241	4.5
Funds Demanded From Operations	24,511,115	31,117,513	34,508,102	35,947,415	3,390,589	
Acquisition of Fixed Assets						
Land & Buildings	(7,118,042)	(10,425,790)	(10,456,490)	(841,020)	(30,700)	0.3
Plant & Equipment	(3,604,178)	(4,417,056)	(4,546,377)	(375,218)	(129,321)	2.9
Furniture & Equipment	(7,050,384)	(7,536,596)	(7,699,125)	(466,067)	(162,529)	2.2
Infrastructure Assets	(19,520,282)	(20,695,773)	(21,547,987)	(1,282,367)	(852,214)	4.1
	(37,292,886)	(43,075,215)	(44,249,979)	(2,964,671)	(1,174,764)	
Capital Revenue						
Proceeds from Sale of Assets	675,500	675,500	675,500	231,283	-	
Financing/Borrowing						
Debt Redemption	(2,522,892)	(2,522,892)	(2,522,892)	(141,263)	-	
Bank Overdraft					-	
Self Supporting Loans Advanced					-	
Principal Portion of Lease Liabilities	(170,922)	(170,922)	(170,922)	(56,974)	-	
Self-Supporting Loan Principal	13,307	13,307	13,307	(56,974)	-	
Loan Drawn Down	2,000,000	2,000,000	-	-	(2,000,000)	
Demand for Resources	(12,786,778)	(11,962,709)	(11,746,884)	32,958,816	215,825	
Restricted Funding Movements						
Opening Funds	4,057,162	3,906,526	4,055,048	4,055,048	148,522	3.8
Restricted Cash Utilised - Loan	102,070	-	-	-	-	
Transfer to Reserve Transactions	(13,834,304)	(14,229,304)	(14,615,792)	-	(386,488)	2.7
Transfer from Reserves Transactions	22,461,850	22,307,628	22,307,628	-	-	
Closing Funds Surplus/(Deficit)	-	22,141	-	37,013,864	(22,141)	

City of Albany
Statement of Budget Review
By Program

For The Period Ending 31 October 2020

2020/2021						
	ORIGINAL ANNUAL BUDGET	CURRENT ANNUAL BUDGET	REVISED ANNUAL BUDGET	YTD ACTUAL	VARIANCE (b) - (a)	VARIANCE %
	\$	(a) \$	(b) \$	\$	\$	%
Operating Revenues						
General Purpose Funding	41,330,047	41,384,773	41,477,657	39,484,979	92,884	0.2
Governance	-	-	-	8,258	-	
Law Order and Public Safety	527,968	527,968	746,359	231,169	218,391	41.4
Health	192,192	192,192	192,192	101,473	-	
Education and Welfare	977,973	975,399	1,434,405	487,626	459,006	47.1
Community Amenities	9,618,133	9,618,133	9,801,907	3,779,596	183,774	1.9
Recreation and Culture	2,210,490	2,255,258	2,930,688	1,146,062	675,430	29.9
Transport	1,232,315	1,232,315	1,668,254	607,501	435,939	35.4
Economic Services	1,582,700	1,582,700	2,180,352	867,531	597,652	37.8
Other Property and Services	976,151	976,151	972,197	772,108	(3,954)	-0.4
	58,647,969	58,744,889	61,404,011	47,486,303	2,659,122	
Operating Expenditure						
General Purpose Funding	(1,069,294)	(674,294)	(674,294)	(226,638)	-	
Governance	(4,188,064)	(4,188,064)	(4,204,675)	(1,295,332)	(16,611)	0.4
Law Order and Public Safety	(2,934,072)	(2,934,072)	(3,129,327)	(884,617)	(195,255)	6.7
Health	(876,624)	(876,624)	(876,624)	(265,306)	-	
Education and Welfare	(2,035,389)	(2,032,815)	(2,148,853)	(600,401)	(116,038)	5.7
Community Amenities	(11,631,174)	(11,533,563)	(11,744,274)	(2,474,894)	(210,711)	1.8
Recreation and Culture	(16,191,812)	(16,222,062)	(16,906,400)	(4,715,562)	(684,338)	4.2
Transport	(21,959,655)	(21,932,242)	(22,109,420)	(6,378,947)	(177,178)	0.8
Economic Services	(5,284,801)	(5,284,801)	(4,949,635)	(1,369,951)	335,166	-6.3
Other Property and Services	(2,543,575)	(2,502,215)	(2,631,358)	(962,668)	(129,143)	5.2
	(68,714,460)	(68,180,752)	(69,374,860)	(19,174,318)	(1,194,108)	
Non-Operating Grants, Subsidies And Contributions						
Law Order and Public Safety	-	3,899,194	3,899,194	-	-	
Recreation and Culture	8,587,522	9,613,374	10,825,179	12,214	1,211,805	12.6
Transport	7,783,464	8,838,113	8,770,642	1,534,588	(67,471)	-0.8
Economic Services	5,000	1,075	1,075	-	-	
	17,275,986	23,251,756	24,396,090	1,546,802	1,144,334	
Adjustment Non Cash Items						
Write Back Non Cash Items	17,301,620	17,301,620	18,082,861	6,088,628	781,241	4.5
Funds Demanded From Operations	24,511,115	31,117,513	34,508,102	35,947,415	3,390,589	
Acquisition of Fixed Assets						
Land & Buildings	(7,118,042)	(10,425,790)	(10,456,490)	(841,020)	(30,700)	0.3
Plant & Equipment	(3,604,178)	(4,417,056)	(4,546,377)	(375,218)	(129,321)	2.9
Furniture & Equipment	(7,050,384)	(7,536,596)	(7,699,125)	(466,067)	(162,529)	2.2
Infrastructure Assets	(19,520,282)	(20,695,773)	(21,547,987)	(1,282,367)	(852,214)	4.1
	(37,292,886)	(43,075,215)	(44,249,979)	(2,964,671)	(1,174,764)	
Capital Revenue						
Proceeds from Sale of Assets	675,500	675,500	675,500	231,283	-	
Financing/Borrowing						
Debt Redemption	(2,522,892)	(2,522,892)	(2,522,892)	(141,263)	-	
Bank Overdraft	-	-	-	-	-	
Self Supporting Loans Advanced	-	-	-	-	-	
Principal Portion of Lease Liabilities	(170,922)	(170,922)	(170,922)	(56,974.20)	-	
Self Supporting Loans (Principal Repayments)	13,307	13,307	13,307	(56,974)	-	
Loan Drawn Down	2,000,000	2,000,000	-	-	(2,000,000)	
Demand for Resources	(12,786,778)	(11,962,709)	(11,746,884)	32,958,816	215,825	
Restricted Funding Movements						
Opening Funds	4,057,162	3,906,526	4,055,048	4,055,048	148,522	3.8
Transfer From Restricted Cash Unspent Loans	102,070	-	-	-	-	
Transfer to Reserve Transactions	(13,834,304)	(14,229,304)	(14,615,792)	-	(386,488)	2.7
Transfer from Reserves Transactions	22,461,850	22,307,628	22,307,628	-	-	
Closing Funds Surplus/(Deficit)	-	22,141	-	37,013,864	(22,141)	

BUDGET REVIEW FOR THE PERIOD ENDING 31 OCTOBER 2020

This Review Maintains Council's Budget in a Balanced Position

GENERAL WORKS/VARIATIONS. (Additional Funds Required)		\$	
			(3,447,071)
FUNDED BY			
- Reduction in Expenditure	1,078,199		
- Adjustment in Grant/Contributions Funding	1,430,228		
- Adjustment in Revenue	2,373,228		
- Adjustment Loan Funding	(2,000,000)		
- Restricted Cash Adjustments (Transfer To)/Transfer From	(386,488)	2,495,167	
ADJUSTMENT IN DEPRECIATION (Non Cash Transactions)			781,241
Balance			<u>(170,663)</u>
- Current 20/21 Budgeted Closing funds	22,141		
- Adjustment to opening funds from forecast to actual 30 June 2020 (Being adjustments at the conclusion of the annual Audit)	148,522		
- Revised 20/21 Budgeted closing funds			<u>-</u>

CITY OF ALBANY

BUDGET REVIEW FOR THE PERIOD ENDING 31 OCTOBER 2020

SECTION						REQUESTED BY - NATHAN WATSON DIRECTORATE - COMMUNITY SERVICES		
ALAC/ALBANY HERITAGE PARK/DAY CARE								
JOB or GENERAL LEDGER	ACCOUNT DESCRIPTION	CURRENT BUDGET 2020/21		PROPOSED BUDGET 2020/21		BUDGET REVIEW CONSIDERATION		EXPLANATION
		EXPEND	INCOME	EXPEND	INCOME	EXPEND	INCOME	
	ALAC							
16103	ALAC - Aquatics Income		262,500		590,000		327,500	Amendment to Aquatics revenue due to memberships now split between the health club and Aquatics more equitably,
16153	ALAC - Health Club Memberships		230,000		356,300		126,300	and an increase in revenue due to the conservative approach of budgeting because of Covid-19.
16133	ALAC - Swim School		230,000		438,000		208,000	Increase in demand for swim school lessons
11157	ALAC - Swim School Employee Costs	258,236		308,162		49,926		Employee costs in relation to additional demand
16003	ALAC - Stadium		157,500		207,000		49,500	An increase in revenue due to the conservative approach of budgeting because of Covid-19.
	ALBANY HERITAGE PARK							
15043	National Anzac Centre Ticket Sales		457,500		805,500		348,000	An increase in revenue due to the conservative approach of budgeting re Covid-19.
16313	AHP - Merchandise Sales		197,500		382,500		185,000	
	DAY CARE							
15813	Day Care Centre Income		803,700		1,203,668		399,968	An increase in revenue due to the conservative approach of budgeting re Covid-19.
15812	Day Care Employee Costs	915,079		972,079		57,000		Employee costs in relation to additional demand
	COMMUNITY DEVELOPMENT							
71312	COVID-19 Community Recovery Program	80,000		130,000		50,000		Contribution from Rio Tinto to strengthen the City's Covid-19 relief response to the community.
15413	Community Development Other Income		-		50,000		50,000	
34982	Green Book - Foundation for Rural & Regional Renewa	-		9,038		9,038		Green Book seeks to encourage youth to connect with their local, natural environment and to build and strengthen local communities.
15443	Youth Programs - Grants and Contributions		20,000		29,038		9,038	
	TOTAL :	1,253,315	2,358,700	1,419,279	4,062,006	165,964	1,703,306	

CITY OF ALBANY

BUDGET REVIEW FOR THE PERIOD ENDING 31 OCTOBER 2020

SECTION						REQUESTED BY - PAUL CAMINS		
BUILDING/PLANNING						DIRECTORATE - INFRASTRUCTURE, DEVELOPMENT & ENVIRONMENT		
ALIAS or GENERAL LEDGER	ACCOUNT DESCRIPTION	CURRENT BUDGET 2020/21		PROPOSED BUDGET 2020/21		BUDGET REVIEW CONSIDERATION		
		EXPEND	INCOME	EXPEND	INCOME	EXPEND	INCOME	
	BUILDING/PLANNING							
12483	Planning Income		300,000		404,000		104,000	An increase in revenue due to the conservative approach of budgeting re Covid-19.
17783	PLANNING - Zoning Certificate Income		54,122		77,485		23,363	
14183	Building Licence Fees		275,000		339,652		64,652	
16254	Swim Enclosure	400,000		272,214		(127,786)		Total capital spend for 2020/21 is \$272,214, Grant agreement amended to reflect new funding agreement.
16525	Swim Enclosure Grant		200,000		136,107		(63,893)	
2171	Emu Point to Middleton Beach DOT Cap 20/21	195,750		102,980		(92,776)		Notification of unsuccessful grant application
19013	DOT Coastal Adaption Grant		92,544		32,544		(60,000)	
	RESERVES							
36953	Agistment of Lot 20 Lake Warburton Road		28,125		-		(28,125)	Income from Lake Warburton, not expected for another 4-5 years
1736	Munda Biddi Southern Terminus - Construction	-		120,000		120,000		Munda Biddi Southern Terminus Grant Funding - \$100k from DBCA (includes \$10k project management fee), \$30k from GSDC.
1737	Munda Biddi Southern Terminus - Project Management	-		10,000		10,000		
12085	Parks and Reserves Capital Grants		176,000		306,000		130,000	
	MAJOR PROJECTS							
3019	Ellen Cove Boardwalk/Jetty Connection	-		1,100,000		1,100,000		Ellen Cove Boardwalk/Jetty Connection - Middleton Beach State funds/Development WA.
16265	Middleton Beach Costal Enhancement Project		4,742,123		5,842,123		1,100,000	
2794	Town Hall - Fit Out Upgrade	215,000		240,700		25,700		Additional Public Regional Galleries Relief Fund Grant from DLGSCI: \$25,700
15065	Grant - Heritage Building/s Upgrades		1,030,000		1,055,700		25,700	
	TOTAL :	810,756	6,897,914	1,845,894	8,193,611	1,035,138	1,295,697	

CITY OF ALBANY

BUDGET REVIEW FOR THE PERIOD ENDING 31 OCTOBER 2020

SECTION						REQUESTED BY - RUTH MARCH		DIRECTORATE - INFRASTRUCTURE, DEVELOPMENT & ENVIRONMENT	
INFRASTRUCTURE									
ALIAS or GENERAL LEDGER	ACCOUNT DESCRIPTION	CURRENT BUDGET 2020/21		PROPOSED BUDGET 2020/21		BUDGET REVIEW CONSIDERATION		EXPLANATION	
		EXPEND	INCOME	EXPEND	INCOME	EXPEND	INCOME		
	INFRASTRUCTURE								
2700	Drainage - Range to Clive	176,177		36,177		(140,000)		Scope reduced.	
2758	King River Pipe	-		50,000		50,000		To facilitate drainage issues near caravan park	
2759	Eden Road Drainage	-		20,000		20,000		Eden Road culvert replacement (Nullaki gate)	
2762	Le Grande Ave Road Drainage	-		40,000		40,000		Le Grande Ave Culvert reconstruction	
2763	William Street Drainage	-		10,000		10,000		William Street Little Grove Infiltration pit (expansion)	
2764	Parker Brook Drainage	-		20,000		20,000		Parker Brook cleanout between Rufus and Harvey Road (Flood mitigation maintenance)	
2397	Bluff Overland Flood Route	315,000		65,000		(250,000)		Scope reduced as only minor repairs required	
2575	Sanford Road Reconstruction	1,306,000		1,556,000		250,000		Drainage upgrade on reseal section in addition to grant funded work to complete full upgrade of drainage that was previously outside of scope.	
2167	Stirling Terrace - York Street to New	60,000		-		(60,000)		Project not being delivered this financial year	
1973	Stirling Terrace - New to Spencer Street	30,000		70,000		40,000		Scope increased due to paving requirements to complete works to same standard as new section.	
2729	North / Lockyer / Ulster Roundabout Improve entry	67,471		-		(67,471)		This is a Federal funded project which has been withdrawn.	
14445	State Black Spot Funding		154,286		86,815		(67,471)	Not enough space to get pre-deflection in at the roundabout.	
	WASTE								
10893	WASTE - Sundry Income		1,062		57,473		56,411	Income from Cleanaway for Refuse disposal costs prior Yr. Undertake external audits through City's reporting software	
13668	TRF to - Waste Minimisation Reserve	8,214,278		8,270,689		56,411		(Mandalay) to investigate that correct external income is being received.	
	TOTAL :	10,168,926	155,348	10,137,866	144,288	(31,060)	(11,060)		

CITY OF ALBANY

BUDGET REVIEW FOR THE PERIOD ENDING 31 OCTOBER 2020

SECTION						REQUESTED BY - DUNCAN OLDE		DIRECTORATE - CORPORATE & COMMERCIAL SERVICES	
CORPORATE & COMMERCIAL SERVICES									
JOB or GENERAL LEDGER	ACCOUNT DESCRIPTION	CURRENT BUDGET 2020/21		PROPOSED BUDGET 2020/21		BUDGET REVIEW CONSIDERATION		EXPLANATION	
		EXPEND	INCOME	EXPEND	INCOME	EXPEND	INCOME		
	AIRPORT								
13793	Airport Landing Fees		962,500		1,418,439		455,939	An increase in revenue due to the conservative approach	
10567	Airport Employee Costs	366,979		401,979		35,000		Employee costs in relation to additional demand	
13923	AIRPORT - Car Parking Revenue		60,000		40,000		(20,000)	Anticipated decline in car parking revenue.	
13528	Transfer to the Airport Reserve	1,137,500		1,538,439		400,939		Adjustment to the transfer to the Airport Reserve.	
1387	Upgrade Airport Terminal	-		5,000		5,000		Minor internal fit-out changes required due to covid health	
7547	New GA Hangars	221,158		216,158		(5,000)		screening and changes required to accommodate ground handling.	
	RANGERS								
11374	Body Worn Cameras - Rangers	-		11,900		11,900		In response to ongoing customer behavioural issues.	
11103	ANIMAL - Dog Registrations		55,000		78,136		23,136	Higher level of Animal registrations than anticipated	
3018	DFES Mitigation Treatments	-		195,255		195,255		Fire access tracks DFES Mitigation Activity	
12923	Reserves Project Contributions		-		195,255		195,255	DFES Mitigation Activity Fund Grant Program Round 2	
	DEPRECIATION								
50029	Information Technology Depreciation	595,874		700,846		104,972		Net increases in depreciation a result of assets capitalised at	
50002	Library Depreciation Furniture & Equip	12,670		94,044		81,374		financial year end (30 June 2020), not accounted for at	
50010	Other Rec & Sport -Depreciation	1,674,008		2,008,404		334,396		setting the budget in July. Net decline in depreciation a result	
50012	Refuse- Depreciation Rehabilitation Asset	-		303,487		303,487		of some assets anticipated to depreciate to nil value in	
50016	Albany Heritage Park - Depreciation	235,398		50,232		(185,166)		FY20/21	
50018	Transport Infrastructure Depreciation	6,229,640		6,371,818		142,178			
	CARRY FWD ADJUSTMENT								
78695	Centennial Park - Grant		2,074,399		2,094,397		19,998	Carry Forward Adjustment	
75434	National Anzac Centre - Refresh Capital	415,461		492,882		77,421		Carry Forward Adjustment	
Various	Better Aging Project Expenses	293,602		332,244		38,642		Carry Forward Adjustment	
17053	Better Aging Project Grant		243,657		237,787		(5,870)	Carry Forward Adjustment	
3014	Eastern Pavilion Kiosk Fit-out	-		5,000		5,000		Carry Forward Adjustment	
	TOTAL :	11,182,290	3,395,556	12,727,688	4,064,014	1,545,398	668,458		

CITY OF ALBANY

BUDGET REVIEW FOR THE PERIOD ENDING 31 OCTOBER 2020

SECTION						REQUESTED BY - DUNCAN OLDE		DIRECTORATE - CORPORATE & COMMERCIAL SERVICES	
CORPORATE & COMMERCIAL SERVICES									
JOB or GENERAL LEDGER	ACCOUNT DESCRIPTION	CURRENT BUDGET 2020/21		PROPOSED BUDGET 2020/21		BUDGET REVIEW CONSIDERATION		EXPLANATION	
		EXPEND	INCOME	EXPEND	INCOME	EXPEND	INCOME		
	RATING								
10011	Back Rates		10,000		54,000		44,000	Additional rates raised referring to a prior year.	
10101	Interim Rates		200,000		288,031		88,031	Allowing for additional valuation changes from Landgate within the City's property rating data base.	
10121	RATES - Instalment Charges		80,000		67,298		(12,702)	Approximately 2,100 rate payers elected not to pay their rates	
10020	RATES - Instalment Interest Charges		74,000		47,555		(26,445)	by instalments.	
	FLEET MANAGEMENT								
13754	Passenger Vehicle Charging Station Points	-		40,000		40,000		Expand the City's electric vehicle charging station points at North Road Admin and Mercer Road Admin. Allows for expansion of the City's EV/Hybrid range of vehicles in years to come.	
	MEMBERS								
18102	Members Fees and Allowances	384,887		398,046		13,159		Recalculation for reduced fees for members of 20 % from 6 months to 4 months.	
31432	Mayoral Sitting Fee	80,778		83,540		2,762			
31442	Deputy Mayors Allowance	20,195		20,885		690			
	PEOPLE & CULTURE								
38282	Insurance Risk (OH&S) Mitigation Expenditure	-		24,171		24,171		Expenditure of LGIS funds for OH&S mitigation purposes	
38283	Insurance OH&S Rebate		-		24,171		24,171	Funds received from LGIS	
12848	Transfer to the Debt Management Reserve	3,230,264		3,159,402		(70,862)		Proposed loan No 47 (\$2.0m for various road works), forecast to no longer be required. Instead, works to be funded by general purpose funds, \$1,929,138, resulting from anticipated income gain relative to original budget. Net difference: \$-70,862, sourced from Debt Management Reserve.	
	TOTAL :	3,716,124	364,000	3,726,044	481,055	9,920	117,055		

RECONCILIATION OF OPENING FUNDS AS AT 1 JULY 2020

	(a)	(b)	VARIANCE	VARIANCE
ORIGINAL BUDGET 1-Jul-20	CURRENT BUDGET 1-Jul-20	BUDGET REVIEW CONSIDERATION	(b) - (a)	%
\$	\$	\$	\$	%
Current Assets				
Cash and Cash Equivalents	26,806,028	28,821,708	23,321,708 - 5,500,000	-20.5
Trade Receivables	3,057,897	2,485,629	2,464,580 - 21,049	-0.7
Contract Assets	55,000	649,337	649,337 -	-
Inventories	1,350,000	1,578,289	1,578,289 -	-
Other Current Assets	624,070	848,899	848,899 -	-
Other Financial Assets	11,820,345	12,000,000	17,513,307 - 5,513,307	
Total Current Assets	43,713,340	46,383,862	46,376,120 - 7,742	0.0
Current Liabilities				
Trade & Other Payables	4,289,751	5,851,878	5,766,715 - 85,163	-2.0
Contract Liabilities	1,048,880	1,094,479	1,094,479 -	-
Provisions	5,652,917	6,060,777	6,060,777 -	-
Current Portion of Long - - Term Borrowings	2,551,436	2,522,894	2,522,894 -	0.8
Lease Liabilities	168,191	170,923	170,923 -	-
Total Current Liabilities	13,711,175	15,700,951	15,615,788 - 85,163	-0.6
Net Current Asset Position	30,002,165	30,682,911	30,760,332 - 77,421	0.3
Adjustments				
Add back				
* Loan Borrowings	2,551,436	2,522,894	2,522,894 -	-
* Payments for principal portion of lease liabilities	168,191	170,923	170,923 -	-
Less				
Cash Backed Reserves	28,391,660	29,298,895	29,227,794 - 71,101	-0.3
Unspent Loans	102,070	-	- -	-
Repayment of Cash Advance's	12,899	13,307	13,307 -	-
Land held for Resale	158,000	158,000	158,000 -	-
Opening Funds Surplus/(Deficit)	4,057,163	3,906,526	4,055,048 - 148,522	3.7

(a) (Add back loan repayments as they represent a current liability for payments to be made over the next twelve months already reflected as expenditure)



CITY OF ALBANY
MONTHLY FINANCIAL REPORT
(Containing the Statement of Financial Activity)
FOR THE PERIOD ENDED 30 NOVEMBER 2020

LOCAL GOVERNMENT ACT 1995
LOCAL GOVERNMENT (FINANCIAL MANAGEMENT) REGULATIONS 1996

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Note 5 Capital Acquisitions

**CITY OF ALBANY
COMPILATION REPORT
FOR THE PERIOD ENDED 30 NOVEMBER 2020**

Report Purpose

This report is prepared to meet the requirements of Local Government (Financial Management) Regulations 1996, Regulation 34.

Overview

No matters of significance are noted.

Statement of Financial Activity by reporting nature or type

Shows a Closing Funding Position for the period ended 30 November 2020 of \$33,195,229.

Note: The Statements and accompanying notes are prepared based on all transactions recorded at the time of preparation and may vary.

Preparation

Prepared by: S. Van Nierop
Manager Finance

Reviewed by: D. Olde
Executive Director Corporate & Commercial Services

Date prepared: 04-Dec-2020

**CITY OF ALBANY
STATEMENT OF FINANCIAL ACTIVITY
BY NATURE OR TYPE
FOR THE PERIOD ENDED 30 NOVEMBER 2020**

	Ref Note	Original Annual Budget	Revised Annual Budget	YTD Budget (a)	YTD Actual (b)	Var. \$ (b)-(a)	Var. % (b)-(a)/(a)	Var.
		\$	\$	\$	\$	\$	%	
Operating Revenues								
Rate Revenue		38,713,076	38,713,076	38,661,076	38,753,675	92,599	0%	
Grants & Subsidies		3,841,554	3,841,048	1,250,539	1,209,983	(40,556)	(3%)	
Contributions, Donations & Reimbursements		759,356	856,782	235,175	556,823	321,648	137%	▲
Profit on Asset Disposal		1,000	1,000	250	32,343	32,093	12837%	
Fees and Charges		14,616,563	14,616,563	6,657,045	8,518,535	1,861,490	28%	▲
Interest Earnings		533,114	533,114	262,320	220,834	(41,486)	(16%)	
Other Revenue		183,306	183,306	76,345	48,881	(27,464)	(36%)	
		58,647,969	58,744,889	47,142,750	49,341,074			
Operating Expenses								
Employee Costs		(25,490,427)	(25,490,588)	(9,628,610)	(8,857,443)	771,167	8%	▼
Materials and Contracts		(20,949,996)	(20,425,358)	(7,736,776)	(5,827,201)	1,909,575	25%	▼
Utilities Charges		(1,786,962)	(1,786,962)	(575,705)	(660,177)	(84,472)	(15%)	
Depreciation (Non-Current Assets)		(16,848,328)	(16,848,328)	(7,017,310)	(7,359,883)	(342,573)	(5%)	▲
Interest Expenses		(640,704)	(640,704)	(63,595)	(42,038)	21,557	34%	
Insurance Expenses		(738,880)	(738,880)	(738,880)	(670,780)	68,100	9%	
Loss on Asset Disposal		(454,292)	(454,292)	(151,501)	(85,256)	66,245	44%	
Other Expenditure		(2,721,166)	(2,711,934)	(1,364,957)	(1,282,152)	82,805	6%	
Less: Allocated to Infrastructure		916,295	916,295	381,625	412,702	31,077	(8%)	
		(68,714,460)	(68,180,751)	(26,895,709)	(24,372,229)			
Contributions for the Development of Assets								
Grants & Subsidies		16,818,720	18,925,537	505,203	452,748	(52,455)	(10%)	
Contributions, Donations & Reimbursements		457,266	4,326,219	70,926	124,990	54,064	(76%)	
		17,275,986	23,251,756	576,129	577,738			
Net Operating Result								
		7,209,495	13,815,894	20,823,170	25,546,583			
Funding Balance Adjustment								
Add Back: Depreciation		16,848,328	16,848,328	7,017,310	7,359,883	342,573	5%	▲
Adjust (Profit)/Loss on Asset Disposal		453,292	453,292	151,251	52,913	(98,338)	(65%)	
Movement From Non-Current to Current		-	-	-	113,525	113,525	100%	▲
Funds Demanded From Operations		24,511,115	31,117,514	27,991,731	33,072,905			
Capital Revenues								
Proceeds from Disposal of Assets		675,500	675,500	341,250	374,859	33,609	10%	
		675,500	675,500	341,250	374,859			
Acquisition of Fixed Assets								
Land and Buildings	5	(7,118,042)	(10,425,790)	(1,895,779)	(1,106,028)	789,751	42%	▼
Furniture, Plant and Equipment	5	(3,604,178)	(4,417,056)	(788,606)	(524,783)	263,823	33%	▼
Infrastructure Assets - Roads	5	(7,050,384)	(7,536,596)	(1,599,479)	(746,662)	852,817	53%	▼
Infrastructure Assets - Coastal Enhancement	5	(5,654,670)	(5,685,984)	(4,480,000)	(430,573)	4,049,427	90%	▼
Infrastructure Assets - Other	5	(13,865,612)	(15,009,789)	(5,636,880)	(1,242,204)	4,394,676	78%	▼
		(37,292,886)	(43,075,215)	(14,400,744)	(4,050,251)			
Financing/Borrowing								
Repayment of Borrowing		(2,522,892)	(2,522,892)	(227,061)	(192,715)	34,346	15%	
Proceeds from Borrowing		2,000,000	2,000,000	-	-	-	-	
Principal Portion of Lease Liabilities		(170,922)	(170,922)	(67,333)	(71,218)	(3,885)	(6%)	
Self-Supporting Loan Principal		13,307	13,307	6,602	6,602	(0)	0%	
		(680,507)	(680,507)	(287,792)	(257,331)			
Demand for Resources								
		(12,786,778)	(11,962,708)	13,644,445	29,140,182			
Restricted Funding Movements								
Opening Position		4,057,162	3,906,526	3,906,526	4,055,047	148,521	4%	▲
Restricted Cash Utilised - Loan		102,070	-	-	-	-	-	
Transfer to Reserves		(13,834,304)	(14,229,304)	-	-	-	100%	
Transfer from Reserves		22,461,850	22,307,628	-	-	-	100%	
		12,786,778	11,984,850	3,906,526	4,055,047			
Closing Funding Surplus/(Deficit)								
		-	22,142	17,550,971	33,195,229			

REPORT ITEM CCS 318 REFERS

CITY OF ALBANY NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY FOR THE PERIOD ENDED 30 NOVEMBER 2020

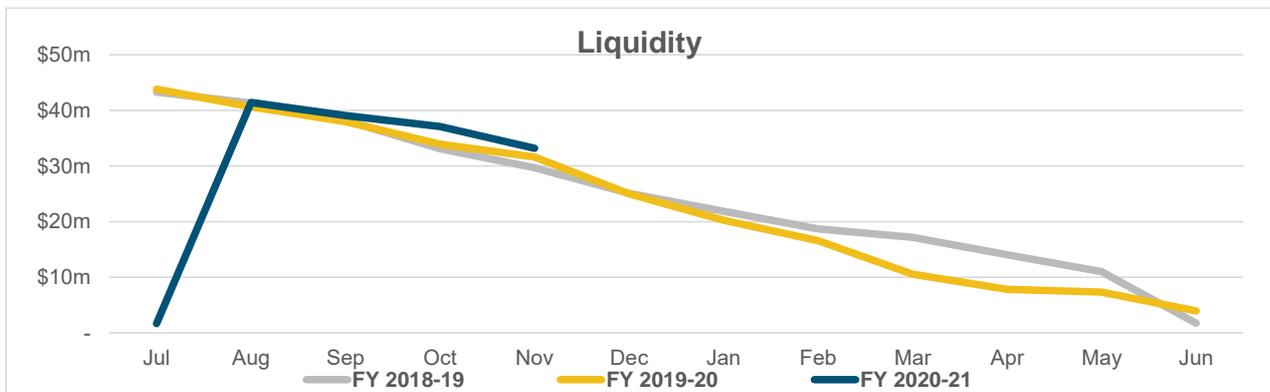
NOTE 1 EXPLANATION OF MATERIAL VARIANCES TO YTD BUDGET IN EXCESS OF \$100,000

	Var. \$	Var. %	Var.	Timing/ Permanent	Explanation of Variance
	\$	%			
Operating Revenues					
Rate Revenue	92,599	0%			No material variance.
Grants & Subsidies	(40,556)	(3%)			No material variance.
Contributions, Donations & Reimbursements	321,648	137%	▲	Permanent	Includes non-budgeted \$190k compensation income (a result of a contractor failing to meet contractual agreements), \$50k contribution from Rio Tinto to strengthen the City's COVID-19 relief response to the community, and \$57k from Cleanaway for refuse disposal costs from prior year. All items noted above addressed in 31 Oct 2020 budget review (CCS316).
Profit on Asset Disposal	32,093	12837%			No material variance.
Fees and Charges	1,861,490	28%	▲	Timing	Performance ahead of YTD budget across most areas of the City. Significant positive variances include ALAC (\$523k var), Airport (\$315k), NAC/Forts (\$316k), and Planning/Building (\$247k). Significant fees & charges variances addressed in 31 Oct 2020 budget review (CCS316). Comparing to November-2019, and excluding fees and charges relating to waste charges billed as part of rates, income is down \$115k (2%). Large increases relative to November 2019 have been made in Planning/Building, whereas lesser performance compared to November 2019 is at the Airport and ALAC.
Interest Earnings	(41,486)	(16%)			No material variance.
Other Revenue	(27,464)	(36%)			No material variance.
Operating Expenses					
Employee Costs	771,167	8%	▼	Timing	Underspend Salaries & Wages (\$-523k YTD variance) and Leave accrual provisions (-\$156k YTD variance), primarily due to budgeted positions not yet filled, and staff utilising leave entitlements. Training & Education spend down (-\$132k YTD variance). Offset by increase in Workers Compensation Insurance relative to budget (\$32k YTD variance - permanent). Labour Hire (reported under Materials & Contracts) YTD spend is \$46k, below YTD budget by \$12k. Labour Hire spend YTD Nov-2019 totalled \$408k, therefore a \$362k reduction year-on-year. Incorporating Labour Hire charges, and removing workers compensation wages (offset by reimbursement classified as income), employee expenses total \$8.86m against a YTD budget of \$9.67m, a variance of -\$0.81m.
Materials and Contracts	1,909,575	25%	▼	Timing	Many variances across 282 accounts (average of -\$6.8k variance for each account). Analysis by type of expenditure shows majority of underspend relates to Materials/Consumables (\$798k), Professional Services (\$505k) and Contract Works (\$214k). Analysis by Project shows majority of underspend relates to Road Maintenance (\$291k variance), Trades Rectification Maintenance (\$124k) and Better Bins Kerbside Collection Program (\$100k).
Utilities Charges	(84,472)	(15%)			No material variance.
Depreciation (Non-Current Assets)	(342,573)	(5%)	▲	Permanent	Relates to additional depreciation on assets capitalised at financial year end (30 June 2020). Non cash, addressed in 31 Oct 2020 budget review (CCS316).
Interest Expenses	21,557	34%			No material variance.
Insurance Expenses	68,100	9%			No material variance.
Loss on Asset Disposal	66,245	44%			No material variance.
Other Expenditure	82,805	6%			No material variance.
Less: Allocated to Infrastructure	31,077	(8%)			No material variance.
Contributions for the Development of Assets					
Grants & Subsidies	(52,455)	(10%)			No material variance.
Contributions, Donations & Reimbursements	54,064	(76%)			No material variance.
Funding Balance Adjustment					
Add Back: Depreciation	342,573	5%	▲	Permanent	Relates to additional depreciation on assets capitalised at financial year end (30 June 2020). Non cash, addressed in 31 Oct 2020 budget review (CCS316).
Adjust (Profit)/Loss on Asset Disposal	(98,338)	(65%)			No material variance.
Movement From Non-Current to Current	113,525	100%	▲	Permanent	Payments reported as WIP as at 30 June 2020, to be capitalised in FY20/21 and therefore transferred to be current.
Capital Revenues					
Proceeds from Disposal of Assets	33,609	10%			No material variance.
Acquisition of Fixed Assets					
Land and Buildings	789,751	42%	▼	Timing	Various. Includes Security System upgrades of City buildings, Library Fitout, City buildings general upgrades
Furniture, Plant and Equipment	263,823	33%	▼	Timing	Primarily timing of heavy plant replacements, IT capital expenditure (Links @ ALAC, Server Room Upgrades, CCTV)
Infrastructure Assets - Roads	852,817	53%	▼	Timing	Timing of completion of numerous road jobs, including Drummond St, Mermaid Ave, Palmdale Rd, and North Rd.
Infrastructure Assets - Coastal Enhancement	4,049,427	90%	▼	Timing	Middleton Beach Public Realm Enhancements
Infrastructure Assets - Other	4,394,676	78%	▼	Timing	Primarily Airport runway resurfacing (\$1.54m YTD variance), Centennial Park Sporting Precinct projects: \$345k variance (Youth Precinct, Public Realm Enhancements), and various other Drainage, Footpaths, Reserves, and other infrastructure projects.
Financing/Borrowing					
Repayment of Borrowing	34,346	15%			No material variance.
Proceeds from Borrowing	-				No material variance.
Principal Portion of Lease Liabilities	(3,885)	(6%)			No material variance.
Self-Supporting Loan Principal	(0)	0%			No material variance.
Restricted Funding Movements					
Opening Position	148,521	4%	▲	Permanent	Adjustments made as a result of final year audit
Restricted Cash Utilised - Loan	-				No material variance.
Transfer to Reserves	-	100%			No material variance.
Transfer from Reserves	-	100%			No material variance.

REPORT ITEM CCS 318 REFERS
CITY OF ALBANY
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
FOR THE PERIOD ENDED 30 NOVEMBER 2020

NOTE 2
NET CURRENT FUNDING POSITION

	Ref Note	FOR THE PERIOD ENDED 30 NOVEMBER 2020	FOR THE PERIOD ENDED 31 OCTOBER 2020	FOR THE PERIOD ENDED 30 NOVEMBER 2019
		\$	\$	\$
Current Assets				
Cash Unrestricted		33,216,215	34,018,763	29,149,831
Cash Restricted		29,333,236	29,298,981	30,151,676
Receivable - Rates and Rubbish	4	12,767,227	15,924,140	13,368,759
Receivables - Other		1,227,704	1,243,279	1,198,370
Accrued Income		171,793	301,170	160,371
Prepaid Expenses		39,376	95,998	162,227
Investment Land		76,000	158,000	158,000
Community Group Loan		6,706	6,706	6,500
Stock on Hand		1,307,928	1,364,578	1,559,243
		78,146,186	82,411,615	75,914,976
Less: Current Liabilities				
Payables		(2,224,084)	(3,197,840)	(3,342,846)
Borrowings		(2,330,180)	(2,381,631)	(2,255,178)
Prepaid Rates		(449,436)	(371,487)	(998,417)
Contract Liabilities		(3,679,108)	(2,257,556)	(4,068,324)
Lease Liabilities		(99,705)	(113,948)	(98,112)
Accrued Expenses		(28,894)	(29,649)	(5,384)
Income in advance		(3,232,454)	(4,081,169)	(59,324)
Provisions		(5,901,850)	(5,879,345)	(5,546,013)
Retentions		(124,631)	(124,631)	(77,825)
		(18,070,342)	(18,437,256)	(16,451,421)
Add Back: Borrowings		2,330,180	2,381,631	2,255,178
Add Back: Lease liability payments		99,705	113,948	-
(Less): Cash Backed Reserves		(29,227,794)	(29,227,794)	(29,932,833)
(Less): Loans Receivable (Current)		(6,706)	(6,706)	(6,500)
(Less): Investment land		(76,000)	(158,000)	(158,000)
		(26,880,615)	(26,896,920)	(27,842,155)
Net Current Funding Position		33,195,229	37,077,439	31,621,400



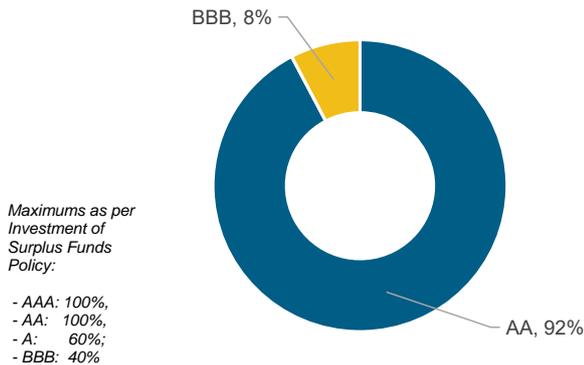
COMMENTS:

**CITY OF ALBANY
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
FOR THE PERIOD ENDED 30 NOVEMBER 2020**

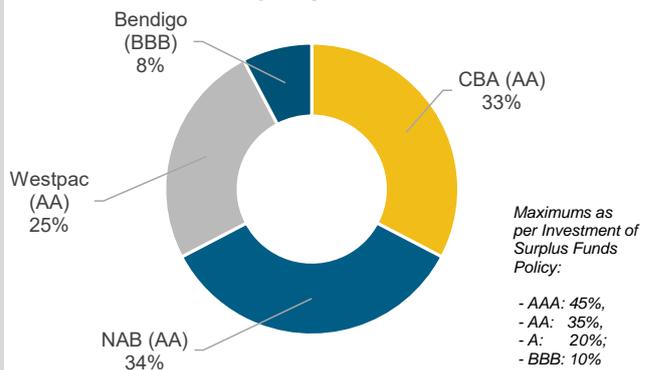
**NOTE 3
CASH INVESTMENTS**

Investment Type	Institution	S&P Rating	Interest Rate	Deposit Date	Maturity	Investment Term Category	Amount Invested (\$)	Expected Interest (\$)
General Municipal	NAB	AA	0.67%	22-Sep-20	21-Dec-20	0 to 3 months	3,000,000	4,956
General Municipal	Westpac	AA	0.55%	24-Sep-20	23-Dec-20	0 to 3 months	3,000,000	4,068
General Municipal	CBA	AA	0.40%	08-Oct-20	06-Jan-21	0 to 3 months	3,000,000	2,959
General Municipal	NAB	AA	0.58%	09-Oct-20	07-Jan-21	0 to 3 months	3,000,000	4,290
General Municipal	NAB	AA	0.66%	24-Sep-20	22-Jan-21	3 to 6 months	2,000,000	4,340
General Municipal	CBA	AA	0.35%	04-Nov-20	02-Feb-21	0 to 3 months	3,000,000	2,589
General Municipal	Westpac	AA	0.65%	10-Sep-20	09-Feb-21	3 to 6 months	3,000,000	8,121
General Municipal	Bendigo	BBB	0.55%	24-Sep-20	22-Feb-21	3 to 6 months	2,000,000	4,551
General Municipal	CBA	AA	0.29%	30-Nov-20	28-Feb-21	0 to 3 months	2,000,000	1,430
General Municipal	NAB	AA	0.45%	30-Nov-20	02-Mar-21	0 to 3 months	2,000,000	2,268
							26,000,000	39,573
Restricted	Bendigo	BBB	0.50%	14-Sep-20	13-Dec-20	0 to 3 months	2,000,000	2,466
Restricted	NAB	AA	0.92%	16-Jun-20	14-Dec-20	3 to 6 months	3,000,000	13,687
Restricted	CBA	AA	0.48%	07-Oct-20	07-Jan-21	0 to 3 months	2,000,000	2,420
Restricted	Westpac	AA	0.80%	20-Jul-20	19-Jan-21	6 to 12 months	3,000,000	12,033
Restricted	Westpac	AA	0.75%	31-Jul-20	28-Jan-21	3 to 6 months	4,000,000	14,877
Restricted	NAB	AA	0.45%	16-Nov-20	15-Feb-21	0 to 3 months	2,000,000	2,244
Restricted	CBA	AA	0.51%	22-Sep-20	22-Mar-21	3 to 6 months	3,500,000	8,852
Restricted	CBA	AA	0.38%	24-Nov-20	24-May-21	3 to 6 months	3,500,000	6,595
Restricted	NAB	AA	0.45%	30-Nov-20	02-Mar-21	0 to 3 months	3,000,000	3,403
							26,000,000	66,575
Weighted Average Interest Rate: 0.56%							Total: 52,000,000	106,148

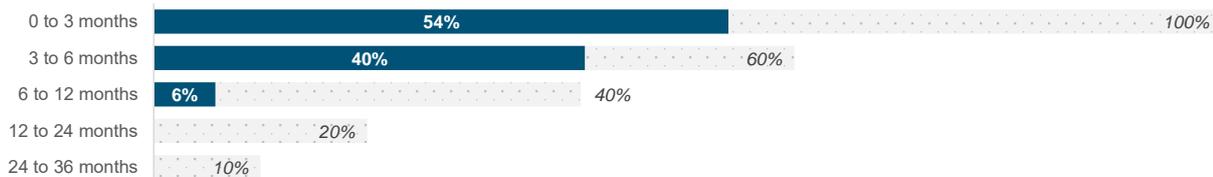
Portfolio Credit Framework



Counterparty Credit Limits



Term to Maturity Framework

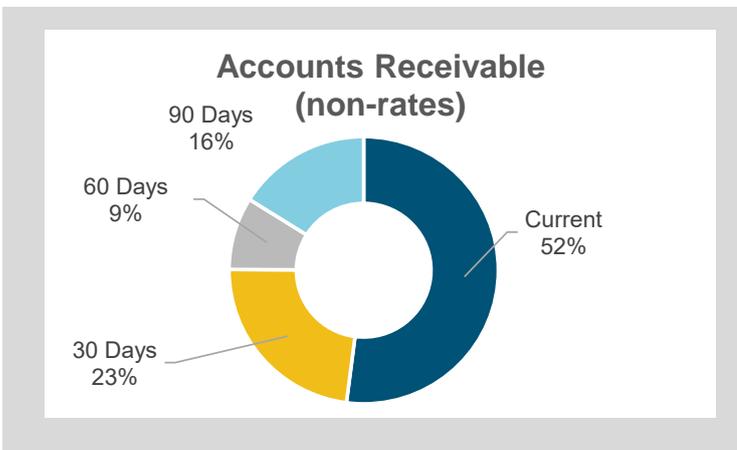
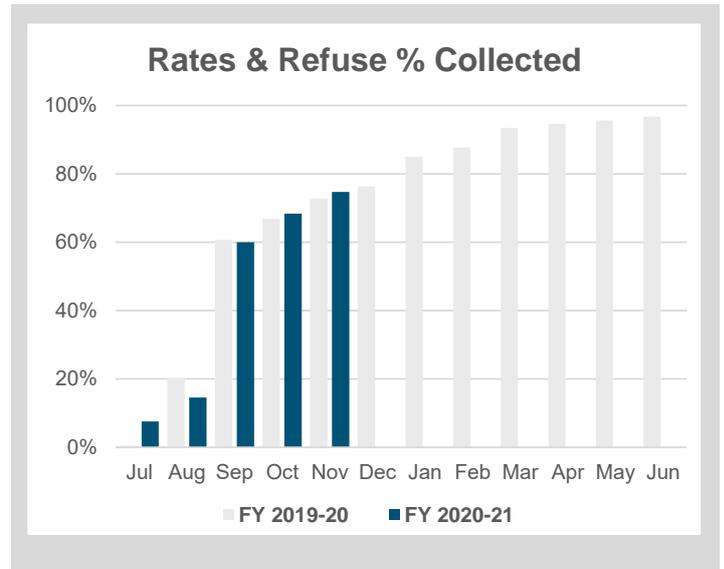


COMMENTS:

**CITY OF ALBANY
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
FOR THE PERIOD ENDED 30 NOVEMBER 2020**

**NOTE 4
RECEIVABLES**

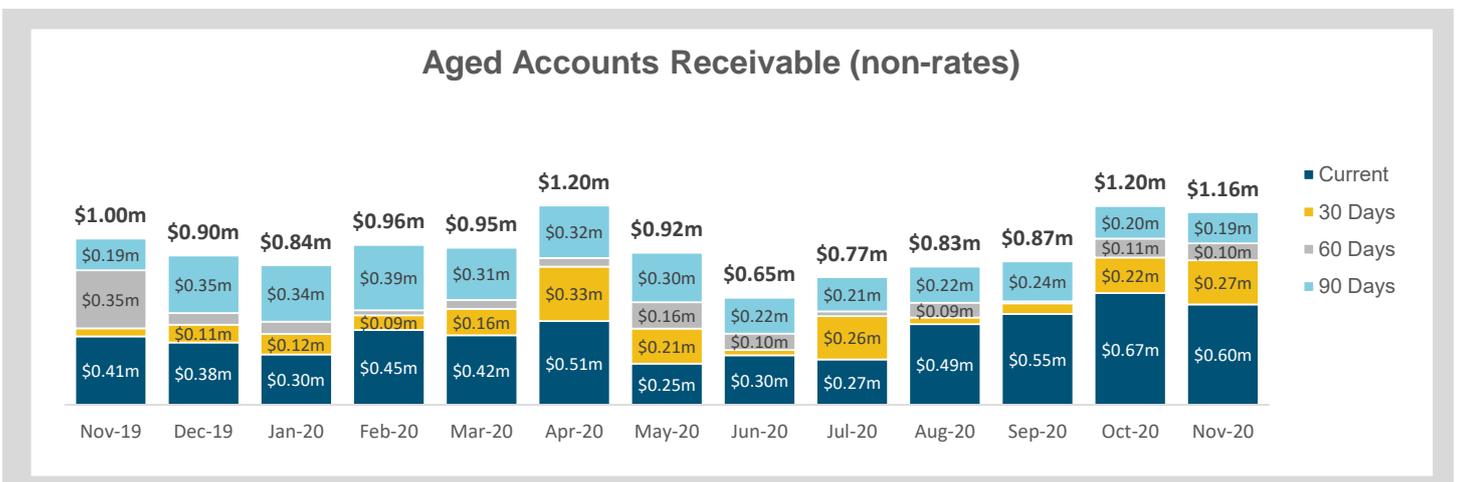
<u>Rates & Refuse % Collected</u>	<u>\$</u>
Opening Arrears Previous Years	1,527,901
Rates Levied	38,753,675
Refuse Levied	6,463,284
ESL Levied	3,515,084
Other Charges Levied	190,593
Amount Levied	50,450,537
(Less): Collections (Prior Years)	(813,789)
(Less): Collections (Current Year)	(36,869,521)
Amount Collected	(37,683,310)
Total Rates & Charges Collectable	12,767,227
<i>% Collected</i>	<i>74.7%</i>



Accounts Receivable (non-rates)

	<u>\$</u>	<u>%</u>
Current	604,807	52%
30 Days	267,888	23%
60 Days	102,000	9%
90 Days	187,321	16%
	1,162,016	100%

Amounts shown above include GST (where applicable)



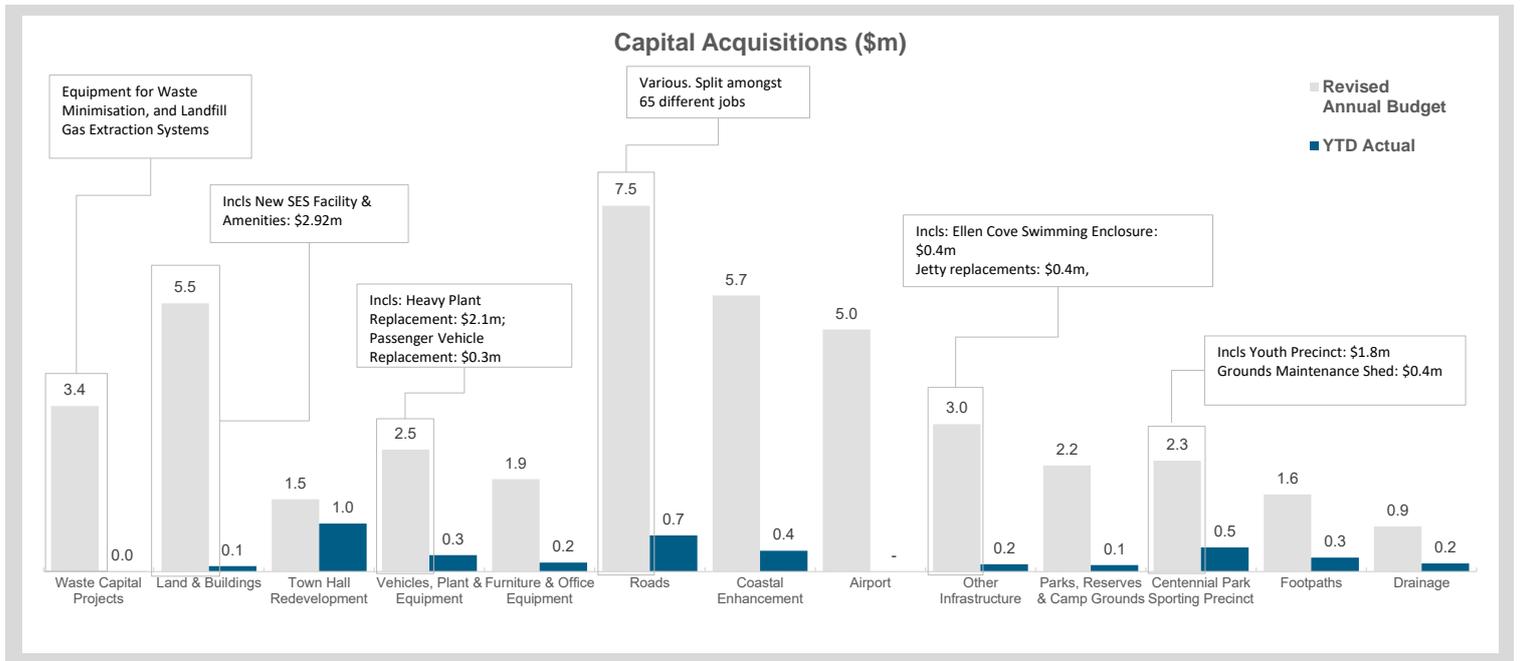
Leasing: COVID Rent Concession

Total rent concessions approved to date under the City of Albany COVID-19 Rent Concession (CCS237, SCM021) totals \$213,168.81 (inc GST) for the period 1 April 2020 to 30 September 2020 (as at 1 December 2020).

**CITY OF ALBANY
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
FOR THE PERIOD ENDED 30 NOVEMBER 2020**

**NOTE 5
CAPITAL ACQUISITIONS**

Capital Acquisitions	Category	Original Annual Budget	Revised Annual Budget	YTD Budget (a)	YTD Actual (b)	Var. \$ (b)-(a)	Var. % (b)-(a)/(a)	Var.
		\$	\$	\$	\$	\$	%	
Waste Capital Projects	Land and Buildings	3,407,528	3,407,528	326,882	4,480	(322,402)	(99%)	▼
Land & Buildings	Land and Buildings	2,322,202	5,527,430	624,315	112,616	(511,699)	(82%)	▼
Town Hall Redevelopment	Land and Buildings	1,388,312	1,490,832	944,582	988,932	44,350	5%	
Vehicles, Plant & Equipment	Furniture, Plant and Equipment	2,496,000	2,511,285	486,650	339,961	(146,689)	(30%)	▼
Furniture & Office Equipment	Furniture, Plant and Equipment	1,108,178	1,905,771	301,956	184,822	(117,134)	(39%)	▼
Roads	Infrastructure Assets - Roads	7,050,384	7,536,596	1,599,479	746,662	(852,817)	(53%)	▼
Coastal Enhancement	Infrastructure Assets - Coastal Enhancement	5,654,670	5,685,984	4,480,000	430,573	(4,049,427)	(90%)	▼
Airport	Infrastructure Assets - Other	4,985,500	4,985,500	1,538,308	0	(1,538,308)	(100%)	▼
Other Infrastructure	Infrastructure Assets - Other	2,220,582	3,037,957	893,678	153,439	(740,239)	(83%)	▼
Parks, Reserves & Camp Grounds	Infrastructure Assets - Other	2,052,115	2,187,039	876,357	133,736	(742,621)	(85%)	▼
Centennial Park Sporting Precinct	Infrastructure Assets - Other	2,263,453	2,283,029	843,264	497,958	(345,306)	(41%)	▼
Footpaths	Infrastructure Assets - Other	1,410,941	1,588,382	890,893	289,206	(601,687)	(68%)	▼
Drainage	Infrastructure Assets - Other	933,021	927,882	594,380	167,865	(426,515)	(72%)	▼
Total Capital Acquisitions		37,292,886	43,075,215	14,400,744	4,050,251	(10,350,493)	(72%)	▼



COMMENTS:

**Lot 3348 and 4120
Marbelup North Road,
Marbelup WA 6330**

Environmental Assessment Report and Operations Plan



Bio Diverse Solutions

Final v. 3

23/10/2020

DOCUMENT CONTROL

TITLE

Lot 3348 and 4120 Marbelup North Road, Marbelup Environmental Assessment Report and Operations Plan
 Author (s): Kathryn Kinnear and Bianca Theyer
 Reviewer (s): Kathryn Kinnear, Helen O'Neill
 Job No.: MSC0282
 Client: A.D. Contractors Pty Ltd

REVISION RECORD

Revision	Summary	Prepared By	Reviewed By	Date
Draft ID v 1 4/05/2020	Internal QA review.	B. Theyer	K. Kinnear	6/05/2020
Draft ID v.2 6/05/2020	Updates as per QA review. Submitted to Client and secondary internal QA review.	B. Theyer	H. O'Neill R. Smith	6/05/2020
Draft ID v 3 18/05/2020	Updated as per internal and Client review and submitted to Client for finalisation.	B. Theyer	C. van der Mescht	18/05/2020
Final ID v 1	Submitted to client as final	B. Theyer	K. Kinnear	25/05/2020
Final ID v 2 22/10/2020	Updated as per CoA submissions and government agency comments.	B. Theyer	K. Kinnear	22/10/2020
Final ID v 3 23/10/2020	Updated as per Client review and submitted to Client as final.	B. Theyer	K. Kinnear	23/10/2020



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Figure 2: Photographs of the Managed Grassland vegetation type.

Figure 3: Photographs taken in stands of paddock trees within the proposed extraction area.

Figure 4: Photographs of the *Melaleuca preissiana* and *Homalospermum firmum* heath vegetation type.

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Figure 7: Private driveway design requirements (WAPC, 2017)

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Appendix A – Site Facility Mapping

Appendix B – Water Features Mapping

Appendix C – Vegetation Mapping

Appendix D – Bushfire Mapping

Appendix E – Database Searches

1. Introduction

Bio Diverse Solutions (Environmental Consultants) was commissioned by A.D. Contractors (“The Client”) as environmental consultants to prepare an Environmental Assessment Report and Extraction Operations Plan for the proposed extraction project at Lots 3348 and 4120 Marbelup Road North, Marbelup within the City of Albany. The purpose of this document is to assess the environmental values for the site, assess the proposed facility and provide supporting documentation for a Development Application with the City of Albany. The document provides and outlines details of emissions associated with the project and associated mitigation measures.

1.1. Alignment to Legislation, Policy and Guidelines

In assessing the proposed gravel extraction facility, Bio Diverse Solutions has prepared this report aligned to the following legislation:

- *Biosecurity and Agriculture Management Act 2007 (BAM Act);*
- *Environmental Protection Act 1986;*
- *Environmental and Protection and Biodiversity Conservation Act 1999 (EPBC Act);*
- **Environmental Protection Authority (EPA) (2005) *Separation Distances between Industrial and Sensitive Land Uses – Guidance Statement No. 3 (current and endorsed guideline);***
- **Due regard to the *Draft Separation Distances between Industrial and Sensitive Land Uses (2015);***
- *Environmental Weeds Strategy for Western Australia 1999;*
- *Wildlife Conservation Act 1950;*
- *Biodiversity and Conservation Act 2016;*
- *Conservation and Land Management Act 1980 (CALM Act);*
- *Environmental Code of Practise – Extractive Industries (1990) – DEP (now EPA);*
- *Water Quality Protection Note No.25 (2016), Land use compatibility tables for public drinking water source areas – DoW (now DWER);*
- *Water Quality Protection Note No.15 (2019) Basic raw materials extraction –DWER; and*
- *City of Albany Policy Extractive Industries and Mining.*

The preparation of this plan is to guide extraction activities by A.D. Contractors as per the City of Albany Policy: Extractive Industries and Mining. Licensing of extraction is the delegated authority of the Local government Authority. Any operations which are subject to regulation under the *Environmental Protection Act (1986) (EP Act)* are delegated to the Department of Water regulation and compliance to administered licensing under the *Environmental Protection Regulations (1987)*. Interpretation of the regulations is defined through guidelines. The current and endorsed guideline pertaining to sensitive land uses and setback requirements in the Environmental Protection Authority (EPA) (2005) *Separation Distances between Industrial and Sensitive Land Uses – Guidance Statement No. 3.*

The activity of crushing and screening is only examined in this document as a component of the noise management plan. Buffers, setbacks and licensing conditions are to be dealt with by DWER as part of a works approval application by the proponent.

2. Background

2.1. Site Details

The “property” is defined as Lots 3348 and 4120 Marbelup North Road and is located 20km north west of the Albany CBD along Marbelup North Road in the municipality of the City of Albany. The property is 155.4 hectares in total and is zoned as “General Agriculture” under the City of Albany Local Planning Scheme No. 1. The “extraction area” is defined as the 34.4ha area in which extraction will occur with 7 stages defined as by the existing fencing within the property. There are multiple pits within each stage. The “crushing and screening extents” are defined as the area in which crushing and screening operations will occur. Please refer to Figure 1 below and Appendix A - Site Facility Mapping.



Figure 1: Property Locality

2.2. Existing Land Uses

Currently the property is being utilised for cattle grazing / general agriculture and there are no residential dwellings located within the property. The adjacent surrounding properties are also zoned as “General Agriculture”. After extraction activities are complete (anticipated within 7-8 years) the property will return to agricultural grazing pursuits. The remnant bushland vegetation in the eastern portion of the property is fenced off and is part of the voluntary “Land for Wildlife” (No. 2230).

2.3. Adjacent Land uses and Tenure

The subject site is located within an agricultural area, with residential agricultural properties to the west, east and south. There are also several Blue Gum plantations located along Marbelup North Road. There is another gravel extraction project located to the east of the property (adjacent to the railway tracks). The Down Road Nature Reserve (R20948) is located to the east of the railway line adjacent to the property.

3. Desktop Assessment

Desktop assessment was undertaken of government databases to ascertain environmental aspects both within the property and the surrounding area. This assessment was conducted to various levels, ranging from state-wide to area specific information and includes information on climate, geology and soils, environmentally sensitive areas, acid sulfate soils, public drinking water areas, water bodies and Aboriginal heritage. Desktop inventory of potential Threatened and Priority flora and fauna species likely to occur within 10km of the property was undertaken using the following databases:

- 10km NatureMap Database Search (combined data from DBCA, WA Museum and WA Herbarium);
- Protected matters search tool (DAWE 2020); and
- WA Herbarium records accessed through Flora Base (Western Australian Herbarium, DBCA).

Based on results from the above databases there are 23 conservation significant flora species and 52 conservation significant fauna species potentially present within the 10km property. The full species list compiled from all available data (Appendix E) is based on observations from a 10km study area and is likely to include species that would not occur in the property due to a lack of suitable habitat. The data also includes very old records and in some cases the species in question may have become locally or regionally extinct.

The conservation significance of flora and fauna species has been assessed using data from the following sources:

- *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act). Administered by the Australian Government Department of Agriculture, Water and Environment (DAWE);
- *Biodiversity Conservation Act 2016* (BC Act). Administered by the Western Australian Department of Biodiversity Conservation and Attractions (DBCA); and
- DBCA Priority Flora list. A non-legislative list maintained by DBCA for management purposes.

3.1. Climate

The nearest Bureau of Meteorology (BoM) operational station is Albany (Site No. 009500). The average maximum temperature is 19.5°C whilst the average minimum temperature is 11.8°C. The average annual rainfall for the station is 925.1mm, with the majority of rainfall occurring between May and September (BoM, 2020).

3.2. Topography

The property is located in an undulating landscape in the Marbelup area. The property has eastern and south western aspects with slopes from the eastern boundary ranging from 25m AHD to 60m AHD. The south western corner of the property slopes from 45m AHD to 60m AHD. The paddocks within the northern portion of the property is relatively flat with the majority of the area located within the 60-65m AHD contour line.

3.3. Geology and Soils

Database searches using the NRInfo Portal (Department of Primary Industries and Regional Development, 2020) shows the property lies within the King System (242Kg). **The system is described as “Dissected siltstone and sandstone terrain, on the southern edge of the Albany Sandplain Zone, with shallow gravel, sandy gravel, grey sandy duplex and pale deep sand. Jarrah-marri-sheoak woodland and mallee-heath.”** (DPIRD, 2020). **The Albany Sandplain Zone is described as having “Gently undulating plain dissected by a number of short rivers flowing south. Eocene marine sediments overlying Proterozoic granitic and metamorphic rocks. Soils are sandy duplex soils, often alkaline and sodic, with some sands and gravels.”** (DPIRD, 2020).

3.4. Water

The property lies within the Denmark Coast Catchment area and the Albany Sandplain Hydrological Zone (HZ20_AS) which is describes as *“Gently undulating plain dissected by a number of short rivers flowing south. Eocene marine sediments overlying Proterozoic granitic and metamorphic rocks. Soils are sandy duplex soils, often alkaline and sodic, with some sands and gravels”* (DPIRD, 2020b). There is a major tributary that runs through the adjacent private properties to the north of the survey area that extends south across South Western Highway. It does not intersect the “**extraction area**”. No other wetland areas were identified as being present within the extraction area during the desktop assessment.

The property slopes to the east from 60m AHD to 25m AHD, with the steepest section lying within the remnant vegetation in the east. The Marbelup Brook runs along the eastern boundary of the property boundaries, where the Marbelup Flats is located which is a Conservation class category wetland. The property is located in a Priority 2 Public Drinking Water Source Area and within the RIWI Act Proclaimed "Albany Groundwater Area" and the "Marbelup Groundwater Subarea" (WALGA 2020a and b). There is a groundwater bore located in the northern paddock area and is constructed to 35m. The drill log (refer to Appendix B) states the static water level was 27m when constructed in 2010. Refer to Appendix B – Water Features Mapping.

3.5. Acid Sulfate Soils

There are no areas within the property mapped as containing Acid Sulfate Soils.

3.6. Remnant Vegetation

The property lies within the Southern Jarrah Forest JAF02 IBRA subregion. Hearn et al (2002) describes the IBRA region as "Duricrusted plateau of Yilgarn Craton characterised by Jarrah-Marri forest on laterite gravels and, in the eastern part, by Wandoo - Marri woodlands on clayey soils. Eluvial and alluvial deposits support Agonis shrublands. In areas of Mesozoic sediments, Jarrah forests occur in a mosaic with a variety of species-rich shrublands."

The vegetation has been mapped on a broad scale by J.S. Beard (Shepherd *et al.* 2002) in the 1970's, where a system was devised for state-wide mapping and vegetation classification based on geographic, geological, soil, climate structure, life form and vegetation characteristics (Sandiford and Barrett, 2010). Vegetation units were regarded as associations and were grouped into Vegetation Systems representing a particular pattern of association distribution within a given area. A GIS search of J.S. Beards (Beard *et al.* 2013) vegetation classification places the subject site within two System and Vegetation Association (Source Pre-European dataset, DPIRD-006):

- **System Association Name:** Albany
- **Vegetation Association Number:** 978.
- **Structure Description:** Low forest, woodland or low woodland with scattered trees
- **Floristic Description:** Jarrah, banksia or casuarina *Eucalyptus marginata*, *Banksia spp.*, *Allocasuarina spp.*
- **Remnant Vegetation by Beard Association Rarity in LGA:** 25.23% remaining (GoWA, 2019).
- **Remnant Vegetation by Beard Association Rarity in IBRA Region:** 24.85% (GoWA, 2019).

- **System Association Name:** Albany
- **Vegetation Association Number:** 51.
- **Structure Description:** Sedgeland; reed swamps, occasionally with heath.
- **Floristic Description:** Cyperaceae, Restionaceae, Juncaceae (mainly in the South-West).
- **Remnant Vegetation by Beard Association Rarity in LGA:** 38.35% remaining (GoWA, 2019).
- **Remnant Vegetation by Beard Association Rarity in IBRA Region:** 38.35% remaining (GoWA, 2019).

The surrounding native remnant vegetation (within 1km) has previously been mapped during the Albany Regional Vegetation Survey (Sandiford and Barrett 2010). The area is quite diverse with seven different units / complexes described. The most prominent vegetation type is the Jarrah/Marri/Sheoak Laterite Forest. Refer to Appendix C – Native Vegetation Mapping.

- **Vegetation Name:** Jarrah/Marri/Sheoak Laterite Forest
- **Map Code:** 12

- **Vegetation Name:** *Homalospermum firmum/Callistemon glaucus* Peat Thicket
- **Map Code:** 47

- **Vegetation Name:** *Taxandria juniperina* Closed Forest
- **Map Code:** 59

- **Vegetation Name:** *Melaleuca preissiana* Low Woodland
- **Map Code:** 49

3.7. Aboriginal Heritage

Database records show the property lies within the Marbelup Brook (ID29673) which is listed as a mythological, natural feature site (DPLH-001 dataset).

4. Site Assessment

Site assessment of the property and extraction area was undertaken on 24th April 2020 by Kathryn Kinnear and Bianca Theyer (Bio Diverse Solutions). This assessment included ground truthing of desktop findings including bushfire risks to 150m. No detailed flora, vegetation and fauna surveys were undertaken as the large areas of intact remnant vegetation within the eastern portion of property will not be cleared during this extraction project. Broad vegetation assessment and general comments on condition of remnant vegetation and stands of paddock trees in the northern area of the property are provided below. Albany Regional Vegetation Survey vegetation units have been used to assist in the mapping of vegetation types within the site. Refer to Appendix B for Native Vegetation Mapping and Site Vegetation Mapping.

4.1. Vegetation Types

Managed Grassland

This vegetation type occurs across the entire subject site as the land is used for grazing/agricultural purposes. All native vegetation has been cleared (except for several stands and individual mature trees to the north and east) and now consists of introduced pasture species such as *Cenchrus clandestinus** (kikuyu), and some other introduced weed species such as *Coryza sp.*, *Hypochaeris sp.*, *Phalaris sp.*, *Phytolacca octandra** (inkweed). The vegetation has been classified as “completely degraded”. Please refer to Figure 2 and Table 1 for condition ratings.



Figure 2: Photographs of the Managed Grassland vegetation type.

Existing Paddock Trees

There are two areas of remnant jarrah and sheoak paddock trees located within the northern area of the property / extraction area. The majority of these trees are in poor health, with dead trees scattered on the ground throughout the areas. The vegetation structure is completely absent with an overstorey of jarrah and occasional sheoak and an understorey of pasture grasses. The areas are classified as “Completely Degraded” (Keighery, 1994). Please refer to Figure 3 and Table 1 for condition ratings. It is proposed these trees will be cleared as part of the extraction project. Refer to Section 6.7 for further information.



Figure 3: Photographs taken in stands of paddock trees within the proposed extraction area.

Melaleuca preissiana and Homalospermum firmum heath

This vegetation type lies within the low-lying wet areas of the subject site and has also been impacted by bushfire. The vegetation type consists of an overstorey of *Melaleuca preissiana* with a midstorey of regenerating *Homalospermum firmum*, *Callistemon glaucus*, *Taxandria parviceps*, *Astartea sp.* and *Psoralea pinnata** (taylorina). The understorey consists of regenerating native shrubs and sedges, as well as a variety of pasture related weed species such *Cenchrus clandestinus** (kikuyu), *Conyza sp.*, *Hypochaeris sp.*, *Phalaris sp.*, *Phytolacca octandra** (inkweed), and bracken fern. Although impacts of fire and weed species are evident within the vegetation, this vegetation type has been classified as being in “Very Good” condition. Please refer to Figure 4 and Table 1 for condition ratings.



Figure 4: Photographs of the *Melaleuca preissiana* and *Homalospermum firmum* heath vegetation type.

Jarrah/Marri/Sheoak Laterite Forest

This vegetation type is located within the remnant vegetation within the eastern portion of the property and within the remnant roadside vegetation. Vegetation in the east of the property has been burnt in recent years and regeneration of the midstorey is still occurring. During the site assessment overstorey species identified were *Eucalyptus marginata*, *Allocasuarina fraseriana* and *Corymbia calophylla*. Regenerating midstorey species include *Banksia grandis*, juvenile *E. marginata* and *C. calophylla*, *Acacia sp.*, *Taxandria parviceps*, *Leucopogon verticillatus*, *Beaufortia decussata* and *Melaleuca sp.* Understorey species consisted of *Leucopogon sp.*, *Xanthosia rotundifolia*, *Patersonia sp.*, *Anigozanthos flavidus*, *Lepidosperma sp.*, *Conyza sp.*,* *Hypochaeris sp.*,* *Phalaris sp.*,* *Phytolacca octandra** (inkweed) and other pasture weed species. Due to the obvious signs of disturbance (weeds species and fire) the vegetation has been classified as "Very Good". Please refer to Figure 5 and Table 1 for condition ratings.

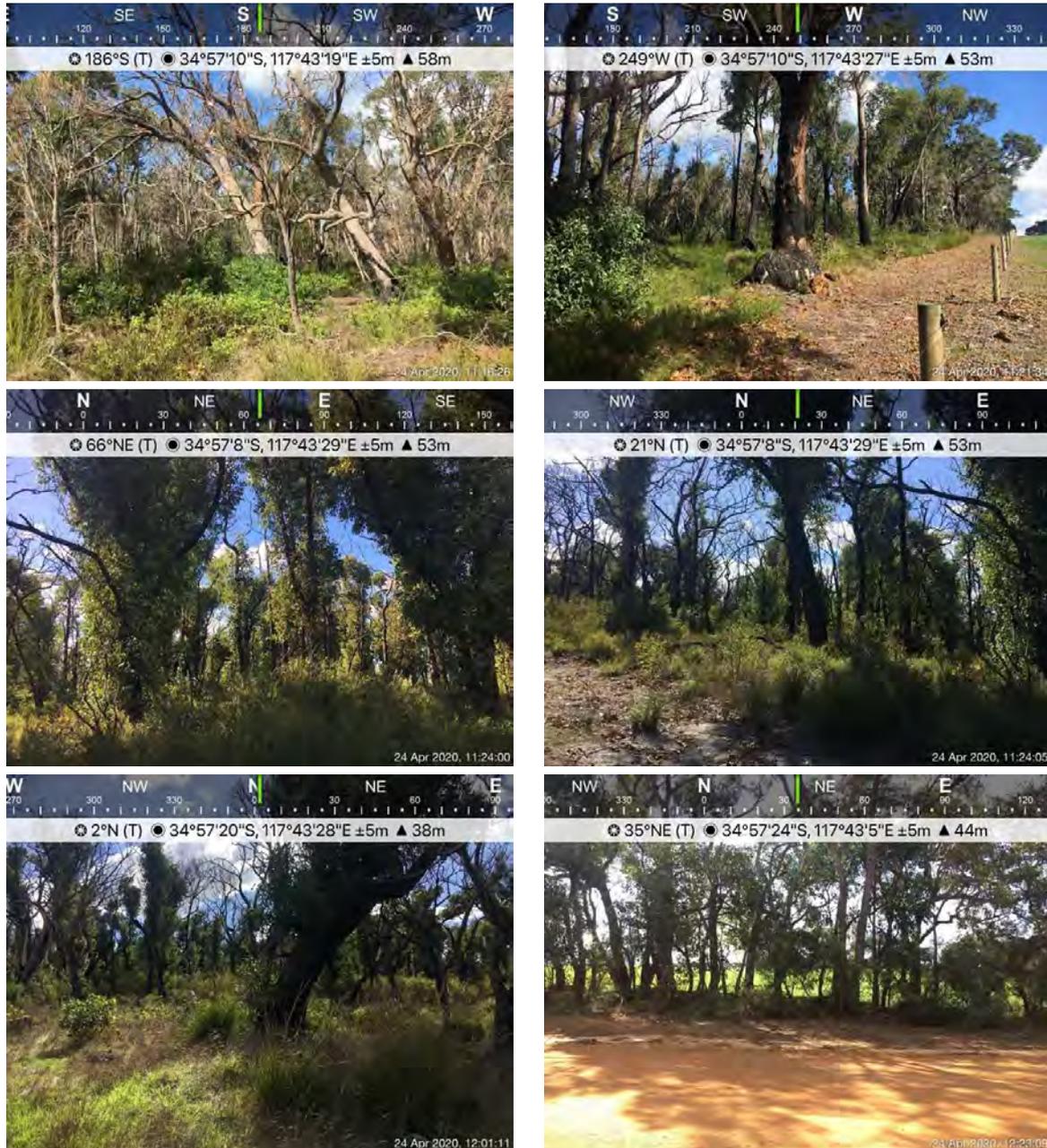


Figure 5: Photographs of the Jarrah/Marri/Sheoak Laterite Forest vegetation type.

Table 1: Condition Rating Scale

Vegetation Condition Rating	Description
Pristine	Pristine or nearly so, no obvious signs of disturbance.
Excellent	Vegetation structure intact, disturbance affecting individual species and weeds are non-aggressive species.
Very good	Vegetation structure altered, obvious signs of disturbance.
Good	Vegetation structure significantly altered by very obvious signs of multiple disturbances. Retains basic vegetation structure or ability to regenerate to it.
Degraded	Basic vegetation structure severely impacted by disturbance. Scope for regeneration but not to a state approaching good condition without intensive management.
Completely Degraded	Vegetation structure not intact; the area completely or almost completely without native species.

5. Proposed Development

5.1. Extraction process, staging and haulage routes

The location and extent of the proposed gravel extraction area is shown in Appendix A – Location and Site Facility Mapping covering an area of 34.4 hectares in total of cleared agricultural land. It is assumed that the average amount of 30,000 tonnes per year will be extracted over the life of the extraction project. In times of high demand, it is expected a maximum of 50,000 tonnes per year will be extracted (*Pers. Comms. H. O'Neill 2020*). Ultimately the amount of extracted materials will be reliant upon industry demand. It is proposed that the entire life of the project will be approximately 7-8 years. A.D. Contractors expect that in high demand periods, one stage within the proposed project will be exhausted every 12 months. Extraction is planned to commence as soon as possible after all required approvals are obtained. The extraction facility will be gated and locked, with no unauthorised persons able to enter. Refer to Implementation Plan Section 8.

The extraction of gravel including crushing and screening will take place on site by A.D. Contractors Pty Ltd. Extracted products will then be transported to various construction sites within the City of Albany and adjoining areas. Mobile plant is utilised to push up and stockpile topsoil as well as to extract, push up and stockpile gravel. Unprocessed gravel is fed into the crushing and screening plant, and then stockpiled prior to being loaded onto trucks. No blasting will be required, whilst portable crushing and screening equipment will be utilised, the crushing of large gravel “boulders” will only occur when required and it is therefore expected that most of the extracted resource will not require crushing.

It is proposed that extraction will be staged with the stages depicted on the Site Plan Mapping. Within these paddocks one of the pits (no greater than 1.2ha in size) will be exposed/operated at any given time. This area will then be rehabilitated / closed up (covered with topsoil) and a remaining area of the stage will be opened. Gravel will be stockpiled within the stage / pit area adjacent to the next pit, for use as demand requires. It is estimated that the maximum amount of time gravel will be stockpiled is 6-12months. Stockpiles will be no higher than 4 metres. Trucks will access the property via the existing site entry along Marbelup North Road. This access route allows for trucks to head south to South Coast Highway or north to Redmond West Road.

5.2. Vegetation and Topsoil Removal

This proposal requires no clearing of native vegetation as the subject site consists of approximately 61.3 ha of agricultural land. Topsoil will be removed to a depth of 150 – 200mm with the maximum depth of excavations to 1500mm below ground level. All topsoil removed will be stockpiled in windrows 5-8m wide and stored parallel to the borders of the extraction area. Topsoil will be stockpiled in piles no higher than 4m which will then be respread over the pit area once excavation activities have ceased, the ground has been ripped and all stockpiled materials removed. This will be done as the client wishes to continue agricultural practices once the extractive proposal has ceased.

5.3. Operation Times

Extraction and plant operation times will be restricted to the hours between 7:00am and 5:00pm Monday to Friday and 8:30am to 1:00pm on Saturday (in times of high demand / peak periods), not including Public Holidays. Actual operation times will vary as a result of product demand, if demand is low due to no construction projects being carried out then the facility will not be operational.

5.4. Vehicles and Machinery

No hydrocarbons, chemicals, fuels, coolants etc. will be stored onsite. These will be transported onsite as required by a contained mobile service vehicle which will be appropriately equipped with spill kits in the unlikely event there is a spillage. Furthermore, no trucks will be stored on site outside of operation hours, only screening and crushing equipment will be stored on site. If major servicing of these machines is required, they will be removed from site. In the unlikely event of a major breakdown on site all necessary precautions to ensure no hydrocarbons or other liquids enter the environment, and any contaminated soil will be removed and disposed of at an appropriate location.

6. Environmental Considerations

6.1. Noise

A.D. Contractors will ensure all extraction, crushing and screening operations are to be carried out only between 7:00am and 5:00pm Monday to Friday and 8:30am to 1:00pm on Saturday (in times of high demand / peak periods), not including Public Holidays. The surrounding properties are also zoned as "General Agriculture" and it is expected that operational noise will not be louder than the surrounding agricultural and forestry operations within the immediate vicinity.

Noise considerations are subject from 3 key areas:

- Extraction processes (excavation, pushing and moving material on site;
- Crushing and screening; and
- Truck and vehicle movements to and from site.

Extraction processes

The extraction processes involve the stripping of topsoil and mounding, ripping and pushing of ripped material for export off site or for crushing (if required). The estimated times for this process for 1 ha (i.e. a stage) is:

- 1 day - Strip/ push up topsoil;
- 1 day - Rip entire area;
- 1-2 days - Push up ripped material for export/crushing; and
- Crushing material depending on size and requirement of resource by client:
 - Low demand: 0 - 3 days.
 - High demand / peak periods: 7 days.

The volume and amount required is purely dependant on demand. Location of extraction and staging is defined in Appendix A.

The extraction areas shall be located a minimum of 300m from neighbouring residential areas consistent with the City of Albany Guidelines to Sensitive Land Uses as shown on Site Buffers Mapping in Appendix A. Extraction areas are situated 40m from Marbelup North Road, 20m off the adjacent property boundaries and internal native vegetation, and 50m from dams.

There are four residential properties within the vicinity of the extraction project. The dwelling to the south is located 734m to the nearest stage / pit. The dwelling to the south west is located 385m from the nearest stage / pit. The dwelling to the west south-west is located 444m to the nearest stage / pit. The dwelling to the west is 305m from the nearest stage / pit. Refer to Site Buffers Mapping in Appendix A. The buildings to the north of the property in Lot 4119 are agricultural storage sheds.

A bund will be constructed along the western boundary of the extraction area to reduce noise to neighbouring residential areas. The bund will be between 2 and 4m high. This noise bund will be the stockpiled topsoil from each stage and at 2-4m high will ensure the operations are visually obscured and noise is contained within the site.

To create noise (and visual) buffers, the client will utilise the topsoil mounds around the perimeters of the extraction stages / pits as they are established. Traffic routes internal to the site will be planned out in such a way as to minimise vehicle reversing requirements and thus minimise reversing alarm noise (particularly for the nearest residences). Replacing standard "beeping" reversing alarms with a mixed frequency alarm (which does not carry as far) should also be considered to further reduce noise issues.

In conjunction with these activities, regular maintenance of onsite plant and machinery will help to reduce unnecessary noise pollution. Any equipment identified as noisy will either be removed from site or its use terminated until repairs are made.

All employees and contractors will be educated through site inductions raising awareness and outlining company practices to be employed to help mitigate noise pollution whilst on site and when entering and exiting the property. It will be the site manager's responsibility to ensure all personnel adhere to noise reduction measures.

A noise complaint system/register should be implemented to ensure any complaints are dealt with appropriately. A notice should be placed at the front gate providing the contact details of the site manager. Any noise related complaints will be recorded by

the site manager and acted on immediately and resolved within 24 hours. Any complaints made should be kept in a register. Refer to Section 7.2 for Noise Management to be implemented during all operations.

Crushing and screening

Noise from crushing and screening operations will be the largest consideration to the project. Crushing and screening operations will be only undertaken in the designated crushing and screening extents within the pits to create further buffers to neighbouring residents and sensitive receptors. The current endorsed EPA Separation Distances between Industrial and Sensitive Land Uses is Guidance No. 3 (2005) whereby noise (and dust) is assessed on a “case by case” basis. The draft 2015 document outlines that a 500m to 1000m buffer is considered appropriate and has been *given due regard* in the preparation of this document.

The crushing and screening areas shall be located at least 500m from the neighbouring residential properties where able to be achieved, with areas of crushing and screening between 500m and 1000m from the residential properties. Where this cannot be achieved due to fencing or logistics in the pits, the area is to be classified as “Sensitive Operations” areas. All proposed crushing and screening areas are to be licensed via DWER and a Works Approval application to be submitted for the operations. The “Sensitive Operations” area ensures the maximum time taken for any one pit to push up ripped material for crushing is 3 days per week. This will ensure that noise is limited reducing the risk to adjacent properties, see further information in section 7.2.

Truck movements

Truck movements and noise is deemed to be low along North Marbelup Road adjacent to the subject site as trucks will be at low speed and low gearing to enter and exit the property. Road and truck noise is more probable along the road length to the south to South Coast Highway (haulage route to the south of the subject site) and to the north of North Marbelup road from other agricultural and industrial land uses existing to the north.

The extraction and subsequent carting of the gravel material is subject to demand and truck movements, noting on some days will be nil to minimal, whilst other days may be subject to a higher demand.

6.2. Dust and Erosion

Dust emissions are anticipated during topsoil removal, resource excavation, crushing and screening, loading, haulage and wind erosion of exposed surfaces in adverse weather conditions. However, dust management will be implemented in order to mitigate dust emissions, ensuring dust levels cannot reach levels that adversely impact health, welfare, surrounding amenities and the environment.

All topsoil stockpiles and stockpiled gravel will be no greater than 4 metres in height. Long-term stockpiling should be avoided where possible and will be dependent on demand, it is expected stockpiling will range between 6-12months. Stockpiles will not be located in areas subject to adverse environmental conditions (e.g. prevailing winds) such as prominent ridges, and will be located within the stage or extraction pit currently in operation. Operations temporarily cease during times of high winds, and water trucks and water shall be available to suppress dust. At the sign of any erosion, measures shall be put in place to mitigate any erosion. All post development runoff is contained onsite with drain basins, table drains and well-draining soils.

6.3. Light

Extraction activities will not be conducted outside of daylight hours, therefore there will be no light emissions.

6.4. Discharges to land

There will be no discharges to land.

6.5. Wetlands and Public Drinking Water Source Areas (PDWSA)

The extraction areas are over 384-440m from the conservation category wetland located in the eastern portion of the property. There will be no impacts to this wetland. As the extraction and crushing and screening areas are located in a P2 PDWSA the below are to apply as per the Water Quality Protection Notice (WQPN) 25. Furthermore, it is recommended that a minimum of 2 metres of undisturbed soil profile is required as a buffer between the base of the excavated area and the maximum water table level.

Table 2: Mineral Processing compatibility and conditions within Public Drinking Water Source Areas.

Land use or activity	P2 areas	Conditions
Mineral processing – crushing and screening	Compatible with conditions (9, 13)	<p><i>Condition 9</i> A licence under the Rights in Water and Irrigation Act 1914 may be required to abstract groundwater or surface water. Please contact the nearest Department of Water regional office for more information www.water.wa.gov.au.</p> <p><i>Condition 13</i> These facilities/land uses should be located outside of WHPZs and RPZs unless the operator demonstrates that the risk of water contamination is effectively controlled under all circumstances. Under the Metropolitan Water Supply, Sewerage and Drainage By-laws 1981, ground level or underground chemical storage tanks (equal to or greater than 250 L) are prohibited in P1 and P2 areas of an UWPCA; and elevated chemical storage tanks (equal to or greater than 250 L capacity) are prohibited in P1 and P2 WHPZs of an UWPCA. Hydrocarbons, chemicals and other toxic or hazardous substances should be stored so there is no discernible contamination of groundwater or surface water. This should include effective secondary barriers to contain the system. Refer to WQPN no. 56: Tanks for elevated chemical storage, WQPN no. 58: Tanks for temporary elevated chemical storage, WQPN no. 60: Tanks for mobile fuel storage in PDWSAs, WQPN no. 61: Tanks for ground level chemical storage, WQPN no. 62: Tanks for underground chemical storage and WQPN no. 65: Toxic and hazardous substances for further information. A contingency plan should be in place to ensure adequate response to contamination incidents (refer to WQPN no. 10: Contaminant spills – emergency response).</p>

6.6. Discharges to water

There will be no discharge to surface or ground water. Surface water will be managed according to Section 7.3.

6.7. Flora and Vegetation

Areas of remnant vegetation within the eastern portion of the property have been excluded from extraction stages. The stand of paddocks trees that are in completely degraded condition are proposed to be cleared. No other native vegetation is proposed to be cleared as part of this project. There will be no discharges to land or water and this further reduces any risk to surrounding flora and vegetation. Weed management will be undertaken to ensure no invasive weeds identified will not spread into the surrounding remnant vegetation. A native vegetation clearing permit may be required to remove the degraded paddock trees, no clearing of these two areas will occur until the relevant approvals are obtained. Recommend condition of DA.

6.8. Fauna

As the subject site is located in an area that has already been cleared and highly modified for agricultural practices, there will be no further impacts to fauna than are already present.

7. Management Plans

7.1. Dust management

Dust has potential to impact on the surrounding social and natural environment through decreases in visibility, air quality, vegetation health and general amenity.

Crushing and screening operations have the potential to generate dust through:

- Land clearing, vegetation and topsoil removal;
- Excavation, crushing and screening, transfer and loading of product for haulage;
- Wind erosion from topsoil stockpiles and other exposed surfaces;
- Use of access tracks; and
- Topsoil spreading during rehabilitation.

Dust emissions are anticipated during topsoil removal, resource excavation, crushing and screening, loading, haulage and wind erosion of exposed surfaces in adverse weather conditions. However, dust management can be implemented in order to mitigate dust emissions, ensuring dust levels cannot reach levels that adversely impact health, welfare, surrounding amenities and the environment.

All topsoil stockpiles and stockpiled gravel will be no greater than 4 metres in height. Long-term stockpiling will be avoided but will be dependent on demand. Stockpiles will not be located in areas subject to adverse environmental conditions (e.g. prevailing winds) such as prominent ridges, and will be located within the stage or extraction pit currently in operation. Operations will cease during times of high winds (i.e. if visible dust seen leaving the property), and during times when a north easterly wind is present. Water trucks and water will be used to suppress dust via a tanker on site. At the sign of any wind erosion, measures shall be put in place to mitigate any erosion. Measures to mitigate erosion include (but are not limited to) contouring of soils, surface water management (i.e. directing surface water away from the area if necessary) and bunding.

The aims of the dust management plan are to:

- Ensure dust is not prevailing over adjacent residences and properties;
- Maintain a dust free working environment for all employees on site;
- Ensure all employees and sub-contractors are educated to minimise dust from all operations; and
- Ensure dust is controlled and minimised at all times.

The following is to be implemented by A.D. Contractors during operations:

- Construction of a 2-4m bund along the western boundary of the extraction area and parallel to any excavation areas;
- Land clearing will be kept to the minimum required for the project, and clearing and topsoil stripping will be avoided on high wind days;
- Clearing will be carried out in stages as the project progresses to minimise dust generation from cleared areas;
- All crushing and screening to occur within the designated boundary of the crushing and screening extents;
- Topsoil mounds to be no greater than 4 metres in height;
- Stockpiles to be located in pit areas and along the edge of pits to assist in noise and dust reduction to the properties and will be no greater than a height of 4m;
- Gradual rehabilitation will be undertaken to minimise the area of exposed surfaces;
- Stockpiles to be configured to accommodate easy access for watering/dust minimisation;
- The access road, immediate extraction area and fixed plant (screen) to be watered as required to minimise dust emissions;
- Manage operations to minimise work in windy conditions to minimise dust emissions. Works only to occur in low velocity winds (i.e. operations to cease if visible dust seen leaving the property);
- Visually monitor emissions of dust from the works, if dust is visible water trucks are to be utilised to suppress dust and / or operations are to cease temporarily;
- Works to cease temporarily if visible dust is seen leaving the site when there is a north easterly wind and dust suppression measures (i.e. water application to area) implemented;
- Trucks to be fully covered by tarpaulins when fully loaded, prior to leaving extraction area;
- Vehicle travel speeds will be restricted to 40 km/hour on unsealed surfaces on site;

- Education to employees and sub-contractors to raise awareness of dust management issues; and
- Dust complaint register in place to record any issues from neighbours. A contractor sign at the front gate to be erected clearly showing A.D. Contractors contact details.

7.2. Noise Management

The noise management plan is to be implemented by A.D. contractors at all times of operation.

The aims of the Noise Management measures are to:

- Ensure compliance with *Environmental Protection (Noise) Regulations 1997*;
- Ensure noise does not significantly impact adjacent residences and properties by ensuring crushing and screening plant remains more than 500m from the closest adjacent residence (sensitive receptor). Where this cannot be achieved, "Sensitive Operations" occurs, see below for further information;
- Define "Sensitive Operations" to occur for crushing and screening operations close to sensitive receptors;
- Ensure all A.D. Contractors employees and sub-contractors are educated to minimise noise from all operations; and
- Ensure noise is controlled and minimised at all times.

The following actions are to be implemented by the contractor during excavation operations:

- Construction of a 2-4m bund along the western boundary of the extraction area for noise attenuation. The bund is the stripped topsoil and mounded parallel to the pit to reduce noise to offsite receptors;
- All plant movements, extraction, crushing and screening operations are to be carried out between 7:00am and 5:00pm Mondays to Fridays, and 8:30am to 1:00pm on Saturday (in times of high demand / peak periods), not including Public Holidays;
- Mounding of topsoil along the edge of pits to act as noise bunds to further reduce noise at nearby properties, mounding is to be parallel to the excavated pit and maintained regularly for any defects, stabilised for dust management;
- Regular inspections of all plant and machines on site to ensure all are working and functioning correctly, without excess noise;
- Regular inspections of bunds to ensure noise is contained within the site and bunds are to required specified heights;
- Turning off equipment when not in use;
- Regular inspections of road trains and trucks used for carting to ensure all muffler and exhaust systems are functional, specific to noise attenuation;
- Vehicle travel speeds will be restricted to 40 km/hour on unsealed surfaces on site;
- Education to A.D. Contractors employees and sub-contractors to raise awareness of noise management issues;
- Noise complaint register in place to record any issues from neighbours. A contractor sign at the front gate to be erected clearly showing A.D. Contractors contact details; and
- Any noise related complaints will be recorded by the site manager and acted on immediately and resolved within 24 hours.

Excavation processes

Excavation processes operations generate noise through the operation of machinery – dozers, excavators, light vehicles and trucks. These can be considered commensurate with general farm vehicle agricultural operations. Adhering to the plan above will ensure there is no adverse impact from excavation processes on the site.

Crushing and screening

Crushing and screening operations generate noise through the operation of machinery, crushing and screening plant. This noise has potential to impact on nearby sensitive receptors and is required to comply with the *Environmental Protection (Noise) Regulations 1997*. All crushing and screening operations is to be licensed by the Department of Water and Environmental Regulation (DWER) as per the *EP Act* "prescribed premises". The regulation and compliance of the crushing and screening operations are via the DWER License for the premises as issued under the *EP Act*.

No blasting will be required, whilst portable crushing and screening equipment will be utilised, the crushing of large gravel "boulders" will only occur when required and it is therefore expected that most of the extracted resource will not require crushing.

“Sensitive Operations”

Noise emitted from crushing and screening is subject to regulation and compliance under the *EP Act*. Crushing and screening operations are likely to be limited to the amount and volume required for the product and subject to demand. It is estimated the majority of the resource will not require crushing and screening however is not confirmed until each pit is exposed and demand requirements. Where any crushing and screening occurs within 500m of a sensitive receptor this will be limited to 3 days per week and from 8.30-5pm weekdays only. This will reduce the frequency of exposure to adjacent residents and therefore reduce the impact/risk of this emitting source to health and wellbeing. A detailed risk assessment of the crushing and screening processes proposed on site will be performed to accompany the works approval to DWER.

As mentioned in Section 1.1 of this document, the activity of crushing and screening is only examined in this document as a component of the noise management plan. Buffers, setbacks and licensing conditions are to be dealt with by DWER as part of a works approval application by the proponent.

Truck and vehicle noise

Truck movements and noise is deemed to be low along North Marbelup Road adjacent to the subject site as trucks will be at low speed and gearing to enter and exit the property. Road and truck noise are more probable along the highway to the south of the subject site and to the north of North Marbelup road from other agricultural and industrial land uses exist to the north.

The extraction and subsequent carting of the gravel material is subject to demand and truck movements on some days will be nil to minimal, whilst other days may be subject to a higher demand.

7.3. Road Condition and Ongoing Maintenance

A.D. Contractors use two types of truck, the capacities are approximately 15 tonnes for the 6-wheeler trucks and 24 tonnes for a semi-trailer. Truck movements (2 movements = 1 truck would enter and exit the site per day) will be dependent on demand of materials. On average it is expected there will be 4 truckloads per day, which equates to 8 truck movements per day. During peak periods / times of high demand it is expected there will be an increase in truck movements and truckloads per day (i.e. 4 trucks, 7 truckloads each). This equates to 28 truckloads and 56 truck movements per day (approx. 6 truck movements per hour). When demand is low it is expected 0-2 movements per day will occur. Truck signs are to be installed prior to operations commencing before the access point along Marbelup North Road and South Coast Highway, warning of truck movements.

A detailed traffic management plan may be required by AD contractors but is not supplied within the scope of this document, and can be conditioned by CoA at Development Approval stages.

The CoA are going to require a contribution for the road to be sealed due to the potential number of trucks, plus they will also require additional grading until the road is constructed. This will be conditioned via the CoA at Development Approval. It is noted that the CoA license is for 8 years and is subject to renewal at the end of that period. It is noted that this period is “renewal license period” only not a life of project.

7.4. Stormwater Management

The overall extraction area will be designed, constructed and operated to avoid disruption to surface water flows, minimise erosion and ensure that potential contaminants are not released into the environment. Stormwater management measures are:

- The site will be graded along contours to ensure that all stormwater, wash-down and spillage water run-off is either directed to a low point within the prescribed premises, or a collection and settling basin from where it can be recycled for dust suppression purposes;
- Perimeter bunding will be installed if required to minimize stormwater entering the site;
- Runoff from stockpiles diverted to low point within the prescribed premises;
- Contouring of pit edges to contain surface water;
- Encourage point source infiltration across the existing rural areas (future stages) and in rehabilitated areas; and
- Ensure all surface water is contained and treated on site.

Also refer to Section 7.13 for daily and weekly stormwater monitoring and controls of structures.

7.5. Weed Management

Weed management is to be used in conjunction with dieback hygiene management (See Section 7.6). The following Weed Management Plan is to apply to all aspects of site operations. All operations shall conform to this Weed Management Plan, and monitoring to occur post construction for any infestations. Weed management will primarily be undertaken through avoiding introducing new weeds to the site, whilst also controlling weeds already present.

7.5.1. Aims of Weed Management Plan

The aims of the weed management program will be:

- Eradicate Declared plants (*BAM Act*) from the property;
- Maintain a weed free environment;
- Ensure all vehicles are clean on entry prior to any soil or vegetation movement;
- Site is to be secured to prevent trespassers illegally accessing, dumping rubbish and green waste;
- All weeds on site removed promptly on discovery;
- Remove weeds from least affected areas to the most affected areas (Bradley Method);
- Do not use weed affected soils for rehabilitation, but remove infected soils to waste disposal; and
- Regularly monitor the site for invasive species.

If weeds are discovered on site, they will be treated using the following methodology:

- Large woody weeds will be burned, poisoned or removed from site and disposed to approved green waste;
- Small weeds will be sprayed by a licensed contractor or landholder; and
- Initial follow up spraying will be undertaken at 6 months and 18 months and repeated as necessary.

7.5.2. Program for weed control

The following program for weed management will be implemented prior to commencement of extractive activities, during extractive activities, and post extraction monitoring activities. Table 3 (over the page) is a guide for aggressive common species (adapted from Department of Agriculture and Food and Department of Biodiversity Conservation and Attractions (FloraBase) recommended technique) and should be used as a guide to treat relevant species within the proposal area. Further information for any species and recommended treatment not listed in Table 3 should be gained from the Department of Primary Industry and Regional Development.

Table 3: Generalised Weed Management Program for Common Species

Species	Treatment
Grasses	
Kikuyu <i>Cenchrus clandestinus</i>	Control with herbicides whilst growing.
African Love Grass <i>Eragrostis curvula</i>	Removal of small plants/infestations Annual Spray during winter, small infestations all year round as required.
Flat weed <i>Hypochaeris sp.</i>	Annual Spray during winter, small infestations all year round as required.
Hare's-tail Grass <i>Lagurus ovatus</i>	Prevent seed set for 2-3 years by the removal of the topsoil through civil works. Hand removal of small infestations. Annual spray during winter
Perennial Grasses <i>Phalaris sp.</i>	Selective control can be achieved with 800mL/ha Verdict®520 plus 1% spray oil. Or use 10mL Verdict®520 plus 100mL of spray oil per 10L water for hand sprays.
Woody Weeds	
Golden wattle <i>Acacia longifolia</i>	Hand pull seedlings. Fell mature plants, apply herbicides and diesel to trunk, or cut and paste or inject with Glyphosate
Tayloriana <i>Psoralea pinnata</i>	Treat seedlings early summer with Glyphosate, juveniles can be hand pulled. Fire not recommended. Slash or doze large trees.
Blackberry <i>Rubus ulmifolius</i>	Mechanical control difficult. Annual summer applications of Grazon, 3 applications required, use Glyphosate in sensitive areas (i.e. creek lines).
Ink weed <i>Phytolacca octandra</i>	Uproot heavy infestations and cut remaining plants 5cm below ground. Spraying is effective.
Kangaroo Apple <i>Solanum laciniatum</i>	Herbicide treatment of 150mL Access® in 10L diesel to the lower 50cm of the trunk of the plant. Young growing seedlings can be sprayed with 1L/ha Starane® or hand pulled. Control spread for a radius of 5km. Plant perennial species to provide a good mulch on the soil.
Herbs	
Spear thistle <i>Cirsium vulgare</i>	Spray control effective for seedlings and adults. Manual control by eliminating seed production by close mowing/cutting twice per season
## Arum Lily <i>Zantedeschia aethiopica</i> P1 and P4	Mechanical control only effective if all root fragments removed. Multiple rotary hoeing over a few years provides control. Herbicides are most effective use 1g chlorsulfuron(750g/kg) plus 10mL 2,4-D amine(500g/L) plus 25mL Pulse® per 10L of water. Or use 1g metsulfuron(600g/L) plus 25mL Pulse® per 10L of water.
Curled Dock <i>Rumex crispus</i>	Remove isolated plants by cutting their roots at least 20cm below ground level. Small infestations 0.5g chlorsulfuron(600g/kg) plus 100mL Tordon®75-D in 10L of water in winter will control existing plants and seedlings for about a year.
Cape Weed <i>Arctotheca calendula</i>	Manual removal before flowering effective. For large infestations apply Lontrel® 6 ml/10 L (300 ml/ha) in early growth stages. Glyphosate at 0.2% will provide some selective control if the plants are young or at the budding stage, otherwise spot spraying glyphosate at 10 ml/L. Introduction of native species which provide shade.
## Paterson's Curse <i>Echium plantagineum</i> P1 and P4	Isolated plants can be manually removed and burnt if flowering or seeding. Graze heavily with wethers (castrated ram) over spring to reduce seed production. Spray graze pasture with 500mL/ha Tigrex® in early winter before the weed has reached the 6-leaf stage and repeat if necessary.
Penny Royal <i>Mentha pulegium</i>	Improve drainage, spray with 40 g/ha metsulfuron before flowering, establish a vigorous perennial pasture such as kikuyu then spray graze annually in early winter with 750 mL/ha 2,4-D amine.
Smooth Cats-ear <i>Hypochaeris glabra</i>	Mowing and grazing ineffective. Hand remove small infestations and/or isolated plants, ensuring the taproot is removed. For dense infestations, apply Lontrel® and wetting agent. Introduction of native species which provide shade.

Western Australian Herbarium (1998-); Wheeler (2002), **HerbiGuide (2014).

Denotes Declared weeds

7.6. Dieback and General Hygiene Management

The aims of the dieback and hygiene management are to:

- To ensure there is zero spread of *Phytophthora* and other diseases into and out of the area; and
- Implement measures for successful completion of the project in terms of education to personnel, decontaminating equipment, and defining access measures.

The following will apply to all aspects of operations and will form part of the hygiene management briefing to all site workers:

- Visual inspections on vehicles, plant, equipment and footwear are clean when entering the site;
- Earth moving vehicles and equipment are to be cleaned prior to entering site with attention to:
 - Tyres: tread, trim, hub, wheel arches wheels;
 - Body: external areas, crevices, chassis, bumpers, side steps etc.
 - Internal: footwells of vehicles, engine bay, grill, radiator etc.
- Access to the site during excavation will be controlled (fenced and gated and locked when unattended);
- Completed areas will be rehabilitated as soon as practicable;
- The rehabilitated surface will be free draining and not contain wet or waterlogged soils;
- Materials used in rehabilitation will be from on-site stockpiled material; and
- Road and transport vehicles are to be restricted to defined road reserve, loading and turn around areas.

Clean down specification:

A visual inspection is necessary of in-coming and out-going vehicles to determine whether or not vehicles, machinery or equipment is free of a build-up of:

- Clods of soil and plant material and / or slurry consisting of a mixture of soil, plant and water;
- Dust and grime adhering to the sides of vehicles need not be removed before entering the site; and
- Records of inspections and clean downs are to be maintained.

7.7. Bushfire Risks and Management

Vegetation Classification to AS3959-2018 was undertaken by Kathryn Kinnear (level 2 BPAD Practitioner, BPAD 30794). Refer to the Vegetation Classes Map in Appendix D. As per the requirements of State Planning Policy (SPP) 3.7 (WAPC, 2015) a Bushfire Hazard Level (BHL) map was produced as per the defined methodology of the Guideline for Planning in Bushfire Prone Areas Version 1.3 (WAPC, 2017).

Areas of moderate BHLs occur on and adjacent to the site, generated off Forest Type A, Woodland Type B and Grassland Type G (AS3959). Vegetation that has a low hazard level but is within 100 metres of vegetation classified as a moderate or extreme hazard, is to adopt a moderate hazard level (e.g. low fuel areas).

Bushfire Management Statement

Planning in Bushfire Prone Areas Version 1.3 (WAPC, 2017) requires assessment to the bushfire protection criteria – a process where land is assessed for compliance to the criteria. The bushfire protection criteria (Appendix 4, WAPC, 2017) are performance-based criteria in assessing bushfire risk management.

The bushfire protection criteria (Appendix 4, WAPC, 2017) outline four elements, being:

- Element A1: Location;
- Element A2: Siting and Design of Development;
- Element A3: Vehicle Access; and
- Element A4: Water.

The Subject site is located in a Bushfire Prone Area (OBRM, 2019), refer to Figure 6 over the page.

The proposal is required to meet the “Acceptable Solutions” of each Element of the bushfire mitigation measures (WAPC, 2017). The proposal will be assessed against the bushfire protection criteria Acceptable Solutions for Elements A1, A2, A3 and A4. A summary of the assessment is provided below in Table 4. Please refer to the summary table over the page, Table 4.



Figure 6: State Bushfire Prone Mapping (OBRM, 2019). <https://maps.slp.wa.gov.au/landgate/bushfireprone/>

Table 4: Bushfire protection criteria applicable to the site

Element	Acceptable Solution	Applicable or not Yes/No	Meets Acceptable Solution
Element 1 – Location	A1.1 Development Location	Yes	Compliant. As per SPP.3.7 and the Guidelines for Panning in Bushfire Prone Areas, the development will not be subject to a higher BHL than moderate. There are no proposed habitable buildings for this development (site office or dwellings) on the extraction site. Proposal deemed to meet Acceptable Solution A.1.1
Element 2 – Siting and Design	A2.1 Asset Protection Zone	Yes	Compliant. The Crushing and screening equipment will be in low fuel areas as defined by AS3959 Exc 2.2.3.2 whereby bare areas will exist. No habitable buildings are proposed for this development. Proposal deemed to meet Acceptable Solution 2.1
Element 3 – Vehicular Access	A3.1 Two Access Routes	Yes	Compliant. Site personnel will have access in alternative directions north and south along Marbelup North Road. Marbelup North Road connects to Redmond West Road to the north and to South Coast Highway to the south. Proposal deemed to meet Acceptable Solution A3.1.
	A3.2 Public Road	No	No public roads are proposed for this proposal. Not assessed to Acceptable Solution A3.2.
	A3.3 Cul-de-sacs	No	No cul-de-sacs are proposed. Not assessed to Acceptable Solutions A3.3.
	A3.4 Battle axes	No	No battle axes are proposed. Not assessed to Acceptable Solution A3.4.
	A3.5 Private driveways	Yes	Compliant. Internal access driveways and pen pit areas will have adequate turn around areas as per the minimum requirements as per Figure 7 below. Proposal deemed to meet Acceptable Solution A3.5.
	A3.6 Emergency Access Ways	No	No EAWs proposed as the public road network will be utilised. Not assessed to Acceptable Solution A3.6.
	A3.7 Fire Service Access Ways	No	No FSA's proposed as the public road network will be utilised. Not assessed to Acceptable Solution A3.7.
	A3.8 Firebreaks	Yes	Compliant. Firebreaks are currently in place around the subject site and should remain in perpetuity as per the CoA Fire Management Notice. Low fuel loads as per the CoA Fire Management Notice. Development deemed to meet Acceptable Solution 3.8.
Element 4 – Water	A4.1 Reticulated areas	No	Not assessed to A4.1.
	A4.2 Non-reticulated areas	Yes	Water will be required for bushfire safety and dust control. Reticulated water will not be available. A minimum 10,000L standalone tank will be required solely dedicated for firefighting supply. Appropriate storz fittings are to be installed for fire services to access supply. The proposal will meet Acceptable Solutions A4.3.
	A4.3 Individual lots in non-reticulated areas	No	Not assessed to A4.3.

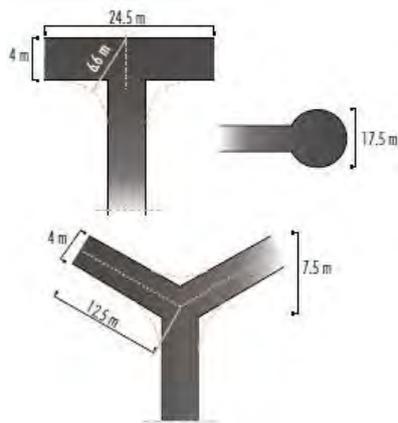


Figure 7: Private driveway design requirements (WAPC, 2017)

Table 5: Vehicular Access Technical Requirements (WAPC, 2017)

Technical requirements	Private Driveways & Battle Axes
Minimum trafficable surface (m)	4
Horizontal clearance (m)	6
Vertical clearance (m)	4.5
Maximum grades	1 in 10
Minimum weight capacity (t)	15
Maximum crossfall	1 in 33
Curves minimum inner radius (m)	8.5
Maximum Length	50m

Other bushfire mitigation measures

There is a potential bushfire risk from operations on “Extreme” “Fire Danger Index” (FDI) rated days. The predominant bushfire risk associated with the site is the adjacent native vegetation (east and west) where heavily vegetated areas (Extreme Risks) under hot conditions can give rise to hot and intense fires. The following fire control methods should be enforced at all times during summer periods.

Summary of bushfire control methods to apply to this development:

- Driveway construction standards as outlined in this document (responsibility of the contractor);
- Fire service access to be a minimum of 8m between excavation areas and boundary fences to ensure fire appliances can access external areas of the paddocks. See Site buffers Mapping Appendix A indicating the fire access in the west;
- Abide by CoA imposed Vehicle Movement and/or Harvest ban due to dangerous fire weather conditions or if there are bush fires already burning during the Restricted and Prohibited Burning Times (i.e. High-Very High Fire Danger days) (responsibility of the contractor);
- 10,000L dedicated water supply on site; and
- A mobile firefighting appliance dedicated to firefighting operations is located on the property at all times during bushfire season operations (November - April) (responsibility of the contractor).

7.8. Rehabilitation Management

Rehabilitation will be to constructed soils and a return to pasture paddocks. The following aims will apply to all rehabilitation works:

- To re-instate pastures for ongoing agricultural pursuits;
- To establish pasture vegetation through seeding and compaction through use of preserved topsoil; and
- To reduce weed invasions and competition of weeds with native species.

Rehabilitation methods

- Ripping of ground once extraction processes have occurred (prior to replacing topsoil);
- The method of revegetation is to use the seed from existing topsoil and seeding pasture paddocks (if required);
- Any weeds likely to significantly impact on the rehabilitation will be sprayed with Roundup or similar herbicide, or grubbed out, depending on the species involved. Refer to Weed Management Plan Section 7.4; and
- Rehabilitation will be carried out promptly after soil disturbance (within two weeks of exhaustion of pit and stockpiles removed).

Seed Stock

Species shall be sourced from stockpiled topsoil from clearing operations. If regeneration is slow then pasture seed shall be collected at the first spring period and spread at the first Autumn rains (usually after three continuous rain days is recommended). It is anticipated that most species will regenerate from site topsoil.

Methodology

The rehabilitation methodology is proposed to be undertaken using the following steps:

1. Remove topsoil and place on regeneration area or store adjacent to the site (no more than 10m from removal area).
2. Store topsoil in piles no higher than 4m.
3. Spread topsoil over batters and regeneration areas of the pits.
4. Ensure batters do not exceed 1:5m slopes.
5. Seeding of paddocks / closed stage pits and compaction of soil.
6. Inspect site after first large rainfall event, ensure erosion has not occurred over any slopes and remediate as necessary.
7. Inspect site after 6 months to determine success rate of seeding and any weed establishment. Remove weeds either through selective spraying or hand removal.
8. Instigate any seeding to assist regenerating areas.

Topsoil Management

Where topsoil removal is required, topsoil and overburden will be directly transferred from an area being cleared to an area to be rehabilitated. Where this is not possible the topsoil and overburden will be stored in low dumps (overburden and 4m for topsoil) for future use in rehabilitation. No topsoil soil rehabilitation/movement is to occur during high winds to avoid erosion and slumping.

Bank stability works / erosion control

The predominant soil type is deep sands and gravels over clay. Loose sands during revegetation works can be subject to prevailing winds and water erosion. Mounding of the rehabilitation areas will assist with any runoff and brushing will reduce the effects of wind erosion. The mounding and contouring of soil will also assist in trapping water for seedling germination and growth and will be employed where applicable. Mounding should occur along contours or in flat areas perpendicular to surface flow direction. Stabilisation techniques may need to be applied during and post construction activities (i.e. use of sediment traps). Mulching of pit faces or use of geo-fabrics should be used wherever possible to ensure there is minimal erosion to the site.

It is recommended as the site is predominantly sandy (topsoil) in nature, best practise is carried out when site is developed and sediment traps are installed during development activities with any bare ground areas stabilised (i.e. mulching).

7.9. Control of Environmental Incidents

An important aspect in the environmental program is management of non-conformance or incidents. An environmental incident is an event which could result in pollution to the local environment. The planning of site works and methodology as outlined within this management plan limits the risk and harm of construction works impacting on-site or off-site.

If an incident or event occurs during operations and excavation, it should be emphasised to all personnel working on site that all incidents are documented. Investigations should be conducted and action plans established in order to ensure the event does not happen again. The Site Operations Manager will be responsible for maintaining records of environmental incidents and reporting.

Examples of an "incident" for this project may include:

- Hygiene protocols not adhered to;
- Topsoil has not been appropriately placed;
- Unplanned vegetation clearing has occurred;
- Mechanical breakdown occurring along a waterway and hydraulic oil spill occurs;
- Refuelling occurs within the creek area;
- Complaints from "stakeholders" or neighbours; and
- Any event which causes non-compliance with the Operations Management Plan.

Should an incident occur which leads to a non-conformance, the Site Manager shall inform the owner of the property of any non-compliance or potential non-compliance within seven days of that non-compliance being known, and if further action is required then the CoA will be informed.

7.10. Corrective and Preventative actions

An environmental investigation should include the following basic elements:

- Identify the cause of the incident;
- Identifying and implementing the necessary corrective action;
- Identifying the personnel responsible for carrying out corrective action;
- Implementing or modifying controls necessary to avoid repetition;
- Recording changes in written procedures required; and
- Reporting to the appropriate government agencies if required.

7.11. Contingency Procedures

Contingency measures are included within this management plan. These protocols are designed to reduce adverse environmental impacts and provide an early detection of non-conformance and subsequent corrective action. Any modifications to the outlined strategies and methodologies to meet unexpected conditions shall be agreed to by the Site Manager. Monitoring shall be used to confirm the effectiveness of any changes.

Should it be identified by any personnel involved in the project there is a non-conformance to the acceptable methodology or there is reason to cause environmental harm, in consultation with the Site Manager and owner of the property, activities should cease during resolution of the required change in methodology.

The Site Manager should be notified of any environmental non-conformances and undertake site investigation. It will be the responsibility of the Site Manager to report any environmental incidents to the appropriate government agencies (e.g. Department of Water and Environmental Regulation – contamination, spills etc., Parks and Wildlife Service (PAWS/DBCA) - impacts to flora or fauna).

7.12. Spill Management Procedures

The following information is from the PaWS Spill Management Brochure (DEC 2011). This should be the methodology employed should a spill from fuel or chemical occur.

Dealing with minor spills

A small spill is considered to be a spill of 5 litres or less providing the product is not concentrated. For concentrated products of any quantity the spill must be treated as a large spill.

1. **Assess safety.** Make sure that people are kept clear, and that you have the right training and equipment to deal with the spill.
2. **Stop the source.** Providing it is safe to do so, stop the spill at its source. This may involve righting an overturned container or sealing holes or cracks in containers.
3. **Contain and clean up the spill.** The spill should be mopped up immediately.
4. **Record the spill.** Record when, what, how and where the spill occurred, clean up measures undertaken and the names of any witnesses. Also, make note of what changes can be made when handling, transporting or storing chemicals to ensure a similar incident does not happen again.

Dealing with large spills

A large spill is considered to be anything over 5 litres or concentrated chemicals of any volume.

1. **Assess safety.** Make sure that people are kept clear, and that you have the right training and equipment to deal with the spill.
2. **Consult the Material Safety Data Sheet (MSDS).** The MSDS will have instructions on how to deal with specific chemical spills.
3. **Put on protective clothing.** If necessary, put on gloves and goggles, a mask and an apron.

4. Stop the source. Providing it is safe to do so, stop the spill at its source. This may involve righting an overturned container or sealing holes or cracks in containers.

5. Contain and control the flow. The spill should be prevented from filtrating into the ground or entering the stormwater system. The outer edge of the spill should be dammed with rags, blankets, sand, sands bags, mops and/or absorbent booms.

6. Clean up the spill. Promptly cover the spill using absorbent materials such as the correct absorbent granules for the product (Note that some strong acids will react with some types of granules and sawdust), sand and rags, being mindful not to splash the spill. Using a dustpan or spade, the absorbent granules or sand must then be scooped up and placed into a container. This waste material is not to be buried or thrown into the environment. The method of disposing this waste will depend on the amount and the type of chemical that was spilt. The Department of Environment Controlled Waste Section will advise on the appropriate disposal of hazardous substances. There are several contractors that will dispose of contaminated substances and soils. All contact phone numbers can be found below

7. Notify the appropriate authority. If the spill does enter a stormwater drain or open ground, the Department of Environment and your local council must be notified. Please refer to the phone numbers listed below. If there is a hazard to health or property, call Fire and Rescue on 000 immediately.

8. Record the incident. Record what, how and where the spill occurred and the names of any witnesses. Also, make note of what changes can be made when handling, transporting or storing chemicals to ensure a similar incident does not happen again.

Who to call in an emergency

All hours' phone numbers

Life / property emergencies: Ambulance, Fire or Police	000
Pollution emergencies - Department of Water and Environment Regulation	1300 784 782
Poisons Information Centre	13 11 26
Water Corporation – Emergencies and water service difficulties	13 13 75

7.13. Monitoring and contingency planning

Environmental controls during construction will be checked at frequent intervals as outlined in Table 6 below. This will be the responsibility of the Site Supervisor and the Environmental Officer to ensure all the below activities are carried out.

Table 6: Environmental Monitoring Activities During Construction

<i>Frequency & Compliance Number</i>	<i>Activity</i>
Daily	Check all sediment controls
	Check waste materials collected from site are correctly sorted and stored (i.e. green waste, refuelling in designated areas only).
	Check personal safety equipment before each use.
	Check dust filters on equipment.
	Visually check vehicles and equipment for leaks or potential oil spills.
	Check signage, gates and demarcation tapes (trees and dieback) in place
	Check noise suppression devices on equipment prior to working.
	Check no disturbance to Soils in wetlands/creek areas for disturbance of ASS.
	Check vehicle/hygiene requirements have been met.
	Check topsoil has been appropriately placed.
	Check no unplanned vegetation clearing has occurred.
	Incident reports have been completed if required.
	Check containers of hazardous materials are properly stored and not damaged (away from site)
Twice weekly	Ensure dust suppression controls in place
	Visually check vehicles and equipment for leaks or potential oil spills
Weekly	Inspect all sediment control structures
After rain (i.e. >10mm)	Check all drains are free from debris or chemicals (i.e. hydrocarbons)
	Stormwater structures are checked and/or are cleaned out
	Check for erosion after wet periods and winter months
	Ensure drainage structures are working as required
Monthly	Ensure sediment controls are working appropriately
	Ensure rehabilitation areas are healthy and free of weeds
	Apply stabilisation on any bare regenerating areas
	Remove weeds as per Weed Management Plan
	Ensure public access is restricted and signage in place

8. Consultation process

To ensure that all aspects of the project encompass current best practise, legislative requirements and guidelines, the following consultation plan shall be implemented.

Consultation shall occur with government agencies:

- At approval of the CoA Planning Approval and prior to implementation, for CoA feedback and comment regarding the document;
- A site meeting/walk over with government agency representatives (if requested) prior to commencement of any site works to confirm refuelling area, demarcation, turnarounds, areas of concern etc.; and
- Post construction periods.

Recommended government agencies to consult are:

- Department of Water and Environmental Regulation – regarding all storm water and water quality issues;
- Department Biodiversity, Conservation and Attraction (Parks and Wildlife Service) – vegetation and flora, fauna, wetlands weeds, disease, flora and fauna issues;
- City of Albany – regarding site construction activities, areas of environmental concern, pit and track design, control measures implemented and ongoing management.

Regular consultation can occur during operations with other stakeholders as required and may include but not be limited to:

- Neighbours;
- Community groups;
- City of Albany representatives;
- Parks and Wildlife Service (DBCAs); and
- Interest groups as identified.

The client and site supervisor shall have overall responsibility of conveying information to relevant government agencies regarding any environmental or operational issue or concern.

9. Implementation Process

A generalised implementation program for the proposal is shown below in Table 7. Carting of gravel products will occur during times of high demand such as through the construction period of November to May. Each stage / pit is to be rehabilitated prior to the next stage being opened, which should take no more than 1 week to complete. The implementation program outlined below is a generalised plan and may be subject to change depending on demand for resource and gravel availability at the site. It is noted that the CoA license is for 8 years and is subject to renewal at the end of that period. It is noted that this period is “renewal license period” only not a life of project.

Table 7: Implementation Program

Year	2020	2021	2022	2023	2024	2025	2026	2027
Stage								
Stage 1 extraction								
Rehabilitation								
Stage 2 extraction								
Rehabilitation								
Stage 3 extraction								
Rehabilitation								
Stage 4 extraction								
Rehabilitation								
Stage 5 extraction								
Rehabilitation								
Stage 6 extraction								
Rehabilitation								
Stage 7 extraction								
Rehabilitation								

It is recommended that this management plan is reviewed post initial excavation stages to ensure site management is occurring to the plan and any modifications are undertaken to the document consistent with operational duties and environmental requirements. Any factors which need to be considered for long term management should be documented into an updated post completion report or long-term maintenance schedule. At each stage/activity the management goals/objectives should be met prior to commencement of the next stage of works.

10. References

AS 3959-2018 Australian Standard, Construction of buildings in bushfire-prone areas, Building Code of Australia, Primary Referenced Standard, Australian Building Codes Board and Standards Australia.

Beard's Vegetation Classification dataset, 1:3,000,000 digital representation of Beard's vegetation map of the state of Western Australia (DPIRD-006).

Beard, J. S., Beeston, G.R., Harvey, J.M., Hopkins, A. J. M. and Shepherd, D. P. (2013). The vegetation of Western Australia at the 1:3,000,000 scale. Explanatory memoir. Second edition. *Conservation Science Western Australia* 9: 1-152.

BoM, Bureau of Meteorology Australia (2020) Climate Statistics for Australian Locations – Albany (Station # 009500). Accessed: March 2020 www.bom.gov.au

City of Albany Fire Management Notice 2019/2020, accessed from: www.albany.wa.gov.au

DBCA (2007 –) *NatureMap: Mapping Western Australia's Biodiversity*. Department of Parks and Wildlife. URL: <https://naturemap.dbca.wa.gov.au/>

Department of Environment and Conservation (DEC) (2005) digital dataset “Pre-European Vegetation – Western Australia (NVIS Compliant Version)”.

Department of Fire and Emergency Services Website accessed from: www.dfes.wa.gov.au

Department of Primary Industries and Regional Development (2020a). *Shared Land Information Portal – Natural Resource Management: Soil – Landscape Mapping dataset*. Accessed April 2020. <https://maps.agric.wa.gov.au/nrm-info>

Department of Primary Industries and Regional Development (2020b). *Shared Land Information Portal – Natural Resource Management: Hydrological Zones dataset*. Accessed April 2020. <https://maps.agric.wa.gov.au/nrm-info>

Department of Water Public Drinking Water Supply Act (2001) Mapping dataset, Government of Western Australia.

Department of Agriculture, Water and Environment (DAWE) (2020). EPBC Act Protected Matters Search Tool. URL: <http://www.environment.gov.au/webgis-framework/apps/pmst/pmst.jsf#>

Department of Water (2016). *Land use compatibility tables for public drinking water source areas*. Water Quality Protection Note No. 25. Government of Western Australia.

Environmental Protection Authority Western Australia (2005) *Environmental Assessment Guideline for Separation Distances between Industrial and Sensitive Land Uses – Guidance Statement No. 3*. Government of western Australia.

Environmental Protection Authority Western Australia (2015) *Draft Environmental Assessment Guideline for Separation Distances between Industrial and Sensitive Land Uses*. Government of western Australia.

GoWA (2019). 2018 Statewide Vegetation Statistics incorporating the CAR Reserve Analysis (Full Report). Current as of March 2019. WA Department of Biodiversity, Conservation and Attractions, Perth.

Hearn, R., Williams, K., S. Comer and B. Beecham (2002). *Jarrah Forest 2 (JF2 – Southern Jarrah Forest subregion)*. Department of Conservation and Land Management.

Keighery, B. (1994) *Bushland Plant Survey, A Guide to Community Survey for the Community*, Wildflower Society of WA.

Moore, J, and Wheeler, J. *Southern Weeds and Their Control*, Department of Agriculture.

Personal Communication from Helen O'Neill to Bio Diverse Solutions during site assessment and review period.

Sandiford, E.M. and Barrett, S. (2010) *Albany Regional Vegetation Survey, Extent Type and Status, A project funded by the Western Australian Planning Commission (EnviroPlanning “Integrating NRM into Land Use Planning” and State NRM Program), South Coast Natural Resource Management Inc. and City of Albany for the Department of Environment and Conservation*. Unpublished report. Department of Environment and Conservation, Western Australia.

Office of Bushfire Management (OBRM) (2019) Map of Bushfire Prone Areas. Data retrieved from State Information Land Portal (SLIP): <https://maps.slip.wa.gov.au/landgate/bushfireprone/>

Shepherd, D.P., Beeston, G.R. and Hopkins, A.J.M. (2002) *Native Vegetation in Western Australia, extent Type and Status, Technical Report 249*, Department of Agriculture WA.

WALGA, (2020A), *Environmental Planning Tool – Public Drinking water Source Areas*, viewed April 2020.

WALGA, (2020b), *Environmental Planning Tool – RIWI Groundwater Areas*, viewed April 2020.

WALGA (2020). *Environmental Planning Tool – Department of Aboriginal Affairs Aboriginal Site and other Heritage Places Dataset*, viewed April 2020. http://lbp.asn.au/index_public.html

Western Australian Planning Commission (WAPC) (2017) *Guidelines for Planning in Bushfire Prone Areas v1.3*. Western Australian Planning Commission and Department of Planning WA, Government of Western Australia.

Western Australian Planning Commission (WAPC) (2015) *State Planning Policy 3.2 Planning in Bushfire Prone Areas*. Department of Planning WA and Western Australian Planning Commission.

11. Appendices

Appendix A – Site Facility Mapping

Appendix B – Water Features Mapping

Appendix C – Native Vegetation Mapping

Appendix D – Bushfire Mapping

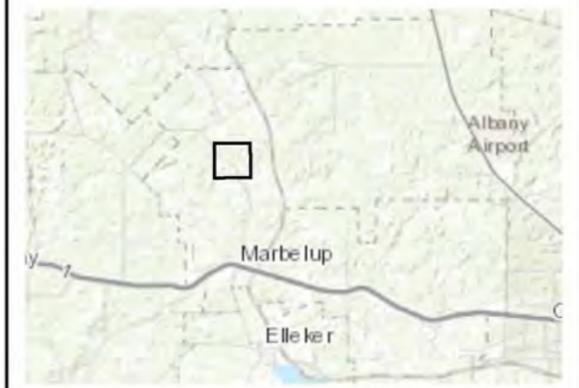
Appendix E – Database Searches

Appendix A

Site Facility Mapping



29 Hercules Crescent
Albany, WA 6330
Australia
Tel: 08 9842 1575
Fax: 08 9842 1575



Overview Map Scale 1:250,000

Legend

- Property Boundary (Lots 3348 & 4120)
 - Cadastre
 - Extraction Area
 - Pits
 - GPS Points
 - Access Routes
- Staging Areas**
- 1
 - 2
 - 3
 - 4
 - 5
 - 6
 - 7



Scale
1:4,000 @ A3
GDA MGA 94 Zone 50

Data Sources
Aerial Imagery: SLIP Virtual Mosaic WMS Service, Landgate 2016
Cadastre and Contours: Landgate 2016
Overview Map: World Topographic map service, ESRI 2012

CLIENT
A.D. Contractors
Lot 3348 and Lot 4120 on Deposited Plan No: 202487
Marbellup, WA 6330

Staging Plan

STATUS	FILE	DATE
FINAL	MSC0282	22/10/2020



29 Hercules Crescent
Albany, WA 6330
Australia
Tel: 08 9842 1575
Fax: 08 9842 1575

Overview Map Scale 1:250,000

Legend

- Property Boundary (Lots 3348 & 4120)
- Extraction Area
- Cadastre
- Existing Dwelling
- Separation Distance
- Pits
- 2-4m Bunding for Noise and Dust Reduction
- Fire Service Access
- Windbreaks

Buffers

- 10m Windbreak Buffer
- 50m Dam Buffer (CoA)
- 200m Adjacent Residences Buffer (CoA)
- 300m Noise & Dust Buffer to Extraction Areas (CoA)
- 500m Noise and Dust Buffer (EPA)
- 1000m Noise and Dust Buffer (EPA)

South Coast Significant Wetlands (DBCA)

- Conservation Class

Scale
1:11,750@ A3
GDA MGA 94 Zone 50

Data Sources
Aerial Imagery: SLIP Virtual Mosaic WMS Service, Landgate 2016
Cadastre and Contours: Landgate 2016
Overview Map: World Topographic map service, ESRI 2012

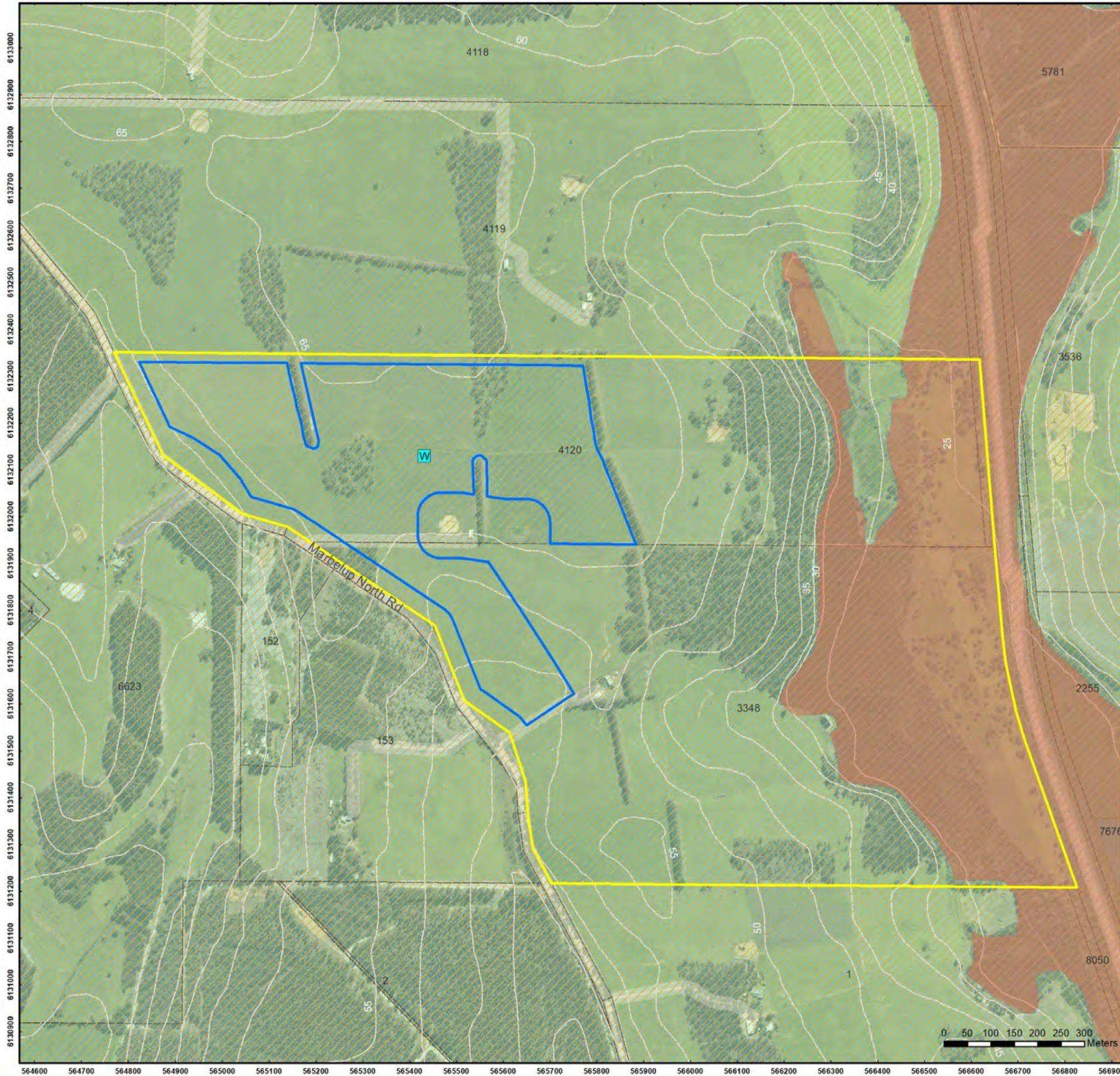
CLIENT
A.D. Contractors
Lot 3348 and Lot 4120 on Deposited Plan No: 202487
Marbellup, WA 6330

Site Buffers Mapping

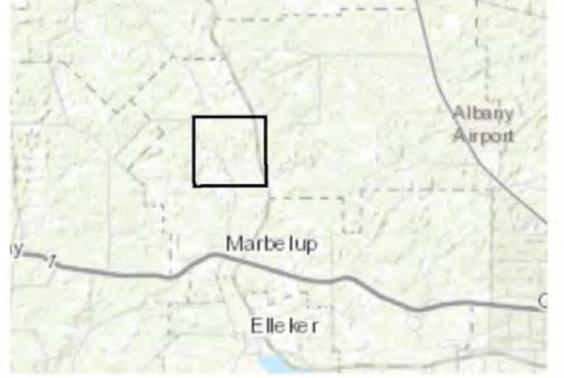
STATUS	FILE	DATE
FINAL	MSC0282	22/10/2020

Appendix B

Water Features Mapping



BIO DIVERSE SOLUTIONS
 29 Hercules Crescent
 Albany, WA 6330
 Australia
 Tel: 08 9842 1575
 Fax: 08 9842 1575



Overview Map Scale 1:250,000

- Legend**
- Property Boundary
 - Extraction Area
 - Cadastre
 - 5m Contours
 - Bore Location
 - South Coast Significant Wetlands (DBCA_018) Conservation Class
 - Public Drinking Water Source Area P2
 - RIWI Act, Groundwater Areas (DWER-034)

Scale
 1:8,000 @ A3
 GDA MGA 94 Zone 50

Data Sources
 Aerial Imagery: SLIP Virtual Mosaic WMS Service, Landgate 2016
 Cadastre and Contours: Landgate 2016
 Overview Map: World Topographic map service, ESRI 2012

CLIENT
 A.D. Contractors
 Lot 3348 and Lot 4120 on Deposited Plan No: 202487
 Marbellup, WA 6330

Water Features Mapping

STATUS	FILE	DATE
FINAL	MSC0282	22/10/2020

DRILL LOG!

DATE: 14/5/10

Customer Name: Graham Smith

Address: 314 Nth. Marbellup road

Phone No: 9845 3223

BORE DEPTH:	35m
STATIC WATER LEVEL:	27m
SALT CONTENT:	90mspm
DISCHARGE:	80lpm
DRAWDOWN:	2m

0-1m ironstone

1-6 sticky clays

6-9 pasty clays

9-18 sands

18-27 red sandstone and pasty clays

27-36 medium sands into greeny clays. 1 screen.

Appendix C

Vegetation Mapping



29 Hercules Crescent
Albany, WA 6330
Australia
Tel: 08 9842 1575
Fax: 08 9842 1575



Legend

- Property Boundary
 - Extraction Area
 - Cadastre
 - 5m Contours
 - Native Vegetation Extent (DPIRD_005)
- ARVS Vegetation Units**
- Homalospermum firmum/Callistemon glaucus Peat Thicket, 47
 - Jarrah/Marri/Sheoak Laterite Forest, 12
 - Melaleuca preissiana Low Woodland, 49
 - Taxandria juniperina Closed Forest, 59



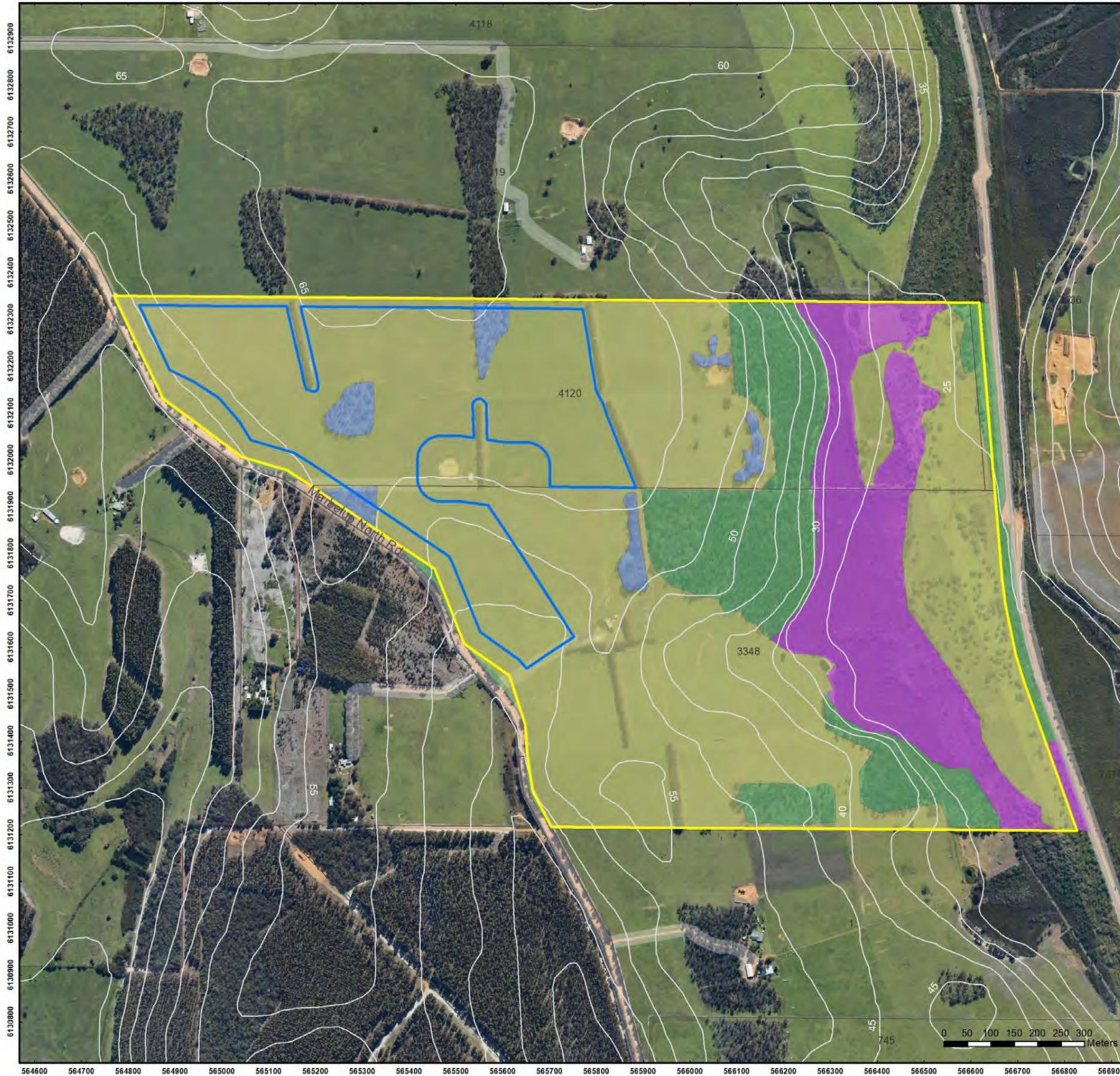
Scale
1:8,000 @ A3
GDA MGA 94 Zone 50

Data Sources
Aerial Imagery: SLIP Virtual Mosaic WMS Service, Landgate 2016
Cadastre and Contours: Landgate 2016
Overview Map: World Topographic map service, ESRI 2012

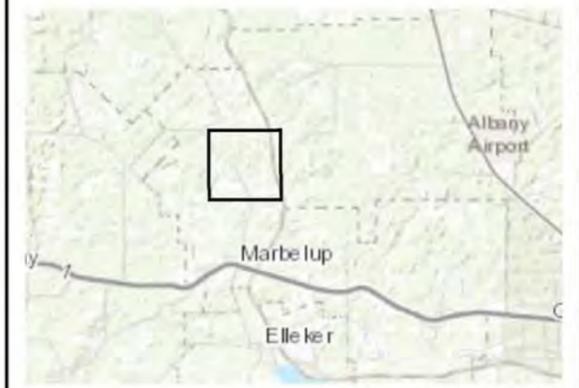
CLIENT
A.D. Contractors
Lot 3348 and Lot 4120 on Deposited Plan No: 202487
Marbellup, WA 6330

Native Vegetation Mapping

STATUS	FILE	DATE
FINAL	MSC0282	22/10/2020



29 Hercules Crescent
Albany, WA 6330
Australia
Tel: 08 9842 1575
Fax: 08 9842 1575



Overview Map Scale 1:250,000

Legend

- Property Boundary
 - Extraction Area
 - Cadastre
 - 5m Contours
- Vegetation Types**
- Managed Grassland
 - Jarrah/Marri/Sheoak Laterite Forest
 - Melaleuca preissiana and Homalospermum firmum heath
 - Existing Paddock Trees



Scale
1:8,000 @ A3
GDA MGA 94 Zone 50

Data Sources
Aerial Imagery: SLIP Virtual Mosaic WMS Service, Landgate 2016
Cadastre and Contours: Landgate 2016
Overview Map: World Topographic map service, ESRI 2012

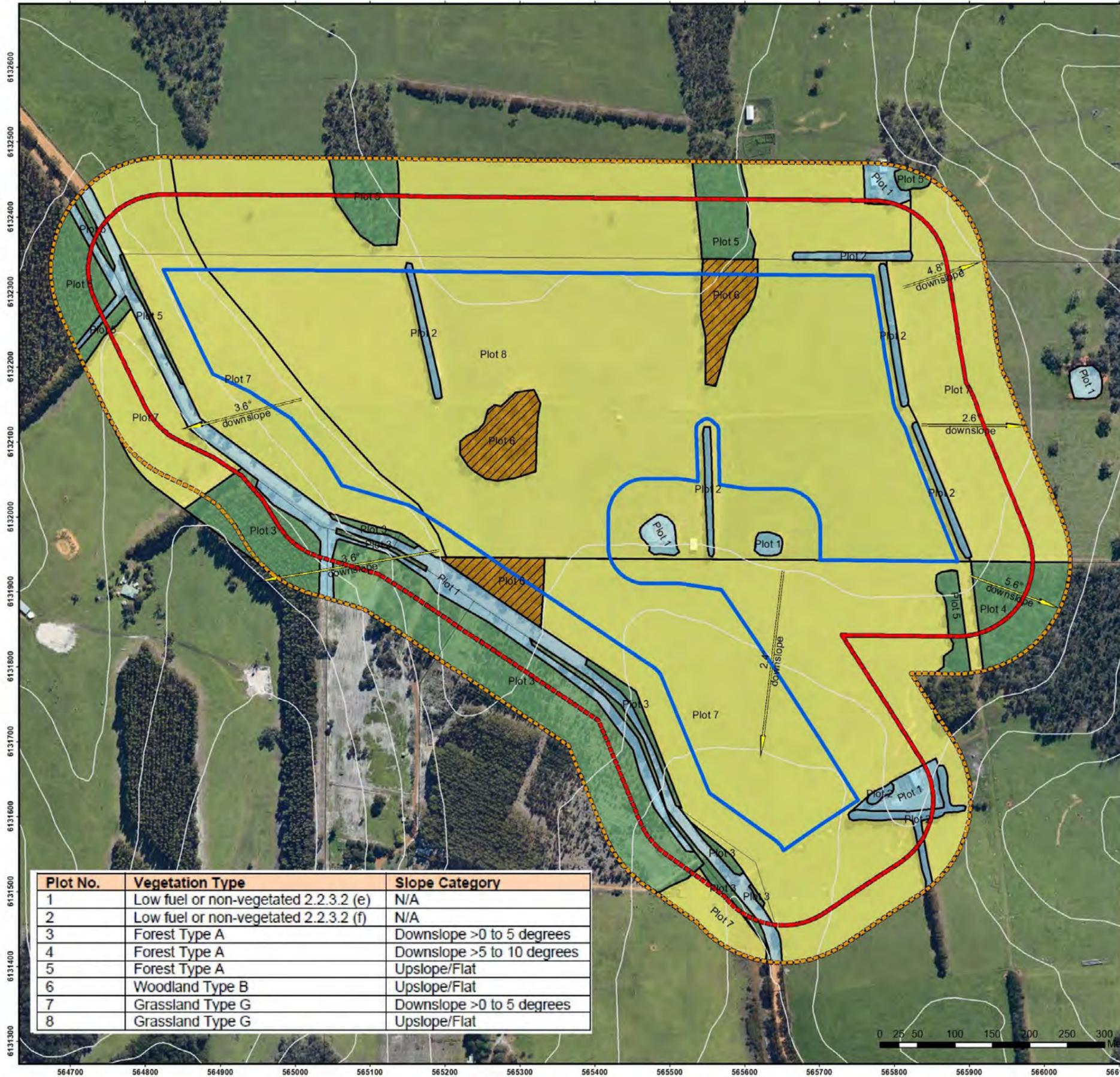
CLIENT
A.D. Contractors
Lot 3348 and Lot 4120 on Deposited Plan No: 202487
Marbellup, WA 6330

Site Vegetation Mapping

STATUS	FILE	DATE
FINAL	MSC0282	22/10/2020

Appendix D

Bushfire Mapping



Plot No.	Vegetation Type	Slope Category
1	Low fuel or non-vegetated 2.2.3.2 (e)	N/A
2	Low fuel or non-vegetated 2.2.3.2 (f)	N/A
3	Forest Type A	Downslope >0 to 5 degrees
4	Forest Type A	Downslope >5 to 10 degrees
5	Forest Type A	Upslope/Flat
6	Woodland Type B	Upslope/Flat
7	Grassland Type G	Downslope >0 to 5 degrees
8	Grassland Type G	Upslope/Flat

This BAL Plan was prepared by:
 Kathryn Kinnear, Bio Diverse Solutions
 Accreditation No: BPAD30794
 Jurisdiction: Level 2 - WA

BPAD
 Bushfire Planning & Design
 Accredited Practitioner
 Level 2

BIO DIVERSE SOLUTIONS
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Overview Map Scale 1:100,000

Legend

- Subject Site
- 100m Assessment Boundary
- 150m Assessment Boundary
- Cadastre
- 5m Contours
- Separation Distance
- Slopes Degrees
- Future Low Fuel
- Vegetation/Plot Boundary

Vegetation

- Forest Type A
- Woodland Type B
- Grassland Type G
- Low fuel or non vegetated 2.2.3.2

Scale
 1:5,000 @ A3
 GDA MGA 94 Zone 50

Data Sources
 Aerial Imagery: WA Now, Landgate Subscription Imagery
 Cadastre, Relief Contours and Roads: Landgate 2017
 IRIS Road Network: Main Roads Western Australia 2017
 Overview Map: World Topographic map service, ESRI 2012

CLIENT
 A.D. Contractors Pty Ltd
 Lots 3348 and 4120 Marbellup Road North
 Marbellup, WA 6330

Vegetation Classes

BAL Assessor KK	QA Check BT	Drawn by BT
STATUS FINAL	FILE MSC0282	DATE 22/10/2020



This BAL Plan was prepared by:
 Kathryn Kinnear, Bio Diverse Solutions
 Accreditation No: BPAD30794
 Jurisdiction: Level 2 - WA

BPAD
 Bushfire Planning & Design
 Accredited Practitioner
 Level 2

BIO DIVERSE SOLUTIONS

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Overview Map Scale 1:100,000

Legend

- Subject Site
- 100m Assessment Boundary
- 150m Assessment Boundary
- Cadastre
- 5m Contours
- Staging Areas
- Pits

Bushfire Hazard Level

- Extreme
- Moderate
- Low

Scale
 1:5,000 @ A3
 GDA MGA 94 Zone 50

Data Sources
 Aerial Imagery: WA Now, Landgate Subscription Imagery
 Cadastre, Relief Contours and Roads: Landgate 2017
 IRIS Road Network: Main Roads Western Australia 2017
 Overview Map: World Topographic map service, ESRI 2012

CLIENT
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 Lots 3348 and 4120 Marbellup Road North
 Marbellup, WA 6330

BHL Mapping

BAL Assessor KK	QA Check BT	Drawn by BT
STATUS FINAL	FILE MSC0282	DATE 22/10/2020

Appendix E

Database Searches

NatureMap 10km Flora Species Report

Created By Guest user on 21/04/2020

Kingdom	Plantae
Current Names Only	Yes
Core Datasets Only	Yes
Method	'By Circle'
Centre	117° 43' 22" E, 34° 57' 19" S
Buffer	10km
Group By	Family

Family	Species	Records
Acrobolbaceae	1	1
Agapanthaceae	1	1
Anarthriaceae	5	12
Apiaceae	5	13
Apocynaceae	1	1
Araliaceae	3	3
Asparagaceae	10	15
Aspleniaceae	1	1
Asteraceae	7	8
Boraginaceae	1	1
Brassicaceae	1	1
Bryaceae	2	2
Campanulaceae	2	5
Caryophyllaceae	1	1
Casuarinaceae	2	2
Centrolepidaceae	6	9
Cephalotaceae	1	4
Cephalozellaceae	1	1
Cupressaceae	1	1
Cyperaceae	28	56
Dasygogonaceae	4	6
Dicranaceae	2	4
Dilleniaceae	6	6
Droseraceae	11	21
Elaeocarpaceae	3	5
Ericaceae	27	86
Euphorbiaceae	3	4
Fabaceae	61	141
Funariaceae	1	1
Geraniaceae	2	2
Goodeniaceae	10	18
Haemodoraceae	8	12
Haloragaceae	1	3
Hemerocallidaceae	5	7
Hydatellaceae	1	7
Iridaceae	5	7
Juncaceae	5	10
Lamiaceae	1	1
Lauraceae	5	12
Lentibulariaceae	2	4
Lepidoziaceae	1	2
Linaceae	1	1
Lindsaeaceae	1	2
Loganiaceae	4	8
Lophocoleaceae	1	3
Lycopodiaceae	1	1
Malvaceae	4	4
Menyanthaceae	2	7
Myrtaceae	44	131
Olacaceae	1	1
Onagraceae	1	4
Orchidaceae	39	56
Orobanchaceae	2	2
Orthotrichaceae	1	1
Phyllanthaceae	1	2
Phytolaccaceae	1	1
Pittosporaceae	4	14
Plantaginaceae	1	1
Poaceae	12	16
Polygalaceae	4	6
Polygonaceae	1	1
Pottiaceae	3	4
Primulaceae	1	2
Proteaceae	61	162
Racopilaceae	1	1
Restionaceae	14	55
Rhamnaceae	2	3
Rosaceae	1	2
Rubiaceae	1	2
Rutaceae	10	19
Santalaceae	4	15
Sapindaceae	1	4
Selaginellaceae	1	1
Sematophyllaceae	1	1
Solanaceae	2	2



Styidiaceae	24	58
Thuidiaceae	2	3
Thymelaeaceae	6	14
Xyridaceae	3	10
TOTAL	508	1117

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
Acrobolbaceae				
1.	<i>Lethocolea pansa</i>			
Agapanthaceae				
2.	18380 <i>Agapanthus praecox subsp. orientalis</i>	Y		
Anarthriaceae				
3.	1058 <i>Anarthria gracilis</i>			
4.	1060 <i>Anarthria laevis</i>			
5.	1062 <i>Anarthria prolifera</i>			
6.	1063 <i>Anarthria scabra</i>			
7.	18049 <i>Lyginia imberbis</i>			
Apiaceae				
8.	6203 <i>Actinotus glomeratus</i>			
9.	6206 <i>Actinotus omnifertilis</i>			
10.	6253 <i>Platysace filiformis</i>			
11.	6263 <i>Schoenolaena juncea</i>			
12.	6292 <i>Xanthosia rotundifolia (Southern Cross)</i>			
Apocynaceae				
13.	6565 <i>Alyxia buxifolia (Dysentery Bush)</i>			
Araliaceae				
14.	18297 <i>Hedera helix</i>	Y		
15.	6223 <i>Hydrocotyle alata</i>			
16.	6226 <i>Hydrocotyle callicarpa (Small Pennywort)</i>			
Asparagaceae				
17.	1302 <i>Laxmannia jamesii (James' Paperlily)</i>			
18.	1223 <i>Lomandra caespitosa (Tufted Mat Rush)</i>			
19.	1225 <i>Lomandra drummondii</i>			
20.	1234 <i>Lomandra nigricans</i>			
21.	1238 <i>Lomandra pauciflora</i>			
22.	1244 <i>Lomandra sonderi</i>			
23.	1246 <i>Lomandra suaveolens</i>			
24.	1328 <i>Thysanotus dichotomus (Branching Fringe Lily)</i>			
25.	1339 <i>Thysanotus multiflorus (Many-flowered Fringe Lily)</i>			
26.	1354 <i>Thysanotus tenellus</i>			
Aspleniaceae				
27.	61 <i>Asplenium aethiopicum (Forked Spleenwort)</i>			
Asteraceae				
28.	7909 <i>Carduus pycnocephalus (Slender Thistle)</i>	Y		
29.	7962 <i>Dittrichia viscosa</i>	Y		
30.	8099 <i>Leontodon saxatilis (Hairy Hawkbit)</i>	Y		
31.	8133 <i>Olearia elaeophila</i>			
32.	20663 <i>Senecio multicaulis subsp. multicaulis</i>			
33.	9367 <i>Sonchus hydrophilus (Native Sowthistle)</i>			
34.	8231 <i>Sonchus oleraceus (Common Sowthistle)</i>	Y		
Boraginaceae				
35.	6681 <i>Echium plantagineum (Paterson's Curse)</i>	Y		
Brassicaceae				
36.	3027 <i>Lepidium foliosum (Leafy Peppergrass)</i>			
Bryaceae				
37.	32417 <i>Ptychostomum angustifolium</i>			
38.	32424 <i>Rosulabryum albolimbatum</i>			
Campanulaceae				
39.	9289 <i>Lobelia anceps (Angled Lobelia)</i>			
40.	7405 <i>Lobelia rarifolia</i>			
Caryophyllaceae				
41.	2912 <i>Spergula arvensis (Corn Spurry)</i>	Y		
Casuarinaceae				
42.	1728 <i>Allocasuarina fraseriana (Sheoak, Kondil)</i>			
43.	1732 <i>Allocasuarina humilis (Dwarf Sheoak)</i>			
Centrolepidaceae				
44.	1116 <i>Aphelia brizula</i>			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
45.	1117 <i>Aphelia cyperoides</i>			
46.	1123 <i>Centrolepis caespitosa</i>			
47.	1129 <i>Centrolepis glabra</i> (Smooth <i>Centrolepis</i>)			
48.	1132 <i>Centrolepis mutica</i>			
49.	13125 <i>Centrolepis strigosa</i> subsp. <i>strigosa</i>			
Cephalotaceae				
50.	3148 <i>Cephalotus follicularis</i> (Albany Pitcher Plant)			
Cephaloziellaceae				
51.	<i>Cephaloziella exiliflora</i>			
Cupressaceae				
52.	97 <i>Callitris roei</i> (Roe's Cypress Pine)			
Cyperaceae				
53.	743 <i>Baumea juncea</i> (Bare Twigrush)			
54.	17618 <i>Cyathochaeta equitans</i>			
55.	815 <i>Cyperus tenellus</i> (Tiny Flatsedge)	Y		
56.	834 <i>Evandra aristata</i>			
57.	835 <i>Evandra pauciflora</i>			
58.	902 <i>Gahnia decomposita</i>			
59.	907 <i>Gahnia trifida</i> (Coast Saw-sedge)			
60.	912 <i>Isolepis cyperoides</i>			
61.	931 <i>Lepidosperma drummondii</i>			
62.	934 <i>Lepidosperma gracile</i> (Slender Sword Sedge)			
63.	<i>Lepidosperma</i> sp.			
64.	945 <i>Lepidosperma squamatum</i>			
65.	946 <i>Lepidosperma striatum</i>			
66.	953 <i>Mesomelaena graciliceps</i>			
67.	957 <i>Mesomelaena tetragona</i> (Semaphore Sedge)			
68.	970 <i>Schoenus acuminatus</i>			
69.	978 <i>Schoenus brevisetis</i>			
70.	979 <i>Schoenus caespitius</i>			
71.	983 <i>Schoenus cruentus</i>			
72.	985 <i>Schoenus discifer</i>			
73.	986 <i>Schoenus efoliatus</i>			
74.	17614 <i>Schoenus plumosus</i>			
75.	1018 <i>Schoenus subfascicularis</i>			
76.	1021 <i>Schoenus subluxus</i>			
77.	1022 <i>Schoenus submicrostachyus</i>			
78.	1023 <i>Schoenus tenellus</i>			
79.	1038 <i>Tricostularia neesii</i>			
80.	20428 <i>Tricostularia</i> sp. south coast (R.T. Wills 1423)			
Dasypogonaceae				
81.	1212 <i>Baxteria australis</i>			
82.	1213 <i>Calectasia cyanea</i> (Blue Tinsel Lily)		T	
83.	1218 <i>Dasypogon bromeliifolius</i> (Pineapple Bush)			
84.	1221 <i>Kingia australis</i> (Kingia, Pulonok)			
Dicranaceae				
85.	32335 <i>Campylopus bicolor</i>			
86.	32338 <i>Campylopus introflexus</i>	Y		
Dilleniaceae				
87.	5117 <i>Hibbertia cuneiformis</i> (Cutleaf Hibbertia)			
88.	5118 <i>Hibbertia cunninghamii</i>			
89.	5119 <i>Hibbertia depressa</i>			
90.	5131 <i>Hibbertia gracilipes</i>			
91.	5137 <i>Hibbertia inconspicua</i>			
92.	5144 <i>Hibbertia microphylla</i>			
Droseraceae				
93.	48751 <i>Drosera drummondii</i>			
94.	13218 <i>Drosera erythrogyne</i>			
95.	19256 <i>Drosera intricata</i>			
96.	13099 <i>Drosera microscapa</i>			
97.	3112 <i>Drosera myriantha</i> (Star Rainbow)			
98.	3118 <i>Drosera pallida</i> (Pale Rainbow)			
99.	3122 <i>Drosera platypoda</i> (Fan-leaved Sundew)			
100.	3124 <i>Drosera pulchella</i> (Pretty Sundew)			
101.	13186 <i>Drosera roseana</i>			
102.	3130 <i>Drosera scorpioides</i> (Shaggy Sundew)			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
103.	48783 <i>Drosera verrucata</i>			
Elaeocarpaceae				
104.	4526 <i>Tetradlea affinis</i>			
105.	4544 <i>Tetradlea setigera</i>			
106.	4547 <i>Tremandra diffusa</i>			
Ericaceae				
107.	6306 <i>Andersonia caerulea</i> (Foxtails)			
108.	25844 <i>Andersonia caerulea</i> subsp. <i>caerulea</i>			
109.	19623 <i>Andersonia depressa</i>			
110.	6320 <i>Andersonia simplex</i> (Spiked Andersonia)			
111.	41737 <i>Andersonia</i> sp. <i>Jamesii</i> (J. Liddelow 84)		P4	
112.	16997 <i>Andersonia</i> sp. <i>Mitchell River</i> (B.G. Hammersley 925)		P3	
113.	6355 <i>Leucopogon alternifolius</i>		P3	
114.	6360 <i>Leucopogon australis</i> (Spiked Beard-heath)			
115.	6387 <i>Leucopogon distans</i>			
116.	6396 <i>Leucopogon glabellus</i>			
117.	40940 <i>Leucopogon obovatus</i> subsp. <i>obovatus</i>			
118.	6428 <i>Leucopogon pendulus</i>			
119.	6435 <i>Leucopogon polystachyus</i>			
120.	6440 <i>Leucopogon racemosus</i>			
121.	6441 <i>Leucopogon reflexus</i> (Heart-leaf Beard-heath)			
122.	10755 <i>Leucopogon rubricaulis</i>			
123.	6454 <i>Leucopogon verticillatus</i> (Tassel Flower)			
124.	6456 <i>Lysinema ciliatum</i> (Curry Flower)			
125.	6457 <i>Lysinema conspicuum</i>			
126.	6460 <i>Lysinema lasianthum</i>		P4	
127.	34736 <i>Lysinema pentapetalum</i>			
128.	6464 <i>Needhamiella pumilio</i>			
129.	31931 <i>Sphenotoma capitata</i>			
130.	31952 <i>Sphenotoma gracilis</i> (Swamp Paper-heath)			
131.	31951 <i>Sphenotoma parviflora</i>			
132.	48617 <i>Styphelia</i> sp. <i>Albany</i> (M. Hislop 2218)			
133.	6476 <i>Styphelia tenuiflora</i> (Common Pinheath)			
Euphorbiaceae				
134.	4585 <i>Amperea ericoides</i>			
135.	4588 <i>Amperea volubilis</i>			
136.	4666 <i>Monotaxis occidentalis</i>			
Fabaceae				
137.	15429 <i>Acacia alata</i> var. <i>alata</i>			
138.	11731 <i>Acacia browniana</i> var. <i>browniana</i>			
139.	16975 <i>Acacia decurrens</i>	Y		
140.	3363 <i>Acacia hastulata</i>			
141.	3383 <i>Acacia incurva</i>			
142.	3428 <i>Acacia luteola</i>			
143.	10955 <i>Acacia melanoxylon</i>	Y		
144.	3453 <i>Acacia myrtifolia</i>			
145.	3502 <i>Acacia pulchella</i> (Prickly Moses)			
146.	15482 <i>Acacia pulchella</i> var. <i>goadbyi</i>			
147.	3504 <i>Acacia pycnantha</i> (Golden Wattle)	Y		
148.	3523 <i>Acacia robiniae</i>			
149.	3576 <i>Acacia tetragonocarpa</i>			
150.	3588 <i>Acacia uliginosa</i>			
151.	3689 <i>Aotus intermedia</i>			
152.	3713 <i>Bossiaea linophylla</i>			
153.	3714 <i>Bossiaea ornata</i> (Broad Leaved Brown Pea)			
154.	10861 <i>Callistachys lanceolata</i> (Wonnich)			
155.	3757 <i>Chorizema glycinifolium</i>			
156.	3760 <i>Chorizema reticulatum</i> (Showy Flame Pea)			
157.	3811 <i>Daviesia flexuosa</i>			
158.	3817 <i>Daviesia inflata</i>			
159.	3876 <i>Eutaxia epacridoides</i>			
160.	3879 <i>Eutaxia parvifolia</i>			
161.	3880 <i>Eutaxia virgata</i>			
162.	19190 <i>Gastrolobium cuneatum</i>			
163.	20511 <i>Gastrolobium minus</i>			
164.	20500 <i>Gastrolobium sericeum</i>			
165.	3948 <i>Gompholobium capitatum</i>			
166.	10909 <i>Gompholobium confertum</i>			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
167.	3950 <i>Gompholobium knightianum</i>			
168.	3953 <i>Gompholobium ovatum</i>			
169.	3954 <i>Gompholobium polymorphum</i>			
170.	3955 <i>Gompholobium preissii</i>			
171.	11083 <i>Gompholobium scabrum</i>			
172.	3958 <i>Gompholobium venustum</i> (Handsome Wedge-pea)			
173.	11115 <i>Gompholobium villosum</i>			
174.	3964 <i>Hovea chorizemifolia</i> (Holly-leaved Hovea)			
175.	4028 <i>Jacksonia spinosa</i>			
176.	4037 <i>Kennedia coccinea</i> (Coral Vine)			
177.	4048 <i>Latrobea brunonis</i>			
178.	4049 <i>Latrobea diosmifolia</i>			
179.	4063 <i>Lotus uliginosus</i> (Greater Lotus)	Y		
180.	4076 <i>Medicago lupulina</i> (Black Medic)	Y		
181.	4114 <i>Ornithopus pinnatus</i> (Slender Serradella)	Y		
182.	4140 <i>Phyllota barbata</i>			
183.	4164 <i>Pultenaea aspalathoides</i>			
184.	4181 <i>Pultenaea reticulata</i>			
185.	4200 <i>Sphaerolobium alatum</i>			
186.	17551 <i>Sphaerolobium drummondii</i>			
187.	4202 <i>Sphaerolobium fornicatum</i>			
188.	4204 <i>Sphaerolobium grandiflorum</i>			
189.	20302 <i>Sphaerolobium hygrophilum</i>			
190.	4207 <i>Sphaerolobium medium</i>			
191.	4208 <i>Sphaerolobium nudiflorum</i>			
192.	17547 <i>Sphaerolobium pubescens</i>			
193.	17548 <i>Sphaerolobium rostratum</i>			
194.	4211 <i>Sphaerolobium vimineum</i> (Leafless Globe Pea)			
195.	4295 <i>Trifolium dubium</i> (Suckling Clover)	Y		
196.	11474 <i>Vicia sativa</i> subsp. <i>nigra</i>	Y		
197.	4325 <i>Viminaria juncea</i> (Swishbush, Koweda)			
Funariaceae				
198.	32370 <i>Funaria hygrometrica</i>			
Geraniaceae				
199.	4339 <i>Geranium molle</i> (Dove's Foot Cranesbill)	Y		
200.	4343 <i>Pelargonium capitatum</i> (Rose Pelargonium)	Y		
Goodeniaceae				
201.	7411 <i>Anthotium humile</i> (Dwarf Anthotium)			
202.	7439 <i>Dampiera fasciculata</i> (Bundled-leaf Dampiera)			
203.	7452 <i>Dampiera leptoclada</i> (Slender-shooted Dampiera)			
204.	7462 <i>Dampiera pedunculata</i>			
205.	7487 <i>Diaspasis filifolia</i> (Thread-leaved Diaspasis)			
206.	7508 <i>Goodenia filiformis</i> (Thread-leaved Goodenia)			
207.	7523 <i>Goodenia leptoclada</i> (Thin-stemmed Goodenia)			
208.	7572 <i>Lechenaultia expansa</i>			
209.	7646 <i>Scaevola striata</i> (Royal Robe)			
210.	7665 <i>Velleia trinervis</i>			
Haemodoraceae				
211.	1407 <i>Anigozanthos flavidus</i> (Tall Kangaroo Paw)			
212.	1413 <i>Anigozanthos preissii</i> (Albany Catspaw)			
213.	11597 <i>Conostylis setigera</i> subsp. <i>setigera</i>			
214.	1474 <i>Haemodorum sparsiflorum</i>			
215.	1478 <i>Phlebocarya ciliata</i>			
216.	1481 <i>Tribonanthes australis</i> (Southern Tiurndin)			
217.	8798 <i>Tribonanthes uniflora</i> (Woolly Tiurndin)			
218.	1485 <i>Tribonanthes violacea</i> (Violet Tiurndin)			
Haloragaceae				
219.	6166 <i>Gonocarpus simplex</i>		P4	
Hemerocallidaceae				
220.	23474 <i>Agrostocrinum hirsutum</i>			
221.	1285 <i>Corynotheca micrantha</i> (Sand Lily)			
222.	1297 <i>Johnsonia lupulina</i> (Hooded Lily)			
223.	1361 <i>Tricoryne elatior</i> (Yellow Autumn Lily)			
224.	29478 <i>Tricoryne</i> sp. <i>South Coast</i> (T.E.H. Aplin 2653)			
Hydatellaceae				
225.	1139 <i>Trithuria bibracteata</i>			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
Iridaceae				
226.	11445 <i>Ferraria crispa</i> subsp. <i>crispa</i>	Y		
227.	1524 <i>Gladiolus undulatus</i> (Wild Gladiolus)	Y		
228.	29193 <i>Iris laevigata</i>	Y		Y
229.	1533 <i>Ixia paniculata</i>	Y		
230.	1558 <i>Sparaxis bulbifera</i>	Y		
Juncaceae				
231.	1180 <i>Juncus capitatus</i> (Capitate Rush)	Y		
232.	1185 <i>Juncus kraussii</i> (Sea Rush)			
233.	1186 <i>Juncus microcephalus</i>	Y		
234.	1187 <i>Juncus oxycarpus</i>	Y		
235.	1188 <i>Juncus pallidus</i> (Pale Rush)			
Lamiaceae				
236.	6939 <i>Westringia dampieri</i>			
Lauraceae				
237.	2951 <i>Cassytha flava</i> (Dodder Laurel)			
238.	2952 <i>Cassytha glabella</i> (Tangled Dodder Laurel)			
239.	11857 <i>Cassytha glabella</i> forma <i>glabella</i>			
240.	2957 <i>Cassytha racemosa</i> (Dodder Laurel)			
241.	11242 <i>Cassytha racemosa</i> forma <i>pilosa</i>			
Lentibulariaceae				
242.	7148 <i>Utricularia multifida</i>			
243.	7153 <i>Utricularia tenella</i>			
Lepidoziaceae				
244.	<i>Kurzia compacta</i>			
Linaceae				
245.	4363 <i>Linum trigynum</i> (French Flax)	Y		
Lindsaeaceae				
246.	59 <i>Lindsaea linearis</i> (Screw Fern)			
Loganiaceae				
247.	6504 <i>Logania buxifolia</i>			
248.	46255 <i>Orianthera campanulata</i>			
249.	46315 <i>Orianthera serpyllifolia</i> subsp. <i>serpyllifolia</i>			
250.	16177 <i>Phyllangium paradoxum</i>			
Lophocoleaceae				
251.	<i>Chiloscyphus semiteres</i>			
Lycopodiaceae				
252.	12783 <i>Lycopodiella serpentina</i>			
Malvaceae				
253.	48634 <i>Commersonia comiculata</i>			
254.	40863 <i>Commersonia corylifolia</i> (Hazel-leaved Rulingia)			
255.	5092 <i>Thomasia pauciflora</i> (Few Flowered Thomasia)			
256.	5094 <i>Thomasia purpurea</i>			
Menyanthaceae				
257.	36178 <i>Liparophyllum lasiospermum</i>			
258.	36181 <i>Ornduffia parnassifolia</i>			
Myrtaceae				
259.	5315 <i>Actinodium cunninghamii</i> (Albany Daisy)			
260.	19789 <i>Agonis theiformis</i>			
261.	20361 <i>Astartea arbuscula</i> (Minute Astartea)			
262.	20125 <i>Astartea corniculata</i>			
263.	20127 <i>Astartea glomerulosa</i> (Early Astartea)			
264.	45213 <i>Astartea pulchella</i>			
265.	20283 <i>Astartea scoparia</i> (Common Astartea)			
266.	42820 <i>Astartea transversa</i>		P2	
267.	5376 <i>Beaufortia anisandra</i> (Dark Beaufortia)			
268.	5381 <i>Beaufortia decussata</i> (Gravel Bottlebrush)			
269.	5392 <i>Beaufortia sparsa</i> (Swamp Bottlebrush)			
270.	5394 <i>Callistemon glaucus</i>			
271.	5415 <i>Calothamnus lateralis</i>			
272.	5430 <i>Calothamnus schaueri</i>			
273.	5440 <i>Calytrix asperula</i> (Brush Starflower)			
274.	5458 <i>Calytrix flavescens</i> (Summer Starflower)			
275.	48451 <i>Calytrix hirta</i>			

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276.	17104 <i>Corymbia calophylla</i> (Marri)			
277.	5519 <i>Darwinia oederoides</i>			
278.	5625 <i>Eucalyptus diversicolor</i> (Karrri)			
279.	13547 <i>Eucalyptus marginata</i> subsp. <i>marginata</i> (Jarrah)			
280.	5709 <i>Eucalyptus megacarpa</i> (Bullich, Pulidj)			
281.	5776 <i>Eucalyptus staeri</i> (Albany Blackbutt)			
282.	5816 <i>Homalospermum firmum</i>			
283.	5818 <i>Hypocalymma cordifolium</i>			
284.	13106 <i>Hypocalymma scariosum</i>			
285.	5827 <i>Hypocalymma strictum</i>			
286.	17512 <i>Kunzea clavata</i>			
287.	17508 <i>Kunzea micrantha</i> subsp. <i>oligandra</i>			
288.	5841 <i>Kunzea recurva</i>			
289.	5853 <i>Leptospermum oligandrum</i>			
290.	5902 <i>Melaleuca densa</i>			
291.	5946 <i>Melaleuca pauciflora</i>			
292.	5952 <i>Melaleuca preissiana</i> (Moonah)			
293.	13277 <i>Melaleuca ringens</i>			
294.	5971 <i>Melaleuca striata</i>			
295.	5980 <i>Melaleuca thymoides</i>			
296.	11109 <i>Pericalymma crassipes</i>			
297.	15501 <i>Pericalymma spongiocaula</i>			
298.	6027 <i>Rinzia schollerifolia</i> (Cranberry Rinzia)			
299.	20114 <i>Taxandria fragrans</i>			
300.	20115 <i>Taxandria juniperina</i>			
301.	20135 <i>Taxandria linearifolia</i>			
302.	20133 <i>Taxandria parviceps</i>			
Olacaceae				
303.	2366 <i>Olax phyllanthi</i>			
Onagraceae				
304.	6133 <i>Epilobium hirtigerum</i> (Hairy Willow Herb)			
Orchidaceae				
305.	10776 <i>Caladenia ensata</i>			
306.	15350 <i>Caladenia flava</i> subsp. <i>sylvestris</i>			
307.	1603 <i>Caladenia longiclavata</i> (Clubbed Spider Orchid)			
308.	15371 <i>Caladenia nana</i> subsp. <i>nana</i>			
309.	15372 <i>Caladenia nana</i> subsp. <i>unita</i>			
310.	15375 <i>Caladenia pholcoidea</i>			
311.	1610 <i>Caladenia plicata</i> (Crab-lipped Spider Orchid)			
312.	15379 <i>Caladenia serotina</i>			
313.	1589 <i>Caladenia x ericksoniae</i>			
314.	15114 <i>Cyanicula gemmata</i>			
315.	10942 <i>Cyrtostylis tenuissima</i>			
316.	19649 <i>Disa bracteata</i>	Y		
317.	1640 <i>Drakaea glyptodon</i> (King-in-his-carriage)			
318.	11156 <i>Drakaea livida</i>			
319.	1643 <i>Elythranthera brunonis</i> (Purple Enamel Orchid)			
320.	1646 <i>Eriochilus dilatatus</i> (White Bunny Orchid)			
321.	15412 <i>Eriochilus dilatatus</i> subsp. <i>multiflorus</i>			
322.	15415 <i>Eriochilus scaber</i> subsp. <i>scaber</i>			
323.	15416 <i>Eriochilus valens</i>			
324.	12932 <i>Gastrodia lacista</i>			
325.	15418 <i>Leptoceras menziesii</i>			
326.	1656 <i>Lyperanthus serratus</i> (Rattle Beak Orchid)			
327.	12199 <i>Microtis familiaris</i>			
328.	15424 <i>Praecoxanthus aphyllus</i>			
329.	1672 <i>Prasophyllum fimbria</i> (Fringed Leek Orchid)			
330.	1676 <i>Prasophyllum hians</i> (Yawning Leek Orchid)			
331.	1677 <i>Prasophyllum macrostachyum</i> (Laughing Leek Orchid)			
332.	44084 <i>Prasophyllum</i> sp. <i>early</i> (G. Brockman GBB 1626)			
333.	1683 <i>Prasophyllum triangulare</i> (Dark Leek Orchid)			
334.	18655 <i>Pterostylis</i> sp. <i>crinkled leaf</i> (G.J. Keighery 13426)			
335.	1698 <i>Pterostylis vittata</i> (Banded Greenhood)			
336.	16367 <i>Pyrorchis nigricans</i> (Red beaks, Elephants ears)			
337.	10856 <i>Thelymitra benthamiana</i> (Leopard Orchid)			
338.	1705 <i>Thelymitra crinita</i> (Blue Lady Orchid)			
339.	1706 <i>Thelymitra cucullata</i> (Swamp Sun Orchid)			
340.	1707 <i>Thelymitra flexuosa</i> (Twisted Sun Orchid)			
341.	11053 <i>Thelymitra macrophylla</i>			

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342.	1716 <i>Thelymitra tigrina</i> (Tiger Orchid)			
343.	20737 <i>X Cyanthera glossodioides</i>			
Orobanchaceae				
344.	48868 <i>Bellardia viscosa</i>	Y		
345.	7122 <i>Orobanche minor</i> (Lesser Broomrape)	Y		
Orthotrichaceae				
346.	36218 <i>Zygodon menziesii</i>			
Phyllanthaceae				
347.	4690 <i>Poranthera huegelii</i>			
Phytolaccaceae				
348.	2793 <i>Phytolacca octandra</i> (Red Ink Plant)	Y		
Pittosporaceae				
349.	25798 <i>Billardiera fusiformis</i> (Australian Bluebell)			
350.	3159 <i>Billardiera laxiflora</i>			
351.	3165 <i>Billardiera variifolia</i>			
352.	16322 <i>Pittosporum undulatum</i>	Y		
Plantaginaceae				
353.	7108 <i>Veronica arvensis</i> (Wall Speedwell)	Y		
Poaceae				
354.	197 <i>Amphipogon debilis</i>			
355.	20184 <i>Amphipogon laguroides</i> subsp. <i>laguroides</i>			
356.	20196 <i>Amphipogon setaceus</i>			
357.	244 <i>Briza maxima</i> (Blowfly Grass)	Y		
358.	249 <i>Bromus diandrus</i> (Great Brome)	Y		
359.	287 <i>Dactylis glomerata</i> (Cocksfoot)	Y		
360.	299 <i>Deyeuxia quadriseta</i> (Reed Bentgrass)			
361.	353 <i>Eleusine indica</i> (Crowsfoot Grass)	Y		
362.	20019 <i>Lachnagrostis filiformis</i>			
363.	10957 <i>Lolium perenne</i> x <i>rigidum</i>	Y		
364.	485 <i>Microlaena stipoides</i> (Weeping Grass)			
365.	613 <i>Setaria verticillata</i> (Whorled Pigeon Grass)	Y		
Polygalaceae				
366.	4550 <i>Comesperma calymega</i> (Blue-spike Milkwort)			
367.	4552 <i>Comesperma confertum</i>			
368.	4554 <i>Comesperma flavum</i>			
369.	4578 <i>Polygala virgata</i>	Y		
Polygonaceae				
370.	2429 <i>Rumex acetosella</i> (Sorrel)	Y		
Pottiaceae				
371.	32315 <i>Barbula calycina</i>			
372.	36137 <i>Pseudocrossidium crinitum</i>			
373.	32451 <i>Triquetrella papillata</i>			
Primulaceae				
374.	6483 <i>Samolus junceus</i>			
Proteaceae				
375.	10824 <i>Acidonia microcarpa</i>			
376.	1791 <i>Adenanthos obovatus</i> (Basket Flower)			
377.	1800 <i>Banksia attenuata</i> (Slender Banksia, Piara)			
378.	32676 <i>Banksia biterax</i>			
379.	1806 <i>Banksia brownii</i> (Feather-leaved Banksia)		T	
380.	32525 <i>Banksia formosa</i> (Showy Dryandra)			
381.	11764 <i>Banksia gardneri</i> var. <i>brevidentata</i>			
382.	11532 <i>Banksia gardneri</i> var. <i>gardneri</i>			
383.	1819 <i>Banksia grandis</i> (Bull Banksia, Pulgarla)			
384.	1822 <i>Banksia ilicifolia</i> (Holly-leaved Banksia)			
385.	1830 <i>Banksia littoralis</i> (Swamp Banksia, Pungura)			
386.	1837 <i>Banksia occidentalis</i> (Red Swamp Banksia)			
387.	1841 <i>Banksia praemorsa</i> (Cut-leaf Banksia)			
388.	1844 <i>Banksia quercifolia</i> (Oak-leaved Banksia)			
389.	32085 <i>Banksia seneciifolia</i>		P4	
390.	32084 <i>Banksia serra</i> (Serrate-leaved Dryandra)		P4	
391.	12111 <i>Banksia sphaerocarpa</i> var. <i>sphaerocarpa</i> (Fox Banksia)			
392.	15610 <i>Conospermum caeruleum</i> subsp. <i>caeruleum</i>			
393.	1863 <i>Conospermum capitatum</i>			

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394.	1872 <i>Conospermum flexuosum</i> (Tangled Smokebush)			
395.	17109 <i>Conospermum flexuosum</i> subsp. <i>flexuosum</i>			
396.	2005 <i>Grevillea fasciculata</i>			
397.	2052 <i>Grevillea occidentalis</i>			
398.	15991 <i>Grevillea pulchella</i> subsp. <i>pulchella</i>			
399.	2112 <i>Grevillea trifida</i>			
400.	2128 <i>Hakea amplexicaulis</i> (Prickly Hakea)			
401.	2137 <i>Hakea ceratophylla</i> (Horned Leaf Hakea)			
402.	2150 <i>Hakea cucullata</i> (Hood Leaved Hakea)			
403.	2160 <i>Hakea ferruginea</i>			
404.	2162 <i>Hakea florida</i>			
405.	2169 <i>Hakea lasiantha</i> (Woolly Flowered Hakea)			
406.	2174 <i>Hakea linearis</i>			
407.	2191 <i>Hakea oleifolia</i> (Dungyn)			
408.	2197 <i>Hakea prostrata</i> (Harsh Hakea)			
409.	2203 <i>Hakea ruscifolia</i> (Candle Hakea)			
410.	2212 <i>Hakea sulcata</i> (Furrowed Hakea)			
411.	16640 <i>Hakea tuberculata</i>			
412.	2216 <i>Hakea varia</i> (Variable-leaved Hakea)			
413.	2223 <i>Isopogon axillaris</i>			
414.	12908 <i>Isopogon buxifolius</i> var. <i>buxifolius</i>		P2	
415.	2226 <i>Isopogon cuneatus</i> (Coneflower)			
416.	16880 <i>Isopogon formosus</i> subsp. <i>formosus</i>			
417.	2233 <i>Isopogon longifolius</i>			
418.	2253 <i>Lambertia uniflora</i>			
419.	2262 <i>Persoonia elliptica</i> (Spreading Snottygobble)			
420.	2264 <i>Persoonia graminea</i>			
421.	2267 <i>Persoonia longifolia</i> (Snottygobble)			
422.	2282 <i>Petrophile acicularis</i>			
423.	2292 <i>Petrophile divaricata</i>			
424.	2293 <i>Petrophile diversifolia</i>			
425.	2306 <i>Petrophile rigida</i>			
426.	17765 <i>Petrophile squamata</i> subsp. <i>squamata</i>			
427.	12910 <i>Stirlingia seselifolia</i>			
428.	2318 <i>Stirlingia tenuifolia</i>			
429.	2322 <i>Synaphea favosa</i>			
430.	16859 <i>Synaphea incurva</i>		P3	
431.	16866 <i>Synaphea intricata</i>		P3	
432.	12911 <i>Synaphea obtusata</i>			
433.	2324 <i>Synaphea petiolaris</i> (<i>Synaphea</i>)			
434.	2326 <i>Synaphea polymorpha</i> (<i>Albany Synaphea</i> , <i>Pinda</i>)			
435.	2327 <i>Synaphea preissii</i>		P3	
Racopilaceae				
436.	32480 <i>Racopilum cuspidigerum</i> var. <i>convolutaceum</i>			
Restionaceae				
437.	17685 <i>Chaetanthus aristatus</i>			
438.	1065 <i>Chaetanthus leptocarpoides</i>			
439.	17687 <i>Chaetanthus tenellus</i>			
440.	17828 <i>Chordifex isomorphus</i>			
441.	17689 <i>Chordifex laxus</i>			
442.	17691 <i>Desmocladius fasciculatus</i>			
443.	19918 <i>Hypolaena grandiuscula</i>			
444.	46375 <i>Leptocarpus decipiens</i>			
445.	1080 <i>Leptocarpus scariosus</i>			
446.	46377 <i>Leptocarpus scoparius</i>			
447.	1082 <i>Leptocarpus tenax</i> (<i>Slender Twine Rush</i>)			
448.	46379 <i>Leptocarpus thysananthus</i>			
449.	14915 <i>Sporadanthus strictus</i>			
450.	17684 <i>Tremulina tremula</i>			
Rhamnaceae				
451.	4828 <i>Spyridium globulosum</i> (<i>Basket Bush</i>)			
452.	14355 <i>Spyridium majoranifolium</i>			
Rosaceae				
453.	20506 <i>Rubus anglocandicans</i>	Y		
Rubiaceae				
454.	7348 <i>Opercularia hispidula</i> (<i>Hispid Stinkweed</i>)			
Rutaceae				

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
455.	4403 <i>Boronia alata</i> (Winged Boronia)			
456.	4412 <i>Boronia crassipes</i>		P3	
457.	4413 <i>Boronia crenulata</i> (Aniseed Boronia)			
458.	11503 <i>Boronia crenulata</i> subsp. <i>crenulata</i> var. <i>crenulata</i>			
459.	4416 <i>Boronia denticulata</i>			
460.	16630 <i>Boronia juncea</i> subsp. <i>laniflora</i>			
461.	16631 <i>Boronia juncea</i> subsp. <i>micrantha</i>			
462.	4441 <i>Boronia spathulata</i> (Boronia)			
463.	4442 <i>Boronia stricta</i>			
464.	18547 <i>Rhadinothamnus anceps</i>			
Santalaceae				
465.	2335 <i>Choretrum lateriflorum</i> (Dwarf Sour Bush)			
466.	2350 <i>Leptomeria pauciflora</i> (Sparse-flowered Currant Bush)			
467.	2353 <i>Leptomeria scrobiculata</i>			
468.	2355 <i>Leptomeria squarrolosa</i>			
Sapindaceae				
469.	4757 <i>Dodonaea ceratocarpa</i>			
Selaginellaceae				
470.	6 <i>Selaginella gracillima</i> (Tiny Clubmoss)			
Sematophyllaceae				
471.	32483 <i>Sematophyllum subhumile</i> var. <i>contiguuum</i>			
Solanaceae				
472.	11505 <i>Anthocercis viscosa</i> subsp. <i>viscosa</i>			
473.	7017 <i>Solanum laciniatum</i> (Kangaroo Apple)	Y		
Stylidiaceae				
474.	7676 <i>Levenhookia pusilla</i> (Midget Stylewort)			
475.	39881 <i>Stylidium acuminatum</i> subsp. <i>meridionale</i>			
476.	7684 <i>Stylidium amoenum</i> (Lovely Triggerplant)			
477.	7687 <i>Stylidium assimile</i> (Bronze-leaved Triggerplant)			
478.	7689 <i>Stylidium beauleholei</i>			
479.	7695 <i>Stylidium caespitosum</i> (Fly-away Triggerplant)			
480.	7696 <i>Stylidium calcaratum</i> (Book Triggerplant)			
481.	7712 <i>Stylidium despectum</i> (Dwarf Triggerplant)			
482.	7718 <i>Stylidium diversifolium</i> (Touch-me-not)			
483.	20691 <i>Stylidium gloeophyllum</i>		P4	
484.	7735 <i>Stylidium hirsutum</i> (Hairy Triggerplant)			
485.	7742 <i>Stylidium inundatum</i> (Hundreds and Thousands)			
486.	7757 <i>Stylidium luteum</i> (Yellow Triggerplant)			
487.	25851 <i>Stylidium nymphaeum</i>			
488.	7774 <i>Stylidium piliferum</i> (Common Butterfly Triggerplant)			
489.	7776 <i>Stylidium plantagineum</i> (Plantagenet Triggerplant)			
490.	7784 <i>Stylidium pygmaeum</i> (Pygmy Triggerplant)			
491.	7785 <i>Stylidium repens</i> (Matted Triggerplant)			
492.	7796 <i>Stylidium scandens</i> (Climbing Triggerplant)			
493.	<i>Stylidium</i> sp.			
494.	7799 <i>Stylidium spathulatum</i> (Creamy Triggerplant)			
495.	7800 <i>Stylidium spinulosum</i> (Topsy-turvy Triggerplant)			
496.	7802 <i>Stylidium squamosotuberosum</i> (Fleshy-rhizomed Trigger Plant)			
497.	7808 <i>Stylidium violaceum</i> (Violet Triggerplant)			
Thuidiaceae				
498.	32442 <i>Thuidium sparsum</i>			
499.	32486 <i>Thuidium sparsum</i> var. <i>hastatum</i>			
Thymelaeaceae				
500.	5231 <i>Pimelea angustifolia</i> (Narrow-leaved Pimelea)			
501.	5239 <i>Pimelea clavata</i>			
502.	5249 <i>Pimelea hispida</i> (Bristly Pimelea)			
503.	5255 <i>Pimelea longiflora</i>			
504.	18115 <i>Pimelea rosea</i> subsp. <i>annelsii</i>		P3	
505.	5270 <i>Pimelea tinctoria</i>			
Xyridaceae				
506.	1144 <i>Xyris flexifolia</i>			
507.	1149 <i>Xyris lacera</i>			
508.	1150 <i>Xyris lanata</i>			

Conservation Codes

NatureMap is a collaborative project of the Department of Biodiversity, Conservation and Attractions and the Western Australian Museum.



Department of Biodiversity, Conservation and Attractions





Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
J	Bare or likely to become extinct			
X	Presumed extinct			
IA	Protected under international agreement			
S	Other specially protected fauna			
1	Priority 1			
2	Priority 2			
3	Priority 3			
4	Priority 4			
5	Priority 5			

¹ For NatureMap's purposes, species flagged as endemic are those whose records are wholly contained within the search area. Note that only those records complying with the search criterion are included in the calculation. For example, if you limit records to those from a specific datasource, only records from that datasource are used to determine if a species is restricted to the query area.



NatureMap 10km Fauna Species Report

Created By Guest user on 21/04/2020

Kingdom	Animalia
Current Names Only	Yes
Core Datasets Only	Yes
Method	'By Circle'
Centre	117° 43' 22" E, 34° 57' 19" S
Buffer	10km
Group By	Family

Family	Species	Records
Acanthizidae	6	665
Accipitridae	11	252
Actinopodidae	2	2
Aegothelidae	1	8
Amphisopodidae	1	1
Anatidae	12	547
Ancylidae	1	2
Anhingidae	1	12
Apodidae	1	2
Aracnidae	1	1
Araneidae	2	32
Ardeidae	6	169
Argiolestidae	1	2
Artamidae	2	34
Atherinidae	1	1
Baetidae	1	2
Cacatuidae	1	55
Caenidae	1	5
Campephagidae	1	85
Caprimulgidae	1	1
Carangidae	1	1
Casuariidae	1	1
Ceinidae	1	2
Ceratopogonidae	1	5
Charadriidae	5	28
Cheluidae	1	1
Chironomidae	3	43
Coenagrionidae	1	5
Columbidae	4	200
Corduliidae	1	1
Corixidae	1	3
Corvidae	2	234
Cracticidae	3	291
Cuculidae	2	73
Culicidae	1	3
Cyprididae	2	5
Cypridopsidae	1	4
Dasyuridae	2	2
Desidae	1	1
Dicruridae	4	575
Dugesidae	1	1
Dytiscidae	1	13
Ecnomidae	1	4
Elapidae	3	5
Empididae	1	1
Estrilidae	1	166
Falconidae	4	35
Galaxiidae	2	9
Gelastocoridae	1	2
Glossiphoniidae	1	3
Gobiidae	1	3
Gomphidae	1	3
Gordiidae	1	1
Gripopterygidae	1	3
Gyrinidae	1	1
Haematopodidae	1	7
Halcyonidae	2	208
Hebridae	1	1
Hemicorduliidae	1	4
Hirundinidae	2	236
Hydrobiosidae	1	1
Hydrometridae	1	2
Hydrophilidae	1	9
Hydropsychidae	1	1
Hydroptilidae	1	2
Hylidae	2	4
Hyriidae	1	1
Iulomorphidae	1	7
Ixodidae	1	1
Lamponidae	2	2
Laridae	4	58
Lepidogalaxiidae	1	1
Leptoceridae	1	12
Leptophlebiidae	1	3
Libellulidae	1	1



Limnodynastidae	2	13
Lycosidae	1	2
Macropodidae	1	2
Maluridae	4	429
Meliphagidae	11	764
Miturgidae	1	1
Muridae	1	6
Myobatrachidae	6	32
Nannopercidae	2	16
Nemesiidae	1	1
Neosittidae	1	10
Notonectidae	1	2
Oligochaeta	1	15
Otididae	1	3
Pachycephalidae	3	200
Palaemonidae	1	7
Paradoxosomatidae	1	2
Parastacidae	1	9
Pardalotidae	3	72
Pelecanidae	1	110
Peramelidae	1	18
Percichthyidae	3	15
Perthidae	1	6
Petroicidae	3	177
Phalacrocoracidae	5	125
Phasianidae	2	22
Phreatoicidae	1	1
Physidae	1	2
Planorbidae	1	2
Podargidae	1	13
Podicipedidae	2	48
Poeciliidae	1	1
Polycentropodidae	1	1
Potoroidae	1	2
Procellariidae	1	1
Pseudocheiridae	1	106
Psittacidae	12	752
Pyralidae	1	1
Rallidae	9	178
Recurvirostridae	3	27
Scincidae	3	16
Sciomyzidae	1	1
Scolopacidae	4	15
Scolopendridae	1	1
Simuliidae	1	8
Sphaeriidae	1	1
Stratiomyidae	1	2
Sulidae	1	1
Sylviidae	2	43
Syngnathidae	1	1
Synthemistidae	1	2
Talitridae	1	1
Tarsipedidae	1	2
Telephlebiidae	1	4
Tetragrathidae	1	1
Threskiornithidae	3	167
Tipulidae	1	6
Trombidiformes	1	9
Turnicidae	2	3
Tytonidae	1	2
Velliidae	1	9
Vespertilionidae	1	1
Zoridae	1	1
Zosteropidae	1	216
TOTAL	268	7874



Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
Acanthizidae				
1.	24260 <i>Acanthiza apicalis</i> (Broad-tailed Thornbill, Inland Thornbill)			
2.	24261 <i>Acanthiza chrysorrhoa</i> (Yellow-rumped Thornbill)			
3.	24262 <i>Acanthiza inornata</i> (Western Thornbill)			
4.	25530 <i>Gerygone fusca</i> (Western Gerygone)			
5.	25534 <i>Sericornis frontalis</i> (White-browed Scrubwren)			
6.	30948 <i>Smicromis brevirostris</i> (Weebill)			
Accipitridae				
7.	25535 <i>Accipiter cirrocephalus</i> (Collared Sparrowhawk)			
8.	25536 <i>Accipiter fasciatus</i> (Brown Goshawk)			
9.	24285 <i>Aquila audax</i> (Wedge-tailed Eagle)			
10.	24288 <i>Circus approximans</i> (Swamp Harrier)			
11.	24289 <i>Circus assimilis</i> (Spotted Harrier)			
12.	<i>Elanus axillaris</i>			
13.	24293 <i>Haliaeetus leucogaster</i> (White-bellied Sea-Eagle)			
14.	24295 <i>Haliastur sphenurus</i> (Whistling Kite)			
15.	47965 <i>Hieraaetus morphnoides</i> (Little Eagle)			
16.	<i>Lophoictinia isura</i>			
17.	48591 <i>Pandion cristatus</i> (Osprey, Eastern Osprey)		IA	
Actinopodidae				
18.	<i>Missulena granulosa</i>			
19.	<i>Missulena torbayensis</i>			
Aegothelidae				
20.	25544 <i>Aegotheles cristatus</i> (Australian Owlet-nightjar)			
Amphisopodidae				
21.	<i>Amphisopodidae</i> sp.			
Anatidae				
22.	24310 <i>Anas castanea</i> (Chestnut Teal)			
23.	24312 <i>Anas gracilis</i> (Grey Teal)			
24.	24313 <i>Anas platyrhynchos</i> (Mallard)			
25.	24315 <i>Anas rhynchotis</i> (Australasian Shoveler)			
26.	24316 <i>Anas superciliosa</i> (Pacific Black Duck)			
27.	24318 <i>Aythya australis</i> (Hardhead)			
28.	24319 <i>Biziura lobata</i> (Musk Duck)			
29.	24321 <i>Chenonetta jubata</i> (Australian Wood Duck, Wood Duck)			
30.	24322 <i>Cygnus atratus</i> (Black Swan)			
31.	24326 <i>Malacorhynchus membranaceus</i> (Pink-eared Duck)			
32.	24328 <i>Oxyura australis</i> (Blue-billed Duck)		P4	
33.	24331 <i>Tadorna tadornoides</i> (Australian Shelduck, Mountain Duck)			
Ancylidae				
34.	<i>Ancylidae</i> sp.			
Anhingidae				
35.	47414 <i>Anhinga novaehollandiae</i> (Australasian Darter)			
Apodidae				
36.	25554 <i>Apus pacificus</i> (Fork-tailed Swift, Pacific Swift)		IA	
Aracanidae				
37.	<i>Caprichthys gymnura</i>			
Araneidae				
38.	<i>Arachnura higginsii</i>			
39.	<i>Austracantha minax</i>			
Ardeidae				
40.	25558 <i>Ardea ibis</i> (Cattle Egret)			
41.	41324 <i>Ardea modesta</i> (great egret, white egret)			
42.	24341 <i>Ardea pacifica</i> (White-necked Heron)			
43.	24345 <i>Botaurus poiciloptilus</i> (Australasian Bittern)		T	
44.	<i>Egretta novaehollandiae</i>			
45.	25564 <i>Nycticorax caledonicus</i> (Rufous Night Heron)			
Argiolestidae				
46.	<i>Megapodagrionidae</i> sp.			
Artamidae				
47.	25566 <i>Artamus cinereus</i> (Black-faced Woodswallow)			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
48.	24353 <i>Artamus cyanopterus</i> (Dusky Woodswallow)			
Atherinidae				
49.	<i>Atherinosoma wallacei</i>			
Baetidae				
50.	<i>Baetidae</i> sp.			
Cacatuidae				
51.	<i>Eolophus roseicapillus</i>			
Caenidae				
52.	<i>Caenidae</i> sp.			
Campephagidae				
53.	25568 <i>Coracina novaehollandiae</i> (Black-faced Cuckoo-shrike)			
Caprimulgidae				
54.	24368 <i>Eurostopodus argus</i> (Spotted Nightjar)			
Carangidae				
55.	<i>Seriola lalandi</i>			
Casuariidae				
56.	24470 <i>Dromaius novaehollandiae</i> (Emu)			
Ceinidae				
57.	<i>Ceinidae</i> sp.			
Ceratopogonidae				
58.	<i>Ceratopogonidae</i> sp.			
Charadriidae				
59.	24377 <i>Charadrius ruficapillus</i> (Red-capped Plover)			
60.	47937 <i>Elsayornis melanops</i> (Black-fronted Dotterel)			
61.	24379 <i>Erythronyctis cinctus</i> (Red-kneed Dotterel)			
62.	48135 <i>Thinornis rubricollis</i> (Hooded Plover, Hooded Dotterel)		P4	
63.	24386 <i>Vanellus tricolor</i> (Banded Lapwing)			
Cheluidae				
64.	43380 <i>Chelodina collyiei</i> (South-western Snake-necked Turtle)			
Chironomidae				
65.	<i>Chironominae</i> sp.			
66.	<i>Orthoclaadiinae</i> sp.			
67.	<i>Tanypodinae</i> sp.			
Coenagrionidae				
68.	<i>Coenagrionidae</i> sp.			
Columbidae				
69.	24407 <i>Ocyphaps lophotes</i> (Crested Pigeon)			
70.	24409 <i>Phaps chalcoptera</i> (Common Bronzewing)			
71.	25587 <i>Phaps elegans</i> (Brush Bronzewing)			
72.	25590 <i>Streptopelia senegalensis</i> (Laughing Turtle-Dove)	Y		
Corduliidae				
73.	<i>Corduliidae</i> sp.			
Corixidae				
74.	<i>Corixidae</i> sp.			
Corvidae				
75.	25592 <i>Corvus coronoides</i> (Australian Raven)			
76.	24417 <i>Corvus coronoides</i> subsp. <i>perplexus</i> (Australian Raven)			
Cracticidae				
77.	25595 <i>Cracticus tibicen</i> (Australian Magpie)			
78.	25596 <i>Cracticus torquatus</i> (Grey Butcherbird)			
79.	25597 <i>Strepera versicolor</i> (Grey Currawong)			
Cuculidae				
80.	25598 <i>Cacomantis flabelliformis</i> (Fan-tailed Cuckoo)			
81.	42307 <i>Cacomantis pallidus</i> (Pallid Cuckoo)			
Culicidae				
82.	<i>Culicidae</i> sp.			
Cyprididae				
83.	<i>Candonocypris novaehollandiae</i>			
84.	<i>Ilyodromus ellipticus</i>			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
Cypridopsidae				
85.	<i>Sarscypridopsis aculeata</i>			
Dasyuridae				
86.	24088 <i>Antechinus flavipes subsp. leucogaster</i> (Yellow-footed Antechinus, Mardo)			
87.	24092 <i>Dasyurus geoffroii</i> (Chuditch, Western Quoll)		T	
Desidae				
88.	<i>Baiami torbayensis</i>			
Dicruridae				
89.	24443 <i>Grallina cyanoleuca</i> (Magpie-lark)			
90.	25610 <i>Myiagra inquieta</i> (Restless Flycatcher)			
91.	48096 <i>Rhipidura albiscapa</i> (Grey Fantail)			
92.	25614 <i>Rhipidura leucophrys</i> (Willie Wagtail)			
Dugesidae				
93.	<i>Dugesidae sp.</i>			
Dytiscidae				
94.	<i>Dytiscidae sp.</i>			
Ecnomidae				
95.	<i>Ecnomidae sp.</i>			
Elapidae				
96.	25250 <i>Elapognathus coronatus</i> (Crowned Snake)			
97.	25252 <i>Notechis scutatus</i> (Tiger Snake)			
98.	25255 <i>Parasuta nigriceps</i>			
Empididae				
99.	<i>Empididae sp.</i>			
Estrilidae				
100.	24645 <i>Stagonopleura oculata</i> (Red-eared Firetail)			
Falconidae				
101.	25621 <i>Falco berigora</i> (Brown Falcon)			
102.	25622 <i>Falco cenchroides</i> (Australian Kestrel, Nankeen Kestrel)			
103.	25623 <i>Falco longipennis</i> (Australian Hobby)			
104.	25624 <i>Falco peregrinus</i> (Peregrine Falcon)		S	
Galaxiidae				
105.	34026 <i>Galaxiella munda</i> (mud minnow, western dwarf galaxias)		T	
106.	34027 <i>Galaxiella nigrostriata</i> (Black-stripe Minnow, black-striped dwarf galaxias)		T	
Gelastocoridae				
107.	<i>Gelastocoridae sp.</i>			
Glossiphoniidae				
108.	<i>Glossiphoniidae sp.</i>			
Gobiidae				
109.	<i>Pseudogobius olorum</i>			
Gomphidae				
110.	<i>Gomphidae sp.</i>			
Gordiidae				
111.	<i>Gordiidae sp.</i>			
Gripopterygidae				
112.	<i>Gripopterygidae sp.</i>			
Gyrinidae				
113.	<i>Gyrinidae sp.</i>			
Haematopodidae				
114.	25627 <i>Haematopus fuliginosus</i> (Sooty Oystercatcher)			
Halcyonidae				
115.	30901 <i>Dacelo novaeguineae</i> (Laughing Kookaburra)	Y		
116.	25549 <i>Todiramphus sanctus</i> (Sacred Kingfisher)			
Hebridae				
117.	<i>Hebridae sp.</i>			
Hemicorduliidae				
118.	<i>Hemicorduliidae sp.</i>			
Hirundinidae				

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
119.	24491 <i>Hirundo neoxena</i> (Welcome Swallow)			
120.	48061 <i>Petrochelidon nigricans</i> (Tree Martin)			
Hydrobiosidae				
121.	<i>Hydrobiosidae</i> sp.			
Hydrometridae				
122.	<i>Hydrometridae</i> sp.			
Hydrophilidae				
123.	<i>Hydrophilidae</i> sp.			
Hydropsychidae				
124.	<i>Hydropsychidae</i> sp.			
Hydroptilidae				
125.	<i>Hydroptilidae</i> sp.			
Hylidae				
126.	25378 <i>Litoria adelaidensis</i> (Slender Tree Frog)			
127.	25388 <i>Litoria moorei</i> (Motorbike Frog)			
Hyrriidae				
128.	<i>Hyrriidae</i> sp.			
Iulomorphidae				
129.	<i>Atelomastix mainae</i>			
Ixodidae				
130.	<i>Ixodes australiensis</i>			
Lamponidae				
131.	<i>Lampona cylindrata</i>			
132.	<i>Lampona torbay</i>			Y
Laridae				
133.	<i>Chroicocephalus novaehollandiae</i>			
134.	48587 <i>Hydroprogne caspia</i> (Caspian Tern)		IA	
135.	25638 <i>Larus pacificus</i> (Pacific Gull)			
136.	48597 <i>Thalasseus bergii</i> (Crested Tern)		IA	
Lepidogalaxiidae				
137.	47983 <i>Lepidogalaxias salamandroides</i> (Salamanderfish)		T	
Leptoceridae				
138.	<i>Leptoceridae</i> sp.			
Leptophlebiidae				
139.	<i>Leptophlebiidae</i> sp.			
Libellulidae				
140.	<i>Libellulidae</i> sp.			
Limnodynastidae				
141.	25410 <i>Heleioporus eyrei</i> (Moaning Frog)			
142.	25415 <i>Limnodynastes dorsalis</i> (Western Banjo Frog)			
Lycosidae				
143.	<i>Venatrix pullastra</i>			
Macropodidae				
144.	24132 <i>Macropus fuliginosus</i> (Western Grey Kangaroo)			
Maluridae				
145.	25650 <i>Malurus elegans</i> (Red-winged Fairy-wren)			
146.	25654 <i>Malurus splendens</i> (Splendid Fairy-wren)			
147.	25655 <i>Stipiturus malachurus</i> (Southern Emu-wren)			
148.	24554 <i>Stipiturus malachurus</i> subsp. <i>westernensis</i> (Southern Emu-wren)			
Meliphagidae				
149.	24560 <i>Acanthorhynchus superciliosus</i> (Western Spinebill)			
150.	24561 <i>Anthochaera carunculata</i> (Red Wattlebird)			
151.	24562 <i>Anthochaera lunulata</i> (Western Little Wattlebird)			
152.	24567 <i>Epthianura albifrons</i> (White-fronted Chat)			
153.	47962 <i>Glyciphila melanops</i> (Tawny-crowned Honeyeater)			
154.	25661 <i>Lichmera indistincta</i> (Brown Honeyeater)			
155.	24583 <i>Manorina flavigula</i> (Yellow-throated Miner)			
156.	25663 <i>Melithreptus brevirostris</i> (Brown-headed Honeyeater)			
157.	24587 <i>Melithreptus chloropsis</i> (Western White-naped Honeyeater)			
158.	48071 <i>Phylidonyris niger</i> (White-cheeked Honeyeater)			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
159.	24596 <i>Phylidonyris novaehollandiae</i> (New Holland Honeyeater)			
Miturgidae				
160.	<i>Mituliodon tarantulinus</i>			
Muridae				
161.	24215 <i>Hydromys chrysogaster</i> (Water-rat, Rakali)		P4	
Myobatrachidae				
162.	25398 <i>Crinia georgiana</i> (Quacking Frog)			
163.	25399 <i>Crinia glauerti</i> (Clicking Frog)			
164.	25401 <i>Crinia pseudinsignifera</i> (Bleating Froglet)			
165.	25402 <i>Crinia subinsignifera</i> (South Coast Froglet)			
166.	25404 <i>Geocrinia leai</i> (Ticking Frog)			
167.	25433 <i>Pseudophryne guentheri</i> (Crawling Toadlet)			
Nannopercidae				
168.	<i>Edelia vittata</i>			
169.	34033 <i>Nannatherina balstoni</i> (Balston's Pygmy Perch)		T	
Nemesiidae				
170.	<i>Aname tepperi</i>			
Neosittidae				
171.	25673 <i>Daphoenositta chrysoptera</i> (Varied Sittella)			
Notonectidae				
172.	<i>Notonectidae</i> sp.			
Oligochaeta				
173.	<i>Oligochaeta</i> sp.			
Otididae				
174.	24610 <i>Ardeotis australis</i> (Australian Bustard)			
Pachycephalidae				
175.	25675 <i>Colluricincla harmonica</i> (Grey Shrike-thrush)			
176.	25677 <i>Falcunculus frontatus</i> (Crested Shrike-tit)			
177.	25680 <i>Pachycephala rufiventris</i> (Rufous Whistler)			
Palaemonidae				
178.	<i>Palaemonidae</i> sp.			
Paradoxosomatidae				
179.	<i>Akamptogonus novarae</i>			
Parastacidae				
180.	<i>Parastacidae</i> sp.			
Pardalotidae				
181.	25681 <i>Pardalotus punctatus</i> (Spotted Pardalote)			
182.	24626 <i>Pardalotus punctatus</i> subsp. <i>xanthopyge</i> (Yellow-rumped Pardalote)			
183.	25682 <i>Pardalotus striatus</i> (Striated Pardalote)			
Pelecanidae				
184.	24648 <i>Pelecanus conspicillatus</i> (Australian Pelican)			
Peramelidae				
185.	48588 <i>Isodon fusciventer</i> (Quenda, southwestern brown bandicoot)		P4	
Percichthyidae				
186.	<i>Bostockia porosa</i>			
187.	<i>Maccullochella peelii</i>			Y
188.	<i>Nannoperca vittata</i>			
Perthidae				
189.	<i>Perthidae</i> sp.			
Petroicidae				
190.	24651 <i>Eopsaltria australis</i> subsp. <i>griseogularis</i> (Western Yellow Robin)			
191.	24652 <i>Eopsaltria georgiana</i> (White-breasted Robin)			
192.	48066 <i>Petroica boodang</i> (Scarlet Robin)			
Phalacrocoracidae				
193.	<i>Microcarbo melanoleucos</i>			
194.	25697 <i>Phalacrocorax carbo</i> (Great Cormorant)			
195.	24666 <i>Phalacrocorax melanoleucos</i> subsp. <i>melanoleucos</i> (Little Pied Cormorant)			
196.	24667 <i>Phalacrocorax sulcirostris</i> (Little Black Cormorant)			
197.	25699 <i>Phalacrocorax varius</i> (Pied Cormorant)			

Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
Phasianidae				
198.	24671 <i>Coturnix pectoralis</i> (Stubble Quail)			
199.	25701 <i>Coturnix ypsilophora</i> (Brown Quail)			
Phreatoicidae				
200.	<i>Phreatoicidae</i> sp.			
Physidae				
201.	<i>Physidae</i> sp.			
Planorbidae				
202.	<i>Planorbidae</i> sp.			
Podargidae				
203.	25703 <i>Podargus strigoides</i> (Tawny Frogmouth)			
Podicipedidae				
204.	24681 <i>Poliiocephalus poliocephalus</i> (Hoary-headed Grebe)			
205.	25705 <i>Tachybaptus novaehollandiae</i> (Australasian Grebe, Black-throated Grebe)			
Poeciliidae				
206.	<i>Gambusia affinis</i>			
Polycentropodidae				
207.	<i>Polycentropodidae</i> sp.			
Potoroidae				
208.	24162 <i>Bettongia penicillata</i> subsp. <i>ogilbyi</i> (Woylie, Brush-tailed Bettong)		T	
Procellariidae				
209.	24690 <i>Macronectes giganteus</i> (Southern Giant Petrel)		IA	
Pseudocheiridae				
210.	24166 <i>Pseudocheirus occidentalis</i> (Western Ringtail Possum, ngwayir)		T	
Psittacidae				
211.	<i>Barnardius zonarius</i>			
212.	25713 <i>Cacatua galerita</i> (Sulphur-crested Cockatoo)			
213.	25717 <i>Calyptorhynchus banksii</i> (Red-tailed Black-Cockatoo)			
214.	24731 <i>Calyptorhynchus banksii</i> subsp. <i>naso</i> (Forest Red-tailed Black Cockatoo)		T	
215.	24733 <i>Calyptorhynchus baudinii</i> (Baudin's Cockatoo, White-tailed Long-billed Black Cockatoo)		T	
216.	24734 <i>Calyptorhynchus latirostris</i> (Carnaby's Cockatoo, White-tailed Short-billed Black Cockatoo)		T	
217.	48400 <i>Calyptorhynchus</i> sp. (white-tailed black cockatoo)		T	
218.	24738 <i>Neophema elegans</i> (Elegant Parrot)			
219.	24739 <i>Neophema petrophila</i> (Rock Parrot)			
220.	25720 <i>Platycercus icterotis</i> (Western Rosella)			
221.	25722 <i>Polytelis anthopeplus</i> (Regent Parrot)			
222.	<i>Purpureicephalus spurius</i>			
Pyralidae				
223.	<i>Pyralidae</i> sp.			
Rallidae				
224.	25727 <i>Fulica atra</i> (Eurasian Coot)			
225.	25729 <i>Gallinula tenebrosa</i> (Dusky Moorhen)			
226.	25730 <i>Gallirallus philippensis</i> (Buff-banded Rail)			
227.	25731 <i>Porphyrio porphyrio</i> (Purple Swamphen)			
228.	24767 <i>Porphyrio porphyrio</i> subsp. <i>bellus</i> (Purple Swamphen)			
229.	24769 <i>Porzana fluminea</i> (Australian Spotted Crane)			
230.	25732 <i>Porzana pusilla</i> (Baillon's Crane)			
231.	24771 <i>Porzana tabuensis</i> (Spotless Crane)			
232.	48141 <i>Tribonyx ventralis</i> (Black-tailed Native-hen)			
Recurvirostridae				
233.	24774 <i>Cladorhynchus leucocephalus</i> (Banded Stilt)			
234.	25734 <i>Himantopus himantopus</i> (Black-winged Stilt)			
235.	24776 <i>Recurvirostra novaehollandiae</i> (Red-necked Avocet)			
Scincidae				
236.	25100 <i>Egernia napoleonis</i>			
237.	25117 <i>Hemiernis peronii</i> subsp. <i>peronii</i>			
238.	25207 <i>Tiliqua rugosa</i> subsp. <i>rugosa</i>			
Sciomyzidae				
239.	<i>Sciomyzidae</i> sp.			



Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
Scolopacidae				
240.	24784 <i>Calidris ferruginea</i> (Curlew Sandpiper)		T	
241.	24788 <i>Calidris ruficollis</i> (Red-necked Stint)		IA	
242.	24806 <i>Tringa glareola</i> (Wood Sandpiper)		IA	
243.	24808 <i>Tringa nebularia</i> (Common Greenshank, greenshank)		IA	
Scolopendridae				
244.	<i>Cormocephalus michaelsoni</i>			
Simuliidae				
245.	<i>Simuliidae</i> sp.			
Sphaeriidae				
246.	<i>Sphaeriidae</i> sp.			
Stratiomyidae				
247.	<i>Stratiomyidae</i> sp.			
Sulidae				
248.	48008 <i>Morus serrator</i> (Australasian Gannet)			
Sylviidae				
249.	25755 <i>Acrocephalus australis</i> (Australian Reed Warbler)			
250.	25758 <i>Megalurus gramineus</i> (Little Grassbird)			
Syngnathidae				
251.	<i>Phyllopteryx taeniolatus</i>			
Synthemistidae				
252.	<i>Synthemistidae</i> sp.			
Talitridae				
253.	<i>Talitridae</i> sp.			
Tarsipedidae				
254.	24167 <i>Tarsipes rostratus</i> (Honey Possum, Noolbenger)			
Telephlebiidae				
255.	<i>Telephlebiidae</i> sp.			
Tetragnathidae				
256.	<i>Tetragnatha caudifera</i>			Y
Threskiornithidae				
257.	24841 <i>Platalea flavipes</i> (Yellow-billed Spoonbill)			
258.	24843 <i>Plegadis falcinellus</i> (Glossy Ibis)		IA	
259.	24845 <i>Threskiornis spinicollis</i> (Straw-necked Ibis)			
Tipulidae				
260.	<i>Tipulidae</i> sp.			
Trombidiformes				
261.	<i>Acariformes</i> sp.			
Turnicidae				
262.	48147 <i>Turnix varius</i> (Painted Button-quail)			
263.	24851 <i>Turnix velox</i> (Little Button-quail)			
Tytonidae				
264.	24852 <i>Tyto alba</i> subsp. <i>delicatula</i> (Barn Owl)			
Veliidae				
265.	<i>Veliidae</i> sp.			
Vespertilionidae				
266.	24206 <i>Vespardelus regulus</i> (Southern Forest Bat)			
Zoridae				
267.	<i>Argoctenus bidentatus</i>			
Zosteropidae				
268.	25765 <i>Zosterops lateralis</i> (Grey-breasted White-eye, Silvereye)			

Conservation Codes
 T - Rare or likely to become extinct
 X - Presumed extinct
 IA - Protected under international agreement
 S - Other specially protected fauna
 1 - Priority 1
 2 - Priority 2
 3 - Priority 3
 4 - Priority 4
 5 - Priority 5

¹ For NatureMap's purposes, species flagged as endemic are those whose records are wholly contained within the search area. Note that only those records complying with the search criterion are included in the





Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
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calculation. For example, if you limit records to those from a specific datasource, only records from that datasource are used to determine if a species is restricted to the query area.





EPBC Act Protected Matters Report

This report provides general guidance on matters of national environmental significance and other matters protected by the EPBC Act in the area you have selected.

Information on the coverage of this report and qualifications on data supporting this report are contained in the caveat at the end of the report.

Information is available about [Environment Assessments](#) and the EPBC Act including significance guidelines, forms and application process details.

Report created: 22/04/20 15:19:05

[Summary](#)

[Details](#)

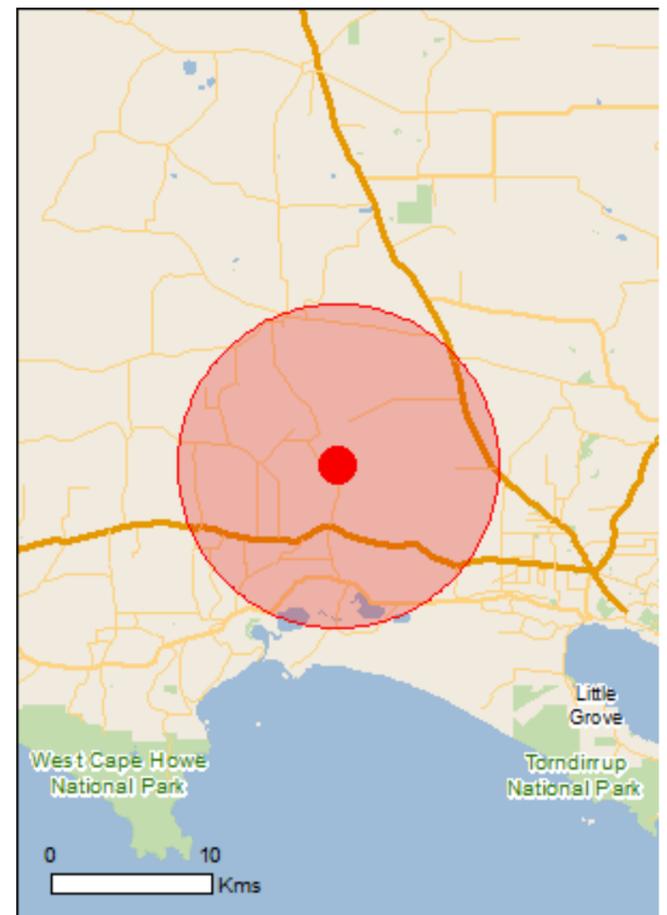
[Matters of NES](#)

[Other Matters Protected by the EPBC Act](#)

[Extra Information](#)

[Caveat](#)

[Acknowledgements](#)



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[Coordinates](#)

[Buffer: 10.0Km](#)



Summary

Matters of National Environmental Significance

This part of the report summarises the matters of national environmental significance that may occur in, or may relate to, the area you nominated. Further information is available in the detail part of the report, which can be accessed by scrolling or following the links below. If you are proposing to undertake an activity that may have a significant impact on one or more matters of national environmental significance then you should consider the [Administrative Guidelines on Significance](#).

World Heritage Properties:	None
National Heritage Places:	None
Wetlands of International Importance:	None
Great Barrier Reef Marine Park:	None
Commonwealth Marine Area:	None
Listed Threatened Ecological Communities:	1
Listed Threatened Species:	51
Listed Migratory Species:	41

Other Matters Protected by the EPBC Act

This part of the report summarises other matters protected under the Act that may relate to the area you nominated. Approval may be required for a proposed activity that significantly affects the environment on Commonwealth land, when the action is outside the Commonwealth land, or the environment anywhere when the action is taken on Commonwealth land. Approval may also be required for the Commonwealth or Commonwealth agencies proposing to take an action that is likely to have a significant impact on the environment anywhere.

The EPBC Act protects the environment on Commonwealth land, the environment from the actions taken on Commonwealth land, and the environment from actions taken by Commonwealth agencies. As heritage values of a place are part of the 'environment', these aspects of the EPBC Act protect the Commonwealth Heritage values of a Commonwealth Heritage place. Information on the new heritage laws can be found at <http://www.environment.gov.au/heritage>

A [permit](#) may be required for activities in or on a Commonwealth area that may affect a member of a listed threatened species or ecological community, a member of a listed migratory species, whales and other cetaceans, or a member of a listed marine species.

Commonwealth Land:	1
Commonwealth Heritage Places:	None
Listed Marine Species:	60
Whales and Other Cetaceans:	12
Critical Habitats:	None
Commonwealth Reserves Terrestrial:	None
Australian Marine Parks:	None

Extra Information

This part of the report provides information that may also be relevant to the area you have nominated.

State and Territory Reserves:	5
Regional Forest Agreements:	1
Invasive Species:	25
Nationally Important Wetlands:	None
Key Ecological Features (Marine)	None

Details

Matters of National Environmental Significance

Listed Threatened Ecological Communities [Resource Information]

For threatened ecological communities where the distribution is well known, maps are derived from recovery plans, State vegetation maps, remote sensing imagery and other sources. Where threatened ecological community distributions are less well known, existing vegetation maps and point location data are used to produce indicative distribution maps.

Name	Status	Type of Presence
Subtropical and Temperate Coastal Saltmarsh	Vulnerable	Community likely to occur within area

Listed Threatened Species [Resource Information]

Name	Status	Type of Presence
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Birds

Botaurus poiciloptilus Australasian Bittern [1001]	Endangered	Species or species habitat known to occur within area
Calidris canutus Red Knot, Knot [855]	Endangered	Species or species habitat likely to occur within area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat known to occur within area
Calyptorhynchus banksii naso Forest Red-tailed Black-Cockatoo, Karrak [67034]	Vulnerable	Species or species habitat known to occur within area
Calyptorhynchus baudinii Baudin's Cockatoo, Long-billed Black-Cockatoo [769]	Endangered	Breeding known to occur within area
Calyptorhynchus latirostris Carnaby's Cockatoo, Short-billed Black-Cockatoo [59523]	Endangered	Species or species habitat known to occur within area
Cereopsis novaehollandiae grisea Cape Barren Goose (south-western), Recherche Cape Barren Goose [25978]	Vulnerable	Species or species habitat may occur within area
Dasyornis longirostris Western Bristlebird [515]	Endangered	Species or species habitat likely to occur within area
Diomedea antipodensis Antipodean Albatross [64458]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Diomedea dabbenena Tristan Albatross [66471]	Endangered	Species or species habitat may occur within area
Diomedea epomophora Southern Royal Albatross [89221]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area

Name	Status	Type of Presence
Diomedea exulans Wandering Albatross [89223]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Diomedea sanfordi Northern Royal Albatross [64456]	Endangered	Foraging, feeding or related behaviour likely to occur within area
Limosa lapponica baueri Bar-tailed Godwit (baueri), Western Alaskan Bar-tailed Godwit [86380]	Vulnerable	Species or species habitat may occur within area
Limosa lapponica menzbieri Northern Siberian Bar-tailed Godwit, Bar-tailed Godwit (menzbieri) [86432]	Critically Endangered	Species or species habitat may occur within area
Macronectes giganteus Southern Giant-Petrel, Southern Giant Petrel [1060]	Endangered	Species or species habitat may occur within area
Macronectes halli Northern Giant Petrel [1061]	Vulnerable	Species or species habitat may occur within area
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat may occur within area
Pachyptila turtur subantarctica Fairy Prion (southern) [64445]	Vulnerable	Species or species habitat likely to occur within area
Phoebastria fusca Sooty Albatross [1075]	Vulnerable	Species or species habitat likely to occur within area
Sternula nereis nereis Australian Fairy Tern [82950]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Thalassarche cauta cauta Shy Albatross [82345]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Thalassarche cauta steadi White-capped Albatross [82344]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Thalassarche impavida Campbell Albatross, Campbell Black-browed Albatross [64459]	Vulnerable	Species or species habitat may occur within area
Thalassarche melanophris Black-browed Albatross [66472]	Vulnerable	Species or species habitat may occur within area
Fish		
Nannatherina balstoni Balston's Pygmy Perch [66698]	Vulnerable	Species or species habitat likely to occur within area
Insects		
Trioza barrettiae Banksia brownii plant louse [87805]	Endangered	Species or species habitat likely to occur within area
Mammals		
Balaenoptera musculus Blue Whale [36]	Endangered	Species or species habitat likely to occur within area
Dasyurus geoffroyi Chuditch, Western Quoll [330]	Vulnerable	Species or species

Name	Status	Type of Presence
Eubalaena australis Southern Right Whale [40]	Endangered	habitat likely to occur within area Breeding known to occur within area
Megaptera novaeangliae Humpback Whale [38]	Vulnerable	Species or species habitat known to occur within area
Neophoca cinerea Australian Sea-lion, Australian Sea Lion [22]	Vulnerable	Species or species habitat may occur within area
Parantechinus apicalis Dibbler [313]	Endangered	Species or species habitat likely to occur within area
Pseudocheirus occidentalis Western Ringtail Possum, Ngwayir, Womp, Woder, Ngoor, Ngoolangit [25911]	Critically Endangered	Species or species habitat known to occur within area
Other		
Westralunio carteri Carter's Freshwater Mussel, Freshwater Mussel [86266]	Vulnerable	Species or species habitat likely to occur within area
Plants		
Banksia brownii Brown's Banksia, Feather-leaved Banksia [8277]	Endangered	Species or species habitat known to occur within area
Banksia goodii Good's Banksia [16727]	Vulnerable	Species or species habitat likely to occur within area
Caladenia harringtoniae Harrington's Spider-orchid, Pink Spider-orchid [56786]	Vulnerable	Species or species habitat may occur within area
Calectasia cyanea Blue Tinsel Lily [7669]	Critically Endangered	Species or species habitat likely to occur within area
Chordifex abortivus Manypeaks Rush [64868]	Endangered	Species or species habitat may occur within area
Conostylis misera Grass Conostylis [21320]	Endangered	Species or species habitat likely to occur within area
Drakaea micrantha Dwarf Hammer-orchid [56755]	Vulnerable	Species or species habitat likely to occur within area
Isopogon uncinatus Albany Cone Bush, Hook-leaf Isopogon [20871]	Endangered	Species or species habitat likely to occur within area
Kennedia glabrata Northcliffe Kennedia [16452]	Vulnerable	Species or species habitat likely to occur within area
Sphenotoma drummondii Mountain Paper-heath [21160]	Endangered	Species or species habitat may occur within area
Reptiles		
Caretta caretta Loggerhead Turtle [1763]	Endangered	Breeding likely to occur within area
Chelonia mydas Green Turtle [1765]	Vulnerable	Breeding likely to occur

Name	Status	Type of Presence within area
Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Breeding likely to occur within area
Sharks		
Carcharias taurus (west coast population) Grey Nurse Shark (west coast population) [68752]	Vulnerable	Species or species habitat likely to occur within area
Carcharodon carcharias White Shark, Great White Shark [64470]	Vulnerable	Foraging, feeding or related behaviour known to occur within area
Rhincodon typus Whale Shark [66680]	Vulnerable	Species or species habitat may occur within area
Listed Migratory Species		[Resource Information]
* Species is listed under a different scientific name on the EPBC Act - Threatened Species list.		
Name	Threatened	Type of Presence
Migratory Marine Birds		
Apus pacificus Fork-tailed Swift [678]		Species or species habitat likely to occur within area
Ardenna carneipes Flesh-footed Shearwater, Fleshy-footed Shearwater [82404]		Foraging, feeding or related behaviour likely to occur within area
Ardenna grisea Sooty Shearwater [82651]		Species or species habitat may occur within area
Diomedea antipodensis Antipodean Albatross [64458]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Diomedea dabbenena Tristan Albatross [66471]	Endangered	Species or species habitat may occur within area
Diomedea epomophora Southern Royal Albatross [89221]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Diomedea exulans Wandering Albatross [89223]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Diomedea sanfordi Northern Royal Albatross [64456]	Endangered	Foraging, feeding or related behaviour likely to occur within area
Hydroprogne caspia Caspian Tern [808]		Foraging, feeding or related behaviour known to occur within area
Macronectes giganteus Southern Giant-Petrel, Southern Giant Petrel [1060]	Endangered	Species or species habitat may occur within area
Macronectes halli Northern Giant Petrel [1061]	Vulnerable	Species or species habitat may occur within area
Phoebastria fusca Sooty Albatross [1075]	Vulnerable	Species or species habitat likely to occur within area
Thalassarche cauta Shy Albatross [89224]	Vulnerable*	Foraging, feeding or

Name	Threatened	Type of Presence
Thalassarche impavida Campbell Albatross, Campbell Black-browed Albatross [64459]	Vulnerable	related behaviour likely to occur within area Species or species habitat may occur within area
Thalassarche melanophris Black-browed Albatross [66472]	Vulnerable	Species or species habitat may occur within area
Thalassarche steadi White-capped Albatross [64462]	Vulnerable*	Foraging, feeding or related behaviour likely to occur within area
Migratory Marine Species		
Balaena glacialis australis Southern Right Whale [75529]	Endangered*	Breeding known to occur within area
Balaenoptera edeni Bryde's Whale [35]		Species or species habitat may occur within area
Balaenoptera musculus Blue Whale [36]	Endangered	Species or species habitat likely to occur within area
Caperea marginata Pygmy Right Whale [39]		Species or species habitat may occur within area
Carcharodon carcharias White Shark, Great White Shark [64470]	Vulnerable	Foraging, feeding or related behaviour known to occur within area
Caretta caretta Loggerhead Turtle [1763]	Endangered	Breeding likely to occur within area
Chelonia mydas Green Turtle [1765]	Vulnerable	Breeding likely to occur within area
Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Breeding likely to occur within area
Lagenorhynchus obscurus Dusky Dolphin [43]		Species or species habitat may occur within area
Lamna nasus Porbeagle, Mackerel Shark [83288]		Species or species habitat may occur within area
Manta alfredi Reef Manta Ray, Coastal Manta Ray, Inshore Manta Ray, Prince Alfred's Ray, Resident Manta Ray [84994]		Species or species habitat may occur within area
Manta birostris Giant Manta Ray, Chevron Manta Ray, Pacific Manta Ray, Pelagic Manta Ray, Oceanic Manta Ray [84995]		Species or species habitat may occur within area
Megaptera novaeangliae Humpback Whale [38]	Vulnerable	Species or species habitat known to occur within area
Orcinus orca Killer Whale, Orca [46]		Species or species habitat may occur within area
Rhincodon typus Whale Shark [66680]	Vulnerable	Species or species habitat may occur within area

Migratory Terrestrial Species

Name	Threatened	Type of Presence
Motacilla cinerea Grey Wagtail [642]		Species or species habitat may occur within area
Migratory Wetlands Species		
Actitis hypoleucos Common Sandpiper [59309]		Species or species habitat known to occur within area
Calidris acuminata Sharp-tailed Sandpiper [874]		Species or species habitat likely to occur within area
Calidris canutus Red Knot, Knot [855]	Endangered	Species or species habitat likely to occur within area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat known to occur within area
Calidris melanotos Pectoral Sandpiper [858]		Species or species habitat may occur within area
Limosa lapponica Bar-tailed Godwit [844]		Species or species habitat likely to occur within area
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat may occur within area
Pandion haliaetus Osprey [952]		Species or species habitat known to occur within area
Tringa nebularia Common Greenshank, Greenshank [832]		Species or species habitat likely to occur within area

Other Matters Protected by the EPBC Act

Commonwealth Land [\[Resource Information \]](#)

The Commonwealth area listed below may indicate the presence of Commonwealth land in this vicinity. Due to the unreliability of the data source, all proposals should be checked as to whether it impacts on a Commonwealth area, before making a definitive decision. Contact the State or Territory government land department for further information.

Name

Commonwealth Land -

Listed Marine Species [\[Resource Information \]](#)

* Species is listed under a different scientific name on the EPBC Act - Threatened Species list.

Name	Threatened	Type of Presence
Birds		
Actitis hypoleucos Common Sandpiper [59309]		Species or species habitat known to occur within area
Apus pacificus Fork-tailed Swift [678]		Species or species habitat likely to occur within area
Ardea alba Great Egret, White Egret [59541]		Species or species habitat known to occur within area

Name	Threatened	Type of Presence
Ardea ibis Cattle Egret [59542]		Species or species habitat may occur within area
Calidris acuminata Sharp-tailed Sandpiper [874]		Species or species habitat likely to occur within area
Calidris canutus Red Knot, Knot [855]	Endangered	Species or species habitat likely to occur within area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat known to occur within area
Calidris melanotos Pectoral Sandpiper [858]		Species or species habitat may occur within area
Cereopsis novaehollandiae grisea Cape Barren Goose (south-western), Recherche Cape Barren Goose [25978]	Vulnerable	Species or species habitat may occur within area
Chrysococcyx osculans Black-eared Cuckoo [705]		Species or species habitat likely to occur within area
Diomedea antipodensis Antipodean Albatross [64458]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Diomedea dabbenena Tristan Albatross [66471]	Endangered	Species or species habitat may occur within area
Diomedea epomophora Southern Royal Albatross [89221]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Diomedea exulans Wandering Albatross [89223]	Vulnerable	Foraging, feeding or related behaviour likely to occur within area
Diomedea sanfordi Northern Royal Albatross [64456]	Endangered	Foraging, feeding or related behaviour likely to occur within area
Haliaeetus leucogaster White-bellied Sea-Eagle [943]		Species or species habitat known to occur within area
Limosa lapponica Bar-tailed Godwit [844]		Species or species habitat likely to occur within area
Macronectes giganteus Southern Giant-Petrel, Southern Giant Petrel [1060]	Endangered	Species or species habitat may occur within area
Macronectes halli Northern Giant Petrel [1061]	Vulnerable	Species or species habitat may occur within area
Merops ornatus Rainbow Bee-eater [670]		Species or species habitat may occur within area
Motacilla cinerea Grey Wagtail [642]		Species or species habitat may occur within area

Name	Threatened	Type of Presence
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat may occur within area
Pachyptila turtur Fairy Prion [1066]		Species or species habitat likely to occur within area
Pandion haliaetus Osprey [952]		Species or species habitat known to occur within area
Phoebastria fusca Sooty Albatross [1075]	Vulnerable	Species or species habitat likely to occur within area
Puffinus carneipes Flesh-footed Shearwater, Fleshy-footed Shearwater [1043]		Foraging, feeding or related behaviour likely to occur within area
Puffinus griseus Sooty Shearwater [1024]		Species or species habitat may occur within area
Sterna caspia Caspian Tern [59467]		Foraging, feeding or related behaviour known to occur within area
Thalassarche cauta Shy Albatross [89224]	Vulnerable*	Foraging, feeding or related behaviour likely to occur within area
Thalassarche impavida Campbell Albatross, Campbell Black-browed Albatross [64459]	Vulnerable	Species or species habitat may occur within area
Thalassarche melanophris Black-browed Albatross [66472]	Vulnerable	Species or species habitat may occur within area
Thalassarche steadi White-capped Albatross [64462]	Vulnerable*	Foraging, feeding or related behaviour likely to occur within area
Thinornis rubricollis Hooded Plover [59510]		Species or species habitat known to occur within area
Tringa nebularia Common Greenshank, Greenshank [832]		Species or species habitat likely to occur within area
Fish		
Acentronura australe Southern Pygmy Pipehorse [66185]		Species or species habitat may occur within area
Campichthys galei Gale's Pipefish [66191]		Species or species habitat may occur within area
Heraldia nocturna Upside-down Pipefish, Eastern Upside-down Pipefish, Eastern Upside-down Pipefish [66227]		Species or species habitat may occur within area
Hippocampus breviceps Short-head Seahorse, Short-snouted Seahorse [66235]		Species or species habitat may occur within area
Histiogamphelus cristatus Rhino Pipefish, Macleay's Crested Pipefish, Ring-back Pipefish [66243]		Species or species habitat may occur within area

Name	Threatened	Type of Presence
Leptoichthys fistularius Brushtail Pipefish [66248]		Species or species habitat may occur within area
Lissocampus caudalis Australian Smooth Pipefish, Smooth Pipefish [66249]		Species or species habitat may occur within area
Lissocampus runa Javelin Pipefish [66251]		Species or species habitat may occur within area
Maroubra perserrata Sawtooth Pipefish [66252]		Species or species habitat may occur within area
Nannocampus subosseus Bonyhead Pipefish, Bony-headed Pipefish [66264]		Species or species habitat may occur within area
Notiocampus ruber Red Pipefish [66265]		Species or species habitat may occur within area
Phycodurus eques Leafy Seadragon [66267]		Species or species habitat may occur within area
Phyllopteryx taeniolatus Common Seadragon, Weedy Seadragon [66268]		Species or species habitat may occur within area
Pugnaso curtirostris Pugnose Pipefish, Pug-nosed Pipefish [66269]		Species or species habitat may occur within area
Solegnathus lettiensis Gunther's Pipehorse, Indonesian Pipefish [66273]		Species or species habitat may occur within area
Stigmatopora argus Spotted Pipefish, Gulf Pipefish, Peacock Pipefish [66276]		Species or species habitat may occur within area
Stigmatopora nigra Widebody Pipefish, Wide-bodied Pipefish, Black Pipefish [66277]		Species or species habitat may occur within area
Urocampus carinirostris Hairy Pipefish [66282]		Species or species habitat may occur within area
Vanacampus margaritifer Mother-of-pearl Pipefish [66283]		Species or species habitat may occur within area
Vanacampus phillipi Port Phillip Pipefish [66284]		Species or species habitat may occur within area
Vanacampus poecilolaemus Longsnout Pipefish, Australian Long-snout Pipefish, Long-snouted Pipefish [66285]		Species or species habitat may occur within area
Mammals		
Arctocephalus forsteri Long-nosed Fur-seal, New Zealand Fur-seal [20]		Species or species habitat likely to occur within area
Neophoca cinerea Australian Sea-lion, Australian Sea Lion [22]	Vulnerable	Species or species habitat may occur within area

Name	Threatened	Type of Presence
Reptiles		
Caretta caretta Loggerhead Turtle [1763]	Endangered	Breeding likely to occur within area
Chelonia mydas Green Turtle [1765]	Vulnerable	Breeding likely to occur within area
Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Breeding likely to occur within area
Whales and other Cetaceans		[Resource Information]
Name	Status	Type of Presence
Mammals		
Balaenoptera acutorostrata Minke Whale [33]		Species or species habitat may occur within area
Balaenoptera edeni Bryde's Whale [35]		Species or species habitat may occur within area
Balaenoptera musculus Blue Whale [36]	Endangered	Species or species habitat likely to occur within area
Caperea marginata Pygmy Right Whale [39]		Species or species habitat may occur within area
Delphinus delphis Common Dophin, Short-beaked Common Dolphin [60]		Species or species habitat may occur within area
Eubalaena australis Southern Right Whale [40]	Endangered	Breeding known to occur within area
Grampus griseus Risso's Dolphin, Grampus [64]		Species or species habitat may occur within area
Lagenorhynchus obscurus Dusky Dolphin [43]		Species or species habitat may occur within area
Megaptera novaeangliae Humpback Whale [38]	Vulnerable	Species or species habitat known to occur within area
Orcinus orca Killer Whale, Orca [46]		Species or species habitat may occur within area
Tursiops aduncus Indian Ocean Bottlenose Dolphin, Spotted Bottlenose Dolphin [68418]		Species or species habitat likely to occur within area
Tursiops truncatus s. str. Bottlenose Dolphin [68417]		Species or species habitat may occur within area

Extra Information

State and Territory Reserves [\[Resource Information \]](#)

Name	State
Down Road	WA
Lake Powell	WA
Marbelup	WA
Phillips Brook	WA
Unnamed WA01998	WA

Regional Forest Agreements [\[Resource Information \]](#)

Note that all areas with completed RFAs have been included.

Name	State
South West WA RFA	Western Australia

Invasive Species [\[Resource Information \]](#)

Weeds reported here are the 20 species of national significance (WoNS), along with other introduced plants that are considered by the States and Territories to pose a particularly significant threat to biodiversity. The following feral animals are reported: Goat, Red Fox, Cat, Rabbit, Pig, Water Buffalo and Cane Toad. Maps from Landscape Health Project, National Land and Water Resources Audit, 2001.

Name	Status	Type of Presence
Birds		
Anas platyrhynchos Mallard [974]		Species or species habitat likely to occur within area
Columba livia Rock Pigeon, Rock Dove, Domestic Pigeon [803]		Species or species habitat likely to occur within area
Streptopelia senegalensis Laughing Turtle-dove, Laughing Dove [781]		Species or species habitat likely to occur within area
Sturnus vulgaris Common Starling [389]		Species or species habitat likely to occur within area
Mammals		
Canis lupus familiaris Domestic Dog [82654]		Species or species habitat likely to occur within area
Felis catus Cat, House Cat, Domestic Cat [19]		Species or species habitat likely to occur within area
Feral deer Feral deer species in Australia [85733]		Species or species habitat likely to occur within area
Mus musculus House Mouse [120]		Species or species habitat likely to occur within area
Oryctolagus cuniculus Rabbit, European Rabbit [128]		Species or species habitat likely to occur within area
Rattus rattus Black Rat, Ship Rat [84]		Species or species habitat likely to occur within area
Sus scrofa Pig [6]		Species or species habitat likely to occur within area
Vulpes vulpes Red Fox, Fox [18]		Species or species habitat likely to occur

Name	Status	Type of Presence within area
Plants		
Asparagus asparagoides Bridal Creeper, Bridal Veil Creeper, Smilax, Florist's Smilax, Smilax Asparagus [22473]		Species or species habitat likely to occur within area
Cenchrus ciliaris Buffel-grass, Black Buffel-grass [20213]		Species or species habitat may occur within area
Chrysanthemoides monilifera subsp. monilifera Boneseed [16905]		Species or species habitat likely to occur within area
Genista linifolia Flax-leaved Broom, Mediterranean Broom, Flax Broom [2800]		Species or species habitat likely to occur within area
Genista monspessulana Montpellier Broom, Cape Broom, Canary Broom, Common Broom, French Broom, Soft Broom [20126]		Species or species habitat likely to occur within area
Genista sp. X Genista monspessulana Broom [67538]		Species or species habitat may occur within area
Lantana camara Lantana, Common Lantana, Kamara Lantana, Large-leaf Lantana, Pink Flowered Lantana, Red Flowered Lantana, Red-Flowered Sage, White Sage, Wild Sage [10892] Lycium ferocissimum African Boxthorn, Boxthorn [19235]		Species or species habitat likely to occur within area
Pinus radiata Radiata Pine Monterey Pine, Insignis Pine, Wilding Pine [20780]		Species or species habitat may occur within area
Rubus fruticosus aggregate Blackberry, European Blackberry [68406]		Species or species habitat likely to occur within area
Sagittaria platyphylla Delta Arrowhead, Arrowhead, Slender Arrowhead [68483]		Species or species habitat likely to occur within area
Salix spp. except S.babylonica, S.x calodendron & S.x reichardtii Willows except Weeping Willow, Pussy Willow and Sterile Pussy Willow [68497]		Species or species habitat likely to occur within area
Ulex europaeus Gorse, Furze [7693]		Species or species habitat likely to occur within area

Caveat

The information presented in this report has been provided by a range of data sources as acknowledged at the end of the report.

This report is designed to assist in identifying the locations of places which may be relevant in determining obligations under the Environment Protection and Biodiversity Conservation Act 1999. It holds mapped locations of World and National Heritage properties, Wetlands of International and National Importance, Commonwealth and State/Territory reserves, listed threatened, migratory and marine species and listed threatened ecological communities. Mapping of Commonwealth land is not complete at this stage. Maps have been collated from a range of sources at various resolutions.

Not all species listed under the EPBC Act have been mapped (see below) and therefore a report is a general guide only. Where available data supports mapping, the type of presence that can be determined from the data is indicated in general terms. People using this information in making a referral may need to consider the qualifications below and may need to seek and consider other information sources.

For threatened ecological communities where the distribution is well known, maps are derived from recovery plans, State vegetation maps, remote sensing imagery and other sources. Where threatened ecological community distributions are less well known, existing vegetation maps and point location data are used to produce indicative distribution maps.

Threatened, migratory and marine species distributions have been derived through a variety of methods. Where distributions are well known and if time permits, maps are derived using either thematic spatial data (i.e. vegetation, soils, geology, elevation, aspect, terrain, etc) together with point locations and described habitat; or environmental modelling (MAXENT or BIOCLIM habitat modelling) using point locations and environmental data layers.

Where very little information is available for species or large number of maps are required in a short time-frame, maps are derived either from 0.04 or 0.02 decimal degree cells; by an automated process using polygon capture techniques (static two kilometre grid cells, alpha-hull and convex hull); or captured manually or by using topographic features (national park boundaries, islands, etc). In the early stages of the distribution mapping process (1999-early 2000s) distributions were defined by degree blocks, 100K or 250K map sheets to rapidly create distribution maps. More reliable distribution mapping methods are used to update these distributions as time permits.

Only selected species covered by the following provisions of the EPBC Act have been mapped:

- migratory and
- marine

The following species and ecological communities have not been mapped and do not appear in reports produced from this database:

- threatened species listed as extinct or considered as vagrants
- some species and ecological communities that have only recently been listed
- some terrestrial species that overfly the Commonwealth marine area
- migratory species that are very widespread, vagrant, or only occur in small numbers

The following groups have been mapped, but may not cover the complete distribution of the species:

- non-threatened seabirds which have only been mapped for recorded breeding sites
- seals which have only been mapped for breeding sites near the Australian continent

Such breeding sites may be important for the protection of the Commonwealth Marine environment.

Coordinates

-34.95513 117.72229

Acknowledgements

This database has been compiled from a range of data sources. The department acknowledges the following custodians who have contributed valuable data and advice:

- [-Office of Environment and Heritage, New South Wales](#)
- [-Department of Environment and Primary Industries, Victoria](#)
- [-Department of Primary Industries, Parks, Water and Environment, Tasmania](#)
- [-Department of Environment, Water and Natural Resources, South Australia](#)
- [-Department of Land and Resource Management, Northern Territory](#)
- [-Department of Environmental and Heritage Protection, Queensland](#)
- [-Department of Parks and Wildlife, Western Australia](#)
- [-Environment and Planning Directorate, ACT](#)
- [-Birdlife Australia](#)
- [-Australian Bird and Bat Banding Scheme](#)
- [-Australian National Wildlife Collection](#)
- [-Natural history museums of Australia](#)
- [-Museum Victoria](#)
- [-Australian Museum](#)
- [-South Australian Museum](#)
- [-Queensland Museum](#)
- [-Online Zoological Collections of Australian Museums](#)
- [-Queensland Herbarium](#)
- [-National Herbarium of NSW](#)
- [-Royal Botanic Gardens and National Herbarium of Victoria](#)
- [-Tasmanian Herbarium](#)
- [-State Herbarium of South Australia](#)
- [-Northern Territory Herbarium](#)
- [-Western Australian Herbarium](#)
- [-Australian National Herbarium, Canberra](#)
- [-University of New England](#)
- [-Ocean Biogeographic Information System](#)
- [-Australian Government, Department of Defence Forestry Corporation, NSW](#)
- [-Geoscience Australia](#)
- [-CSIRO](#)
- [-Australian Tropical Herbarium, Cairns](#)
- [-eBird Australia](#)
- [-Australian Government – Australian Antarctic Data Centre](#)
- [-Museum and Art Gallery of the Northern Territory](#)
- [-Australian Government National Environmental Science Program](#)
- [-Australian Institute of Marine Science](#)
- [-Reef Life Survey Australia](#)
- [-American Museum of Natural History](#)
- [-Queen Victoria Museum and Art Gallery, Inveresk, Tasmania](#)
- [-Tasmanian Museum and Art Gallery, Hobart, Tasmania](#)
- [-Other groups and individuals](#)

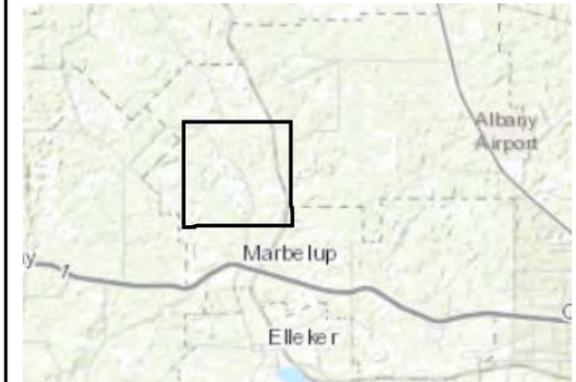
The Department is extremely grateful to the many organisations and individuals who provided expert advice and information on numerous draft distributions.

Please feel free to provide feedback via the [Contact Us](#) page.

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Overview Map Scale 1:250,000

Legend

- Property Boundary (Lots 3348 & 4120)
 - Extraction Area
 - Cadastre
 - Existing Dwelling
 - Separation Distance
 - Pits
 - 2-4m Bunding for Noise and Dust Reduction
 - Fire Service Access
 - Windbreaks
- Buffers**
- 10m Windbreak Buffer
 - 50m Dam Buffer (CoA)
 - 200m Adjacent Residences Buffer (CoA)
 - 300m Noise & Dust Buffer to Extraction Areas (CoA)
 - 500m Noise and Dust Buffer (EPA)
 - 1000m Noise and Dust Buffer (EPA)
- South Coast Significant Wetlands (DBCA)**
- Conservation Class



Scale
1:11,750@ A3
GDA MGA 94 Zone 50

Data Sources
Aerial Imagery: SLIP Virtual Mosaic WMS Service, Landgate 2016
Cadastre and Contours: Landgate 2016
Overview Map: World Topographic map service, ESRI 2012

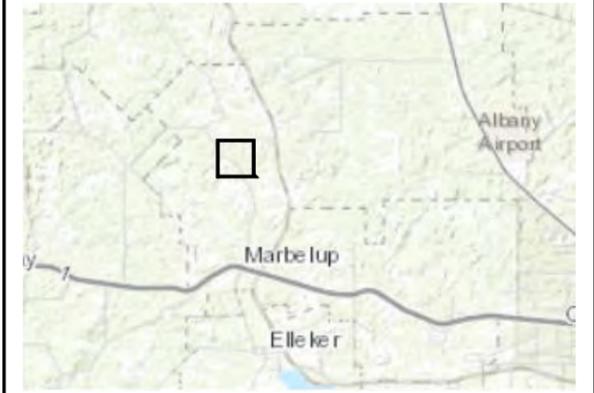
CLIENT
A.D. Contractors
Lot 3348 and Lot 4120 on Deposited Plan No: 202487
Marbellup, WA 6330

Site Buffers Mapping

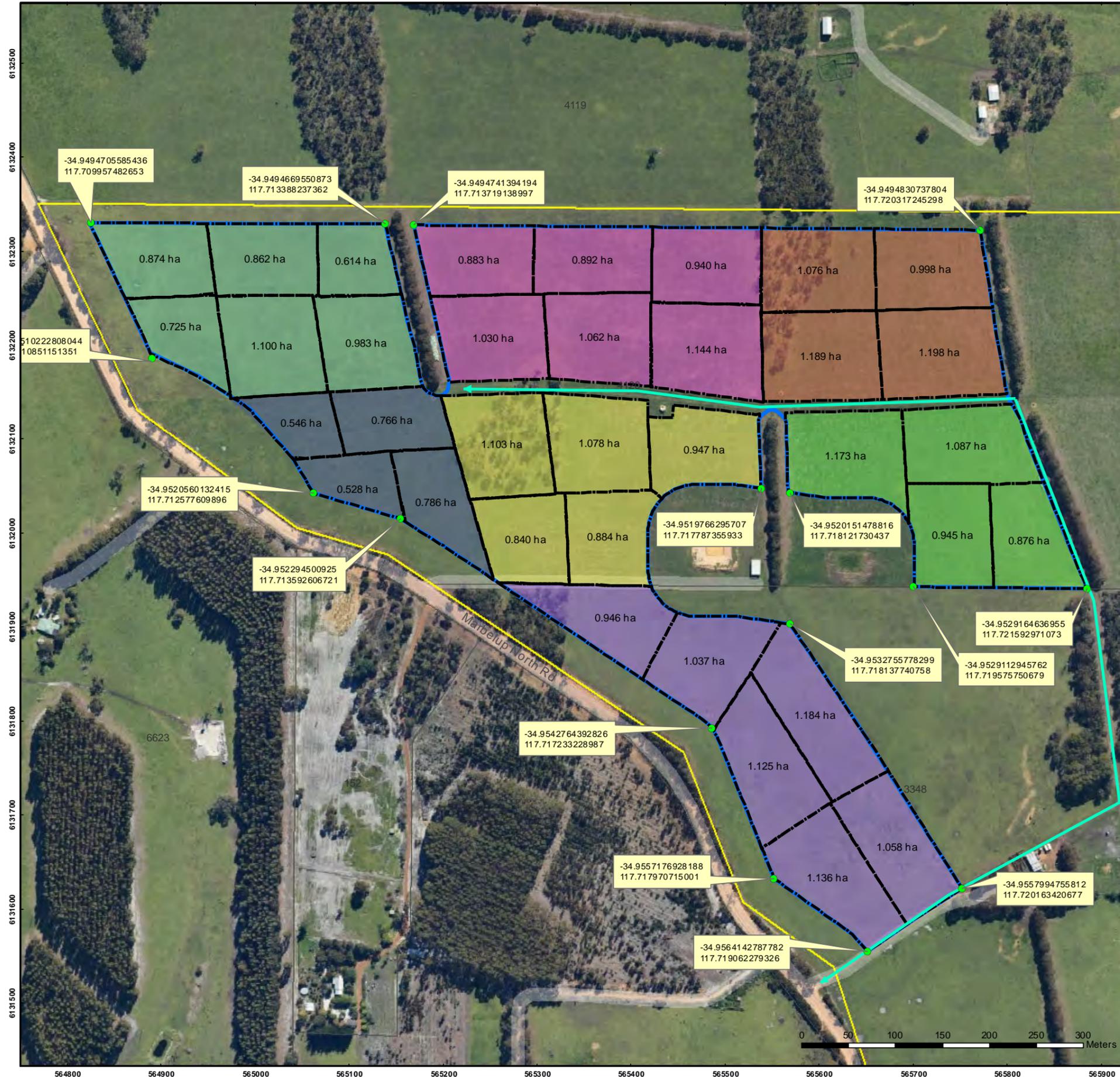
STATUS	FILE	DATE
FINAL	MSC0282	22/10/2020



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Overview Map Scale 1:250,000



Legend

Property Boundary (Lots 3348 & 4120)

Cadastre

Extraction Area

Pits

GPS Points

Access Routes

Staging Areas

- 1
- 2
- 3
- 4
- 5
- 6
- 7



Scale
1:4,000 @ A3
GDA MGA 94 Zone 50

Data Sources
Aerial Imagery: SLIP Virtual Mosaic WMS Service, Landgate 2016
Cadastre and Contours: Landgate 2016
Overview Map: World Topographic map service, ESRI 2012

CLIENT

A.D. Contractors
Lot 3348 and Lot 4120 on Deposited Plan No: 202487
Marbellup, WA 6330

Staging Plan

STATUS	FILE	DATE
FINAL	MSC0282	22/10/2020

<p>CITY OF ALBANY LOCAL PLANNING SCHEME No. 1</p> <p>Extractive Industry (Gravel) – Lots 3348 and 4120 (314) Marbelup North Road, Marbelup, P2200207</p> <p>SCHEDULE OF SUBMISSIONS AND MODIFICATIONS</p> <p><i>Note: This is a broad summary of the submissions only.</i></p>	
Summary of submission.	Officer Comment
<p><u>Road Safety and maintenance</u></p> <p>Condition of Road, ongoing Maintenance and safety– inadequate for current volume of traffic</p> <ul style="list-style-type: none"> • Marbelup North Road is a high use gravel road (used as a thoroughfare between Redmond and South Coast Hwy) • This road is one of the 5 most problematic roads within Albany • Poor drainage and inadequate camber of the road is a constant source of complaints • Road corrugates badly in summer and slippery with potholes in winter • Sometimes is only suitable for 4wd • A management plan was put in place in 2018 given the wear and tear as a result of being a thoroughfare between Redmond and South Coast Hwy • How will the City manage the degradation that truck movements will cause? • Constant maintenance - Unfair on ratepayers and other users of this road • Ongoing maintenance is a big cost to the COA. Applicant should be made to upgrade and seal the road from site to South Coast Hwy prior to the commencement of the project • Road graded twice within the last two weeks but potholes return within a day • Marbelup North Road is winding and has a series of sharp bends. • No traffic management has been attached to the proposal • No mention how operations will take into account the poor visibility and sight lines when operating fully laden 24 tonne trucks on a gravel road • Dust from road makes visibility on the road so bad you have to pull over when trucks pass 	<ul style="list-style-type: none"> • In consultation with the City of Albany Engineers, it was determined that the proponent shall be required to contribute to the upgrade of Marbelup North Road to a sealed standard from South Coast Highway to the entrance of the site. • In addition to this the applicant will be required to arrange up to 4 additional re-gradings of Marbelup North Rd per year at the request of the City of Albany until the road is sealed. The City of Albany currently re-grades Marbelup North Rd every 2 months, and will monitor the condition of Marbelup North Rd on a monthly basis. • The operator shall liaise with the school bus operator to establish a traffic schedule to avoid potential conflict with school bus operations. • The proposal was referred to Main Roads WA who have no objection to the proposal.

<p>CITY OF ALBANY LOCAL PLANNING SCHEME No. 1</p> <p>Extractive Industry (Gravel) – Lots 3348 and 4120 (314) Marbelup North Road, Marbelup, P2200207</p> <p>SCHEDULE OF SUBMISSIONS AND MODIFICATIONS</p> <p><i>Note: This is a broad summary of the submissions only.</i></p>	
Summary of submission.	Officer Comment
<p>How will 24 tonne trucks, 56 times per day compete with:</p> <ul style="list-style-type: none"> • School buses • Through traffic on the only north south connection in the area • Agricultural enterprises • Residential traffic • Cyclists, runners and horse riders <p><u>Appropriate consideration should be given to likely risks such as:</u></p> <ul style="list-style-type: none"> • <i>Children (bus stop)</i> • <i>Stray animals (cattle)</i> • <i>Road use (speed and times)</i> <p><u>South Coast Hwy instersection –</u></p> <p>Dangerous intersection – Main Roads should be consulted</p>	
<p><u>Noise, dust, proximity to dwellings resulting in health issues:</u></p> <p><u>Dust</u></p> <ul style="list-style-type: none"> • Inadequate dust management plan and lack of detail • Located on side of ridge, bunds won't help with dust 	<p>In response to the concerns raised in relation to dust and noise, the proponent has provided updated dust and noise managements plan. These plans incorporate a number of appropriate and acceptable measures to mitigate impacts on nearby landowners.</p>

<p>CITY OF ALBANY LOCAL PLANNING SCHEME No. 1</p> <p>Extractive Industry (Gravel) – Lots 3348 and 4120 (314) Marbelup North Road, Marbelup, P2200207</p> <p>SCHEDULE OF SUBMISSIONS AND MODIFICATIONS</p> <p><i>Note: This is a broad summary of the submissions only.</i></p>	
Summary of submission.	Officer Comment
<ul style="list-style-type: none"> • Dust from operation and road • Dust will impact health of nearby residents, some with lung conditions and asthma. • Dust will affect rainwater quality • Prevailing winds will constantly send dust directly to dwellings (strong north/easterly) • No detail or guarantee how dust management will be effectively implemented and monitored • Dust from gravel contains high iron oxide reacts with metal surfaces causing rust • States “dust management <u>can be implemented</u>”....”Operation <u>generally</u> cease during times of high wind”....these terms should be changed to provide certainty’ • Operation should be ceased during high N/E winds or heavy suppression of water <p>Noise</p> <ul style="list-style-type: none"> • States operation will be undertaken Monday to Fridays only, <u>unless required</u>. • Operation on weekends and public holidays is not acceptable. • Impact on nearby landowners. • Noise will be exacerbated in a gully. • There is no natural or artificial screening to reduce noise impacts <p><i>States that “Noise will be the largest consideration of the project from crushing and screening operations”. Further “it is expected that operations noise will not be louder than the surrounding agricultural and forestry operations”. This statement is refuted in regards to the impact to houses less than 280m – requests evidence of this or retract statement.</i></p> <p>Noise management plan insufficient for the following reasons:</p>	<p>The EPA Separation Distances between Industrial and Sensitive Land Uses (draft) 2015, is not the current and endorsed document so the standing provision within the 2005 endorsed guidelines apply. The current and endorsed guidelines pertaining to sensitive land uses and setback requirements are the Environmental Protection Authority’s Separation Distances between Industrial and Sensitive Land Uses Guidelines 2005, which do not set out a specific buffer for this type of extraction, and it is assessed case by case.</p> <p>The Extractive Industries and Mining Policy requires that buffer distances are to be in accordance with the setbacks outlined within the Environmental Protection Authority requirements. Although the Environmental Protection Authority’s Separation Distances between Industrial and Sensitive Land Uses guidelines (2005) do not set out a specific buffer for this type of extraction, and it is assessed case by case, the City of Albany Extractive Industries and Mining policy and Local Planning Scheme No. 1 state 200 metres should be achieved between dwellings not on the subject property and excavation areas. Although the proposed setbacks exceeded the required 200 metre setback within the City of Albany Extractive Industries and Mining Policy, in response to the concerns raised during the</p>

<p>CITY OF ALBANY LOCAL PLANNING SCHEME No. 1</p> <p>Extractive Industry (Gravel) – Lots 3348 and 4120 (314) Marbelup North Road, Marbelup, P2200207</p> <p>SCHEDULE OF SUBMISSIONS AND MODIFICATIONS</p> <p><i>Note: This is a broad summary of the submissions only.</i></p>	
Summary of submission.	Officer Comment
<p><u>Inconsistent with CoA Policy</u>- Class 2 pits require a description of measures to be taken to comply with the EPA Noise Regulations 1997 and is applicable where a residence is within 300m of an extraction site</p> <p><u>Inconsistent with EPA Separation Distances between Industrial and Sensitive Land Uses (draft) 2015:</u> Guideline requires buffers of 500m to 1000m. Does not comply or follow measures within this guideline.</p> <p><u>State Planning Policy 2.4 – Basic Raw Materials Policy</u> and EPA Guidelines (draft) are overarching policy to guide the planning framework in WA. This has not been referenced within the application. The following have not been addressed:</p> <ul style="list-style-type: none"> • “The proposed activity will not cause disturbance to the amenity of the area” • “The site has safe access to major roads, and existing roads are in good condition. • The access roads proposed are suitable for the volume of traffic and type of heavy “The site is not in a visually significant location, such as on a ridge, or visible from major roads and will not have a negative visual impact on major roads, scenic areas or adjoining properties” • “The site provides adequate separation distance... separation distances should be 300m to 1,000m” <p><i>How will noise be monitored and always kept to the safe level?</i></p> <p><i>Residents shouldn't have to complain and believe better noise management should be put in place</i></p>	<p>submission period, the applicant has since revised the plan and increased the closest setback to 305 metres;</p> <p>The <i>State Planning Policy 2.4 – Basic Raw Materials Guidelines (2018)</i> incorporates a site selection checklist intended on guiding the applicant during the site selection process. Within this checklist it recommends that adequate setbacks for Extractive Industries from sensitive lands uses should be between 300 metres and 1000 metres. The guidelines however state that local government assessment and approval should be based on relevant local planning scheme provisions, polies or strategies where applicable. In this instance, the City of Albany Extractive Industries and Mining Policy and Local Planning Scheme No. 1 both require a setback of 200 metres from a residence not located on the subject lot. The closest dwelling not on the subject lot is 305 metres, therefore it is considered to comply with the applicable provisions.</p> <p>The proposed operation times would generally be between 7.00am to 5.00pm on weekdays (Monday to Friday). The applicant has clarified that in times of high demand, there may be operations on Saturdays between 8.30am to 1.00pm. There would be no operations of Sundays or public holidays. The</p>

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Summary of submission.	Officer Comment
<p><u>Proximity to dwellings. Does not meet the EPA buffer</u></p> <p>CoA Policy requires EPA buffers to be accommodated within the boundaries of the subject property Buffer not contained within the site boundaries. One property/dwelling?? Is 279m, one 440m, and another 385m. All homes within the EPA 500m buffer Seeks clarification how this will be addressed</p>	<p>proposed hours are consistent with the hours generally permitted.</p> <p>Extractive industries are subject to an annual inspection prior to the licence renewal. This process ensures work is being undertaken in accordance with the approved plan and planning conditions, and that rehabilitation work is correctly carried out. If a breach is found, the licence is not renewed until such a time as the breach has been rectified.</p> <p>It should be noted that the lack of compliance, if any, is not a relevant planning matter for consideration, each application must be considered on its own merit in good faith.</p> <p>The Department of Health state that unless adequately treated, rainwater is not reliably safe to drink and it is almost impossible to completely protect rainwater from contamination. However, our advice is that installing screens, filters and first flush devices will reduce contamination if people are using rainwater for this purpose.</p>
<p><u>Impact on the character and visual amenity of the area</u></p> <ul style="list-style-type: none"> • CoA Policy states that an extractive industry should not be located within visually obtrusive locations (locations obvious from major roads, townsites and tourist nodes). • Residents contend Marbelup North Road is a major road. 	<p>The subject site is zoned General Agriculture. Local Planning Scheme No. 1 classifies an extractive industry as a use which can be considered within this zone. An extractive industry is a common use on Priority and General Agriculture zoned land. Furthermore, in terms of compliance, the proposal meets the</p>

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Summary of submission.	Officer Comment
<ul style="list-style-type: none"> • Located on the side of a ridge • Will have a high visual impact on residents overlooking the valley 	<p>requirements of the Extractive Industry and Mining Local Planning Policy.</p> <p>Marbelup North Road is not considered a major road or visually sensitive area.</p> <p>In terms visual amenity, the staging and rehabilitation of areas will serve to reduce the overall visual impact of the proposed works. Extractive industries are subject to an annual licence renewal inspection to ensure that rehabilitation work is correctly carried out.</p>
<p><u>Environmental concerns</u></p> <p><u>Waterways:</u></p> <p>Located within South West Significant Wetlands defined by the Dept of Biodiversity Conservation and Attractions (DBCAs) and sites within the Marbelup Brook Catchment area Priority water catchment area</p> <p><u>Weeds:</u></p> <p>The roadside vegetation was in good condition and dieback free has now been compromised and damaged due to grading spreading weeds including watsonias and golden wattles</p>	<p>The proposal was referred to the Department of Water and Environmental Regulation who are the body responsible for assessing the risk to the waterway. They have no objections to the proposal as the separation distance to the Brook and the stormwater management measures of the Environmental Assessment report were sufficient, however recommended the following advice;</p> <ul style="list-style-type: none"> • <i>It is recommended that a minimum of 2 metres of undisturbed soil profile is required as a buffer between the base of the excavated area and the maximum water table level.</i> • <i>DWER supports the proposal that no fuels, oils and chemicals will be stored on the site. Refuelling to be undertaken in a designated area with spill kits available Furthermore, routine servicing and washdown of</i>

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Summary of submission.	Officer Comment
	<p><i>operating equipment is unacceptable in a P2 area. Running repairs may be conducted if effective measures are in place to prevent fuel, lubricants, coolant and hydraulic fluid losses to the environment.</i></p> <ul style="list-style-type: none"> <i>The applicant may require a works approval to construct/install the equipment (mobile or otherwise) and a licence or registration to operate. It should be noted that DWERs determination of production or design capacity may be influenced by a planning approval that restricts capacity (such as constraining hours of operation).</i> <p>The applicant has provided a satisfactory on-site Weed Management plan.</p>
<p><u>Life of pit</u></p> <p>Requests clarification given the calculations</p>	<p>The applicant has stated that it is estimated that an average amount of 30,000 tonnes per year will be extracted over a period of 7-8 years. In times of high demand, it is anticipated a maximum of 50,000 tonnes per year would be extracted, however this is dependent upon industry demand;</p> <p>During periods of high demand, the applicant has estimated that one stage will be exhausted every 12 months, therefore it is anticipated that the life of the pit will be 7-8 years;</p> <p>The applicant is applying for an 8 year approval. All extraction must be contained within the approved area indicated on the</p>

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Summary of submission.	Officer Comment
	<p>site plan. New areas outside of the approved area, or an extension beyond the 8 year period will be subject to a new approval.</p>
<u>Value of property</u>	<p>Property value is not a matter to be considered under the Planning Regulations 2015;</p>
<p><u>Inconsistencies within the report</u></p> <p>Report states: “3 to 4 trucks per day (6-7 trips per day) Unlikely to occur more than 3-4 times per year”. This equals 1 truck every 10.7 minutes for 10 hours per day.</p> <p>Based on the operational plan, there will be average of 40,000 tonnes extracted per year Project life = 8 years</p> <p>Annual extraction max = 50,000 tonnes Using 24 tonne trucks (14m3) = 2083 loads per year 251 operational days per year (excluding weekends and public holidays) = 16.6 movements per day (8.3 trucks per day)</p> <p>Note: Using 15 tonne trucks (9m3) further increases traffic movements</p> <p>Why has the report:</p>	<p>The proposed types of trucks used during the operation are 6-wheeler trucks with an approximate capacity of 15 tonnes and semi-trailers with an approximate capacity of 24 tonnes, however volumes vary depending on moisture and density of the gravel extracted;</p> <p>The number of truck movements will vary dependent on demand, however on average it is expected that there will be four truckloads per day, which equates to eight truck movements per day. During times of high demand, it is estimated that four trucks would make up to seven trips per day (this equates to 56 movements). During low demand times, it is likely that 0 – 2 movements per day will occur;</p>

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Summary of submission.	Officer Comment
<ul style="list-style-type: none"> • Used m3 not tonnes? • Indicated 3-4 trucks, 6-7 per day, not <u>56 movements per day</u>? • Stated that when demand is low only one truck will enter and exit the site per day when this is not correct? 	
<p><u>Consultation process:</u></p> <p>Lack of consultation by applicant prior to submitting to the City</p> <p>1500m radius insufficient consultation by the City</p>	<p>Concerns were raised in relation to the lack of consultation by the applicant prior to the proposal being submitted, and that the 1500 metre consultation radius undertaken by the City was considered insufficient.</p> <p>Under clause 64 of the Planning and Development (Local Planning Schemes) Regulations 2015, the proposal was required to be advertised for a period of 14 days. The proposal was advertised for a period of 19 days. Nearby landowners were notified directly by letter, and a notice was placed on the City of Albany website.</p>



City of Albany
Business Case

Renewable Energy Installation on City facilities

Document Approval	
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1. EXECUTIVE SUMMARY

The City of Albany is transitioning to a cleaner energy future. Wind energy generation in Albany has been successful, producing up to 70% of Albany's energy requirements, however thermal energy from fossil fuel coal fire stations remains Western Australia's dominate energy source.

To increase the City's renewable energy commitment, two integrated renewable energy feasibility studies (2019) were completed to identify potential sites for renewable energy generation technology as well as energy efficiency and tariff optimisation opportunities. Integrated energy systems such as battery storage and 'Virtual Power Plant' options have been considered within the feasibility studies, however are not financially viable at the time of this report.

In line with the recommendations of the two feasibility studies, energy efficiency initiatives, tariff optimisation and load data anomalies, which were implemented in early 202 in conjunction with Synergy's contestable energy agreement, and the new tariff rates have been applied with an estimated savings of \$42,000. Energy efficiency options such as LED lighting have been included in the long-term financial plan.

Roof top solar Photovoltaic (PV) systems recommendations from the feasibility studies form the scope of this business case, to ensure long-term sustainable and viable implementation, have been allocated over three phases. Phase one of the project is the installation of roof top solar PV on 11 city owned and operated buildings. Phase two is the installation of roof top solar PV on City of Albany sites that are owned and leased, and phase three will include additional renewable energy storage and distributed energy such as battery storage and VPP options.

At the time of this report, there is currently no funding available for renewable energy installations to Local Governments. It is estimated that phase one of the solar installation project will cost \$1.3 million pre small-scale technology certificate credits (STC's), and will be implemented over a 5 year period to ensure that it aligns with the long term financial plan and the roof replacement program, with an estimated payback period of between 5 and 6 years.

This project aligns with the City of Albany Community Strategic Plan for a Clean, Green & Sustainable City, the Climate Change Action Declaration (2020), the Carbon Footprint Reduction Strategy (2014) and the Corporate Energy Plan (to be released early 2021).

2. INTRODUCTION

The proposed project aims to assist the City of Albany to transition City operations to 100% renewable energy by 2030.

The business case has been developed to support the installation on solar photovoltaic systems as well as other tariff optimisation and energy efficiency options for City of Albany owned buildings.

The City of Albany has been proactive in installing three PV systems since the adoption of the Carbon Footprint Reduction Strategy in 2014, with an estimated annual savings of \$XX.

This project has been developed in accordance with initial energy feasibility studies

3. BACKGROUND

Energy generation and distribution in Western Australia is undergoing rapid transformation. Traditionally what has been fossil fuel based, is moving to more renewable energy sources such as wind, solar, wave and hydrogen, in an effort to decarbonise the energy market in line with global emission reduction targets.

Linear supply chains of generation, transmission, distribution and retail are no longer sustainable. To manage the changes in renewable energy generation and the phase out of fossil fuels the Western Australian government released the 'Energy Transformation Strategy' (2019) and the Distributed Energy Resources Roadmap (DER Roadmap). Outlines the path to achieving a safe, reliable and efficient electricity system to achieve net zero emissions by 2050.

Albany is home to 18 wind turbines, with a generating capacity of 35.4MW, supplying around 80 percent of Albany's annual electricity requirements. A \$3.75 million grant from the State Government saw the development of the Wave Energy Research Centre (WERC) facility in Albany. The WERC facility undertakes offshore marine renewable energy research and technology with wave energy potentially providing a viable contribution to Western Australia's energy mix.

The City of Albany Carbon Footprint Reduction Strategy (2014) aims to provide a framework to assist in the reduction of carbon emissions and energy consumption. Annual energy expenditure has declined in the last 3 years with the installation of three rooftop solar PV arrays (2015-2017) totalling 55kW, and the biofuel energy system (installed December 2018) at the Albany Leisure and Aquatic Centre. The City has saved an estimated \$92,000 on energy costs for 2019/20 financial year.

In April 2018, Council unanimously resolved that the City of Albany continue to explore renewable energy generation opportunities to become self-supporting in its corporate energy requirements. As a result, two integrated renewable energy feasibility studies undertaken in 2019 by independent consultants Blue Sky

Renewables (BSR) and Thales New Energy (TNE). Investigations identified potential savings through energy efficiencies opportunities, tariff optimisation, and renewable energy solutions.

The City of Albany in October 2020 unanimously adopted the City of Albany Climate Change Action Declaration in collaboration with the Albany Youth Advisory Council. The Declaration commits to developing GHG emission reduction targets and the development of a Corporate Energy Plan.

4. FEASIBILITY STUDIES

Two feasibility studies were undertaken as part this project.

4.1. . BLUE SKY RENEWABLES (BSR) REVIEW

BSR were engaged to undertake an energy assessment at the Albany Leisure and Aquatic Centre, which included:

- energy usage/efficiency review,
- renewable energy generation (including biofuel) and
- thermal energy supply.

Other considerations included, as part of this project was a possible future 50m pool expansion.

BSR’s Integrated Renewable Energy System Feasibility Study analysed energy use data, and made recommendations on energy efficiency opportunities and alternative renewable energy generation options. The report identified a range of operational energy efficiency initiatives to reduce energy usage by 30-40%. Recommendation have been listed in Table 1, however there is currently works scheduled for the 2020/21 financial year for boiler upgrades, roof replacement and LED lighting upgrades in the ALAC carpark totalling \$280,000.

Items marked * have been implemented, but due to the impacts of COVID-19 it is unclear what impacts these savings will have had, however staff will continue to monitor to assess against the planned savings.

Item	Recommendation	Financial Planning	Cost
Reclaim unit	Decommission	Capital Works	TBC
HVAC*	Reduce usage in evenings	Procedure	\$0

Item	Recommendation	Financial Planning	Cost
Air Temp*	Lower air temp	Procedure	\$0
LED Lighting Replacements	Replace lighting	Capital Works	\$60,000
Leisure pool	Install variable frequency drive to leisure pool	Further Investigation required	TBC
Hot water heating systems	Install solar hot water systems to the stadium ablution blocks	Capital Works	\$20,000
Roof Top Solar PV	Install 300 kW system	Capital Works	\$750,000
Expansion of Biomass system	110- 120kW system	Contract negotiations	TBC
Energy Monitoring Program	Recommended energy monitoring platform	Planning (Sustainability program)	\$0

Table 1: Recommendations from BSR Review for ALAC

4.2. THALES NEW ENERGY (TNE) REVIEW

TNE were engaged to undertake a building energy review on City owned and operated buildings as shown in table 2 (excludes ALAC). The review included:

- detailed review of electricity loads and load profiles
- identified operational load anomalies
- solar PV and battery systems potential
- potential City ‘Virtual Power Plant’ (VPP) capabilities
- Leased buildings potential to generate additional revenue

Site	Number of Buildings
Waste Facility	4
Heritage Park	6
Albany Airport	4
Central CBD	13
Vancouver Arts Centre	5
Centennial Precinct	4
Mercer Road Administration & Depot	5
Middleton Beach	4
Emu Point	5
Lockyer	2
Spencer Park	2
Frenchman’s Bay	1
Total	55

Table 2: Breakdown of City Buildings included in TNE assessment

VPP is a network of decentralized, medium-scale power generating units such as solar to enable flexible power consumers and storage systems. The interconnected units are dispatched through the central control room of the VPP to relieve the load on the grid by distributing the power generated by the individual during peak load periods. The image below demonstrates a simple overview of a VPP scenario.

The contract with TNE, awarded April 2019, was terminated in March 2020 after TNE failed to submit their final report by the December 31st deadline or the 31st January extension deadline. Although the final report was never received, building assessments were obtained via presentations and the building data spreadsheet.

The TNE review made the following recommendations:

- Energy tariff/market negotiations with power provider to save money
- Solar system finance and delivery
- Solar PV power sales to tenants of leased buildings

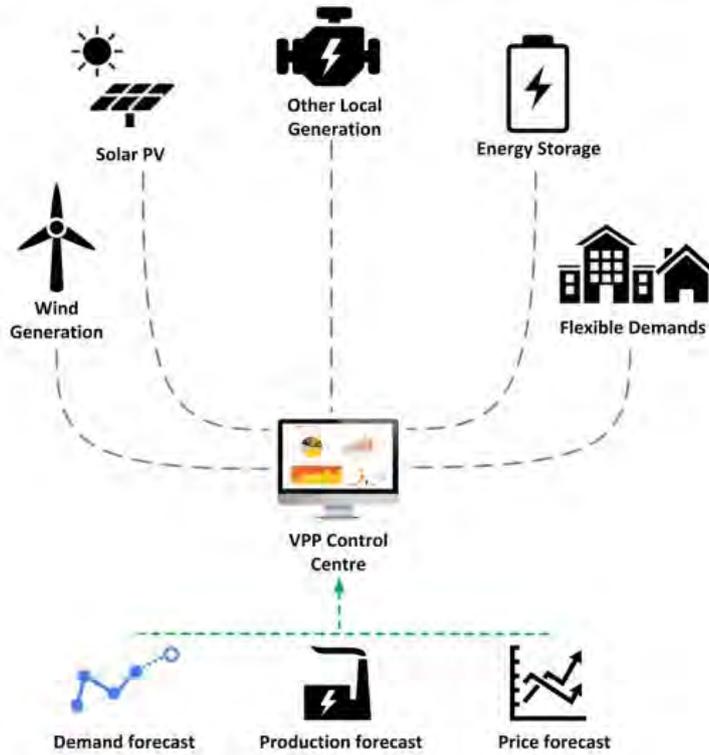


Image 1. Demonstration of Virtual Power Plant

TNE notes that VPP and battery storage options are not financially viable due to limited roof capacity to generate excess energy, and the cost of battery storage costs prohibitive. It is suggested that with a rapidly changing market, battery storage may become a more affordable option over the next 5-10years.

Building/Asset	Load kWh/y	Customer Status	Current Tariff	Annual Electricity Bill	New Tariff	New Bill after new Tariff	Annual Savings from new Tariff
Foundation Park/Toilet	22,200	Non-Contestable	L1	\$6,795	R1 or better	\$6,037	\$758
Surf Life Saving Club	47,800	Non-Contestable	L1	\$13,885	R1 or better	\$11,923	\$1,962
Centennial Cricket	165,000	Contestable	L1	\$46,149	R1 or better	\$42,695	\$3,454

Building/Asset	Load kWh/y	Customer Status	Current Tariff	Annual Electricity Bill	New Tariff	New Bill after new Tariff	Annual Savings from new Tariff
Centennial Stadium	90,236	Contestable	L1	\$25,629	R1 or better	\$21,376	\$4,253
North Road Admin	228,000	Contestable	L1	\$63,977	R1 or better	\$55,876	\$8,101
Mercer Rd Depot	53,107	Contestable	L1	\$15,351	R1 or better	\$12,497	\$2,854
Emu Point Restaurant	67,100	Contestable	BusFlex	\$20,966	R1 or better	\$17,834	\$3,132
MRRF Facility	75,205	Contestable	BusFlex	\$22,334	R1 or better	\$21,498	\$836
ANZAC Centre	121,817	Contestable	L3	\$48,162	R3 or better	\$39,993	\$8,169
Albany Airport	231,362	Contestable	BusFlex	\$57,026	New Rate	\$50,481	\$6,545
Total Savings:							\$40,064

Table 3: Potential Tariff Savings

Since the completion of the review, tariff optimisation negotiations with Synergy have been successful. Some of the cost saving has been realised but the exact extent is unclear at present and will be monitored.

Buildings assessed	No. Solar systems	Current load	Est PV system size	Est. PV system cost	Annual PV Energy (1 year)	Current annual electricity bill	Est new bill with solar	Annual savings	Avg payback period
55	38	1,627,825 kWh/y	689 kW	\$695,000	837,250	\$453,500	\$254,350	\$198,000	4 years

Table 4: TNE Solar PV Summary

4. DISCUSSION

This business case investigates the installation of renewable power system (PV) on City Facilities. It considers the findings of the two reports provided by BSR and TNE.

The project has been divided into three phases:

Phase one - Installation of solar PV on City owned and operated buildings.

Phase two – Installation of solar PV on City owned and leased buildings.

Phase three – VPP and storage batteries.

It should be noted that the installation of the two solar hot water systems at ALAC is excluded from this business case and will be progressed separately as part of the Capital Works Program process.

4.1. PHASE 1

The buildings included in this phase are as follows:

- Albany Airport Terminal Building
- ALAC
- Aware Centre
- Fossickers Tip Shop
- Library
- Mercer Road Depot (expansion)
- Mercer Road Offices
- National ANZAC Centre
- North Road Administration Centre (expansion)
- Vancouver Arts Centre
- Weigh Bridge

All these buildings are City of Albany owned/operated and have sufficient building load scale and roof suitability. As part of the installation process small-scale technology, certificate (STC) pricing has been included. STC's are an environmental credit that is part of the Federal Government's Small-scale Renewable Energy Scheme (SRES). The STC scheme has been in operation since 2001 and were designed to support the uptake of small-scale renewable energy for households and small businesses. The value of renewable energy certificate fluctuates according to market value at the time of installation; at the time of this report was around 33 cents kW. There is an opportunity for the city to use the STC to reduce the cost of the system or sell them later and put that money into a reserve account for other energy efficiency and renewable projects.

Building	System Size kW	Cost (pre STC+ GST)	Cost (STC 33 c kW) + GST	Est Savings Per year + GST	Payback period years
2020-21					
Library	31	\$49,299	\$32,593	\$9,582	3.4
Sub total	31	\$49,299	\$32,593	\$9,582	
2021-22					
Albany Airport Terminal Building	88	\$129,209	\$91,360	\$29,288	3.1
Albany Leisure & Aquatic Centre	300	\$750,000	\$510,000	\$124,000	4.1
Sub Total	388	\$879,209	\$601,360	\$153,288	
2022-23					
National ANZAC Centre	73.4	\$113,777	\$82,212	\$28,615	2.9
North Road Administration Centre (expansion)	70	\$112,865	\$82,470	\$27,833	3.0
Sub Total	143.4	\$226,642	\$164,682	\$56,448	
2023-24					
Fossickers Tip Shop	6.8	\$9,572	\$6,830	\$1,878	3.6
Aware Centre	6	\$8,456	\$5,826	\$1,613	3.6
Weigh Bridge	6.8	\$6,830	\$6,830	\$1,873	3.6
Mercer Road Depot (expansion)	20	\$40,167	\$40,167	\$7,759	5.2
Sub Total	39.6	\$65,025	\$59,653	\$13,123	
2024-25					
Vancouver Arts Centre	12.2	\$13,967	\$13,967	\$3,268	4.3
Mercer Road Office	30	\$30,130	\$30,130	\$6,756	4.5
Sub Total	42.2	\$44,097	\$44,097	\$10,024	
Total	644.2	\$1,264,272	\$902,385	\$242,465	

Table 5: The proposed phase one solar PV installation program

An installation programme has been devised and is included in Table 5. This table assumes that the PV system will be installed as early as possible taking into consideration such items as planned roof replacements and works scheduled in the current ten-year financial plan. The works required have been broken down into financial years. Costs included in the table exclude any Project Management costs, structural engineering or western power approvals.

4.2. PHASE 2 AND 3

Following the Elected Members Strategic Workshop and the Sustainable Buildings Working Group Meetings it has been agreed by all parties that phases 2 and 3 of the solar installation program are yet to be determined due to gaps in the data and therefore will not form part of this business case. For phase two there needs to be further investigation into the cost of changes to current lease agreements and the viability of the VPP energy systems over the next 5 years. For phase three the information provided by TNE

lacks costing details of VPP systems and battery storage items in the load data analysis. It is envisaged that with the changes to the current state energy supply that these options may become more financially viable for local governments similar to what is being rolled out as part of the McGowan Governments Schools Virtual Power Plant Pilot Project.

5. FINANCING

Phase one of the Solar PV System installations project across **11 City of Albany building** assets including the Albany Leisure and Aquatic Centre, will cost approximately \$1.3 million (pre-STC discount) including GST. The five-year project commencing 2020/21 will be completed in line with the planned roof replace schedule and the 10-year financial plan (subject to council approval).

As part of phase 1 the first 31kW solar system is scheduled to be installed at the Library/Visitors Centre early 2021 at the completion of the Library upgrades as part of 2020/21 Capital Works Program (\$150k allocated).

6. RISK ASSESSMENT

The project risk is defined here as those conditions that will affect the schedule and cost baseline of the implementation of the Project.

6.1. **SMALL-SCALE RENEWABLE ENERGY SCHEME (STC)**

The Small-scale Renewable Energy Scheme is a financial incentive for individuals and small businesses to install eligible small-scale renewable energy systems (under 100 kW) such as solar panel systems, small-scale wind systems, small-scale hydro systems, solar water heaters and air source heat pumps. It does this through the creation of STC's which Renewable Energy Target liable entities have a legal obligation to buy and submit to the Clean Energy Regulator on a quarterly basis. STC's are provided 'up front' for the systems expected power generation over a 15-year period or, from 2017, from the installation year until 2030 when the scheme ends.

The Clean Energy Regulator's 2019/20 STC rate is currently 33-36 cents a kW (market dependant) and has been forecasted to remain steady until 2023.

6.2. **TARIFF RATE CHANGES**

The Synergy Business Plan (L1) tariff is a Government regulated electricity tariff with no fixed term. It is suitable for businesses that use energy all day, every day or during standard operating hours. Not all City of Albany buildings are included under the L1 tariff rate; however, it is indicative of changes to the pricing schedules with the exception of those that the City negotiates as part of the Contestable Energy Agreement with Synergy.

With the exception of the 2018-19 financial year, synergy's tariff rate have increased by 1.5%-2% (see table 6). Due to COVID-19 and the new Western Australian Energy Transformation Strategy (2020), future tariff rate increases is unclear.

2018-19 increased by 7%	
<i>L1 Tariff</i>	<i>Prices (Inc. GST)</i>
Fixed charge	\$1.7154 per day
Variable charge (First 1650 units per day)	26.69 cents per unit
Variable charge (More than 1650 units per day)	30.10 cents per unit
2019-20 increased by 1.75%	
<i>L1 Tariff</i>	<i>Prices (Inc. GST)</i>
Fixed charge	\$1.778 per day
Variable charge (First 1650 units per day)	27.682 cents per unit
Variable charge (More than 1650 units per day)	31.21 cents per unit
2020-21 increased by 1.75%	
<i>L1 Tariff</i>	<i>Prices (Inc. GST)</i>
Fixed charge	\$1.8447 per day
Variable charge (First 1650 units per day)	28.7065 cents per unit
Variable charge (More than 1650 units per day)	32.3656 cents per unit

Table 6. Synergy tariff rate charges 2018-2021

6.3. ADDITIONAL PROJECT COSTS

PV installation costs as listed in table 5, exclude any project management costs, structural engineering reports (if required), planning and building approvals or western power approvals. As part of the capital works program each building will be re-evaluated and costs updated in accordance with the current market.

The Albany Leisure and Aquatic Centre PV install will be more complex as it will be greater than 150kW, Enquiry fee - \$3,500 plus GST involves a high-level feasibility assessment, which usually determines whether there are any network impediments to the generator connecting. If there is sufficient hosting capacity. Application fee- \$5,000 plus GST to conduct various studies and prepare Technical Schedules for the generator, network studies, a request to commission and a request for approval to operate. This application process will be the responsibility of the solar installer contractor.

Due to project management costs and Western Power approvals processes, all pricing for final installation has been modelled in accordance with the cost schedule on table 5 in line with the pre-STC rebates.

6.4. GRANT FUNDING

At the time of this report, no grant funding was available to local governments in Western Australia to install commercial scale solar PV systems. The introduction of the Energy Transformation Strategy (2020) and the DER roadmap, it anticipated that there might be future opportunities for the City of Albany to obtain funding for battery storage installation and VPP platforms which would assist in phase three of the implementation plan.

7. SOCIAL AND ECONOMIC BENEFITS

The City’s proposed solar PV system project aims to achieve the following objectives and outcomes:

- **Business and Employment:** Continued support to local businesses
- **Community:** demonstrate to the community that the City is committed to ensuring that it transitions to renewable energy and reduce the costs of energy usage at city of Albany facilities
- **Environment:** reduce GHG emissions and ecological footprint

Overall, the expected key benefits are as follows:

Description		Key Benefits
Local Business	Local jobs	<ul style="list-style-type: none"> ▪ utilisation of local companies and personnel ▪ stimulate the local economy
Environment	Reduce carbon footprint and fossil fuel use	<ul style="list-style-type: none"> ▪ improved air quality ▪ reduce the dependency on fossil fuel
Community	Community strategic Plan 'Clean, Green & Sustainable'	<ul style="list-style-type: none"> ▪ Lower energy bills

8. SUMMARY

To increase the City’s renewable energy commitment in line with the City of Albany’s aspiration to become Clean, Green and Sustainable, to achieve 100% corporate renewable energy, two integrated renewable energy feasibility studies, conducted in 2019.

The integrated renewable energy feasibility studies identified a number of energy reduction and renewable energy generation initiatives including energy efficiency, tariff optimisation and the installation of roof top solar PV. Energy efficiency recommendations such as lighting upgrades have already been included as part of the City’s asset management plans and associated replacement schedules, and tariff

optimisation were completed early 2020 as part of the renewal of the contestable site agreements, in consultation with Synergy and the City's finance team.

It is estimated that a savings of \$140,000 per year from the tariff optimisation and investigation into load data anomalies are realised. Total costs savings will be reviewed again at the conclusion of the 2021/22 financial year once a full 12 months has been completed.

Stand-alone solar PV systems were the most viable renewable energy technologies for City building assets. VPP and battery storage options was not financially viable in the current market and maybe considered again as phase two or three of the project.

There is no external funding available at the time of this report, however there has been some significant changes in the Western Australian energy sector as part the state government COVID recovery plan. Financing of the Solar PV systems has been scheduled as part of the 10-year plan over a 5-year period at a cost of \$1.3 million pre STC discounts plus GST. Annual maintenance costs for bi-annual electrical inspections and panel cleaning, is approximately \$6,000 and will be included as part of the current electrical maintenance contract

DRAFT

City of Albany

Building Report

To : His Worship the Mayor and Councillors
From : Jenny Cobbold - Development Services
Subject : Building Activity – November 2020
Date : 02/12/2020

1. In November 2020, One Hundred and Eleven (111) building permits were issued for building activity worth \$13,703,463.00. This included two (2) Demolition permits and two (2) sign permits.
2. It's brought to Council's attention that these figures included the following building permit # 164819 - New Showroom Office and Workshop: Estimated Value \$1,000,000.00
3. The three (3) attached graphs compare the current activity with the past three (3) fiscal years. The first one compares the amount of decisions made, the second one compares the value of activity, and the third one compares the number of dwellings and units.
4. A breakdown of building activity into various categories is provided in the Building Construction Statistics form.
5. Attached are the details of the permits issued for November, the fifth month of activity in the City of Albany for the financial year 2020/2021.



Jenny Cobbold
Business Support Officer

BUILDING, SIGN & DEMOLITION LICENCES ISSUED UNDER DELEGATED AUTHORITY

Applications determined for November 2020

Application Number	Builder	Description of Application	Street #	Property Description	Street Address	Suburb
164724	TURPS STEEL	PATIO - UNCERTIFIED	61	9	HILL STREET	ALBANY
164771	J BROUWER	DECK & PATIO - UNCERTIFIED	57-59	70	EARL STREET	ALBANY
164719	N & J WIGNALL	NEW DWELLING - UNCERTIFIED	105	202	SPENCER STREET	ALBANY
164780	RYDE BUILDING COMPANY PTY LTD	RE-ROOF OF EXSITING RESIDENTIAL COMPLEX FROM ASBESTOS TO	Unit 1 -46-48	1	VANCOUVER STREET	ALBANY
164782	ALBANY SCAFFOLD HIRE	SCAFFOLD PERMIT	112-140	S27 S28 123 9 76 75	STIRLING TERRACE	ALBANY
164786	GREAT SOUTHERN BOUNDARIES	RETAINING WALL - UNCERTIFIED	176	201	GREY STREET WEST	ALBANY
164811	OCCUPANCY PERMIT	TEMPORARY OCCUPANCY PERMIT - ASSEMBLY BUILDING ART GALLERY & MULTI-FUNCTION HALL WITH STAGE - RAMP - CERTIFIED	217	S112	YORK STREET	ALBANY
164817	WAUTERS ENTERPRISES PTY LTD		239-259	1374	YORK STREET	ALBANY
164836	WREN (WA) PTY LTD	FRONT FENCE AND GATE - UNCERTIFIED	165-167	121	SERPENTINE ROAD	ALBANY
164715	PLUNKETT HOMES (1903) PTY LTD	NEW DWELLING & RETAINING WALLS - UNCERTIFIED	12	9	BARAMBAH CIRCUIT	BAYONET HEAD
164717	WA COUNTRY BUILDERS	NEW DWELLING - UNCERTIFIED	3	16	BARAMBAH CIRCUIT	BAYONET HEAD
164739	RYDE BUILDING	SITE 116 - NEW MANUFACTURED	20	501	ALISON PARADE	BAYONET HEAD
164743	PLUNKETT HOMES (1903) PTY LTD	NEW DWELLING - UNCERTIFIED	11	671	MCCARDELL CRESCENT	BAYONET HEAD
164777	MATSON FABRICATIONS	SHED - UNCERTIFIED	5	602	WARRANGOO ROAD	BAYONET HEAD
164785	SERENITAS COMMUNITIES	CARPORT UNCERTIFIED SITE 182 - UNCERTIFIED	20	501	ALISON PARADE	BAYONET HEAD
164773	WA COUNTRY BUILDERS PTY LTD	NEW DWELLING - UNCERTIFIED	30	40	BARAMBAH CIRCUIT	BAYONET HEAD
164766	RYDE BUILDING COMPANY PTY LTD	NEW DWELLING - UNCERTIFIED	2	14	BARAMBAH CIRCUIT	BAYONET HEAD
164776	RYDE BUILDING COMPANY PTY LTD	NEW DWELLING - UNCERTIFIED	22	650	MCCARDELL CRESCENT	BAYONET HEAD
164726	OCCUPANCY PERMIT	OCCUPANCY PERMIT - GROUNDS MAINTENANCE SHED - CERTIFIED	51-67	735	BARKER ROAD	CENTENNIAL PARK
164810	TARGET COMMERCIAL INTERIORS & BUILDING	SHOP FITOUT - AMPLIFON ALBANY - SHOP 21 - CERTIFIED	42-88	105 104	ALBANY HIGHWAY	CENTENNIAL PARK
164759	REALFORCE PTY LTD	ALTERATIONS & ADDITIONS TO EXISTING BUILDING - CHANGE OF	4	5	SANFORD ROAD	CENTENNIAL PARK
164720	ME JORDAN	RE-ROOF TILE TO TIN - UNCERTIFIED	177	125	COLLINGWOOD ROAD	COLLINGWOOD HEIGHTS
164816	THWAITES LIMESTONE CONSTRUCTION	RETAINING WALL - UNCERTIFIED	47	182	ECLIPSE DRIVE	COLLINGWOOD HEIGHTS
164730	D & A HOLLAND	BOUNDARY WALL - CERTIFIED	57	14	BARRY COURT	COLLINGWOOD
164767	BUILDING APPROVAL	BUILDING APPROVAL CERTIFICATE -	220-226	340	WRIGHT STREET	COLLINGWOOD
164808	HA WIGHT	EXISTING TEMPORARY SEA CONTAINER TO PERMANET USE -	131	214	PARKER BROOK ROAD	DROME
164747	DOWNRITE DEMOLITION	DEMOLITION OF EXISTING DWELLING & ATTACHED EXTERNAL	35	1050	BEDWELL STREET	EMU POINT
164842	CITY OF ALBANY -	NEW SIGN SHELTER - CERTIFIED	1	PT1461	MERMAID AVENUE	EMU POINT
164716	PLUNKETT HOMES (1903)	NEW DWELLING - UNCERTIFIED	5	223	BURVILL ROAD	GLEDHOW
164734	J & TW DEKKER PTY LTD	AMENDMENT TO BUILDING PERMIT	4	677	CARTER STREET	GLEDHOW
164750	WA COUNTRY BUILDERS	NEW DWELLING - UNCERTIFIED	73	620	LITTLE OXFORD STREET	GLEDHOW

REPORT ITEM DIS 243 REFERS

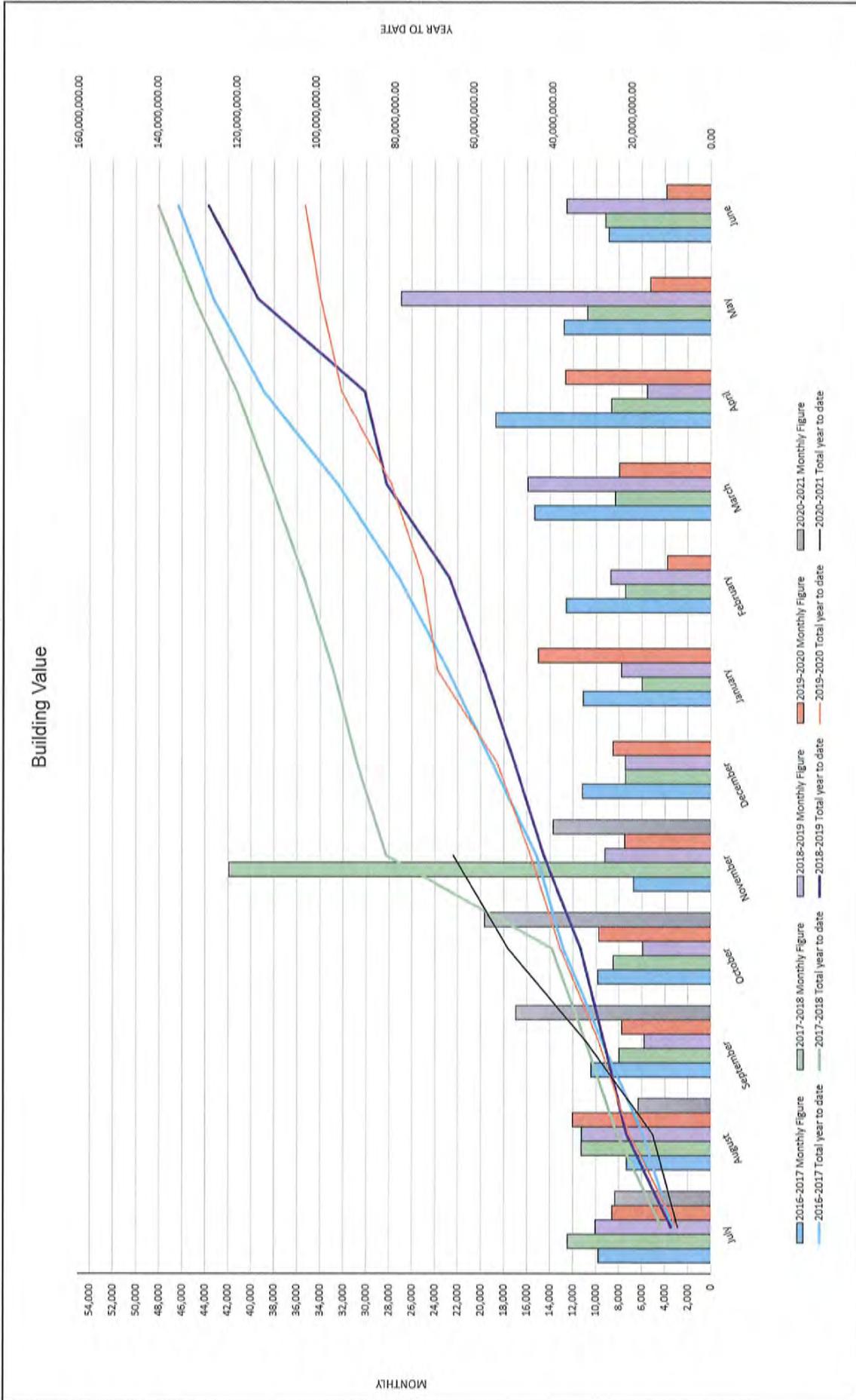
Application Number	Builder	Description of Application	Street #	Property Description	Street Address	Suburb
164755	HOME GROUP WA GREAT SOUTHERN PTY	NEW DWELLING - UNCERTIFIED		9024	LITTLE OXFORD STREET	GLEDHOW
164751	M & G GUNN PTY LTD	STORAGE UNITS X 8 TOILET & WATER TANK - CERTIFIED	159	18	CUMING ROAD	GLEDHOW
164775	NEW HORIZON HOMES	NEW DWELLING - UNCERTIFIED	83	625	LITTLE OXFORD	GLEDHOW
164815	MCB CONSTRUCTION PTY LTD	AMENDMENT TO BUILDING PERMIT 164594 - REAR SETBACK CHANGED	4	677	CARTER STREET	GLEDHOW
164712	POCOCK BUILDING	NEW DWELLING & WATER TANK -	45	15	MYOLA DRIVE	KALGAN
164757	RYDE BUILDING	NEW DWELLING & WATER TANK -	432	1	DOUGLAS ROAD	KALGAN
164764	BRADLEY DAVIS HOOK	AMENDMENT TO BUILDING PERMIT	2	8	KALGONAK LANE	KALGAN
164813	L DAVIDSON	NEW DWELLING - CERTIFIED	92	1	HUNTON ROAD	KALGAN
164807	MD BEATON	CARPORT - UNCERTIFIED	144	12	MOUNT BOYLE ROAD	KALGAN
164837	MCPHERSON J	NEW PARKHOME - SITE 3	247	31	NANARUP ROAD	KALGAN
164762	D TUCKER	SHED - UNCERTIFIED	9	152	MANYAT PLACE	KING RIVER
164686	BUILDING APPROVAL CERTIFICATE	BUILDING APPROVAL CERTIFICATE - RETAINING WALL - CERTIFIED	162	1001	CHESTER PASS ROAD	LANGE
164752	M CONSTRUCTION (WA) PTY LTD	RELOCATION OF EXISTING PYLON SIGN AND NEW PYLON SIGN	162	1001	CHESTER PASS ROAD	LANGE
164725	RYDE BUILDING COMPANY PTY LTD	NEW DWELLING - UNCERTIFIED	31	205	STIRLING VIEW DRIVE	LANGE
164765	RYDE BUILDING COMPANY PTY LTD	NEW DWELLING - UNCERTIFIED	3D	2	STIRLING VIEW DRIVE	LANGE
164832	OCCUPANCY PERMIT	TEMPORARY OCCUPANCY PERMIT - BUNNINGS WAREHOUSE BUILDING - CERTIFIED	162	1001	CHESTER PASS ROAD	LANGE
164760	CP CAFFERATA	SHED - UNCERTIFIED	107	1	BAY VIEW DRIVE	LITTLE GROVE
164731	PLUNKETT HOMES (1903) PTY LTD	NEW DWELLING - UNCERTIFIED	38	106	GROVE STREET WEST	LITTLE GROVE
164789	GREAT SOUTHERN BOUNDARIES	RETAINING WALL - UNCERTIFIED	15	474	DRUMMOND STREET	LOCKYER
164718	WA COUNTRY BUILDERS	NEW DWELLING - UNCERTIFIED	43	81	CUMBERLAND ROAD	LOWER KING
164784	MCB CONSTRUCTION	SHED - UNCERTIFIED		156	SHELL BAY ROAD	LOWER KING
164625	KM MATSON	RETAINING WALLS - UNCERTIFIED	83	90	ELIZABETH STREET	LOWER KING
164723	RANTAM PTY LTD	SHED - UNCERTIFIED	38	540	BERRIMA ROAD	MARBELUP
164746	D BOULESCU	NEW DWELLING - UNCERTIFIED		166	LOWANNA DRIVE	MARBELUP
164803	WA COUNTRY BUILDERS	NEW DWELLING - UNCERTIFIED		534	AJANA DRIVE	MARBELUP
164710	RYDE BUILDING COMPANY PTY LTD	NEW DWELLING - UNCERTIFIED	110	4	RADIATA DRIVE	MCKAIL
164763	PLUNKETT HOMES (1903) PTY LTD	NEW DWELLING - UNCERTIFIED	11	208	PEGASUS BOULEVARD	MCKAIL
164768	WA COUNTRY BUILDERS	NEW DWELLING - UNCERTIFIED	9	11	HANKINS WAY	MCKAIL
164778	RANBUILD GREAT SOUTHERN	SHED - UNCERTIFIED	28	752	ORION AVENUE	MCKAIL
164804	CREATIONS HOMES PTY LTD	ALTERATIONS & REPAIRS TO EXISTING DWELLING - CERTIFIED	625	17 18	ALBANY HIGHWAY	MCKAIL
164781	R RELOS	NEW PATIO - UNCERTIFIED	18	749	STODDART CORNER	MCKAIL
164812	J & TW DEKKER PTY LTD	NEW DWELLING - UNCERTIFIED	55	203	CELESTIAL DRIVE	MCKAIL
164711	RYDE BUILDING COMPANY PTY LTD	NEW DWELLING - UNCERTIFIED	108	3	RADIATA DRIVE	MCKAIL

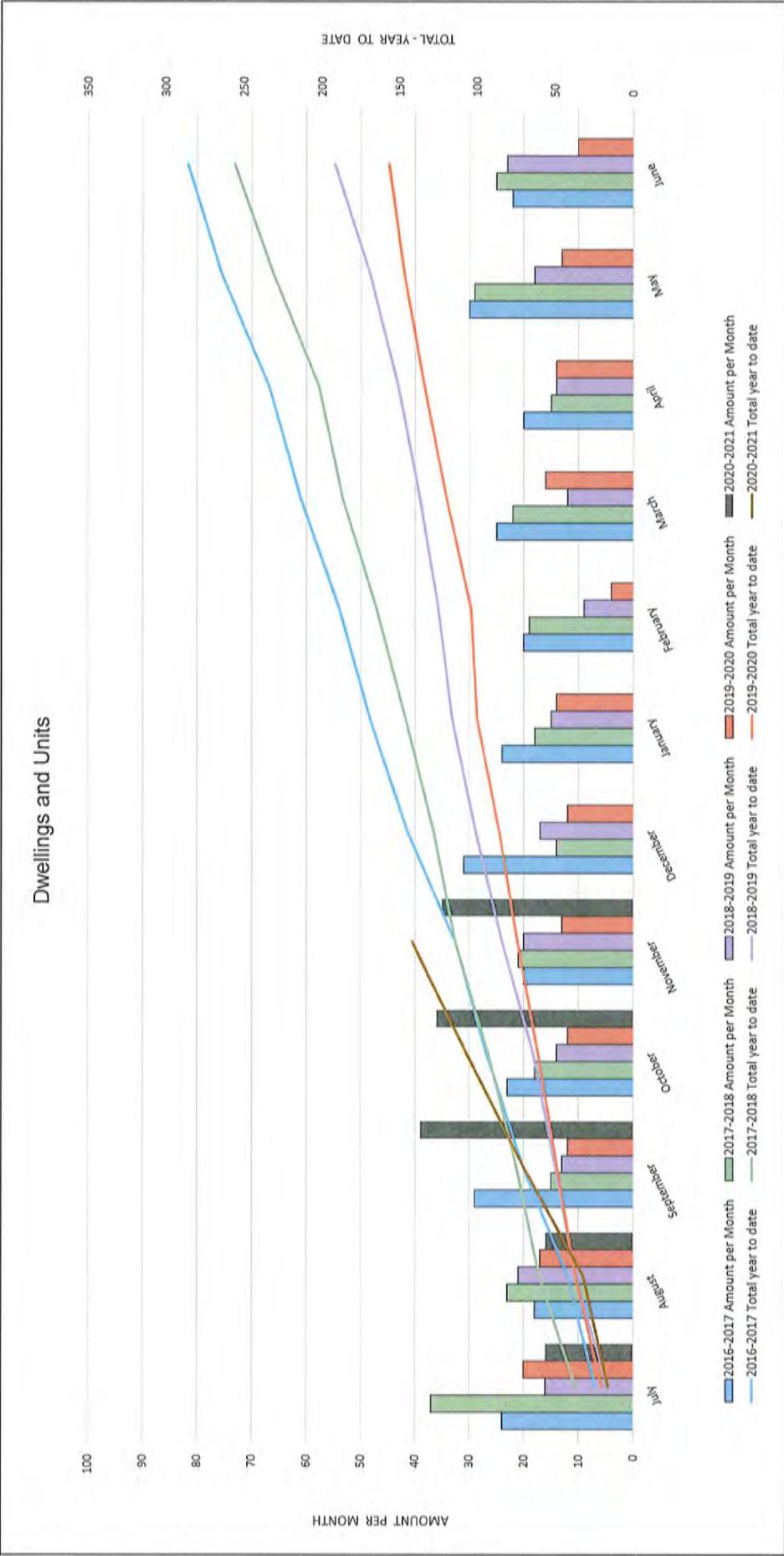
REPORT ITEM DIS 243 REFERS

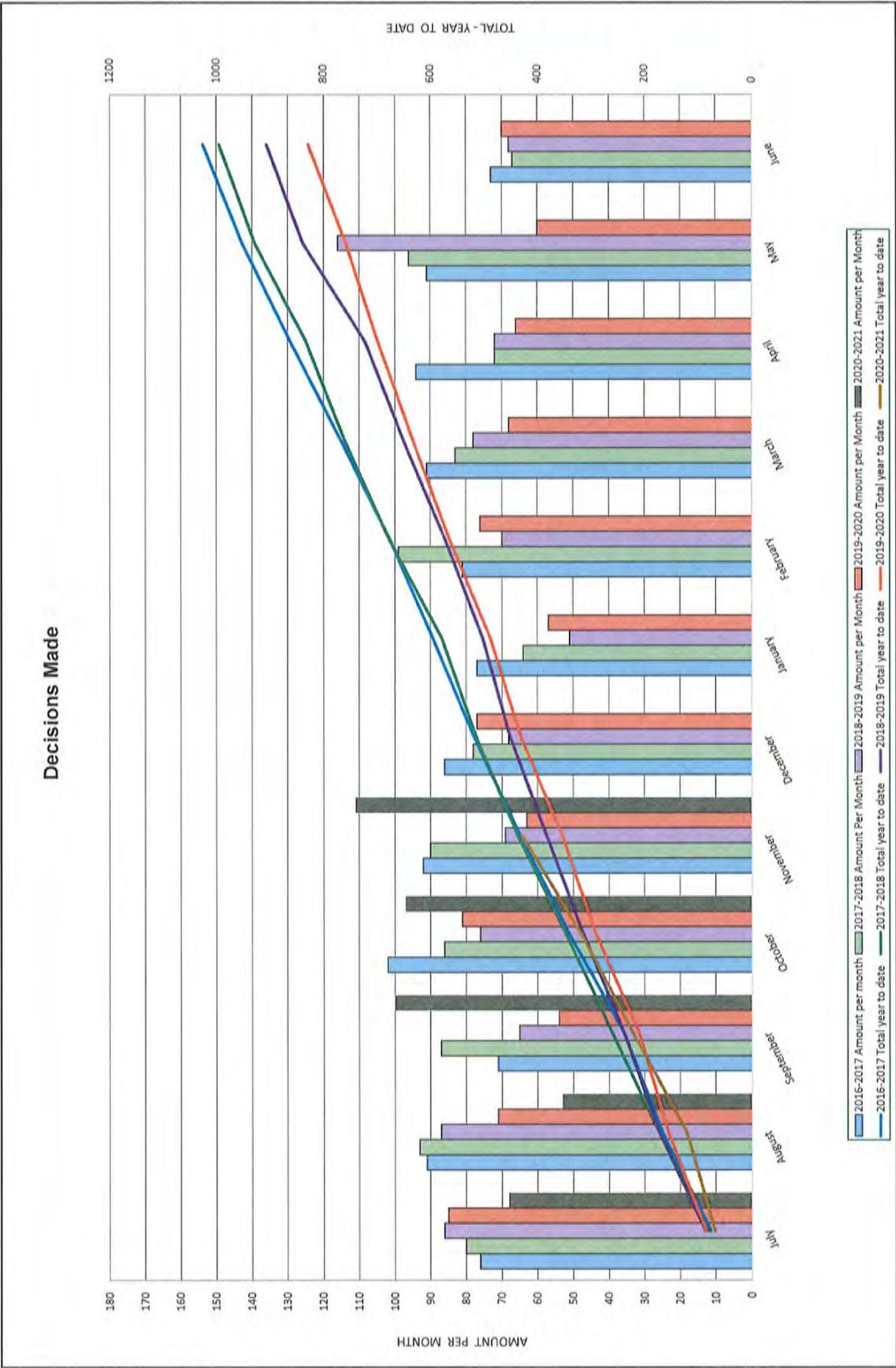
Application Number	Builder	Description of Application	Street #	Property Description	Street Address	Suburb
164758	M CLAUGHTON	RETAINING WALL - UNCERTIFIED	13	207	PEGASUS BOULEVARD	MCKAIL
164729	DJ BENSON	RETAINING WALL - UNCERTIFIED	31A	2	GOLF LINKS ROAD	MIDDLETON BEACH
164820	J & S CASTLEHOW ELECTRICAL SERVICES	STAGE 2 - MULTIPOLES X 6 - CERTIFIED	2	651 502	FLINDERS PARADE	MIDDLETON BEACH
164821	MERAKI BUILDING WA - J LEVITZKE	REPLACE EXISTING RETAINING WALL AND NEW RETAINING WALL -	47	58	WYLIE CRESCENT	MIDDLETON BEACH
164714	DUNKELD CONSTRUCTION PTY	STORAGE SHED - CERTIFIED	189	868	CHESTER PASS ROAD	MILPARA
164736	WA INSURANCE BUILDERS	RE-ROOF ASBESTOS TO TIN - UNCERTIFIED	6	83	STEPHEN STREET	MILPARA
164806	POCOCK BUILDING	NEW DWELLING SHED & WATER	86	326	HEREFORD WAY	MILPARA
164779	HOME GROUP WA GREAT SOUTHERN PTY LTD	NEW DWELLING & RETAINING WALL - UNCERTIFIED	188	118	MIDDLETON ROAD	MIRA MAR
164643	SCHLAGER BUILDING SERVICES PTY LTD	NEW TWO STOREY DWELLING - CERTIFIED	1	44	HANOVER PLACE	MOUNT CLARENCE
164805	KOSTER'S OUTDOOR PTY LTD	PATIO X 2 AND CAPORT - UNCERTIFIED	86-92	6	FRENCHMAN BAY ROAD	MOUNT ELPHINSTONE
164794	WILDWOOD BUILDING COMPANY PTY LTD	ALTERATIONS & ADDITIONS TO EXISTING DWELLING (STAGE 2) -	271	572	GREY STREET WEST	MOUNT MELVILLE
164829	R MARSHALL	NEW SWIMMING POOL & POOL FENCING - UNCERTIFIED	40	101	BURGOYNE ROAD	MOUNT MELVILLE
164666	M MARSHALL	SHED - UNCERTIFIED	885	144	EDEN ROAD	NULLAKI
164735	E AND L ROOFING AND CONSTRUCTION	PATIO - UNCERTIFIED	29	155	DROME ROAD	ORANA
164740	TURPS STEEL FABRICATIONS	SHED - UNCERTIFIED	92	88	SOUTH COAST HIGHWAY	ORANA
164761	WA COUNTRY BUILDERS PTY LTD	NEW DWELLING - UNCERTIFIED	3	50	LURLINE STREET	ORANA
164769	WAUTERS ENTERPRISES PTY LTD	ALTERATIONS & ADDITIONS TO EXISTING SHOWROOM/OFFICE	400-412	69	ALBANY HIGHWAY	ORANA
164741	MERAKI BUILDING WA - J LEVITZKE	PATIO - UNCERTIFIED	75-79	28	CARBINE STREET	ORANA
164819	WAUTERS ENTERPRISES PTY LTD	NEW SHOWROOM OFFICE & WORKSHOP - CERTIFIED	400-412	69	ALBANY HIGHWAY	ORANA
164728	D COOMBE & A NESBITT	SHED - UNCERTIFIED	13	5	MONROE COURT	ROBINSON
164801	TANKMAN MOUNT BARKER	WATER TANK - UNCERTIFIED	270	153	FRENCHMAN BAY ROAD	ROBINSON
164822	B TROUCHET	DEMOLITION PERMIT - DISMANTLE EXISTING SHED READY FOR RELOCATION	52	51	RACECOURSE ROAD	ROBINSON
164823	B TROUCHET	RELOCATED SHED - UNCERTIFIED	270	84	ROBERTS ROAD	ROBINSON
164753	RANBUILD GREAT SOUTHERN	CARPORT X 2 - UNCERTIFIED	26	93	BELLINGHAM STREET	SPENCER PARK
164809	RANBUILD GREAT SOUTHERN	SHED - UNCERTIFIED	14	91	DAVID STREET	SPENCER PARK
164748	G STUBBER	PATIO - UNCERTIFIED	100	84	HILLMAN STREET	SPENCER PARK
164772	B KEATLEY	SKILLION ROOF FREE STANDING PATIO - UNCERTIFIED	40	6261	BAY VIEW DRIVE	TORNDIRRUP
164824	RYDE BUILDING	NEW DWELLING - UNCERTIFIED	389	251	FRENCHMAN BAY	TORNDIRRUP
164727	ALBANY SHED BUILDERS	SHED EXTENSION - UNCERTIFIED	38	116	RANDELL CRESCENT	WARRENUP

REPORT ITEM DIS 243 REFERS

Application Number	Builder	Description of Application	Street #	Property Description	Street Address	Suburb
164792	M TREVENEN	PATIO - UNCERTIFIED	40	501	HENRY STREET	WARRENUP
164796	TJ & WE BRADE	SINGLE HOUSE - UNCERTIFIED	97	54	WARRENUP PLACE	WARRENUP
164738	R WILLIAMS & KE DOWNHAM	SHED - UNCERTIFIED	20	713	VOKES COURT	WILLYUNG
164756	MCB CONSTRUCTION PTY LTD	SHED - UNCERTIFIED		830	GREENWOOD DRIVE	WILLYUNG
164722	TRABS CONSTRUCTIONS T/AS RANBUILD GREAT	GARAGE - UNCERTIFIED	2A	76	PEARL STREET	YAKAMIA
164694	HOME GROUP WA GREAT SOUTHERN PTY LTD	NEW DWELLING - UNCERTIFIED	43	760	GALLE STREET	YAKAMIA
164732	KOSTER'S OUTDOOR PTY LTD	PATIO TO EXISTING ANCILLARY ACCOMMODATION - UNCERTIFIED	32	37	LESLIE STREET	YAKAMIA
164733	RYDE BUILDING COMPANY PTY LTD	NEW DWELLING - UNCERTIFIED	106	697	HUDSON ROAD	YAKAMIA
164713	HOME GROUP WA GREAT SOUTHERN PTY LTD	NEW DWELLING - UNCERTIFIED	56	2	SYDNEY STREET	YAKAMIA
165754	IRONMONGER BUILDING COMPANY	NEW DWELLING - UNCERTIFIED	26	728	GALLE STREET	YAKAMIA
164745	KOSTER'S OUTDOOR PTY LTD	SHED - UNCERTIFIED	57	13	SYDNEY STREET	YAKAMIA
164791	KOSTER'S OUTDOOR PTY LTD	PATIO - UNCERTIFIED	2	6	ARDEANA CRESCENT	YAKAMIA
164774	JD PETTITT	ALTERATION & ADDITION TO ANCILLARY HOUSE - UNCERTIFIED	27	28	SYDNEY STREET	YAKAMIA
164825	KOSTER'S OUTDOOR PTY LTD	PATIO - UNCERTIFIED	12	648	GREVILLEA WAY	YAKAMIA
164826	A SMITHSON	PATIO - UNCERTIFIED	7	540	COOPER WAY	YAKAMIA
164841	G BAILEY	ALTERATIONS/ ADDITIONS TO EXISTING DWELLING - STOREROOM AND DECK - UNCERTIFIED	34	83	BOND ROAD	YAKAMIA







CITY OF ALBANY
 BUILDING CONSTRUCTION STATISTICS FOR 2020 - 2021

2020-2021	SINGLE DWELLING		GROUP DWELLING		DOMESTIC/ OUTBUILDINGS		ADDITIONS/ DWELLINGS		HOTEL/ MOTEL		NEW COMMERCIAL		ADDITIONS/ COMMERCIAL		OTHER		TOTAL \$ VALUE	
	No	\$ Value	No	\$ Value	No	\$ Value	No	\$ Value	No	\$ Value	No	\$ Value	No	\$ Value	No	\$ Value		
JULY	15	3,127,460	1	335,000	16	18	483,529	19	1,804,078			1	2383700	2	60,000	12	137,450	8,331,217
AUGUST	16	5,047,213			16	14	702,249	14	520,777							9	69,828	6,340,067
SEPTEMBER	39	12,478,578			39	16	449,049	30	1,595,838					1	30,000	9	2,391,040	16,944,505
OCTOBER	35	10,191,230	1	95,000	36	13	369,515	25	1,339,843			1	7,222,143	1	2,000	12	456,582	19,676,313
NOVEMBER	35	10,312,455			35	15	544,143	29	1,287,465			2	1,125,000			15	434,400	13,703,463
DECEMBER																		0
JANUARY																		0
FEBRUARY																		0
MARCH																		0
APRIL																		0
MAY																		0
JUNE																		0
TOTAL TO DATE	140	41,156,936	2	430,000	142	76	2,548,485	117	6,548,001	0	0	4	10,730,843	4	92,000	57	3,489,300	64,995,565

CITY OF ALBANY

REPORT

To : His Worship the Mayor and Councillors
From : Business Support Officer
Subject : Development Application Approvals – November 2020
Date : 2 December 2020

1. The attached report shows Development Application Approvals issued under delegation by a planning officer for the month of November 2020.
2. Within this period 90 Development applications were determined, of these;
 - 87 Development applications were approved under delegated authority;
 - 3 Development application was approved by Council;



Jenny Cobbold
Business Support Officer

Application Number	Application Date	Street Address	Locality	Description of Application	Decision	Decision Date	Assessing Officer
P2200078	25/02/2020	135 York Street	Albany	Market	Approved	11/11/2020	Dylan Ashboth
P2200450	24/09/2020	Cliff Way	Albany	Single House - Additions	Delegate Approved	18/11/2020	Jessica Anderson
P2200489	7/10/2020	Grey Street West	Albany	Single House - Retaining Wall	Delegate Approved	6/11/2020	Jessica Anderson
P2200501	13/10/2020	Stirling Terrace	Albany	Club - Additions	Delegate Approved	11/11/2020	Dylan Ashboth
P2200508	14/10/2020	Stirling Terrace	Albany	Hotel - Additions	Delegate Approved	23/11/2020	Jessica Anderson
P2200514	16/10/2020	Serpentine Road	Albany	Single House - Front Fence & Gate	Delegate Approved	20/11/2020	Jessica Anderson
P2200516	19/10/2020	Grey Street West	Albany	Single House - Additions (Re-roof & External Paint)	Delegate Approved	26/11/2020	Dylan Ashboth
P2200529	22/10/2020	Proudlove Parade	Albany	Restaurant - Additions & Alterations	Delegate Approved	6/11/2020	Dylan Ashboth
P2200535	26/10/2020	Parade Street	Albany	Museum - Additions (NBN Upgrade)	Delegate Approved	24/11/2020	Dylan Ashboth
P2200586	10/11/2020	Serpentine Road	Albany	Student Housing - Additions (NBN Upgrade)	Delegate Approved	26/11/2020	Dylan Ashboth
P2200513	16/10/2020	Franklin Court	Bayonet Head	Single House - Additions	Delegate Approved	3/11/2020	Jessica Anderson
P2200550	28/10/2020	Barambah Circuit	Bayonet Head	Single House	Delegate Approved	16/11/2020	Jessica Anderson
P2200572	4/11/2020	Oyster Heights	Bayonet Head	Single House & Retaining Wall	Delegate Approved	17/11/2020	Jessica Anderson
P2200574	5/11/2020	Bayonet Head Road	Bayonet Head	Single House - Outbuilding	Delegate Approved	30/11/2020	Jessica Anderson
P2200439	18/09/2020	Humphrey Road	Big Grove	Holiday House	Delegate Approved	24/11/2020	Dylan Ashboth
P2200438	17/09/2020	Sanford Road	Centennial Park	Fast Food Outlet	Delegate Approved	17/11/2020	Dylan Ashboth
P2200536	26/10/2020	Albany Highway	Centennial Park	Office - Addition (1x Outbuilding & 2x Outbuilding Extensions)	Delegate Approved	5/11/2020	Jessica Anderson
P2200601	11/11/2020	Nakina Street	Centennial Park	Built Strata	Approved	17/11/2020	Joanne Wardell-Johnson
P2200488	7/10/2020	Baxteri Road	Cheynes	Development - Earthworks	Delegate Approved	18/11/2020	Jessica Anderson

Application Number	Application Date	Street Address	Locality	Description of Application	Decision	Decision Date	Assessing Officer
P2200520	19/10/2020	Breaksea Crescent	Collingwood Heights	Single House	Delegate Approved	11/11/2020	Jessica Anderson
P2200509	15/10/2020	Barry Court	Collingwood Park	Single House	Delegate Approved	10/11/2020	Jessica Anderson
P2200532	23/10/2020	Woodides Road	Elleker	Single House & Water Tank	Delegate Approved	12/11/2020	Jessica Anderson
P2200457	29/09/2020	Bedwell Street	Emu Point	Holiday House	Delegate Approved	26/11/2020	Jessica Anderson
P2200533	23/10/2020	Jackson Street	Emu Point	Single House	Delegate Approved	18/11/2020	Jessica Anderson
P2200547	27/10/2020	Austin Road	Goode Beach	Single House - Outbuilding	Delegate Approved	30/11/2020	Jessica Anderson
P2200375	21/08/2020	South Coast Highway	Green Range	Animal Husbandry - Intensive	Delegate Approved	17/11/2020	Jessica Anderson
P2200515	19/10/2020	Lesueur View	Kalgan	Single House	Delegate Approved	4/11/2020	Jessica Anderson
P2200519	19/10/2020	Hunton Road	Kalgan	Single House Outbuilding & Water Tank	Delegate Approved	11/11/2020	Jessica Anderson
P2200568	3/11/2020	Glenelg Drive	Kalgan	Single House Outbuilding and Water Tank (Lot 106)	Delegate Approved	24/11/2020	Jessica Anderson
P2200584	9/11/2020	Lesueur View	Kalgan	Single House & Water Tank	Delegate Approved	19/11/2020	Jessica Anderson
P2200589	10/11/2020	Glenelg Drive	Kalgan	Single House and Water Tank (Lot 110)	Delegate Approved	24/11/2020	Jessica Anderson
P2200604	13/11/2020	Nanarup Road	Kalgan	Caravan Park - Addition (Park Home)	Delegate Approved	20/11/2020	Jessica Anderson
P2200613	17/11/2020	Myola Drive	Kalgan	Single House & Water Tank	Delegate Approved	24/11/2020	Jessica Anderson
P2200159	5/05/2020	Greatrex Road	King River	Animal Husbandry - Intensive (Egg Production)	Approved	11/11/2020	Dylan Ashboth
P2200428	14/09/2020	Manyat Place	King River	Single House - Outbuilding & Approval of Existing Development - Single House - Outbuilding	Delegate Approved	2/11/2020	Jessica Anderson
P2200447	23/09/2020	Chester Pass Road	King River	Single House - Additions	Delegate Approved	18/11/2020	Jessica Anderson
P2200530	22/10/2020	Vaughan Vista	Lange	Single House - Additions	Delegate Approved	18/11/2020	Jessica Anderson

Application Number	Application Date	Street Address	Locality	Description of Application	Decision	Decision Date	Assessing Officer
P2200526	22/10/2020	Bay View Drive	Little Grove	Single House - Retaining Wall	Delegate Approved	17/11/2020	Jessica Anderson
P2200455	29/09/2020	Drummond Street	Lockyer	Single House - Retaining Wall	Delegate Approved	6/11/2020	Jessica Anderson
P2200458	29/09/2020	Shell Bay Road	Lower King	Single House - Additions & Ancillary Dwelling	Delegate Approved	4/11/2020	Jessica Anderson
P2200478	2/10/2020	Shell Bay Road	Lower King	Single House - Outbuilding	Delegate Approved	5/11/2020	Jessica Anderson
P2200503	13/10/2020	Elizabeth Street	Lower King	Development - Retaining Walls	Delegate Approved	3/11/2020	Jessica Anderson
P2200512	15/10/2020	Meadowlake Vista	Lower King	Single House	Delegate Approved	10/11/2020	Jessica Anderson
P2200577	5/11/2020	King River Drive	Lower King	Approval of Existing Development - Ancillary Dwelling	Delegate Approved	6/11/2020	Jessica Anderson
P2200626	23/11/2020	Nambucca Rise	Lower King	Single House	Delegate Approved	30/11/2020	Jessica Anderson
P2200187	19/05/2020	Tennessee Road North	Lowlands	Animal Husbandry - Intensive (Egg Production)	Delegate Approved	23/11/2020	Jessica Anderson
P2200337	5/08/2020	Tennessee Road South	Lowlands	Single House - Outbuildings Cottage extension and water tanks	Delegate Approved	2/11/2020	Jessica Anderson
P2200590	11/11/2020	Green Street	Manypeaks	Single House - Additions	Delegate Approved	24/11/2020	Jessica Anderson
P2200525	21/10/2020	Laithwood Circuit	Marbelup	Single House	Delegate Approved	2/11/2020	Jessica Anderson
P2200534	23/10/2020	Berrima Road	Marbelup	Single House & Outbuilding	Delegate Approved	5/11/2020	Jessica Anderson
P2200553	28/10/2020	Link Road	Marbelup	Single House (Lot 523)	Delegate Approved	10/11/2020	Jessica Anderson
P2200554	28/10/2020	Link Road	Marbelup	Single House (Lot 519)	Delegate Approved	5/11/2020	Jessica Anderson
P2200585	9/11/2020	Link Road	Marbelup	Single House (Lot 522)	Delegate Approved	16/11/2020	Jessica Anderson
P2200596	11/11/2020	Ajana Drive	Marbelup	Single House	Delegate Approved	24/11/2020	Jessica Anderson
P2200618	19/11/2020	Lowanna Drive	Marbelup	Single House	Delegate Approved	27/11/2020	Jessica Anderson
P2200625	23/11/2020	Link Road	Marbelup	Single House (Lot 521)	Delegate Approved	30/11/2020	Jessica Anderson

Application Number	Application Date	Street Address	Locality	Description of Application	Decision	Decision Date	Assessing Officer
P2200540	26/10/2020	Pegasus Boulevard	McKail	Single House	Delegate Approved	5/11/2020	Jessica Anderson
P2200565	2/11/2020	Wylie Crescent	Middleton Beach	Single House - Retaining Wall	Delegate Approved	17/11/2020	Jessica Anderson
P2200578	9/11/2020	Middleton Road	Middleton Beach	Single House	Delegate Approved	26/11/2020	Jessica Anderson
P2200588	10/11/2020	Seppings Street	Middleton Beach	Single House - Additions	Delegate Approved	25/11/2020	Jessica Anderson
P2200541	27/10/2020	Hereford Way	Milpara	Single House Outbuilding & Water Tank	Delegate Approved	12/11/2020	Jessica Anderson
P2200555	28/10/2020	Hereford Way	Milpara	Single House	Delegate Approved	10/11/2020	Jessica Anderson
P2200581	9/11/2020	Hereford Way	Milpara	Single House	Delegate Approved	23/11/2020	Jessica Anderson
P2200346	10/08/2020	Drew Street	Mira Mar	Single House	Delegate Approved	6/11/2020	Dylan Ashboth
P2200459	29/09/2020	Beauchamp Street	Mira Mar	Development - Museum (Signs x13)	Delegate Approved	26/11/2020	Dylan Ashboth
P2200506	14/10/2020	Quokka Place	Mira Mar	Single House	Delegate Approved	6/11/2020	Jessica Anderson
P2200517	19/10/2020	Middleton Road	Mira Mar	Single House - Retaining Wall	Delegate Approved	20/11/2020	Jessica Anderson
P2200546	27/10/2020	Nelson Street	Mira Mar	Single House - Outbuilding	Delegate Approved	10/11/2020	Jessica Anderson
P2200551	28/10/2020	Greenshields Street	Mira Mar	Grouped Dwelling (x2)	Delegate Approved	17/11/2020	Jessica Anderson
P2200521	19/10/2020	Hanover Place	Mount Clarence	Single House	Delegate Approved	13/11/2020	Dylan Ashboth
P2200504	14/10/2020	Frenchman Bay Road	Mount Elphinstone	Single House - Additions & Outbuilding Additions	Delegate Approved	10/11/2020	Jessica Anderson
P2200369	19/08/2020	Grey Street West	Mount Melville	Single House - Additions & Outbuilding	Delegate Approved	3/11/2020	Dylan Ashboth
P2200531	22/10/2020	Eden Road	Nullaki	Agriculture - Intensive (Outbuilding)	Delegate Approved	18/11/2020	Jessica Anderson
P2200497	12/10/2020	Lurline Street	Orana	Single House	Delegate Approved	5/11/2020	Jessica Anderson

Application Number	Application Date	Street Address	Locality	Description of Application	Decision	Decision Date	Assessing Officer
P2200528	22/10/2020	South Coast Highway	Orana	Single House - Outbuilding	Delegate Approved	2/11/2020	Jessica Anderson
P2200552	28/10/2020	Redmond-Hay River Road	Redmond	Parking of Commercial Vehicles (1x Truck 3x Trailers)	Delegate Approved	17/11/2020	Dylan Ashboth
P2200544	27/10/2020	Allmore Drive	Robinson	Approval of Existing Development - Cut and fill over 500mm	Delegate Approved	17/11/2020	Jessica Anderson
P2200523	21/10/2020	Puls Road	Torbay	Single House - Additions	Delegate Approved	5/11/2020	Jessica Anderson
P2200486	7/10/2020	Bay View Drive	Torndirrup	Recreation - Private (Shelter)	Delegate Approved	5/11/2020	Dylan Ashboth
P2200527	22/10/2020	Kemal Court	Warrenup	Single House	Delegate Approved	2/11/2020	Jessica Anderson
P2200556	29/10/2020	Randell Crescent	Warrenup	Single House	Delegate Approved	12/11/2020	Jessica Anderson
P2200595	11/11/2020	Kendell Court	Warrenup	Single House	Delegate Approved	27/11/2020	Jessica Anderson
P2200314	23/07/2020	Boat Harbour Road	Wellstead	Industry - Extractive	Delegate Approved	18/11/2020	Jessica Anderson
P2200361	17/08/2020	Greenwood Drive	Willyung	Single House - Outbuilding	Delegate Approved	4/11/2020	Dylan Ashboth
P2200543	27/10/2020	Vokes Court	Willyung	Single House - Outbuilding	Delegate Approved	2/11/2020	Jessica Anderson
P2200557	29/10/2020	Greenwood Drive	Willyung	Single House Outbuilding & Water Tank	Delegate Approved	23/11/2020	Jessica Anderson
P2200598	12/11/2020	Vokes Court	Willyung	Single House	Delegate Approved	25/11/2020	Jessica Anderson
P2200542	27/10/2020	Cooper Way	Yakamia	Single House - Additions	Delegate Approved	3/11/2020	Jessica Anderson
P2200549	27/10/2020	Grevillea Way	Yakamia	Single House - Additions	Delegate Approved	13/11/2020	Jessica Anderson
P2200599	12/11/2020	Galle Street	Yakamia	Single House	Delegate Approved	27/11/2020	Jessica Anderson