NOTE 1 STATEMENT OF FINANCIAL ACTIVITY INFORMATION

(a) Non-cash items excluded from operating activities

The following non-cash revenue and expenditure has been excluded from operating activities within the Statement of Financial Activity in accordance with Financial Management Regulation 32.

Non-cash items excluded from operating activities	Notes	Amended Budget	YTD Budget (a)	YTD Actual (b)
		\$	\$	\$
Adjustments to operating activities				
Less: Profit on asset disposals	7	(51,700)	(51,700)	(67,044
Less: Movement in liabilities associated with restricted cash		(1,105,498)	(1,105,498)	
Less: Movement in contract liabilities (non-current to current)		(520)	(520)	
Add: Loss on asset disposals	7	195,500	195,500	53,06
Add: Depreciation on assets		14,047,115	14,047,115	14,578,03
Total non-cash items excluded from operating activities		13,084,897	13,084,897	14,564,06
Adjustments to net current assets in the Statement of Financ	ial Activity			
The following current assets and liabilities have been excluded		Last	This Time	Year
from the net current assets used in the Statement of Financial		Year	Last	to
Activity in accordance with Financial Management Regulation		Closing	Year	Date
32 to agree to the surplus/(deficit) after imposition of general rates	s. ,	30 June 2021	30 June 2021	30 June 2022
Adjustments to net current assets				
Less: Reserves - restricted cash	10	(57,957,775)	(57,957,774)	(46,977,55
Add. Borrowings	0	475 420	175 120	

Add: Borrowings 9 475,420 475,420 0 Add: Provisions - employee 1,508,105 1,508,105 1,508,105 Total adjustments to net current assets (55,974,250) (55,974,249) (45,469,449) (c) Net current assets used in the Statement of Financial Activity **Current assets** Cash and cash equivalents 2 66,833,787 66,833,787 71,717,679 Rates receivables 3 735,549 246,895 631,721 Receivables 3 1,654,034 1,654,034 925,797 Other current assets 4 478,290 158,098 562,292 Less: Current liabilities Payables (1,671,600) 5 (4, 621, 299)4,990,965 Borrowings 9 (475, 420)475,420 0 **Contract liabilities** 11 (9,404,510) 9,404,510 (9,411,852) Provisions 11 (1,508,105)(1,508,105)(1,490,910)(55,974,250) (55,974,249) (45,469,449) Less: Total adjustments to net current assets 1(b) 26,281,355 Closing funding surplus / (deficit) (2,281,924) 15,793,678

CURRENT AND NON-CURRENT CLASSIFICATION

In the determination of whether an asset or liability is current or non-current, consideration is given to the time when each asset or liability is expected to be settled. Unless otherwise stated assets or liabilities are classified as current if expected to be settled within the next 12 months, being the Council's operational cycle.

OPERATING ACTIVITIES NOTE 2 CASH AND FINANCIAL ASSETS

				Total		Interest	Maturity
Description	Classification	Unrestricted	Restricted	Cash	Trust Institutio	n Rate	Date
		\$	\$	\$	\$		
Cash on hand							
WBC	Cash and cash equivalents	28,421,202		28,421,202	Westpac	0.00	On-call
CBA	Cash and cash equivalents	167,485		167,485	CBA	0.00	On-call
Cash on Hand	Cash and cash equivalents	6,000		6,000			Ongoing
WATC	Cash and cash equivalents	0	196,307	196,307	Western Au	stra 0.20	Ongoing
Trust	Cash and cash equivalents	0			251,859 Westpac		Ongoing
WBC	Cash and cash equivalents	10,788,698	27,977,554	38,766,252	Westpac		On-call
Term Deposit	Cash and cash equivalents	0	4,000,000	4,000,000	AMP	1.00	21/06/2022
Term Deposit	Cash and cash equivalents	0	5,000,000	5,000,000	AMP	1.00	14/06/2022
Term Deposit	Cash and cash equivalents		10,000,000	10,000,000	NAB	0.55	9/09/2022
Total		39,383,384	47,173,861	86,557,245	251,859		
Comprising							
Cash and cash equivalents		39,383,384	47,173,861	86,557,245	251,859		
		39,383,384	47,173,861	86,557,245	251,859		

KEY INFORMATION

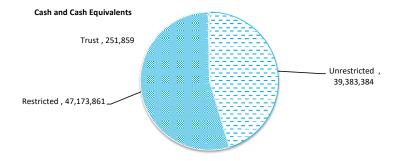
Cash and cash equivalents include cash on hand, cash at bank, deposits available on demand with banks and other short term highly liquid investments highly liquid investments with original maturities of three months or less that are readily convertible to known amounts of cash and which are subject to an insignificant risk of changes in value and bank overdrafts. Bank overdrafts are reported as short term borrowings in current liabilities in the statement of net current assets.

The local government classifies financial assets at amortised cost if both of the following criteria are met:

- the asset is held within a business model whose objective is to collect the contractual cashflows, and

- the contractual terms give rise to cash flows that are solely payments of principal and interest.

Financial assets at amortised cost held with registered financial institutions are listed in this note other financial assets at amortised cost are provided in Note 4 - Other assets.



OPERATING ACTIVITIES

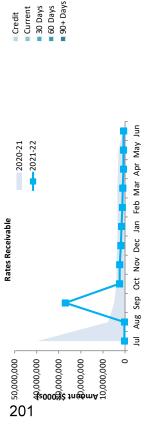
NOTE 3

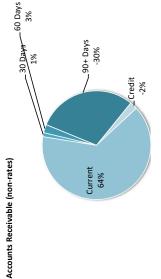
Rates receivable	30 June 2021	30 Jun 2022
	Ŷ	Ŷ
Opening arrears previous years	221,710	631,721
Levied this year	48,594,842	48,594,842
Less - collections to date	(48,184,831)	(48,594,842)
Equals current outstanding	631,721	631,721
Net rates collectable	631,721	631,721
% Collected	98.7%	98.7%

					REC	RECEIVABLES
Receivables - general	Credit	Current	30 Days	60 Days	90+ Days	Total
	Ş	Ŷ	Ŷ	Ŷ	ŵ	Ŷ
Receivables - general	(18,696)	531,376	9,706	20,314	(244,623)	298,076
Percentage	(6.3%)	178.3%	3.3%	6.8%	-82.1%	
Balance per trial balance						
Sundry receivable	(18,696)	531,376	9,706	20,314	(244,623)	298,076
GST receivable		953,252				953,252
Allowance for impairment of receivables					(392,099)	(325,531)
Accrued income						0
Total receivables general outstanding						925,797
Amounts shown above include GST (where applicable)	cable)					

KEY INFORMATION

and other receivables is reviewed on an ongoing basis. Debts that are known to be uncollectible are written off when identified. An allowance for impairment of receivables is raised when there is objective evidence that business. Receivables expected to be collected within 12 months of the end of the reporting period are classified as current assets. All other receivables are classified as non-current assets. Collectability of trade Trade and other receivables include amounts due from ratepayers for unpaid rates and service charges and other amounts due from third parties for goods sold and services performed in the ordinary course of they will not be collectible.





OPERATING ACTIVITIES NOTE 4 OTHER CURRENT ASSETS

	Opening Balance	Asset Increase	Asset Reduction	Closing Balance
Other current assets	1 July 2021			30 June 2022
	\$	\$	\$	\$
Inventory				
Fuel and materials	19,886	738,717	(640,342)	118,261
Tourist Bureau stock	138,212	0	0	138,212
Other current assets				
Prepayments	231,617		0	231,617
Accrued income	88,575		(14,373)	74,202
Total other current assets	478,290	738,717	(654,715)	562,292

KEY INFORMATION

Inventory

Inventories are measured at the lower of cost and net realisable value.

Net realisable value is the estimated selling price in the ordinary course of business less the estimated costs of completion and the estimated costs necessary to make the sale.

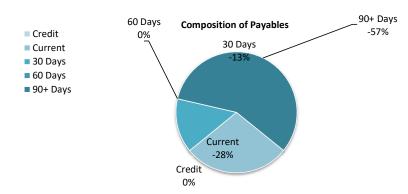
OPERATING ACTIVITIES NOTE 5 Payables

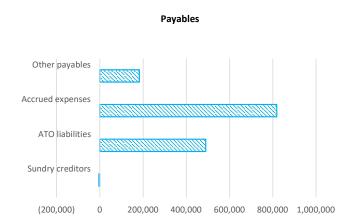
Payables - general	Credit	Current	30 Days	60 Days	90+ Days	Total
	\$	\$	\$	\$	\$	\$
Payables - general	0	(1,288)	(660)	0	(2,609)	(4,557)
Percentage	0%	28.3%	14.5%	0%	57.2%	
Balance per trial balance						
Sundry creditors	0	(1,288)	(660)	0	(2,609)	(4,557)
ATO liabilities		489,577				489,577
Accrued expenses					166,338	818,168
Other payables	0	436,799	(45,875)	(14,719)	(194,322)	182,516
Total payables general outstanding						1,671,600

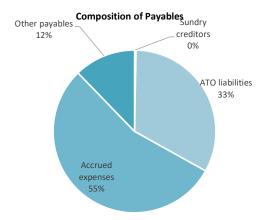
Amounts shown above include GST (where applicable)

KEY INFORMATION

Trade and other payables represent liabilities for goods and services provided to the Shire that are unpaid and arise when the Shire becomes obliged to make future payments in respect of the purchase of these goods and services. The amounts are unsecured, are recognised as a current liability and are normally paid within 30 days of recognition.







NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY

FOR THE PERIOD ENDED 30 JUNE 2022

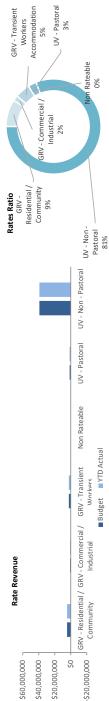
OPERATING ACTIVITIES NOTE 6 RATE REVENUE

General rate revenue					Budget	et			Ë,	YTD Actual	
	Rate in	Number of	Rateable	Rate	Interim	Back	Total	Rate	Interim	Back	Total
	\$ (cents)	Properties	Value	Revenue	Rate	Rate	Revenue	Revenue	Rates	Rates	Revenue
RATE TYPE				Ŷ	Ŷ	Ŷ	Ŷ	Ŷ	Ŷ	ş	ŵ
Gross rental value											
GRV - Residential / Community	0.102360	2,405	43,854,836	4,488,981	33,970	0	4,522,951	4,492,636	3,865	0	4,496,501
GRV - Commercial / Industrial	0.065930	117	12,585,108	829,736	(5,211)	0	824,525	857,163	(5,681)		851,482
GRV - Transient Workers Accommodation	0.131850	22	18,992,860	2,504,209	0	0	2,504,209	2,504,209	1,263	(20,100)	2,485,372
Non Rateable										(107)	(107)
Unimproved value											
UV - Pastoral	0.185000	37	7,036,089	1,301,676		87,589	1,389,265	1,288,726		57,569	1,346,295
UV - Non - Pastoral	0.369570	578	104,658,137	38,678,508	375,336	39,086	39,092,930	38,714,351	348,145	40,607	39,103,103
Sub-Total		3,159	187,127,030	47,803,110	404,095	126,675	48,333,880	47,857,085	347,592	77,969	48,282,646
Minimum payment	Minimum \$										
Gross rental value											
GRV - Residential / Community	1,010	190	921,172	191,900	0	0	191,900	191,900			191,900
GRV - Commercial / Industrial	1,263		520,166	74,517	0	0	74,517	75,780			75,780
GRV - Transient Workers Accommodation	1,263	2	40	2,526	0	0	2,526	2,526			2,526
Unimproved value											
UV - Pastoral	1,263	4	15,329	5,052	0	0	5,052	5,052			5,052
UV - Non - Pastoral	1,263	475	645,584	599,925	0	0	599,925	601,188			601,188
Sub-total		730	2,102,291	873,920	•	•	873,920	876,446	0	0	876,446
Concession							(564,006)				(564,006)
Amount from general rates							48,643,794				48,595,086
Write Offs							0				(244)
Total general rates							48,643,794				48,594,842

KEY INFORMATION

Prepaid rates are, until the taxable event for the rates has occurred, refundable at the request of the ratepayer. Rates received in advance give rise to a financial liability. On 1 July 2021 the prepaid rates were recognised as a financial asset and a related amount was recognised as a financial liability and no income was recognised. When the taxable event occurs

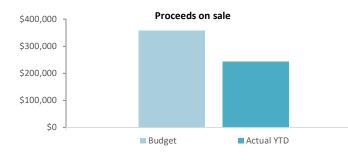
the financial liability is extinguished and income recognised for the prepaid rates that have not been refunded.



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OPERATING ACTIVITIES NOTE 7 DISPOSAL OF ASSETS

				Budget				YTD Actual	
		Net Book				Net Book			
Asset Ref.	Asset description	Value	Proceeds	Profit	(Loss)	Value	Proceeds	Profit	(Loss)
		\$	\$	\$	\$	\$	\$	\$	\$
	Plant and equipment								
PE384	Toyota Hilux	9,580	13,858	4,278	0	9,600	13,858	4,258	0
PE293	Hino 300 Series Crew Cab	21,400	35,489	14,089	0	20,995	35,489	14,494	0
PE307	Hayko Citymaster		0	0	0	0	0	0	0
PE339	Hiace Van	10,020	23,591	13,571	0	10,034	23,591	13,557	0
PE497	Toyota Fortuner	28,390	27,000	0	(1,390)	0	0	0	0
PE247	Hino 300 series tipper	15,450	32,500	17,050	0	15,525	31,482	15,957	0
PE329	Hino 300 series Tipper	47,240	35,682	0	(11,558)	47,436	34,567	0	(12,869)
PE294	Hino 300 Series Crew Cab	20,600	25,000	4,400	0	20,400	34,167	13,767	0
PE414	Hino FM Rear Loader refuse truck	231,870	65,000	0	(166,870)	0	0	0	0
PE413	Hilux 4x4 T/D D/C	15,790	30,000	14,210	0	0	0	0	0
PE563	Toyota Fortuner	0	0	0	0	38,281	0	0	(38,281)
PE570	Toyota Prado Kakadu (Psw96)		70,000			64,990	70,000	5,010	0
	Profit / Loss adjustment			(15,898)	(15,682)				
	Furniture & Equipment								
FE467	OVCP Washing Machines	0	0	0	0	1,920	0	0	(1,920)
		400,340	358,120	51,700	(195,500)	229,181	243,154	67,043	(53,070)

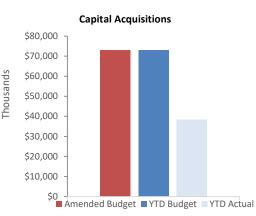


INVESTING ACTIVITIES NOTE 8 CAPITAL ACQUISITIONS

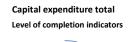
	Ameno	ded		
Capital acquisitions	Budget	YTD Budget	YTD Actual	YTD Actual Variance
	\$	\$	\$	\$
Land Held For Resale - Current	291	291	291	0
Buildings	19,300,155	19,300,155	9,336,334	(9,963,821)
Furniture & Equipment	568,896	568,896	467,808	(101,088)
Plant & Equipment	1,662,672	1,662,672	980,478	(682,194)
Infrastructure Assets - Roads	10,399,229	10,399,229	9,069,746	(1,329,483)
Infrastructure Assets - Footpaths	331,042	331,042	12,724	(318,318)
Infrastructure Assets - Drainage	2,001,830	2,001,830	411,479	(1,590,351)
Infrastructure Assets - Airports	4,974,467	4,974,467	3,978,547	(995,920)
Infrastructure - Parks & Recreation	21,804,699	21,804,699	9,785,019	(12,019,680)
Infrastructure - Town	6,041,185	6,041,185	3,673,100	(2,368,085)
Infrastructure - Waste	233,508	233,508	194,148	(39,360)
Waste (Pilbara Regional Waste Management Facility)	3,989,000	3,989,000	492,945	(3,496,055)
Payments for Capital Acquisitions	72,906,974	72,906,974	38,405,070	(34,501,904)
Total Capital Acquisitions	72,906,974	72,906,974	38,405,070	(34,501,904)
Capital grants and contributions	۶ 25,578,819	۶ 25,578,819		Ş
	\$	\$	\$	\$
Borrowings	23,370,013	23,370,013		(9 261 091)
Donowings	0		16,317,728 0	
Other (disposals & C/Ewd)	0 358 120	0	0	0
Other (disposals & C/Fwd) Cash backed reserves	0 358,120			0
Cash backed reserves	358,120	0 358,120	0 243,154	0 (114,966)
Cash backed reserves Financial risk reserve	358,120 621,752	0	0 243,154 621,752	0 (114,966) 453,452
Cash backed reserves Financial risk reserve Future projects reserve	358,120 621,752 19,179,139	0 358,120	0 243,154 621,752 7,702,937	0 (114,966) 453,452 7,702,937
Cash backed reserves Financial risk reserve	358,120 621,752	0 358,120 168,300	0 243,154 621,752	0 (114,966) 453,452 7,702,937 1,375,268
Cash backed reserves Financial risk reserve Future projects reserve Housing reserve	358,120 621,752 19,179,139 1,850,145 2,114,687	0 358,120 168,300 458,426	0 243,154 621,752 7,702,937 1,833,694 2,107,948	0 (114,966) 453,452 7,702,937 1,375,268 1,822,348
Cash backed reserves Financial risk reserve Future projects reserve Housing reserve Infrastructure reserve Onslow aerodrome reserve	358,120 621,752 19,179,139 1,850,145	0 358,120 168,300 458,426	0 243,154 621,752 7,702,937 1,833,694	0 (114,966) 453,452 7,702,937 1,375,268 1,822,348 2,888,983
Cash backed reserves Financial risk reserve Future projects reserve Housing reserve Infrastructure reserve	358,120 621,752 19,179,139 1,850,145 2,114,687 4,661,224	0 358,120 168,300 458,426	0 243,154 621,752 7,702,937 1,833,694 2,107,948 2,888,983	0 (114,966) 453,452 7,702,937 1,375,268 1,822,348 2,888,983 0
Cash backed reserves Financial risk reserve Future projects reserve Housing reserve Infrastructure reserve Onslow aerodrome reserve Onslow community infrastructure reserve	358,120 621,752 19,179,139 1,850,145 2,114,687 4,661,224 198,337	0 358,120 168,300 458,426 285,600	0 243,154 621,752 7,702,937 1,833,694 2,107,948 2,888,983 0	0 (114,966) 453,452 7,702,937 1,375,268 1,822,348 2,888,983 0 35,534
Cash backed reserves Financial risk reserve Future projects reserve Housing reserve Infrastructure reserve Onslow aerodrome reserve Onslow community infrastructure reserve Plant replacement reserve	358,120 621,752 19,179,139 1,850,145 2,114,687 4,661,224 198,337 1,182,000	0 358,120 168,300 458,426 285,600	0 243,154 621,752 7,702,937 1,833,694 2,107,948 2,888,983 0 780,814	0 (114,966) 453,452 7,702,937 1,375,268 1,822,348 2,888,983 0 35,534 0
Cash backed reserves Financial risk reserve Future projects reserve Housing reserve Infrastructure reserve Onslow aerodrome reserve Onslow community infrastructure reserve Plant replacement reserve Property development reserve	358,120 621,752 19,179,139 1,850,145 2,114,687 4,661,224 198,337 1,182,000 3,039,553	0 358,120 168,300 458,426 285,600 745,280	0 243,154 621,752 7,702,937 1,833,694 2,107,948 2,888,983 0 780,814 0	0 (114,966) 7,702,937 1,375,268 1,822,348 2,888,983 0 35,534 0 (88,192)
Cash backed reserves Financial risk reserve Future projects reserve Housing reserve Infrastructure reserve Onslow aerodrome reserve Onslow community infrastructure reserve Plant replacement reserve Property development reserve RTIO partnership reserve	358,120 621,752 19,179,139 1,850,145 2,114,687 4,661,224 198,337 1,182,000 3,039,553 0	0 358,120 168,300 458,426 285,600 745,280 88,192	0 243,154 621,752 7,702,937 1,833,694 2,107,948 2,888,983 0 780,814 0 0	0 (114,966) 453,452 7,702,937 1,375,268 1,822,348 2,888,983 0 35,534 0 (88,192) (1,972,000)
Cash backed reserves Financial risk reserve Future projects reserve Housing reserve Infrastructure reserve Onslow aerodrome reserve Onslow community infrastructure reserve Plant replacement reserve Property development reserve RTIO partnership reserve Tom Price administration building reserve	358,120 621,752 19,179,139 1,850,145 2,114,687 4,661,224 198,337 1,182,000 3,039,553 0 2,900,000	0 358,120 168,300 458,426 285,600 745,280 88,192 1,972,000	0 243,154 621,752 7,702,937 1,833,694 2,107,948 2,888,983 0 780,814 0 0 0	0 (114,966) 453,452 7,702,937 1,375,268 1,822,348 2,888,983 0 35,534 0 (88,192) (1,972,000) (656,232)
Cash backed reserves Financial risk reserve Future projects reserve Housing reserve Infrastructure reserve Onslow aerodrome reserve Onslow community infrastructure reserve Plant replacement reserve Property development reserve RTIO partnership reserve Tom Price administration building reserve Unspent grant and contribution reserves	358,120 621,752 19,179,139 1,850,145 2,114,687 4,661,224 198,337 1,182,000 3,039,553 0 2,900,000 0	0 358,120 168,300 458,426 285,600 745,280 88,192 1,972,000 656,232	0 243,154 621,752 7,702,937 1,833,694 2,107,948 2,888,983 0 780,814 0 0 0 0 0	(9,261,091) 0 (114,966) 453,452 7,702,937 1,375,268 1,822,348 2,888,983 0 35,534 0 (88,192) (1,972,000) (656,232) (11,247) (37,137,116)

SIGNIFICANT ACCOUNTING POLICIES

All assets are initially recognised at cost. Cost is determined as the fair value of the assets given as consideration plus costs incidental to the acquisition. For assets acquired at no cost or for nominal consideration, cost is determined as fair value at the date of acquisition. The cost of non-current assets constructed by the local government includes the cost of all materials used in the construction, direct labour on the project and an appropriate proportion of variable and fixed overhead. Certain asset classes may be revalued on a regular basis such that the carrying values are not materially different from fair value. Assets carried at fair value are to be revalued with sufficient regularity to ensure the carrying amount does not differ materially from that determined using fair value at reporting date.



INVESTING ACTIVITIES NOTE 8 CAPITAL ACQUISITIONS (CONTINUED)





Level of completion ind	icator, please see table at the end of this note for further detail.	Amen			
			Year to		
		Current	Date	Year to	Variance
	Account Description	Budget	Budget	Date Actual	(Under)/Ov
Land					
New - Land					
22232	Lot 681 Shanks Road	1,600,000	1,600,000	2,450	(1,597,5
Land Total		1,600,000	1,600,000	2,450	(1,597,55
Buildings					
New - Buildings					
22015	Administration Centre Construction - Tom Price	2,900,000	2,900,000	0	(2,900,0
22096	Administration Centre Handrail - Onslow	213,730	213,730	206,178	(7,5
22019	Cat Impound Facility - Onslow	41,000	41,000	0	(41,0
22020	Cat Impound Facility - Tom Price	41,000	41,000	26,995	(14,0
21017	Child Care Facility - Tom Price	5,504,000	5,504,000	2,681,372	(2,822,6
22040	Cultural Centre - Onslow	2,000,000	2,000,000	1,381,265	(618,7
22078	Depot Exit Gate Automation - Onslow	0	0	0	
21023	Emergency Services Facility - Tom Price	3,916,000	3,916,000	1,016,015	(2,899,9
BN000	Staff Housing - Locations to be Advised	166,105	166,105	35,349	(130,7
BN150	7 Anketell Ct, Onslow	1,598,895	1,598,895	1,599,025	1
BN151	26 Marrinup Way, Tom Price	0	0	2,040	2,0
BN153	653 Kiah Street, Tom Price	620,000	620,000	627,368	7,3
BN154	605 Boolee Street, Tom Price	615,000	615,000	612,396	(2,6
Renewal - Building	S				
22043	Aquatic Facility Reticulation - Paraburdoo	23,000	23,000	20,876	(2,1
22045	Aquatic Facility Shade Structure - Tom Price	14,000	14,000	14,000	
22026	Bowls Club / Gym Cladding - Tom Price	40,000	40,000	27,780	(12,2
22009	Child Care Facility - Onslow	0	0	0	
22041	Civic Centre / Town Hall Electrical - Tom Price	141,000	141,000	0	(141,0
21021	Depot Shade Structure - Tom Price	13,450	13,450	13,450	
22027	Diamond Club Clubroom - Tom Price	20,115	20,115	20,115	
22024	Library Air-Conditioning - Paraburdoo	6,000	6,000	0	(6,0
BC390	Library Reception - Tom Price	14,860	14,860	14,860	
22101	Tennis Facility - Tom Price	21,000	21,000	32,793	11,
BC300	Cap - Senior Citizen Unit 1	25,000	25,000	0	(25,0
BC306	Cap - Senior Citizen Unit 4	35,000	35,000	0	(35,0

			nded Year to		
		Current	Date	Year to	Variance
	Account Description	Budget	Budget	Date Actual	(Under)/Ov
Upgrade - Buildi	•				
22023	Goods Shed Museum (Compliance) - Onslow	60,000	60,000	46,458	(13,54
22021	Kennels - Tom Price	30,000	30,000	25,011	(4,98
21022	Sun Chalets - Onslow	1,241,000	1,241,000	932,988	(308,01
Buildings Total		19,300,155	19,300,155	9,336,334	(9,963,82
Furniture & Equip	ment				
New - Furniture	and Equipment				
22046	Aquatic Facility Accessibility Stairs - Tom Price	9,023	9,023	9,055	
22047	Aquatic Facility CCTV - Tom Price	18,000	18,000	18,035	
22048	Aquatic Facility Inflatables - Tom Price	8,200	8,200	8,182	(
22025	Artwork - Paraburdoo	5,470	5,470	5,470	
22028	Gym Equipment - Onslow	138,000	138,000	107,065	(30,9
22008	Promotional Televisions	18,000	18,000	6,443	(11,5
22218	Housing Furniture	17,768	17,768	15,714	(2,0
22215	Music / Sound Equipment	10,000	10,000	9,994	
22216	Pannawonica F&E	30,000	30,000	0	(30,0
22212	Map Laminator	5,685	5,685	5,685	
Renewal - Furni	ture and Equipment				
22044	Aquatic Facility Pool Blankets - Paraburdoo	40,000	40,000	39,100	(
22049	Aquatic Facility Pool Cleaner - Tom Price	6,508	6,508	6,509	
22000	Caravan Park (Onslow) Washing Machines - Onslow	10,171	10,171	10,171	
22050	Commercial TV Compound - Onslow	11,200	11,200	11,136	
22016	Information Technology - Laptop/desktops replacement	192,000	192,000	171,671	(20,
22022	Information Technology (Records)	0	0	0	
21003	Ict Hardware - Servers & Migration Project Services	0	0	0	
22001	Onslow Sun Chalets Washing Machines - Onslow	10,171	10,171	10,171	
22001 Upgrade - Furni	ture and Equipment				
22001 Upgrade - Furni 22042	ture and Equipment Aquatic Facility CCTV - Onslow	21,700	21,700	21,636	
22001 Upgrade - Furni 22042 22237	ture and Equipment Aquatic Facility CCTV - Onslow Foggers	21,700 17,000	21,700 17,000	21,636 11,771	(5,2
22001 Upgrade - Furni 22042 22237 Furniture & Equip	ture and Equipment Aquatic Facility CCTV - Onslow Foggers ment Total	21,700	21,700	21,636	(5,2
22001 Upgrade - Furni 22042 22237 Furniture & Equip Plant & Machiner	ture and Equipment Aquatic Facility CCTV - Onslow Foggers ment Total	21,700 17,000	21,700 17,000	21,636 11,771	(5,2
22001 Upgrade - Furni 22042 22237 Furniture & Equip Plant & Machiner New - Plant and	ture and Equipment Aquatic Facility CCTV - Onslow Foggers ment Total y Machinery	21,700 17,000 568,896	21,700 17,000 568,896	21,636 11,771 467,808	(5,2 (101,0
22001 Upgrade - Furni 22042 22237 Furniture & Equip Plant & Machiner New - Plant and 22017	ture and Equipment Aquatic Facility CCTV - Onslow Foggers ment Total y Machinery 4WD Double Cab (1) (New)	21,700 17,000 568,896 49,375	21,700 17,000 568,896 49,375	21,636 11,771 467,808 50,722	(5,2 (101,0)
22001 Upgrade - Furni 22042 22237 Furniture & Equip Plant & Machiner New - Plant and 22017 22113	ture and Equipment Aquatic Facility CCTV - Onslow Foggers ment Total y Machinery 4WD Double Cab (1) (New) 4WD Double Cab (2) (New)	21,700 17,000 568,896 49,375 49,375	21,700 17,000 568,896 49,375 49,375	21,636 11,771 467,808 50,722 50,686	(5,2 (101,0
22001 Upgrade - Furni 22042 22237 Furniture & Equip Plant & Machiner New - Plant and 22017 22113 22012	ture and Equipment Aquatic Facility CCTV - Onslow Foggers ment Total y Machinery 4WD Double Cab (1) (New)	21,700 17,000 568,896 49,375 49,375 18,206	21,700 17,000 568,896 49,375 49,375 18,206	21,636 11,771 467,808 50,722 50,686 18,206	(5,2 (101,0
22001 Upgrade - Furni 22042 22237 Furniture & Equip Plant & Machiner New - Plant and 22017 22113	ture and Equipment Aquatic Facility CCTV - Onslow Foggers ment Total y Machinery 4WD Double Cab (1) (New) 4WD Double Cab (2) (New) Access Cart (Caravan Park (Onslow)) (New)	21,700 17,000 568,896 49,375 49,375 18,206 18,206	21,700 17,000 568,896 49,375 49,375 18,206 18,206	21,636 11,771 467,808 50,722 50,686 18,206 18,206	(5,2 (101,0 1, 1,
22001 Upgrade - Furni 22042 22237 Furniture & Equip Plant & Machiner New - Plant and 22017 22113 22012 22013	ture and Equipment Aquatic Facility CCTV - Onslow Foggers ment Total y Machinery 4WD Double Cab (1) (New) 4WD Double Cab (2) (New) Access Cart (Caravan Park (Onslow)) (New) Access Cart (Sun Chalets (Onslow)) (New)	21,700 17,000 568,896 49,375 49,375 18,206	21,700 17,000 568,896 49,375 49,375 18,206	21,636 11,771 467,808 50,722 50,686 18,206	(5,2 (101,0 1, 1,
22001 Upgrade - Furni 22042 22237 Furniture & Equip Plant & Machiner New - Plant and 22017 22113 22012 22013 22013	ture and Equipment Aquatic Facility CCTV - Onslow Foggers ment Total y Machinery 4WD Double Cab (1) (New) 4WD Double Cab (2) (New) Access Cart (Caravan Park (Onslow)) (New) Access Cart (Sun Chalets (Onslow)) (New) Caravan	21,700 17,000 568,896 49,375 49,375 18,206 18,206 112,000	21,700 17,000 568,896 49,375 49,375 18,206 18,206 112,000	21,636 11,771 467,808 50,722 50,686 18,206 18,206 112,353	((5,2 (101,0) 1,i 1,i (24,5 (24,5 (186,0
22001 Upgrade - Furni 22042 22237 Furniture & Equip Plant & Machiner New - Plant and 22017 22113 22012 22013 22013 22084 22217	ture and Equipment Aquatic Facility CCTV - Onslow Foggers ment Total y Machinery 4WD Double Cab (1) (New) 4WD Double Cab (2) (New) Access Cart (Caravan Park (Onslow)) (New) Access Cart (Sun Chalets (Onslow)) (New) Caravan Scissor Lift Accomodation Unit / Service Trailer and Machinery	21,700 17,000 568,896 49,375 49,375 18,206 18,206 112,000 24,540	21,700 17,000 568,896 49,375 49,375 18,206 18,206 112,000 24,540	21,636 11,771 467,808 50,722 50,686 18,206 18,206 112,353 0	(5,2 (101,0 1, 1, 1, (24,5
22001 Upgrade - Furni 22042 22237 Furniture & Equip Plant & Machiner New - Plant and 22017 22013 22012 22013 22013 22014 22217 22213 22217 22213 Renewal - Plant 22085	ture and Equipment Aquatic Facility CCTV - Onslow Foggers ment Total y Machinery 4WD Double Cab (1) (New) 4WD Double Cab (2) (New) Access Cart (Caravan Park (Onslow)) (New) Access Cart (Sun Chalets (Onslow)) (New) Caravan Scissor Lift Accomodation Unit / Service Trailer and Machinery 4WD Double Cab (PUT94) ³	21,700 17,000 568,896 49,375 49,375 18,206 18,206 112,000 24,540	21,700 17,000 568,896 49,375 49,375 18,206 18,206 112,000 24,540	21,636 11,771 467,808 50,722 50,686 18,206 112,353 0 0 0 51,945	(5,2 (101,0 1, 1, 1, (24,5 (186,0
22001 Upgrade - Furni 22042 22237 Furniture & Equip Plant & Machiner New - Plant and 22017 22113 22012 22013 22013 22084 22217 22213 Renewal - Plant	ture and Equipment Aquatic Facility CCTV - Onslow Foggers ment Total y Machinery 4WD Double Cab (1) (New) 4WD Double Cab (2) (New) Access Cart (Caravan Park (Onslow)) (New) Access Cart (Sun Chalets (Onslow)) (New) Caravan Scissor Lift Accomodation Unit / Service Trailer and Machinery	21,700 17,000 568,896 49,375 49,375 18,206 18,206 112,000 24,540 186,000	21,700 17,000 568,896 49,375 49,375 18,206 18,206 112,000 24,540 186,000	21,636 11,771 467,808 50,722 50,686 18,206 18,206 112,353 0 0	(5,2 (101,0 1, 1, (24,5
22001 Upgrade - Furni 22042 22237 Furniture & Equip Plant & Machiner New - Plant and 22017 22113 22012 22013 22013 22084 22217 22213 Renewal - Plant 22085 22086 21025	ture and Equipment Aquatic Facility CCTV - Onslow Foggers ment Total y Machinery 4WD Double Cab (1) (New) 4WD Double Cab (2) (New) Access Cart (Caravan Park (Onslow)) (New) Access Cart (Sun Chalets (Onslow)) (New) Caravan Scissor Lift Accomodation Unit / Service Trailer and Machinery 4WD Double Cab (PUT94) ³ 4WD SUV (PSW83) ³ Bedford Fire Truck	21,700 17,000 568,896 49,375 49,375 18,206 112,000 24,540 186,000 50,633	21,700 17,000 568,896 49,375 49,375 18,206 18,206 112,000 24,540 186,000	21,636 11,771 467,808 50,722 50,686 18,206 112,353 0 0 0 51,945	(5,2 (101,0 1, 1, 1, (24,5 (186,C 1,
22001 Upgrade - Furni 22042 22237 Furniture & Equip Plant & Machiner New - Plant and 22017 22113 22012 22013 22014 22217 22213 22084 22217 22213 Renewal - Plant 22085 22086 21025 22088	ture and Equipment Aquatic Facility CCTV - Onslow Foggers ment Total y Machinery 4WD Double Cab (1) (New) 4WD Double Cab (2) (New) Access Cart (Caravan Park (Onslow)) (New) Access Cart (Sun Chalets (Onslow)) (New) Caravan Scissor Lift Accomodation Unit / Service Trailer and Machinery 4WD Double Cab (PUT94) ³ 4WD SUV (PSW83) ³ Bedford Fire Truck Boom-Spray Unit (PBS03)	21,700 17,000 568,896 49,375 49,375 18,206 112,000 24,540 186,000 50,633 47,213	21,700 17,000 568,896 49,375 49,375 18,206 112,000 24,540 186,000 50,633 47,213	21,636 11,771 467,808 50,722 50,686 18,206 18,206 112,353 0 0 51,945 47,386	(5,2 (101,0 1, 1, (24,5 (186,0 1, (99,8
22001 Upgrade - Furni 22042 22237 Furniture & Equip Plant & Machiner New - Plant and 22017 22113 22012 22013 22013 22014 22017 22213 22018 22084 22217 22213 Renewal - Plant 22085 22086 21025 22088 22088	ture and Equipment Aquatic Facility CCTV - Onslow Foggers ment Total Machinery 4WD Double Cab (1) (New) 4WD Double Cab (2) (New) Access Cart (Caravan Park (Onslow)) (New) Access Cart (Sun Chalets (Onslow)) (New) Caravan Scissor Lift Accomodation Unit / Service Trailer and Machinery 4WD Double Cab (PUT94) ³ 4WD DUV (PSW83) ³ Bedford Fire Truck Boom-Spray Unit (PBS03) Commercial Van (PSD06) ³	21,700 17,000 568,896 49,375 49,375 18,206 112,000 24,540 186,000 50,633 47,213 100,000 8,700 38,882	21,700 17,000 568,896 49,375 49,375 18,206 18,206 112,000 24,540 186,000 50,633 47,213 100,000 8,700 38,882	21,636 11,771 467,808 50,722 50,686 18,206 112,353 0 0 0 51,945 47,386 184 7,847 38,882	(5,2 (101,0 1, 1, (24,5 (186,0 1, (99,8
22001 Upgrade - Furni 22042 22237 Furniture & Equip Plant & Machiner New - Plant and 22017 22113 22012 22013 22014 22017 22213 22084 22217 22213 22084 22217 22213 22084 22217 22213 22084 22085 22086 21025 22088 22089 22090	ture and Equipment Aquatic Facility CCTV - Onslow Foggers ment Total	21,700 17,000 568,896 49,375 49,375 18,206 112,000 24,540 186,000 50,633 47,213 100,000 8,700	21,700 17,000 568,896 49,375 49,375 18,206 112,000 24,540 186,000 50,633 47,213 100,000 8,700	21,636 11,771 467,808 50,722 50,686 18,206 112,353 0 0 0 0 51,945 47,386 184 7,847	(5,2 (101,0 1, 1, 1, (24,5 (186,C 1, (99,8 (8) (8)
22001 Upgrade - Furni 22042 22237 Furniture & Equip Plant & Machiner New - Plant and 22017 22113 22012 22013 22014 22013 22084 22217 22213 22084 22217 22213 22084 22217 22213 22084 22085 22085 22086 21025 22088 22089 22090 22091	ture and Equipment Aquatic Facility CCTV - Onslow Foggers ment Total	21,700 17,000 568,896 49,375 49,375 18,206 112,000 24,540 186,000 50,633 47,213 100,000 8,700 38,882	21,700 17,000 568,896 49,375 49,375 18,206 18,206 112,000 24,540 186,000 50,633 47,213 100,000 8,700 38,882	21,636 11,771 467,808 50,722 50,686 18,206 112,353 0 0 0 51,945 47,386 184 7,847 38,882	(5,2 (101,0 1, 1, 1, (24,5 (186,C 1, (99,8 (8) (8)
22001 Upgrade - Furni 22042 22237 Furniture & Equip Plant & Machiner New - Plant and 22017 22113 22012 22013 22014 22013 22084 22217 22213 22084 22217 22213 22084 22084 22217 22213 22084 22085 22086 21025 22088 22088 22089 22090 22091 22092	ture and Equipment Aquatic Facility CCTV - Onslow Foggers ment Total	21,700 17,000 568,896 49,375 49,375 18,206 18,206 112,000 24,540 186,000 50,633 47,213 100,000 8,700 38,882 81,664 89,040 66,148	21,700 17,000 568,896 49,375 49,375 18,206 18,206 112,000 24,540 186,000 50,633 47,213 100,000 8,700 38,882 81,664 89,040 66,148	21,636 11,771 467,808 50,722 50,686 18,206 18,206 112,353 0 0 0 51,945 47,386 184 7,847 38,882 81,586 89,040 66,149	(5,2 (101,0 1, 1, 1, (24,5 (186,C 1, (99,8 (8) (8)
22001 Upgrade - Furni 22042 22237 Furniture & Equip Plant & Machiner New - Plant and 22017 22113 22012 22013 22014 22017 22213 22084 22217 22213 22084 22217 22213 22084 22085 22084 22085 22086 21025 22088 22088 22089 22090 22091 22092 22093	ture and Equipment Aquatic Facility CCTV - Onslow Foggers ment Total	21,700 17,000 568,896 49,375 49,375 18,206 18,206 112,000 24,540 186,000 50,633 47,213 100,000 8,700 38,882 81,664 89,040 66,148 65,985	21,700 17,000 568,896 49,375 49,375 18,206 18,206 112,000 24,540 186,000 50,633 47,213 100,000 8,700 38,882 81,664 89,040 66,148 65,985	21,636 11,771 467,808 50,722 50,686 18,206 18,206 112,353 0 0 0 51,945 47,386 184 7,847 38,882 81,586 89,040 66,149 65,985	(5,2 (101,0 1, 1, 1, (24,5 (186,C 1, (99,8 (8) (8)
22001 Upgrade - Furni 22042 22237 Furniture & Equip Plant & Machiner New - Plant and 22017 22113 22012 22013 22014 22017 22213 22084 22217 22213 22084 22217 22213 22084 22085 22084 22085 22086 21025 22088 22088 22088 22088 22089 22090 22091 22091 22093 22094	ture and Equipment Aquatic Facility CCTV - Onslow Foggers ment Total	21,700 17,000 568,896 49,375 49,375 18,206 18,206 112,000 24,540 186,000 50,633 47,213 100,000 8,700 38,882 81,664 89,040 66,148 65,985 11,460	21,700 17,000 568,896 49,375 49,375 18,206 18,206 112,000 24,540 186,000 50,633 47,213 100,000 8,700 38,882 81,664 89,040 66,148 65,985 11,460	21,636 11,771 467,808 50,722 50,686 18,206 18,206 112,353 0 0 51,945 47,386 184 7,847 38,882 81,586 89,040 66,149 65,985 11,460	(5,2 (101,0 1, 1, 1, (24,5 (186,C 1, (99,8 (8) (8)
22001 Upgrade - Furni 22042 22237 Furniture & Equip Plant & Machiner New - Plant and 22017 22113 22012 22013 22014 22017 22213 22084 22084 22217 22213 22084 22084 22217 22213 22084 22085 22086 21025 22088 22088 22088 22088 22088 22088 22089 22090 22091 22091 22093 22094 22095	ture and Equipment Aquatic Facility CCTV - Onslow Foggers ment Total	21,700 17,000 568,896 49,375 49,375 18,206 18,206 112,000 24,540 186,000 50,633 47,213 100,000 8,700 38,882 81,664 89,040 66,148 65,985 11,460 113,560	21,700 17,000 568,896 49,375 49,375 18,206 112,000 24,540 186,000 50,633 47,213 100,000 8,700 38,882 81,664 89,040 66,148 65,985 11,460 113,560	21,636 11,771 467,808 50,722 50,686 18,206 112,353 0 0 51,945 47,386 184 7,847 38,882 81,586 89,040 66,149 65,985 11,460 113,560	(5,2 (101,0 1, 1, (24,5 (186,0 1, (99,8 (8 (99,8) (8) (9) (8) (19) (10) (10) (10) (10) (10) (10) (10) (10
22001 Upgrade - Furni 22042 22237 Furniture & Equip Plant & Machiner New - Plant and 22017 22113 22012 22013 22014 22017 22213 22084 22084 22217 22213 22084 22084 22085 22084 22085 22086 21025 22088 22088 22088 22088 22088 22088 22088 22088 22088 22088 22088 22088 22088 22088 22088 22088 22088 22088 22088 22089 22091 22091 22093 22094 22095 22002	ture and Equipment Aquatic Facility CCTV - Onslow Foggers ment Total	21,700 17,000 568,896 49,375 18,206 18,206 112,000 24,540 186,000 50,633 47,213 100,000 8,700 38,882 81,664 89,040 66,148 65,985 11,460 113,560 375,000	21,700 17,000 568,896 49,375 18,206 112,000 24,540 186,000 50,633 47,213 100,000 8,700 38,882 81,664 89,040 66,148 65,985 11,460 113,560 375,000	21,636 11,771 467,808 50,722 50,686 18,206 112,353 0 0 51,945 47,386 184 7,847 38,882 81,586 89,040 66,149 65,985 11,460 113,560 0	(5,2 (101,0 1, 1, (24,5 (186,0 1, (99,8 (8 (99,8) (8) (9) (8) (19) (10) (10) (10) (10) (10) (10) (10) (10
22001 Upgrade - Furni 22042 22237 Furniture & Equip Plant & Machiner New - Plant and 22017 22113 22012 22013 22013 22084 22217 22213 22084 22217 22213 22084 22208 22084 22085 22084 22085 22085 22085 22086 21025 22088 22089 22091 22091 22092 22091 22092 22093 22094 22095 22095 22002	ture and Equipment Aquatic Facility CCTV - Onslow Foggers ment Total	21,700 17,000 568,896 49,375 49,375 18,206 18,206 112,000 24,540 186,000 50,633 47,213 100,000 8,700 38,882 81,664 89,040 66,148 65,985 11,460 113,560	21,700 17,000 568,896 49,375 49,375 18,206 112,000 24,540 186,000 50,633 47,213 100,000 8,700 38,882 81,664 89,040 66,148 65,985 11,460 113,560 375,000 21,641	21,636 11,771 467,808 50,722 50,686 18,206 112,353 0 0 51,945 47,386 184 7,847 38,882 81,586 89,040 66,149 65,985 11,460 113,560	(5,2 (101,0 1, 1, 1, (24,5 (186,0 1, (99,6 (8) (99,6) (8)
22001 Upgrade - Furni 22042 22237 Furniture & Equip Plant & Machiner New - Plant and 22017 22113 22012 22013 22014 22217 22213 22084 22217 22213 Renewal - Plant 22085 22086 21025 22086 21025 22088 22089 22090 22091 22091 22092 22091 22092 22093 22094 22093 22094 22095 22002 22079 22120	ture and Equipment Aquatic Facility CCTV - Onslow Foggers ment Total	21,700 17,000 568,896 49,375 18,206 18,206 112,000 24,540 186,000 50,633 47,213 100,000 8,700 38,882 81,664 89,040 66,148 65,985 11,460 113,560 375,000 21,641 48,348	21,700 17,000 568,896 49,375 49,375 18,206 112,000 24,540 186,000 50,633 47,213 100,000 8,700 38,882 81,664 89,040 66,148 65,985 11,460 113,560 375,000 21,641 48,348	21,636 11,771 467,808 50,722 50,686 18,206 112,353 0 0 0 51,945 47,386 184 7,847 38,882 81,586 89,040 66,149 65,985 11,460 113,560 0 21,641 48,096	(5,2 (101,0 1, 1, 1, (24,5 (186,0 1,
22001 Upgrade - Furni 22042 22237 Furniture & Equip Plant & Machiner New - Plant and 22017 22113 22012 22013 22013 22084 22217 22213 22084 22217 22213 22084 22208 22084 22085 22084 22085 22085 22085 22085 22088 22089 22091 22091 22091 22092 22091 22092 22093 22094 22095 22095 22002	ture and Equipment Aquatic Facility CCTV - Onslow Foggers ment Total	21,700 17,000 568,896 49,375 18,206 18,206 112,000 24,540 186,000 50,633 47,213 100,000 8,700 38,882 81,664 89,040 66,148 65,985 11,460 113,560 375,000 21,641	21,700 17,000 568,896 49,375 49,375 18,206 112,000 24,540 186,000 50,633 47,213 100,000 8,700 38,882 81,664 89,040 66,148 65,985 11,460 113,560 375,000 21,641	21,636 11,771 467,808 50,722 50,686 18,206 112,353 0 0 0 51,945 47,386 184 7,847 38,882 81,586 89,040 66,149 65,985 11,460 113,560 0 21,641	(5,2 (101,0 1,, 1,, (24,5 (186,0 1,, (99,8 (8 (99,8 (8 (186,0))))))))))))))))))))))))))))))))))))

Level of comp	etion indicator, please see table at the end of this note for further detail.	Amen			
	Account Description	Current Budget	Year to Date Budget	Year to Date Actual	Variance (Under)/Over
Infrastructu	e - Waste (General)				
New - Was	te (General)				
22003	Alternative Daily Cover - Paraburdoo	75,000	75,000	160,640	85,640
22004	Alternative Daily Cover - Tom Price	125,000	125,000	0	(125,000)
22005	Transfer Station Solar Panels - Onslow	33,508	33,508	33,508	(0
AW2003	Paraburdoo - Waste Operations Building Install New	0	0	0	
AW2004	Tom Price - Waste Operations Building - Install New	0	0	0	
Infrastructu	e - Waste Total	233,508	233,508	194,148	(39,360
Infrastructu	e - Waste (Pilbara Regional Waste Management Facility)				
	te (Regional Waste Facility)				
22006	CCTV System and Weighbridge Arrangements	300,000	300,000	47,843	(252,157
19093	Facility Construction	3,689,000	3,689,000	445,102	. ,
Infrastructu	e - Waste (Pilbara Regional Waste Management Facility) Total	3,989,000	3,989,000	492,945	(3,496,055
	e - Parks & Recreation				
	ss and Recreation	7 500 000	7 500 000	7 500 000	
22051 22052	Community Boating Precinct - Onslow Foreshore Masterplan Development - Onslow	7,500,000	7,500,000		(421.040
	· ·	500,000	500,000	68,160	(431,840
	Earachara Sculaturas Onclaw	4 095	1 005	4 005	(
21009	Foreshore Sculptures - Onslow	4,085	4,085	4,085	
22058	Jetty - Onslow	0	0	0	
22058 22029	Jetty - Onslow Judy Woodvine Oval Water Chiller - Paraburdoo	0 11,307	0 11,307	0 11,307	(0
22058 22029 20000	Jetty - Onslow Judy Woodvine Oval Water Chiller - Paraburdoo Pump Track - Tom Price	0 11,307 1,600,000	0 11,307 1,600,000	0 11,307 353,028	(0 (0 (1,246,972
22058 22029 20000 22030	Jetty - Onslow Judy Woodvine Oval Water Chiller - Paraburdoo Pump Track - Tom Price Skatepark Water Chiller - Paraburdoo	0 11,307	0 11,307	0 11,307	(0 (0 (1,246,972
22058 22029 20000 22030 Renewal -	Jetty - Onslow Judy Woodvine Oval Water Chiller - Paraburdoo Pump Track - Tom Price Skatepark Water Chiller - Paraburdoo Parks and Recreation	0 11,307 1,600,000 11,307	0 11,307 1,600,000 11,307	0 11,307 353,028 11,307	(0 (0 (1,246,972 (0
22058 22029 20000 22030	Jetty - Onslow Judy Woodvine Oval Water Chiller - Paraburdoo Pump Track - Tom Price Skatepark Water Chiller - Paraburdoo	0 11,307 1,600,000 11,307 253,000	0 11,307 1,600,000 11,307 253,000	0 11,307 353,028 11,307 255,992	(0 (0 (1,246,972 (0 2,99)
22058 22029 20000 22030 Renewal - 21020	Jetty - Onslow Judy Woodvine Oval Water Chiller - Paraburdoo Pump Track - Tom Price Skatepark Water Chiller - Paraburdoo Parks and Recreation ANZAC Memorial Park Landscaping - Tom Price ANZAC Memorial Picnic Shelter - Onslow	0 11,307 1,600,000 11,307 253,000 15,000	0 11,307 1,600,000 11,307 253,000 15,000	0 11,307 353,028 11,307 	(0 (1,246,972 (0 2,99) (4,042
22058 22029 20000 22030 Renewal - 21020 22031	Jetty - Onslow Judy Woodvine Oval Water Chiller - Paraburdoo Pump Track - Tom Price Skatepark Water Chiller - Paraburdoo Parks and Recreation ANZAC Memorial Park Landscaping - Tom Price	0 11,307 1,600,000 11,307 253,000	0 11,307 1,600,000 11,307 253,000	0 11,307 353,028 11,307 255,992	(0 (0 (1,246,972 (0 2,99: (4,042 (8,437
22058 22029 20000 22030 Renewal - 21020 22031 22102	Jetty - Onslow Judy Woodvine Oval Water Chiller - Paraburdoo Pump Track - Tom Price Skatepark Water Chiller - Paraburdoo Parks and Recreation ANZAC Memorial Park Landscaping - Tom Price ANZAC Memorial Picnic Shelter - Onslow Diamond Park Lighting - Tom Price	0 11,307 1,600,000 11,307 253,000 15,000 167,000	0 11,307 1,600,000 11,307 253,000 15,000 167,000	0 11,307 353,028 11,307 	(0 (1,246,972 (0 2,99 (4,042 (8,437 (3,219
22058 22029 20000 22030 Renewal - 21020 22031 22102 22032	Jetty - Onslow Judy Woodvine Oval Water Chiller - Paraburdoo Pump Track - Tom Price Skatepark Water Chiller - Paraburdoo Parks and Recreation ANZAC Memorial Park Landscaping - Tom Price ANZAC Memorial Picnic Shelter - Onslow Diamond Park Lighting - Tom Price Enclosed Cricket Scoreboard - Tom Price	0 11,307 1,600,000 11,307 253,000 15,000 167,000 23,000	0 11,307 1,600,000 11,307 253,000 15,000 167,000 23,000	0 11,307 353,028 11,307 255,992 10,958 158,563 19,781	(0 (1,246,972 (0 2,99) (4,042 (8,437 (3,219 (1,105
22058 22029 20000 22030 Renewal - 21020 22031 22102 22032 22032 22033	Jetty - Onslow Judy Woodvine Oval Water Chiller - Paraburdoo Pump Track - Tom Price Skatepark Water Chiller - Paraburdoo Parks and Recreation ANZAC Memorial Park Landscaping - Tom Price ANZAC Memorial Picnic Shelter - Onslow Diamond Park Lighting - Tom Price Enclosed Cricket Scoreboard - Tom Price Foreshore BBQ Shelter - Onslow	0 11,307 1,600,000 11,307 253,000 15,000 167,000 23,000 40,000	0 11,307 1,600,000 11,307 253,000 15,000 167,000 23,000 40,000	0 11,307 353,028 11,307 255,992 10,958 158,563 19,781 38,895	(0 (1,246,972 (0 2,99 (4,042 (8,437 (3,219 (1,105 (150,000
22058 22029 20000 22030 Renewal - 21020 22031 22102 22032 22032 22033 22034	Jetty - Onslow Judy Woodvine Oval Water Chiller - Paraburdoo Pump Track - Tom Price Skatepark Water Chiller - Paraburdoo Parks and Recreation ANZAC Memorial Park Landscaping - Tom Price ANZAC Memorial Picnic Shelter - Onslow Diamond Park Lighting - Tom Price Enclosed Cricket Scoreboard - Tom Price Foreshore BBQ Shelter - Onslow Four Mile Creek Decking - Onslow	0 11,307 1,600,000 11,307 253,000 15,000 167,000 23,000 40,000	0 11,307 1,600,000 11,307 253,000 15,000 167,000 23,000 40,000 150,000	0 11,307 353,028 11,307 255,992 10,958 158,563 19,781 38,895 0	(0 (1,246,972 (0 2,99) (4,042 (8,437 (3,219 (1,105 (150,000 (6,315
22058 22029 20000 22030 Renewal - 21020 22031 22102 22032 22032 22033 22034 22035	Jetty - Onslow Judy Woodvine Oval Water Chiller - Paraburdoo Pump Track - Tom Price Skatepark Water Chiller - Paraburdoo Parks and Recreation ANZAC Memorial Park Landscaping - Tom Price ANZAC Memorial Picnic Shelter - Onslow Diamond Park Lighting - Tom Price Enclosed Cricket Scoreboard - Tom Price Foreshore BBQ Shelter - Onslow Four Mile Creek Decking - Onslow Gas Cooktops - Onslow	0 11,307 1,600,000 11,307 253,000 15,000 167,000 23,000 40,000 150,000 21,000	0 11,307 1,600,000 11,307 253,000 15,000 167,000 23,000 40,000 150,000 21,000	0 11,307 353,028 11,307 255,992 10,958 158,563 19,781 38,895 0 14,685 18,607	(0 (1,246,972 (0 2,99 (4,042 (8,437 (3,219 (1,105 (150,000 (6,315 18,60
22058 22029 20000 22030 Renewal - 21020 22031 22102 22032 22032 22033 22034 22035 22036	Jetty - Onslow Judy Woodvine Oval Water Chiller - Paraburdoo Pump Track - Tom Price Skatepark Water Chiller - Paraburdoo Parks and Recreation ANZAC Memorial Park Landscaping - Tom Price ANZAC Memorial Picnic Shelter - Onslow Diamond Park Lighting - Tom Price Enclosed Cricket Scoreboard - Tom Price Foreshore BBQ Shelter - Onslow Four Mile Creek Decking - Onslow Gas Cooktops - Onslow Skate Park Renewal - Onslow	0 11,307 1,600,000 11,307 253,000 15,000 167,000 23,000 40,000 150,000 21,000 0	0 11,307 1,600,000 11,307 253,000 15,000 167,000 23,000 40,000 150,000 21,000 0	0 11,307 353,028 11,307 255,992 10,958 158,563 19,781 38,895 0 14,685 18,607	(0 (1,246,972 (0 2,99 (4,042 (8,437 (3,219 (1,105 (150,000 (6,315 18,60 (15,216
22058 22029 20000 22030 Renewal - 21020 22031 22102 22032 22032 22033 22034 22035 22036 22037	Jetty - Onslow Judy Woodvine Oval Water Chiller - Paraburdoo Pump Track - Tom Price Skatepark Water Chiller - Paraburdoo Parks and Recreation ANZAC Memorial Park Landscaping - Tom Price ANZAC Memorial Picnic Shelter - Onslow Diamond Park Lighting - Tom Price Enclosed Cricket Scoreboard - Tom Price Foreshore BBQ Shelter - Onslow Four Mile Creek Decking - Onslow Gas Cooktops - Onslow Skate Park Renewal - Onslow Third Avenue Playground Shelter and Fencing - Onslow	0 11,307 1,600,000 11,307 253,000 15,000 23,000 40,000 150,000 21,000 0 99,000	0 11,307 1,600,000 11,307 253,000 15,000 167,000 23,000 40,000 150,000 21,000 0 99,000	0 11,307 353,028 11,307 255,992 10,958 158,563 19,781 38,895 0 14,685 18,607 83,784 50,000	(0 (0 (1,246,972 (0) 2,993 (4,042 (8,437 (3,219 (1,105 (150,000 (6,315 18,60 (15,216
22058 22029 20000 22030 Renewal - 21020 22031 22102 22032 22033 22034 22035 22036 22037 22038 C042	Jetty - Onslow Judy Woodvine Oval Water Chiller - Paraburdoo Pump Track - Tom Price Skatepark Water Chiller - Paraburdoo Parks and Recreation ANZAC Memorial Park Landscaping - Tom Price ANZAC Memorial Picnic Shelter - Onslow Diamond Park Lighting - Tom Price Enclosed Cricket Scoreboard - Tom Price Foreshore BBQ Shelter - Onslow Four Mile Creek Decking - Onslow Gas Cooktops - Onslow Skate Park Renewal - Onslow Third Avenue Playground Shelter and Fencing - Onslow Tjiluna Oval Dug Outs - Tom Price	0 11,307 1,600,000 11,307 253,000 15,000 23,000 23,000 150,000 21,000 0 99,000 50,000	0 11,307 1,600,000 11,307 253,000 15,000 23,000 40,000 150,000 21,000 0 99,000 50,000	0 11,307 353,028 11,307 255,992 10,958 158,563 19,781 38,895 0 14,685 18,607 83,784 50,000	(0 (1,246,972 (0 2,99 (4,042 (8,437 (3,219 (1,105 (150,000 (6,315 18,60 (15,216
22058 22029 20000 22030 Renewal - 21020 22031 22102 22032 22033 22034 22035 22036 22037 22038 C042	Jetty - Onslow Judy Woodvine Oval Water Chiller - Paraburdoo Pump Track - Tom Price Skatepark Water Chiller - Paraburdoo Parks and Recreation ANZAC Memorial Park Landscaping - Tom Price ANZAC Memorial Picnic Shelter - Onslow Diamond Park Lighting - Tom Price Enclosed Cricket Scoreboard - Tom Price Foreshore BBQ Shelter - Onslow Four Mile Creek Decking - Onslow Gas Cooktops - Onslow Skate Park Renewal - Onslow Third Avenue Playground Shelter and Fencing - Onslow Tjiluna Oval Dug Outs - Tom Price Federation Park Playground Maintenance	0 11,307 1,600,000 11,307 253,000 15,000 23,000 23,000 150,000 21,000 0 99,000 50,000	0 11,307 1,600,000 11,307 253,000 15,000 23,000 40,000 150,000 21,000 0 99,000 50,000	0 11,307 353,028 11,307 255,992 10,958 158,563 19,781 38,895 0 14,685 18,607 83,784 50,000 0	(0 (0) (1,246,972 (0) 2,99: (4,042 (8,437 (3,219 (1,105 (150,000 (6,315 18,60) (15,216 (0) (0) (0) (0) (0) (0) (0) (0) (0) (0)
22058 22029 20000 22030 Renewal - 21020 22031 22102 22032 22033 22034 22035 22036 22037 22038 C042 Upgrade -	Jetty - Onslow Judy Woodvine Oval Water Chiller - Paraburdoo Pump Track - Tom Price Skatepark Water Chiller - Paraburdoo Parks and Recreation ANZAC Memorial Park Landscaping - Tom Price ANZAC Memorial Picnic Shelter - Onslow Diamond Park Lighting - Tom Price Enclosed Cricket Scoreboard - Tom Price Foreshore BBQ Shelter - Onslow Four Mile Creek Decking - Onslow Gas Cooktops - Onslow Skate Park Renewal - Onslow Third Avenue Playground Shelter and Fencing - Onslow Tjiluna Oval Dug Outs - Tom Price Federation Park Playground Maintenance Parks and Recreation	0 11,307 1,600,000 11,307 253,000 15,000 23,000 23,000 40,000 150,000 21,000 0 99,000 50,000 0	0 11,307 1,600,000 11,307 253,000 15,000 167,000 23,000 40,000 150,000 21,000 0 99,000 50,000 0	0 11,307 353,028 11,307 255,992 10,958 158,563 19,781 38,895 0 14,685 18,607 83,784 50,000 0	(0 (0) (1,246,972 (0) 2,992 (4,042 (8,437 (3,219 (1,105 (150,000 (6,315 18,60) (15,216 (0) (15,216 (0) (0) (0) (0) (0) (0) (0) (0) (0) (0)
22058 22029 20000 22030 Renewal - 21020 22031 22102 22032 22033 22034 22035 22036 22037 22038 C042 Upgrade - 22099	Jetty - Onslow Judy Woodvine Oval Water Chiller - Paraburdoo Pump Track - Tom Price Skatepark Water Chiller - Paraburdoo Parks and Recreation ANZAC Memorial Park Landscaping - Tom Price ANZAC Memorial Picnic Shelter - Onslow Diamond Park Lighting - Tom Price Enclosed Cricket Scoreboard - Tom Price Foreshore BBQ Shelter - Onslow Four Mile Creek Decking - Onslow Gas Cooktops - Onslow Skate Park Renewal - Onslow Third Avenue Playground Shelter and Fencing - Onslow Tjiluna Oval Dug Outs - Tom Price Federation Park Playground Maintenance Parks and Recreation Marina - Onslow	0 11,307 1,600,000 11,307 253,000 15,000 23,000 23,000 150,000 21,000 0 99,000 50,000 0	0 11,307 1,600,000 11,307 253,000 15,000 23,000 40,000 150,000 21,000 0 99,000 50,000 0	0 11,307 353,028 11,307 255,992 10,958 158,563 19,781 38,895 0 14,685 18,607 83,784 50,000 0	(0) (1,246,972) (0) (2,992) (4,042) (8,437) (3,219) (1,105) (150,000) (6,315) (15,216) (15,21
22058 22029 20000 22030 Renewal - 21020 22031 22102 22032 22033 22034 22035 22036 22037 22038 C042 Upgrade - 22099 22103	Jetty - Onslow Judy Woodvine Oval Water Chiller - Paraburdoo Pump Track - Tom Price Skatepark Water Chiller - Paraburdoo Parks and Recreation ANZAC Memorial Park Landscaping - Tom Price ANZAC Memorial Picnic Shelter - Onslow Diamond Park Lighting - Tom Price Enclosed Cricket Scoreboard - Tom Price Foreshore BBQ Shelter - Onslow Four Mile Creek Decking - Onslow Gas Cooktops - Onslow Skate Park Renewal - Onslow Third Avenue Playground Shelter and Fencing - Onslow Tjiluna Oval Dug Outs - Tom Price Federation Park Playground Maintenance Parks and Recreation Marina - Onslow Minna Oval Lighting - Tom Price	0 11,307 1,600,000 11,307 253,000 15,000 167,000 23,000 40,000 150,000 21,000 0 99,000 50,000 0 0 99,000 0 0 99,000	0 11,307 1,600,000 11,307 253,000 15,000 167,000 23,000 40,000 150,000 21,000 0 99,000 50,000 0 0 99,000 0 0 373,000	0 11,307 353,028 11,307 255,992 10,958 158,563 19,781 38,895 0 14,685 18,607 83,784 50,000 0 0 0 0	(0 (0) (1,246,972 (0) (2,992) (4,042 (8,437 (3,219 (1,105 (150,000 (6,315 (15,000) (6,315 (15,216 (15,216) (15,

	indicator, please see table at the end of this note for further detail. Account Description	Amer Current Budget	Year to Date Budget	Year to Date Actual	Variance (Under)/Over
22110	Water Spray Park - Onslow ¹	620,000	620,000	587,439	(32,561
	arks & Recreation Total	,	21,804,699	9,785,019	(12,019,680)
		,,	,,	-,,	()) ,
Infrastructure Ass					
New - Airport (0					(0-0-1-0)
22105	Airside Civil Works	3,675,000	3,675,000	3,298,522	(376,478
22106	Aviation Area Development	784,000	784,000	420,632	(363,368
20011 22080	Examination Devices (Luggage and Body Scanning)	0	0		
22108	Explosive Trace Detector Devices Mixed Business Development (Services) - Onslow	42,000	42,000	38,540	
22108	Rotary Wing Base	137,000 290,605	137,000 290,605	92,583 103,258	(44,417 (187,347
22081	Sub-Division	290,003	290,003	103,238	
222031	Vending Machine - Onslow Airport	7,062	7,062	7,062	10,15
22211		7,002	7,002	7,002	
Renewal - Airpo	ort (Onslow)				
22082	Water Softener	14,000	14,000	0	(14,000
Upgrade - Airpo	art (Onslow)				
22083	CCTV System	23,000	23,000	0	(23,000
18007	Solar Farm Expansion	1,800	1,800	1,800	
	ssets - Airports Total	4,974,467	4,974,467	3,978,547	(995,920
		, , , ,	,- , -	-77-	(,
Infrastructure Ass	ets - Roads				
Renewal - Roads					
19061	Ashburton Downs Road Resheet (0.10 - 21.10)	1,807,000	1,807,000	1,567,823	(239,177
22053	Banjima Drive Reconstruct (20.00 - 21.00)	280,000	280,000	279,999	(1
22063	Beadon Creek Road Edging (0.15 - 0.80) - Onslow	146,898	146,898	146,898	
22064	Clarke Place Reseal (0.00 - 0.40) - Onslow	86,090	86,090	86,090	
22065	Cornish Way Reseal (0.00 - 0.15) - Onslow	32,523	32,523	32,523	
22066	Doradeen Road Redesign - Tom Price	0	0	0	
22067	First Avenue Reseal (0.00 - 0.25) - Onslow	53,567	53,567	53,567	(
22068	Forrest Court Reseal (0.00 - 0.12) - Onslow	25,827	25,827	25,827	(
22069	Hedditch Street Reseal (0.00 - 0.10) - Onslow	21,044	21,044	21,044	
22070	Lapthorn Avenue Reseal (0.00 - 0.10) - Onslow	21,044	21,044	21,044	
RU203	Lyndon-Towera Road Resheet (0.00 - 8.0)	135,000	135,000	127,753	(7,247
22077	McRae Place Reseal (0.14 - 0.20) - Onslow	12,435	12,435	12,435	
22112	Millstream-Pannawonica Road Floodway (93.65 - 94.65)	392,000	392,000	81,764	(310,236
22057	Millstream-Pannawonica Road Reconstruct (5.00 - 25.50	1,025,000	1,025,000	794,411	(230,589
22097	Mine Road Reconstruct and Reprofile (Various)	1,100,000	1,100,000	990,147	(109,853
22056	Nameless Valley Drive Reconstruct and Reprofile (Variou	850,000	850,000	799,043	(50,957
22072	Shanks Road Reseal (0.00 - 0.20) - Onslow	43,045	43,045	43,045	
22073	Simpson Street Reseal (0.00 - 0.45) - Onslow	103,970	103,970	103,970	
22074	Third Avenue Reseal (0.00 - 0.18) - Onslow	38,262	38,262	38,262	
22075	Third Street Reseal (1) (0.00 - 0.10) - Onslow	21,044	21,044	21,044	
22076	Third Street Reseal (2) (0.10 - 0.22) - Onslow	25,827	25,827	25,827	
21000	Twitchin Road Cattlegrids	382,000	382,000	7,625	(374,375
RU206	Twitchin Road Resheet (0.05 - 22.5)	2,750,000	2,750,000	2,746,469	(3,531
22231	Remote Road Condition Signage Upgrade	15,000	15,000	10,356	
22220	Central Road Busbay - Ac Surfacing	5,493	5,493	5,983	
22221	Cnr Ourimbah St/Tarmonga Cct - Av Heavy Patch	631	631	688	5
22222	Stadium Road - Ac Overlay	201,551	201,551	201,551	(0
22223	North Road Ac Overlay	183,465	183,465	183,465	
22224	Rocklea Road - Paraburdoo (Bp80X1.5)	3,788	3,788	4,126	
22225	Chichester Ave - Paraburdoo (112M2)	3,536	3,536	3,776	
22226	Fortescue River Crossing Rd Ac Overley (6.46 - 6.68)	88,615	88,615	88,615	
22227	Fortescue River Crossing Rd Ac Overley (8.8 - 9.1)	120,838	120,838	120,838	
22228	Fortescue River Crossing Rd Av Overlay (10.19 - 10.93)	298,067	298,067	298,067	
22229	Tom Price Visitors Bay - Ac Surfacing	125,669	125,669	125,669	
AR2011	General Signage Renewal (Shire Wide)	0	0	0	(

	Level of completion indicator, please see table at the end of this note for further detail.		ded		
			Year to		
		Current	Date	Year to	Variance
	Account Description	Budget	Budget	Date Actual	(Under)/Ove
Infrastructure As					
Renewal - Drai	nage				
21006	Drainage Renewal - Locations to be Advised	195,000	195,000		(6,21
22059	Mcgrath Avenue Culvert Renewal	0	0		
22060	Nickol Avenue Culvert Renewal	15,000	15,000		(15,00
22061	Nameless Valley Drive Culvert Renewal	27,830	27,830		
22062	Willow Road Culvert Renewal	15,000	15,000	2,360	(12,64
Upgrade - Drai	nage				
22098	Basin Beautification - Onslow	1,749,000	1,749,000	192,500	(1,556,50
Infrastructure As	sets - Drainage Total	2,001,830	2,001,830	411,479	(1,590,351
Infrastructure As	sets - Pathways				
New - Pathway	/S				
FN000	Paraburdoo - Location to be Advised	330,000	330,000	11,589	(318,41)
22230	Anzac Park Pathway	1,042	1,042	1,135	9
Infrastructure As	sets - Footpaths Total	331,042	331,042	12,724	(318,31
Infrastructure - T	own				
New - Towns					
22219	Caravan Dump Point - Tom Price	42,000	42,000	32,516	(9,484
Renewal - Tow	ns				
18072	Old Onslow Town (Access and Parking)	89,000	89,000	72,000	(17,000
18073	Old Onslow Town (General Works)	54,000	54,000	1,869	(52,13
18074	Old Onslow Town (Heritage Street Signage)	46,000	46,000	0	(46,00
18071	Old Onslow Town (Online App Development)	13,000	13,000	0	(13,00
18075	Old Onslow Town (Signage)	16,000	16,000	543	(15,45
22010	Shopping Mall Water Line - Tom Price	43,185	43,185	0	(43,185
Upgrade - Tow	ns				
22104	ANZAC Memorial Site Seawall (Stage 1) - Onslow	3,000,000	3,000,000	2,224,735	(775,26
21016	Ocean View Caravan Park - Onslow	1,410,000	1,410,000	427,818	(982,182
22236	Ocean View Caravan Park - Onslow - Phase 3	300,000	300,000	51,124	(248,876
15151	Tourist Information Bay - Tom Price	870,000	870,000	841,237	(28,76
22011	Tourist Information Bay (Sculpture) - Paraburdoo	138,000	138,000	0	(138,00
22007	Tourist Information Bay (Service Station) - Tom Price	0	0	0	
22014	Wi-Fi Expansion - Tom Price	20,000	20,000	21,259	1,25
Infrastructure - T	own Total	6,041,185	6,041,185	3,673,100	(2,368,085
Land Held For Re	sale - Current				
Asset New					
	Land Development Surveys - Tom Price	291	291	291	
18022					
	sale - Current Total	291	291	291	

NOTE 10 CASH RESERVES

OPERATING ACTIVITIES

reserve	
backed	
Cash	

Cash backed reserve										
	J	Current Budget			Budget Transfers	Actual Transfers	Budget Transfers	Actual Transfers		
	Opening	Opening	Budget Interest Acti	Actual Interest	٩	٤	Out	Out	Budget Closing	Actual YTD
Reserve name	Balance	Balance	Earned	Earned	(+)	(+)	(-)	(-)	Balance	Closing Balance
	ş		Ŷ	Ŷ	∽	ş	÷	ş	÷	Ŷ
Employee benefits reserve	0			0		0	0		0	At o
Financial risk reserve	6,167,013	6,179,228	24,418	5,380		0	(621,752)	(621,752)	5,581,894	2,550,641
Future projects reserve	21,170,306	21,175,894	8,495	18,469	3,000,306	3,000,000	(19,179,139)	(7,702,937)	5,005,556	16,485,838
Housing reserve	1,832,096	1,835,609	7,254	1,598			(1,850,145)	(1,833,694)	(7,282)	ne °
Infrastructure reserve	2,091,533	2,098,073	8,291	1,825	564,000	550,000	(2,114,687)	(2,107,948)	555,677	535,410
Joint venture housing reserve	5,065	5,257	21	4					5,278	2,069
Onslow aerodrome reserve	12,694,049	12,721,211	50,270	11,074			(4,661,224)	(2,888,983)	8,110,257	9,816,140
Onslow community infrastructure reserve	198,990	198,077	132	136			(198,337)		(128)	199,126
Plant replacement reserve	1,330,334	1,333,030	5,367	1,161	780,000	780,000	(1,182,000)	(780,814)	936,397	1,330,681 🛃
Property development reserve	3,006,502	3,015,672	11,917	2,623			(3,039,553)		(11,964)	3,009,125 U
RTIS partnership reserve	0	0							0	nı °
Tom Price administration building reserve	6,153,161	6,164,502	24,360	5,368	1,500,000	1,524,300	(2,900,000)		4,788,862	7,682,829 A
Unspent grant and contribution reserves	0	0		0					0	- IN 0
Waste services reserve	2,481,529	2,487,187	9,829	2,165			(2,488,500)	(488,500)	8,516	1,995,194
COVID-19 Relief & Stimulus	827,197	828,906	3,275	722			(460,417)	(460,417)	371,764	367,501 O.
	57,957,775	58,042,646	153,629	50,524	5,844,306	5,854,300	(38,695,754)	(16,885,045)	25,344,827	46,977,554

Domonton domontinent									BC	BORROWINGS
					Pri	Principal	Principal	ipal	Interest	rest
Information on borrowings		Principal	New Loans	oans	Rep	Repayments	Outstanding	nding	Repayments	ments
Particulars	Loan No.	1 July 2021	Actual	Budget	Actual	Budget	Actual	Budget	Actual	Budget
		÷	\$	\$	\$	ş	ئ	\$	÷	ş
Governance Onslow Administration Building Housing	124	600,184	0	0	46,054	46,054	554,130	554,130	19,488	19,487
Housing Staff Housing Plan	117	155,853	0	0	75,794	75,793	80,059	80,060	7,475	7,476
Community amenities Onslow Transfer Station	122	1,398,345	0	0	333,726	333,725	1,064,619	1,064,620	40,519	40,519
Transport Onslow Aerodrome Upgrade	119	112,915	0	0	19,847	19,847	93,068	93,068	6,871	6,871
Airport Sub-Division					0		0	0	0	
Total		2,267,297	0	0	475,421	475,419	1,791,876	1,791,878	74,353	74,353
Cu ne nt borrowings Concurrent borrowings Non-current borrowings		475,419 1,791,878 2,267,297					0 1,791,876 1,791,876			
All debenture repayments were financed by general purpose revenue.	neral purpose revenu	نە ن								

KEY INFORMATION

loans and borrowings are subsequently measured at amortised cost using the effective interest method. Fees paid on the establishment of loan facilities that are yield related are All loans and borrowings are initially recognised at the fair value of the consideration received less directly attributable transaction costs. After initial recognition, interest-bearing included as part of the carrying amount of the loans and borrowings.

Attachment 12.2A - Monthly Financials - June 2022

NOTE 9 **FINANCING ACTIVITIES**

NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY

FOR THE PERIOD ENDED 30 JUNE 2022

OPERATING ACTIVITIES NOTE 11 OTHER CURRENT LIABILITIES

Other current liabilities	Note	Opening Balance 1 July 2021	Liability Increase	Liability Reduction	Closing Balance 30 June 2022
		\$	\$	\$	\$
Contract liabilities					
Unspent grants, contributions and reimbursements					
- operating	12	9,404,510	0	7,342	9,411,852
Total unspent grants, contributions and reimbursements		9,404,510	0	7,342	9,411,852
Provisions					
Annual leave		956,423		0	956,423
Long service leave		551,682		(17,195)	534,487
Total Provisions		1,508,105	0	(17,195)	1,490,910
Total other current assets		10,912,615	0	(9,853)	10,902,762

KEY INFORMATION

Provisions

Provisions are recognised when the Shire has a present legal or constructive obligation, as a result of past events, for which it is probable that an outflow of economic benefits will result and that outflow can be reliably measured.

Provisions are measured using the best estimate of the amounts required to settle the obligation at the end of the reporting period.

Employee benefits

Short-term employee benefits

Provision is made for the Shire's obligations for short-term employee benefits. Short-term employee benefits are benefits (other than termination benefits) that are expected to be settled wholly before 12 months after the end of the annual reporting period in which the employees render the related service, including wages, salaries and sick leave. Short-term employee benefits are measured at the (undiscounted) amounts expected to be paid when the obligation is settled.

The Shire's obligations for short-term employee benefits such as wages, salaries and sick leave are recognised as a part of current trade and other payables in the calculation of net current assets.

Other long-term employee benefits

The Shire's obligations for employees' annual leave and long service leave entitlements are recognised as provisions in the statement of financial position.

Long-term employee benefits are measured at the present value of the expected future payments to be made to employees. Expected future payments incorporate anticipated future wage and salary levels, durations of service and employee departures and are discounted at rates determined by reference to market yields at the end of the reporting period on government bonds that have maturity dates that approximate the terms of the obligations. Any remeasurements for changes in assumptions of obligations for other long-term employee benefits are recognised in profit or loss in the periods in which the changes occur. The Shire's obligations for long-term employee benefits are presented as non-current provisions in its statement of financial position, except where the Shire does not have an unconditional right to defer settlement for at least 12 months after the end of the reporting period, in which case the obligations are presented as current provisions.

Contract liabilities

An entity's obligation to transfer goods or services to a customer for which the entity has received consideration (or the amount is due) from the customer. Grants to acquire or construct recognisable non-financial assets to identified specifications be constructed to be controlled by the Shire are recognised as a liability until such time as the Shire satisfies its obligations under the agreement.

NOTE 14 TRUST FUND

Funds held at balance date over which the Shire has no control and which are not included in this statement are as follows:

Description	Opening Balance 1 July 2021	Amount Received	Amount Paid	Closing Balance 30 Jun 2022
	\$	\$	\$	\$
Public open Spaces	236,655	0		236,655
Retention Funds	30,375		(15,187)	15,188
Adjustment			16	16
	267,030	0	(15,171)	251,859

NOTE 15 EXPLANATION OF MATERIAL VARIANCES

The material variance thresholds are adopted annually by Council as an indicator of whether the actual expenditure or revenue varies from the year to date Actual materially. The material variance adopted by Council for the 2021-22 year is \$40,000 or 10.00% whichever is the greater.

Reporting Program	Var. \$	Var. %		Timing/ Permanent	Explanation of Variance
	\$	%			
Revenue from operating activities					
					 Insurance Claim Payment (unbudgeted) Could Could be access to be access
	(205 407)	(25.450())	_	Deverence	Credit Card Income Increase
Governance	(395,197)	(35.15%)	•	Permanent	 Transfers from Contract Liability Pending Increase in rate revenue
					 Increase in rate revenue Interest Earnings - Reduction due to low interest
					rates
General purpose funding - other	2,919,734	144.80%		Timing	▲ Advance payment of FAGS Grants
					 Funding timing for TP Emergency Services
					Precinct.
					▼ Funding timing Contribution Income - RTIO (TP
					Emergency Services Precinct) Funding Pending Grant Income (BFB Reimbursements)
Law, order and public safety	(909,279)	(93.60%)	•	Timing	 Fending Grant monite (BFB Kennoul sements) Transfers from Contract Liability Pending
Law, order and public safety	(505,275)	(55.0070)	•		 Decrease in Housing Other income
					 Decrease in Housing Reimbursements
Housing	79,749	25.70%		Timing	▲ Increase in 7 Anketell Crt Rental
					Budget profile timing variances
					Incorrect allocation of grant funding
					Budget Profile timing of RRG Funding
					▼ Decrease in flood damage income
Transact			_	.	Proceeds from Sale of Scrap - Budget +
Transport	(3,039,338)	(40.33%)	•	Timing	▲ Increase in airport income +
					▲ Increase in Caravan Park Income.
					▲ Increase in TP Visitor Cenre Souvenirs Income
					▲ Increase in TP information Bay Funding
Economic services	(209,688)	(11.08%)	▼	Timing	▲ Increase in Building Fees & Licenses - Budget +
xpenditure from operating activities					
					Variance in Salary & Wages
					Variance in computer expense Variance in Admin allocations
Governance	826,552	15.36%		Timing	
					Housing Allocations currently pending
					Variance in Admin Allocations
				_	Budget profile budget variances
Law, order and public safety	949,966	53.02%		Timing	Decrease in CLIP program costs
Health	00.011	45 470/		Timing	Variance in Admin Allocations
Italui	80,911	15.17%	-	Timing	Budget profile budget variances Variance in Admin Allocations
Education and welfare	62,386	17 53%		Timing	Budget profile budget variances
	02,380	17.5570	-	B	Variance in Admin Allocations
					Housing allocations currently pending
Housing	(1,483,095)	(87.71%)	▼	Timing	Budget profile budget variances
					Variance in Admin Allegations
					Variance in Admin Allocations Budget profile budget variances
					Salary and Wages Variance
					 Decrease in Consultancy expense
					▼ Decrease in Refuse Collection Expenses
Community amenities	1,992,338	21.64%		Timing	▼ Decrease in Plibrar Wastee Facility Expense

NOTE 15 EXPLANATION OF MATERIAL VARIANCES

The material variance thresholds are adopted annually by Council as an indicator of whether the actual expenditure or revenue varies from the year to date Actual materially. The material variance adopted by Council for the 2021-22 year is \$40,000 or 10.00% whichever is the greater.

Reporting Program Var. \$ Var. % Timing/ Permanent Explanation of Variance ▼ Decrease in Strategic Planning Projects consultancy ▼ Drecrease in Nameless Festival Rtio Sponsorship ▲ Increase in Cleam Thompson Oval & Surrounds ▼ Decrease in Old MPC ▼ Increase in Donation to Community Group -Compliance Decrease In Paraburdoo Chub-Utilities ▲ Increase in Building Program Onslow Museum (repositioned from Capex) ▼ Decrease In Pannawoncia Projects Variance in Admin Allocations Recreation and culture 17.46% 🔺 Timing Variance in employee costs 2,793,465 Decrease in Road Flood Damage works Decrease in Rural Access Road works T Decrease in Airport expenditure Variance in Admin Allocations Budget profile budget variances Transport 3,409,648 17.18% **▲** Timing ▲ Increase in Rio Tino Covid 19 (20/21) ▼ Decrease in SOA Anniversary Celebration Decrease in OV Caravan Park operations Decrease in Onslow Water Tanks (artworks) ▼ Decrease in Tourism Promotion Decrease in Donations Onslow V/Centre ▼ Decrease in Astro & Geotourim Initiatives ▲ Increase in L&AC Consultancy Variance in employee costs Variance in Admin Allocations Depreciation allocations currently pending Economic services 1,407,625 24.21% **A** Timing Budget profile budget variances Variance in Admin Allocations Variance in employee costs Other property and services Budget profile budget variances 44.73% 🔺 Timing 760,722 Investing activities Proceeds from non-operating grants, subsidies and contributions (36.21%) **V** Timing Budget profile timing on receipt of grants (9,261,091) Proceeds from disposal of assets Budget profile timing (114,966) (32.10%) ▼ Timing Payments for property, plant and equipment and Budget profile timing infrastructure 34,501,904 47.32% 🔺 Timing **Financing actvities** Transfers currently pending Transfer from reserves (55,580,799) (143.64%)



13.1A - Proposed renewal of the Memorandum of Understanding (DFES)





MEMORANDUM OF UNDERSTANDING

between the

DEPARTMENT OF FIRE AND EMERGENCY SERVICES

AND

SHIRE OF ASHBURTON

FOR

MANAGEMENT AND CONTROL OF BUSH FIRE BRIGADES AND BUSH FIRE AND EMERGENCY SERVICES IN THE PILBARA REGION OF WESTERN AUSTRALIA

1. PURPOSE

This Memorandum of Understanding (**MOU**) between the Shire of Ashburton (the **local government**) and the Department of Fire and Emergency Services (**DFES**) will document the assistance provided by DFES to the local government to manage and control bush fire brigades and bush fire response within the Pilbara region under the *Bush Fires Act 1954*. This MOU will address administration, management, training and incident response activities.

This MOU does not constitute and shall not be deemed to constitute any legally binding or enforceable obligations or relations between the parties. This MOU is instead a non-legally binding and unenforceable statement of current intent.

2. DEFINITIONS & INTERPRETATION

In this MOU:

BF Act means Bush Fires Act 1954

FES Commissioner means the Fire and Emergency Services Commissioner referred to in section 3 of the *Fire and Emergency Services Act* 1998

Local Government means the Shire of Ashburton and includes all agents or contractors working for or under the control of the Shire of Ashburton.

Words or phrases used in this MOU, and defined in the BF Act, shall bear the same meaning attributed to them in the BF Act.

3. MOU OBJECTIVES

The intent of this MOU is for the Local Government to work collaboratively with the FES Commissioner during the trial so as to consider and reach a conclusion on the following objectives at the completion of the trial period -

- a) the appropriateness of a centralised emergency management agency, and the handover of all firefighting capability, to the control of the Department of Fire and Emergency Services; and
- b) amendments to legislation (or other agreements as required).

While the Local Government will work with the Department of Fire and Emergency Services on the intent of this MOU throughout the trial period, the Local Government expect that the Department of Fire and Emergency Services will provide a leadership role in all matters affecting fire and emergency management services and incidents in the Pilbara.

4. LEGISLATIVE RESPONSIBILITIES

Local Government has legislative responsibility under the BF Act for the prevention, control and extinguishment of bush fires in their local government area.

Under section 38A of the BF Act, the FES Commissioner may designate a person employed in the Department as Chief Bush Fire Control Officer (CBFCO). Pursuant to that section:

- (1) At the request of a local government the FES Commissioner may designate a person employed in the Department as the Chief Bush Fire Control Officer for the district of that local government.
- (2) Where a Chief Bush Fire Control Officer has been designated under subsection (1) for a district the local government is not to appoint a Chief Bush Fire Control Officer under section 38(1).

5. ACKNOWLEDGMENTS AND UNDERTAKINGS BY THE LOCAL GOVERNMENT

5.1 Chief Bush Fire Control Officer

The Local Government will each request the FES Commissioner to appoint a CBFCO under s38A of the BF Act for the duration of this arrangement.

The Local Government acknowledge that any prevention functions under Part III of the BF Act will remain the primary responsibility of the Local Government.

5.2 By-Laws

The Local Government will maintain by-laws (where applicable) to ensure the CBFCOs have overall management and control of bush fire brigades for the duration of this arrangement.

5.3 Workspace

If from time to time the CBFCOs are required to work from the local government offices, the Local Government shall ensure a workspace is made available for their use.

Where training, incidents, exercises and meetings are conducted within the Shire of Ashburton in accordance with this MOU, the Shire of Ashburton may provide DFES employees with accommodation at their shire owned accommodation facilities, if available, for the duration of the training, incident, exercise and meeting.

5.4 Reporting of Incidents

If a local government becomes aware of an incident they are to promptly inform DFES of the incident and, if possible, the bush fire brigade shall attend at the incident and commence a response to the incident in accordance with any directions that may be given by the CBFCO.

5.5 Ownership of Assets and Vehicles

All appliances, equipment and apparatus of bush fire brigades will remain the property of the Local Government.

5.6 Insurance

The Local Government will continue to maintain a policy of insurance for volunteer bush fire brigade members and for all appliances, equipment and apparatus of bush fire brigades in accordance with section 37 of the BF Act.

6. ACKNOWLEDGMENTS AND UNDERTAKINGS BY DFES

6.1 Nominated DFES Personnel

Upon receiving a request from a local government, the FES Commissioner will appoint a DFES staff member as CBFCO for the local government for the duration of this MOU.

DFES utilises the Australasian Interservice Incident Management System (AIIMS) for incident management. DFES personnel nominated for appointment as CBFCO will be trained to the competencies identified by DFES as being required to effectively manage incidents.

6.2 Administration and Management of Bush Fire Brigades

The CBFCO will carry out administration and management of bush fire brigades, including reporting and financial activities, on behalf of the local government.

6.3 Training

DFES will provide training to bush fire brigades through the CBFCO. Training could be conducted on the local government's land or premises.

6.4 Suspension of 000 Service Agreement

The 000 Service Agreement between DFES and the Local Government will be suspended for the duration of this MOU. Emergency calls received by the DFES Communications Centre will be managed by the CBFCO at brigade level during this time.

7. DURATION AND AMENDMENT

This MOU will remain in force for an initial period of three (3) years with an option to extend for a further period by written agreement of all parties.

This MOU shall not be altered, varied or modified in any respect except by agreement in writing signed by all parties.

8. DISPUTE RESOLUTION

The parties must first attempt to resolve any dispute arising between them in relation to any matter the subject of this MOU, by way of conference and negotiation. The parties must confer and negotiate within seven days after receiving a notice from the other party setting out the nature of the dispute.

If the issue cannot be resolved by negotiation then the matter of dispute is to be conferred, deliberated and resolved by the FES Commissioner and the Local Government' CEOs.

9. TERMINATION

This MOU may be terminated by:

- (a) mutual agreement of both parties in writing at any time; or
- (b) at any time for any reason by either party by giving one month's notice in writing to the other party.

Attachment 13.1A - Proposed renewal of the Memorandum of Understanding

10. NOTICES

Notices or other communications by each party to each other and under this MOU must, unless otherwise notified in writing, be addressed and forwarded as follows:

DFES FES Commissioner Department of Fire and Emergency Services PO Box P1174 PERTH WA 6844

SHIRE OF ASHBURTON

Chief Executive Officer PO BOX 567 TOM PRICE WA 6751

11. ASCENDANCY OF LEGISLATION

The parties recognise that the relevant legislation of or applicable in Western Australia (including subsidiary legislation) prevails over this MOU to the extent of any inconsistency.

MEMOR	ANDUM OF UNDERST	ANDING
This M	emorandum of Understanding is	s made
	BETWEEN THE	
	tment of Fire and Emergency Se 20 Stockton Bend COCKBURN CENTRAL WA 6164	
	AND	
	Shire of Ashburton Lot 246 Poinciana Street TOM PRICE WA 6751	
and will tak	ke effect from the date of the las	t signature
SIGNED for and on behalf of	the Department of Fire and Emerg	ency Services by:

Attachment 13.1A - Proposed renewal of the Memorandum of Understanding

SIGNED for and on behalf of the Shire of Ashburton: 13 **ROB PAULL** CHIEF EXECUTIVE OFFICER Signature Date

Attachment 13.1A - Proposed renewal of the Memorandum of Understanding

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13.1B - Proposed renewal of the Memorandum of Understanding (DFES)

Attachment 13.1B - Proposed renewal of the Memorandum of Understanding





Pilbara Region Bush Fire MOU

OPERATIONAL GUIDELINES

MAY 2022

Pilbara Region Bush Fire MOU – Operational Guidelines

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1. Document History

DFES Content Manager: KT22941 - Pilbara Region – Bush Fire Transfer of Control MOU, Document KT22/00181

DATE	VERSION	DESCRIPTION OF CHANGE
14/03/2016	А	Initial issue tabled at DOAC for comment on 16/03/2016.
21/03/2016	В	Incorporate initial feedback from DOAC meeting: Added retention of existing turn out
		procedures for brigades. Amended Appendix
		1 to better reflect role of CBFCO.
22/03/2016	С	Incorporate additional feedback.
07/04/2016	D	Further revision post feedback on amendments suggested by City of Karratha.
20/02/2020	V1	Complete Regional Staff Review of Concept of Operations
01/07/2021	V1 2021	Complete Regional Staff Review and document format review
May 2022	V1 2022	Complete Review by LGs and DFES

2. Introduction

A Memorandum of Understanding (MOU), outlining acknowledgements and undertakings by DFES and the five (5) Pilbara Local Governments (LGs) has been developed and approved by the FES Commissioner and all 5 LG's.

The purpose of this document is to detail how the underpinning intent of the MOU will be applied to daily bush fire activities within the DFES Pilbara region.

3. Purpose of MOU

DFES will assist the local governments to carry out their responsibilities under the Bush Fires Act 1954 (BF Act) for management and control of bush fire brigades and bushfire and emergency services within the Pilbara Region. These arrangements will address administration, management, training, and incident response activities.

The MOU will comply with the requirements set out in the BF Act and the Pilbara Region Bush Fire MOU Operational Guidelines

Pursuant to the intent of the MOU, responsibilities for bushfire prevention, preparation and recovery, as prescribed in the *Bush Fires Act 1954*, will remain with LGs. Notwithstanding that, DFES will continue to provide advice and practical assistance to the LGs in meeting these responsibilities in line with past practice.

4. Financial Arrangements

In accordance with item 6.2 of the MOU, DFES will carry out administration and management of bush fire brigades, including reporting and financial activities, on behalf of the LGs. This will include:

- Overall management of the brigade's LGGS budget
- Management of LGGS eligible servicing of vehicles, plant and equipment unless otherwise agreed
- Management of LGGS eligible maintenance of buildings
- Payment of LGGS approved accounts for services, utilities and consumables
- Maintenance of expenditure records
- Preparation of reports for LGGS acquittal of expenditure
- Preparation of LGGS submissions for LG approval.

As detailed in item 5.7 of the MOU, LGs will continue to maintain a policy of insurance for bushfire brigade members and for all appliances, equipment, apparatus and facilities in accordance with Part 6B of the *Fire and Emergency Services Act 1998* and current practice.

The cost of these insurances and other LGGS eligible expenditure will be reimbursed to LGs from the LGGS upon receipt of an invoice to DFES at the end of each financial quarter.

5. Brigade Administration

5.1. Training

The DFES volunteer Bush Fire Service Training Program will form the basis of all training made available to Pilbara bush fire brigades. A range of training courses will be made available to brigades as detailed in APPENDIX 1 – Bush Fire Service Training Program.

DFES will undertake ongoing training needs analysis, in consultation with each bush fire brigade, and develop an annual training calendar to meet the brigade's training needs. The training calendar will be posted on the DFES volunteer portal and will be accessible to all bush fire brigade members.

DFES will maintain a record of all training undertaken by brigade members.

DFES will liaise with bush fire brigades regarding delivery of training to ensure that current and aspiring volunteer trainer/assessors can deliver training within their brigade if they so desire. Where volunteers are not available to deliver training, DFES will provide the trainer/assessor.

5.2. Brigade Oversight and Support

In addition to programmed training, DFES will conduct a minimum of four (4) formal brigade visits per year to undertake drills with the brigade, review the condition of plant and equipment, provide information on emergency services developments and initiatives, and seek feedback on the functionality of the MOU.

These visits will be in addition to regular ongoing communication and dialogue between the DFES CBFCO and the brigade.

DFES will also assume responsibility for the purchase of all PPC, equipment and consumables required by the brigade.

5.3. Vehicle Maintenance

The intent of these arrangements is for the servicing and repair of LGGS approved vehicles to be the responsibility of DFES, with the LGGS approved vehicles to be incorporated in to DFES fleet maintenance schedule and serviced via DFES service providers, however if the LG elects to continue to maintain and repair vehicles through their existing arrangements, this will be accommodated.

Where a brigade requires assistance with conveying vehicles to and from the service provider, DFES will assist.

5.4. Vehicle Registration

As detailed in item 5.6 of the MOU, all appliances, equipment and apparatus of bush fire brigades will remain the property of the LG. As such, vehicles will continue to be registered by the LG with costs reimbursed by DFES as per the financial arrangements.

5.5. Property Maintenance

Responsibility for eligible property maintenance, as identified in the LGGS Manual for Capital and Operating Grants, including utility costs associated with LG properties will be determined through consultation between DFES and the LG. In instances where the LG retains responsibility for the maintenance, repair and payment of utilities to Brigade buildings through their existing arrangements, payments will be made by DFES as per the financial arrangements.

If the LG elects to transfer responsibility for building maintenance, repairs and utility costs, DFES will ensure that utility providers are notified, and such services be invoiced directly to DFES. DFES will be responsible for the payment of costs incurred for all required repairs, maintenance and

utility costs to LGGS approved buildings and structures. All such payments will be made from the approved LGGS budget.

5.6. Incident Reporting

DFES will endeavour to have all brigades equipped and trained to complete Incident Reports electronically. Where a brigade does not have access to computer equipment, they may submit a paper incident report form to the DFES CBFCO who will enter the details in the Incident Reporting System (IRS).

6. CBFCO, DCBFCO and FCO

6.1. CBFCO

As detailed in Item 4.2 of the MOU, each LG has requested the FES Commissioner to designate a DFES employee as CBFCO for the duration of the MOU.

The duties of the Chief Bush Fire Control Officer include -

- provide leadership to volunteer bush fire brigades
- monitor bush fire brigades' resourcing, equipment (including protective clothing) and training levels and report thereon with recommendations at least once a year to the local government
- liaise with the local government concerning fire prevention / suppression matters generally
- ensure that bush fire brigades are registered with the local government and that lists of brigade members are maintained.

6.2. DCBFCO

The LG will appoint a DCBFCO to maintain powers under the *Bush Fires Act 1954* to facilitate the execution of duties related to prevention, preparedness and enforcement.

For the MOU to fully capitalise on the opportunity to achieve a net enhancement in bush fire response capability across the Pilbara region, LG personnel with fire management skills will continue to be made available to support bush fire operations in the region. This would be done in accordance with criteria for the provision of a DCBFCO as developed with each LG and listed in APPENDIX 3.

Wages for existing LG personnel made available to support bush fire operations will be via LG normal payroll procedures and at no costs to DFES. Wages are not eligible under the LGGS.

6.3. FCOs

LGs will appoint FCOs for the purposes of bush fire control and issuing of permits within each LG area. DFES will make training available to maintain and expand the LGs FCO capacity.

7. Bushfire Response Outside of Gazetted Fire Districts

In accordance with Item 6.4 of the MOU, the "000 Service Agreement" between DFES and LG has been suspended for the duration of the arrangement. Emergency calls received by the DFES Communications Centre (ComCen) are either directed to the responsible Brigade as per their identified response areas, or directed to the DFES Regional Duty Coordinator (RDC).

To maintain an efficient response to bush fires under the MOU, the mobilisation process detailed at APPENDIX 2 is to be utilised.

It is recognised that differences in local risks and brigade capabilities exist across the Pilbara region and as such the establishment of a single criteria to determine whether a report of a remote fire should be assessed prior to mobilising brigades or not will vary from location to location. As such, the RDC will be responsible for dispatch of brigades outside of their identified response areas.

Existing systems for mobilising volunteer resources will be retained at each bush fire brigade unless otherwise agreed between the brigade and DFES CBFCO.

8. Role of DFES Regional Duty Coordinator

In addition to the duties detailed in Part 5 of the *Western Australian Fire and Emergency Services Manual*, the DFES Regional Duty Coordinator (RDC) will be responsible for the following activities:

- Reviewing Landgate satellite remote sensing twice daily to maintain awareness of bushfire activity across the Pilbara region
- Modelling predicted fire spread utilising Landgate's Aurora Fire Watch simulator
- Liaising with DFES CBFCOs and lease holders or occupiers of land affected by bushfire (where relevant) to determine levels of risk and bushfire management objectives
- Determining the escalation potential of fires in consultation with DFES CBFCOs and developing trigger points and strategies for further action
- Reviewing fire weather forecasts each afternoon and informing DFES CBFCOs, DCBFCOs and bush fire brigades of pending fire weather warnings; and
- Applying the process prescribed in *DFES Standard Administrative Procedure (SAP) 3.5.A* for the management of Total Fire Bans in the region.

9. Total Fire Ban Administration

DFES will continue to administer the Total Fire Ban (TFB) process in accordance with *DFES SAP 3.5.A*. DCBFCOs will continue to be engaged by DFES when a TFB is likely to be declared and once declared.

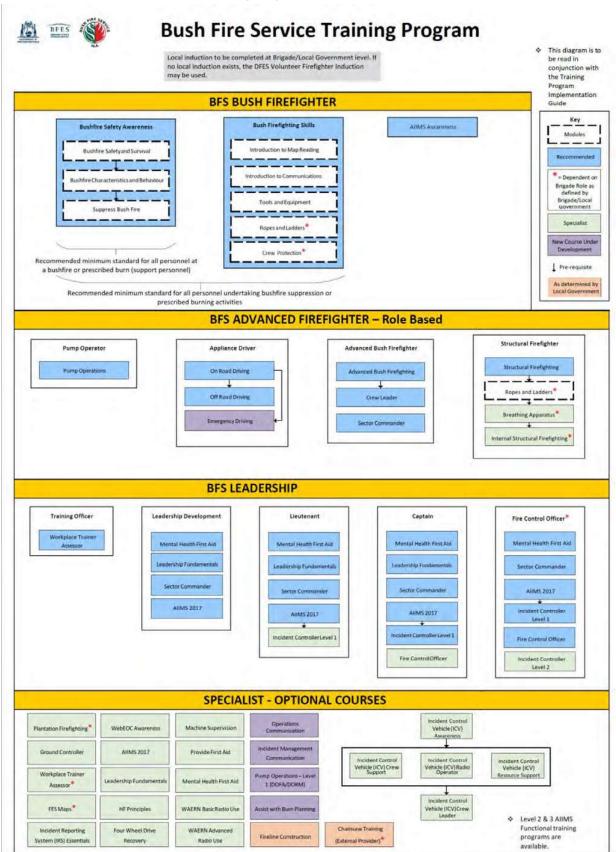
10. Fireworks Permits

The DFES CBFCO will process Fireworks Applications in accordance with *DFES SAP 3.17.B.* DCFCOs will be consulted to ensure that current local conditions are considered during the approvals process.

11. Dispute Resolution

Item 8 of the MOU addresses the dispute resolution process culminating in escalation of the dispute to the FES Commissioner and LG CEO.

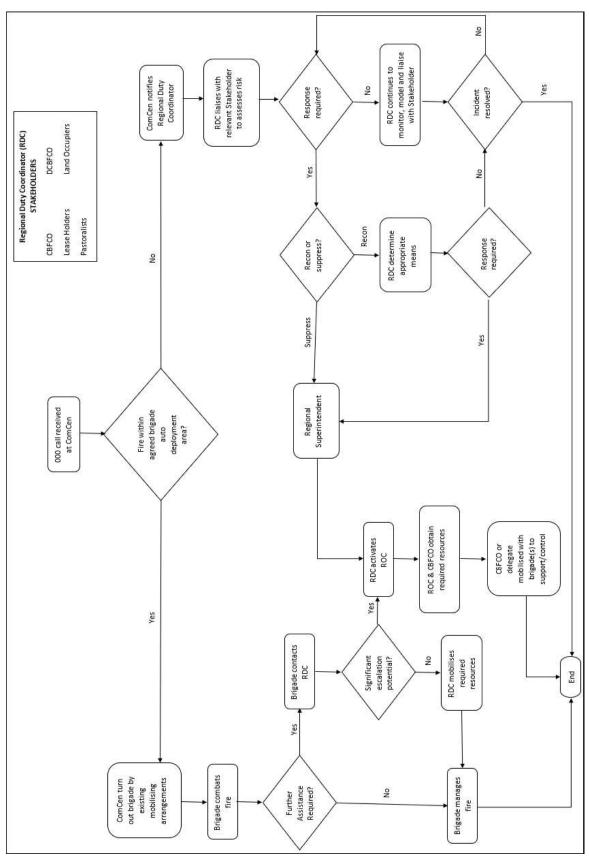
In accordance with the MOU, it is expected that endeavours to resolve any issues arising from these arrangements will be made at the local/regional level in the first instance. This will enable expeditious identification of emerging issues and provide the earliest opportunity for resolution.



APPENDIX 1 - Bush Fire Service Training Program







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Pilbara Region Bush Fire MOU – Operational Guidelines

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APPENDIX 3 – LG Criteria for Provision of DCBFCO at Bushfires

Local Government	LG criteria for provision of DCBFCO	Contact Person	Contact Details	Other Comments
Shire of Ashburton	Contact DBCFCO Directly	Captain Tom Price BFB Wayne Hatton	Mobile: 0448 894 035 Email: captain@tpbfb.com.au	
Shire of East Pilbara	Contact DBCFCO Directly	Manager Community Safety Brent Stein	Phone: (08) 9175 8000 Mobile: 0409 772 999 Email: mcs@eastpilbara.wa.gov.au	
Shire of Exmouth	Contact DBCFCO Directly	Compliance and Emergency Services Coordinator Colin Walker	Phone: (08) 9949 3082 Mobile: 0427 491 399 Email: cesc@exmouth.wa.gov.au	
City of Karratha	Contact DBCFCO Directly	Ranger Services Coordinator Robin Davies	Office : (08) 9186 8535 Mobile: 0417 998 031 Email: robin.davies@karratha.wa.gov.au	
Town of Port Hedland	Contact DBCFCO Directly	Ranger & Emergency Services Advisor Keith Squibb	Office: (08) 9158 9738 Mobile: 0427 701 065 Email: ksquibb@porthedland.wa.gov.au	

Pilbara Region Bush Fire MOU – Operational Guidelines

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13.1C - Proposed renewal of the Memorandum of Understanding (DFES)

MEMORANDUM OF UNDERSTANDING (Non-Binding)

BETWEEN THE

Department of Fire and Emergency Services ABN: 39 563 851 304 20 Stockton Bend Cockburn Central WA 6164

AND

SHIRE OF ASHBURTON

ABN: 45 503 070 070 PO Box 567 Tom Price WA 6751

SHIRE OF EAST PILBARA

ABN: 47 854 334 350 PMB 22 Newman WA 6753

SHIRE OF EXMOUTH

ABN: 32 865 822 043 PO Box 21 Exmouth WA 6707

CITY OF KARRATHA

ABN: 83 812 049 708 PO Box 219 Karratha WA 6714

TOWN OF PORT HEDLAND

ABN: 19 220 085 226 PO Box 41 Port Hedland WA 6721

FOR

ONGOING MANAGEMENT AND CONTROL OF BUSH FIRE BRIGADES AND BUSH FIRE RESPONSE IN THE PILBARA REGION OF WESTERN AUSTRALIA

DFES File Reference	D23611
LG File Reference	N/A

1. PURPOSE

This Memorandum of Understanding (**MOU**) is intended to identify and document the arrangements between the City of Karratha, Shire of Ashburton, Shire of East Pilbara, Shire of Exmouth and Town of Port Hedland (collectively **the LG**) to manage and control bush fire brigades (**BFBs**) and bush fire response within the Pilbara region.

DFES will assist the local governments to carry out their responsibilities under the *Bush Fires Act 1954* (BF Act) for management and control of bush fire brigades and bushfire and emergency services within the Pilbara Region. These arrangements will address administration, management, training, and incident response activities.

The MOU will comply with the requirements set out in the **BF Act** and the Pilbara Region Bush Fire MOU Operational Guidelines.

This MOU does not constitute and shall not be deemed to constitute any legally binding or enforceable obligations or relations between the parties. This MOU is instead a non-legally binding and unenforceable statement of current intent.

2. DEFINITIONS & INTERPRETATION

In this MOU:

BF Act means Bush Fires Act 1954

FES Commissioner means the Fire and Emergency Services Commissioner referred to in section 3 of the *Fire and Emergency Services Act* 1998

The LG means the local governments of the City of Karratha, the Shire of Ashburton, the Shire of East Pilbara, the Shire of Exmouth and the Town of Port Hedland and includes all agents or contractors working for or under its control

CBFCO means the Chief Bush Fire Control Officer designated for the LG.

Words or phrases used in this MOU, and defined in the BF Act, shall bear the same meaning attributed to them in the BF Act.

3. MOU OBJECTIVES

The intent of this MOU is for the LG to work collaboratively with the FES Commissioner to:

- 3.1 Coordinate and centralise the management of all firefighting capability controlled by DFES in the LG; and
- 3.2 To finalise a unilateral agreement for a centralised Emergency Management Agency under the control of DFES, when an appropriate legislative framework exists to support this outcome; and
- 3.3 DFES will provide a leadership role in all matters affecting fire and emergency management services and incidents in the Pilbara Region.

4. LEGISLATIVE RESPONSIBILITIES

- 4.1 Local governments have legislative responsibility under the BF Act for the prevention, control, and extinguishment of bush fires in their local government area.
- 4.2 Under section 38A of the BF Act, the FES Commissioner may designate a person employed in the Department as CBFCO. Pursuant to that section:
 - (a) At the request of a local government, the FES Commissioner will designate a person employed in the Department as the CBFCO for the district of that local government.
 - (b) Where a CBFCO has been designated under subsection (1) for a district, the local government is not to appoint a CBFCO under section 38(1).

5. ACKNOWLEDGMENTS AND UNDERTAKINGS BY THE LG

5.1 **BF Act Responsibilities**

The LG will maintain responsibility for all prevention functions under Part 3 of the BF Act.

5.2 **Chief Bush Fire Control Officer**

The LG will request the FES Commissioner to designate a CBFCO under section 38A of the BF Act for the duration of this arrangement.

5.3 Local Law

The LG will maintain local laws (where applicable) to ensure the CBFCO has overall management and control of bush fire brigades for the duration of this arrangement.

5.4 Workspace and Accommodation

If the CBFCO is required to work from the LG offices, the LG shall ensure a workspace is made available for their use.

The LG will allow for DFES to conduct BFB volunteer training at their premises or on their land.

Where training, exercises and meetings are conducted within the LG in accordance with this MOU or for incidents occurring within the vicinity of the LG, the LG may accommodate DFES employees at their accommodation facilities (if available) for the duration of the training, exercise, meeting, or incident.

5.5 **Reporting of Incidents**

If the LG becomes aware of an incident, they are to promptly inform DFES of the incident and, if possible, the bush fire brigade shall attend at the incident and commence a response to the incident in accordance with any directions that may be given to the CBFCO.

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5.6 **Ownership of Assets and Vehicles**

All appliances, equipment, and apparatus of the BFB will remain the property of the LG.

5.7 Insurance

The LG will continue to maintain a policy of insurance for all volunteer fire brigade members and for all appliances, equipment, and apparatus in accordance with Part 6B of the *Fire and Emergency Services Act 1998*.

5.8 Support of the CBFCO

Upon request, the LG will continue to support response activities through the provision of the Deputy Chief Bush Fire Control Officer (D/CBFCO) operationally as the situation demands.

5.9 Support to transition to Industry Best Practice

The LG will support DFES' efforts to have bush fire brigades adhere to DFES SOPs, Code of Conduct, policies, and procedures.

6. ACKNOWLEDGMENTS AND UNDERTAKINGS BY DFES

6.1 **DFES Employee as CBFCO**

The FES Commissioner has designated a DFES Pilbara employee as the CBFCO for the LG for the duration of this MOU. The LG will be notified of the designation and any changes to the designation.

6.2 Administration and Management of Bush Fire Brigades

The CBFCO will carry out administration and management of BFBs, including reporting and financial activities, on behalf of the LG.

6.3 Training

DFES utilises the Australasian Interservice Incident Management System (AIIMS) for incident management.

The DFES employee appointed as the CBFCO will be trained to the competencies identified by DFES as being required to effectively manage incidents.

DFES, through the CBFCO, will provide training to BFB volunteers. The training may be conducted on the LG's land or premises.

6.4 Suspension of 000 Service Agreement

The 000 Service Agreement between DFES and the LG will be suspended for the duration of this MOU.

Emergency calls received by the DFES Communications Centre will be managed through established procedures and protocols. BFB response areas and mobilisation arrangements will be maintained by DFES Pilbara Region.

7. REVIEW AND AMENDMENT

- 7.1 This MOU will remain in force from the date of the last signature until it is terminated in accordance with clause 9.
- 7.2 This MOU will not be altered, varied or modified in any respect except by agreement in writing and signed by both parties.
- 7.3 This MOU will be reviewed by the parties every 5 years. The parties are required to confirm in writing their acceptance to continue the MOU on the same terms and arrangements.

8. DISPUTE RESOLUTION

The parties must first attempt to resolve any dispute arising between them in relation to any matter the subject of this MOU, by way of conference and negotiation. The parties must confer the nature of the dispute.

If the issue cannot be resolved by negotiation then the matter of dispute is to be conferred, deliberated, and resolved by the FES Commissioner and the LG CEO.

9. TERMINATION

This MOU may be terminated by:

- (a) mutual agreement of both parties in writing at any time; or
- (b) at any time for any reason by either party by giving one month's notice in writing to the other party.

10. NOTICES

Notices or other communications by each party to each other and under this MOU must, unless otherwise notified in writing, be addressed and forwarded as follows:

DFES	City of Karratha
FES Commissioner	CEO
Emergency Services Complex	Lot 1083 Welcome Road
20 Stockton Bend	Karratha WA 6714
COCKBURN CENTRAL WA 6164	
(Postal)	(Postal)
PO Box P1174	PO Box 219
PERTH WA 6844	KARRATHA WA 6714
Email:	Email: <u>enquiries@karratha.wa.gov.au</u>
pilbara.reception@dfes.wa.gov.au	

Shire of Ashburton	Shire of East Pilbara		
CEO	CEO		
Lot 246 Poinciana Street	Corner Kalgan & Newman Drives		
Tom Price WA 6751	Newman WA 6753		
(Postal)	(Postal)		
PO Box 567	PMB 22		
TOM PRICE WA 6715	NEWMAN WA 6753		
Email: soa@ashburton.wa.gov.au	Email: admin@eastpilbara.wa.gov.au		
Shire of Exmouth	Town of Port Hedland		
CEO	CEO		
2 Truscott Crescent	13 McGregor St		
Exmouth WA 6707	Port Hedland WA 6721		
(Postal)	(Postal)		
PO Box 21	PO Box 41		
EXMOUTH WA 6707	PORT HEDLAND WA 6721		
Email: info@exmouth.wa.gov.au	Email: council@porthedland.wa.gov.au		

11. ASCENDANCY OF LEGISLATION

The parties recognise that the relevant legislation of or applicable in Western Australia (including subsidiary legislation) prevails over this MOU to the extent of any inconsistency.

12. STANDING REQUEST UNDER SECTION 13(4) OF THE BUSH FIRES ACT 1954

If a bush fire is burning the district of the LG on land other than conservation land, and the CBFCO is unable or unavailable to attend the bush fire, the LG hereby requests that the FES Commissioner authorise a bush fire liaison officer or another person to take control of all operations in relation to that fire pursuant to section 13(4) of the *Bush Fires Act 1954*.

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Attachment 13.1C- Proposed renewal of the Memorandum of Understanding

13. SIGNATORIES

SIGNED for and on behalf of the **Department of Fire and Emergency Services** by:

DARREN KLEMM AFSM DATE: / /2022 COMMISSIONER

SIGNED for and on behalf of the **City of Karratha** by:

CHRIS ADAMS DATE: / /2022

CHIEF EXECUTIVE OFFICER

SIGNED for and on behalf of the Shire of Ashburton by:

KENN DONOHOE

DATE: / /2022

CHIEF EXECUTIVE OFFICER

MOU - Management and Control of the BFBs and Bush Fire response in the Pilbara region

Attachment 13.1C- Proposed renewal of the Memorandum of Understanding

SIGNED for and on behalf of the Shire of East Pilbara by:

STEVEN HARDING DATE: / /2022

CHIEF EXECUTIVE OFFICER

SIGNED for and on behalf of the Shire of Exmouth by:

BEN LEWIS DATE: / /2022 CHIEF EXECUTIVE OFFICER

SIGNED for and on behalf of the Town of Port Hedland by:

CARLASKEW DATE: / /2022

CHIEF EXECUTIVE OFFICER



13.2A -DAP Application 21-02078_DA 22-40 L300 Back Beach Road, Onslow



Government of Western Australia Development Assessment Panels

DAP FORM 2

Application for amendment or cancellation of a Development Assessment Panel determination

Planning and Development Act 2005 Planning and Development (Development Assessment Panels) Regulation 2011 – regulations 17 and 20

Part A: Development Application Previously Determined

DAP File No (DPLH Reference)	DAP/21/02078			
Planning Scheme(s)	Name of planning scheme(s) that applies to the prescribed land Shire of Ashburton Local Planning Scheme No. 7			
Land	Lot number, street name, town/suburb Lot 300 (No. 5) Back Beach Road, Onslow			
Certificate of Title (provide copy)	Volume Number Folio 4014 669 Location Number Plan / Diagram Number 422325			
Description of development	The proposal seeks to obtain development approval for a variety of high quality boutique FIFO residential suites and other amenities.			
Existing Use	Residential / Commercial / Industrial / Rural / Mixed Use / Other Mixed Use			
Proposed Amendments	Condition Amendments and Minor Building modifications			
Original DAP Determination Date	23 December 2021			

Part B: Applicant Details

(to be completed and signed by the applicant)

I understand that	his notice, I declare that all the information provided in the at the information provided in this notice, and attached for ole to the public on the Development Assessment Panel a	ming part of the development application will		
Name	Adrian Dhue			
Company	Rowe Group			
Address	Street Number/PO Box number, street name, suburb, state, postcode 3/369 Newcastle Street, Northbridge, WA, 6003			
Email Phone Contact Details adrian.dhue@rowegroup.com.au 0412 498 509				
Signature	des	Date 1.06.2022		

Page 1

Part C: Landowner Details

(to be completed and signed if landowner is different from applicant)

- By completing this notice, consent is provided to submitting this application.
- If there are more than two landowners, please provide all relevant information on a separate page.
- Signatures must be provided by all registered proprietors or by an authorised agent as shown on the Certificate of Title.
 Alternatively, a letter of consent, which is signed by all registered proprietors or by the authorised agent, can be
- Alternatively, a letter of consent, which is signed by all registered proprietors of by the authorised agent, can provided.
- Companies, apart from sole directors, are required to provide signatories for two directors, a director and the company seal or a director and a company secretary.

Company (if applicable)	Buurabalayji Thalanyji Aboriginal Corpo	pration ('BTAC')			
Contact Details	Email Phone c/- Lance.Perry@mrl.com.au 9317 8696				
Address	Street Number/PO Box number, street name, suburb, state, postcode 10 Lyall Street, South Perth, WA, 6151				
Name/s	Tracy Huckerby	Veronica Rodenburg			
Title/s	Landowner/Sole Director/Director (2 signatures required) Director - BTAC	Additional Landowner/ Director/Secretary (if applicable) CEO - BTAC			
Signature/s	Graey Alickenso.	wherenburg			
Date	27 5 12022	30/5/2022			

Part D: Amendment Requested

Please specify the amendments/modifications required to the original determination. [please tick one more of the following]:
to amend the approval so as to extend the period within which any development approved must be substantially commenced;
to amend or delete any condition to which the approval is subject;
to amend an aspect of the development approved which, if amended, would not substantially change the development
approved;
to cancel the approval.

Part E: Local government acceptance for assessment

(to be completed and signed by a local government planning officer)

Responsible Authority	X Local Government Western Australian Planning Commission Dual – Local Government and Western Australian Planning Commission Building Management and Works (Department of Finance) - Public Primary School Applications				
DAP Fee	245.00 has been paid by the applicant (DAP Regulations - Schedule 1)				
	X 60 days (advertising not required) □ 90 days* (advertising required or other scheme pro	vision)			
Statutory Timeframe (regulation 12)	*If 90 days is selected, please provide details of advertising requirement or other scheme provision				
LG Reference Number	DA 22-40				
Name of Planning Officer (Report Writer)	Benjamin Leavy				
Position/Title	Statutory Planning Officer				
Contact Details	EmailPhonebenjamin.leavy@ashburton.wa.gov.au08 9188 4404				
Planning Officer's Signature	b_	Date accepted for assessment 10 June 2022			

Please refer to the Development Assessment Panel's Guidance Note: Lodging a DAP Application for further information.

Page 2

Form 1 – Application for Development Approval



This form is to be used for all applications to Town Planning for Development Approval. Do not use this form for Building Works.

	ails						
Name(s)(all registere	d owners must be listed):	Buurabalayji T	⁻ halanyji Abori	iginal Corporat	ion		
ABN (if applicable):							
Address:	10 Lyall Street, South Per	th, WA	Postcode:	6151			
Phone:	9317 8696		Mobile:				
Email:	c/- Lance.Perry@mrl.com	.au	Fax:				
mansang g	Signature: Analem	ckenby	_27/_	5 / 202	22		
□ Relevant / further of	documentation to support la	nd owners cons					
that signature. For the referred to in the Pla	Note: The signature of all owner(s) is required. This application will not proceed without that signature. For the purposes of signing this application an owner includes the persons referred to in the Planning and Development (Local Planning Schemes) Regulations 2015 Schedule 2 clause 62(2).						
Part B – Application	Part B – Application Details						
Name:	Rowe Group						
Contact Person:	Adrian Dhue – Town Plan	ner					
Contact Person: Address:	Adrian Dhue – Town Plan 3/369 Newcastle Street, N		Postcode:	6062			
			Postcode: Mobile:	6062 0412 498 509)		
Address:	3/369 Newcastle Street, N	lorthbridge			9		
Address: Phone: Email: The information and p	3/369 Newcastle Street, N 9221 1991	lorthbridge com.au cation may be m	Mobile: Fax: ade available	0412 498 509) No		
Address: Phone: Email: The information and p by the local governme The applicant hereby documents being mac of the Local Governm it may suffer in respe	3/369 Newcastle Street, N 9221 1991 Adrian.dhue@rowegroup. lans provided with this applie ent for public viewing in com consents to copies of this de available to the Council a ent Act 1995 and indemnifie ct of any claims brought ag relating from copies of an	lorthbridge com.au cation may be m nection with the s application ar and members of es the Shire aga gainst the Shire	Mobile: Fax: ade available application. d all accomp the public, un ainst all loss a for infringeme	0412 498 509	No and ions hich nt or		

Page 11

Shire of Ashburton Lot 246. Poinciana Street. Tom Price. 6751 PO Box 567. Tom Price. WA, 6751 T. (08) 9188 4444 F. (08) 9189 2252 E. soa@ashburton.wa.gov.au Uncontrolled Document When Printed SOA DRS 073 Version 2.0 16/02/2018 Attachment 13.2A -DAP Application - DAP-21-02078_DA 22-40 L300 Back Beach Road, Onslow



Part C – Property	Details					
Lot No.:	300		House/Street No.:	5		
Lot Area (m):	204,503m2					
Diagram or Plan No	o: 422325		Certificate of Title	/ol. No:	4014	
Title Encumbrances	s (e.g. easements,	restrictive	covenants): NA			
Street Name:	Back Beach Road	d	Suburb: Ons	slow		
Nearest Street Inter	section: Back E	Beach Road	and Simpson Street	t		
Part D – Proposed	Development					
Nature of developm	ents (Tick applicat	ole)			⊠ Works	🗆 Use
Is an exemption from	m development cla	nimed for ar	ny part of the develop	ment?	□ Yes	🛛 No
If yes, exemption is	for (tick applicable	e)			U Works	🗆 Use
Description of Exe	Description of Exemptions claimed (if relevant):					
Description of pro	posed works and	/ or land u	ISE:			
Amendment to DAP	P/21/02078 Condit	ions and De	evelopment			s
Existing Building / L	and Use: Vaca	nt				
Approx. Cost of pro development:	posed \$100	Million	Est. time o Completic		End 2022	
Office Use Only						
Lodgement Date:			Application No:			
File Ref. No:			Assessment No:			
Assessment Period:)	Planning Fee:			
Relevent info. Provi	ded: 🗆 Yes 🗆] No	Advertising Fee (if re	quired):		
Receipt No:			Receipt Date:			
Accepting Officers In	nitial:					
Shire of Ashburton						

 Shire of Ashburton

 Lot 246, Poinciana Street, Tom Price, 6751

 PO Box 567, Tom Price, WA, 6751

 T (08) 9188 4444

 F (08) 9189 2252

 E soa@ashburton wa.gov.au

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 SOA DRS 073 Version 2.0 16/02/2018

Onslow Township Village

Electrical, Fire Protection, Hydraulic, Mechanical Report

Services Brief

Prepared for: Rowe Group Attention: Adrian Dhue Date: 17 May 2022 Prepared by: Erika Voges Ref: 301250498

Stantec Australia Pty Ltd Ground Floor, 226 Adelaide Terrace, Perth WA 6000 Tel: +61 8 6222 7000 Web: www.stantec.com P13012504981PR0.JECT DOCUMENTATIONMULTI DISCIPLINEMD-RE_006,DOCX



Revision

Revision	Date	Comment	Prepared By	Approved By
001	26.07.2021	Draft Update Issue	ESV, ML, AD, SK	ESV
002	30.07.2021	Preliminary Issue for Review	ESV, ML, AD, SK	ESV
003	06.08.2021	Final Issue	ESV, ML, AD, SK	ESV
004	25.08.2021	Revised DA Updates	ESV, ML, AD, SK	ESV
005	18.03.2022	Revised DA Issue for Review	ESV, ML, AD, SK	ESV
006	17.05.2022	Rev K Site Plan Updated	ESV, ML, AD, SK	ESV

Attachment 13.2A - DAP Application - DAP-21-02078_DA 22-40 L300 Back Beach Road, Onslow

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Appendix A – Electrical Drawings

Appendix B - Hydraulic & Fire Drawings

Appendix C – Mechanical Drawings



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Design with community in mind

1. Introduction

This Multi-Disciplinary Services Brief has been prepared at the request of Rowe Group for the development of the Onslow Township Village in Onslow, WA. It has been prepared in order to outline our understanding of the Electrical, Fire Protection, Hydraulic and Mechanical services Works and to support the servicing strategy for the project's Development Application process.

This document services as a benchmark which our services much achieve. We request that you read this carefully so that you have a clear understanding of the scope of our works.

We would welcome any comments or queries you may have on the information provided in this Brief.

This Brief has been prepared based on the following information:

- Thalanyji Presentation Package by Milieu Creative
- Functional Brief Revision 1 incorporating MRL Comments
- Drone images and videos of the proposed development site
- OIP-0000-GE-SOW-0001 Onslow Iron Project Facilities Requirements dated 12th February 2021
- Project kick of meeting held at Rowe Group on the 7th July 2021
- Architectural Drawings by Milieu Creative on the 17th March 2022
- Architectural Site Plan issued by Rowe Group Revision K Final on the 11th May 2022

2. Project Overview

The Onslow Township Village, located at Lot 300 in Onslow WA, will be the permanent village style accommodation facility and will be designed and built as long-term accommodation and facilities to cater for the mine operations workforce.

The Village will be designed to support up to 500 rooms including central facilities and utilities and incorporate the following major elements:

- Accommodation Pods
- Laundry / Field Storage
- Restaurant
- Tavern
- Administration
- Induction & Training Rooms
- Lockers & Creche
- Medical Centre
- Gate House
- Storage Sheds
- Gymnasium
- Wellness Spaces
- Swimming Facility
- Multi-Purpose Sports Courts
- Indoor and Outdoor Cricket
- Golf Facilities
- Recreation & Common Rooms
- Carparks
- Service Compounds



3. Critical Issues

The following list itemises the critical issues for the project's building services:

- Redundancy of services (no single point of failure)
- Ease of maintenance
- Systems design being cognisant of site location being within a cyclonic region (i.e. floor mounted plant/equipment)
- Coordination of site infrastructure to achieve functionality at a reasonable level of cost
- To provide a design that minimises initial capital cost without excessively compromising quality or ongoing maintenance costs.
- To provide adequately sized plant/infrastructure services that allows an acceptable level of flexibility for future development/redevelopment.
- Operational requirements of the Cyclone Shelter



4. Electrical Services

4.1 General Overview

The Electrical Services encompasses the following key subsystems:

- Electrical power distribution from utility (Horizon Power interface) to final outlet or fitting.
- Reticulation of structured communications cabling (Fibre and copper) form Retail Service Provider (RSP) termination point to end distribution outlet or rack.
- Provision of internal and external lighting services.
- Allocation in conjunction with client requirements for electronic access control and camera surveillance systems.

The Electrical Services shall be designed to comply with current National Construction Codes (Building Code of Australia), Safety in Design requirements, Worksafe Regulations, WA Electrical Requirements and the following Standards and Codes amongst others:

- AS/NZS 1670 Fire detection, warning, control and intercom systems System design, installation and commissioning
- AS/NZS 1680 Interior and Workplace lighting (all parts)
- AS/NZS 1768 Lightning Protection
- AS/NZS 2293 Emergency escape lighting and exit signs for buildings
- AS/NZS 3000 Wiring Rules
- AS/NZS 3008.1 Electrical Installations Selection of Cables Cables for Alternating Voltages Up to and
 Including 0.6/1 kV Typical Australian Installation Conditions
- AS/NZS 3084 Telecommunications Installations, Telecommunications Pathways and Spaces
- AS/NZS 61439 Low Voltage Switchgear and Control Assemblies
- AS/NZS 11801 Information Technology Generic Cabling for Customer Premises (series)
- AS 4806.1 Closed Circuit Television (CCTV) Management and Operation
- AS/NZS 61000 Electromagnetic compatibility (EMC)

(In the case of discrepancies with user requirements) is to be advised as the design of the building is progressed.

4.2 Incoming Service Connections

4.2.1 Power

The preliminary maximum demand for the site has been calculated to be 941 kVA. This would require a provision of a 1MVA utility connected substation. Given the anticipated long runs of low voltage submain cables, Stantec proposes that a sole use substation be sought to be located centrally to the site.

The requirements around a sole use substation will require provision of the following:

- Horizon Power High Voltage (HV) Ring Main Unit (RMU) on site boundary.
- Horizon Power underground HV cable along entry road.
- Horizon Power owned and maintained sole-use substation including 1 MVA transformer located central to main facilities area.

Sole-use substations are only approved on request, so subsequent development approval an application for the feasibility of this proposal is to be sought with Horizon Power.

A preliminary layout and nominal locations have been shown on the masterplan appended to this report to allow for the provision of space.

The ability for the Horizon Power distribution network to deliver the required power to the site is yet to be confirmed but recent town upgrades including inclusion of renewable energy sources suggest there is capacity available.

On sites with a very long cable runs an assessment of the suitability of a high voltage connection could be considered. Initial recommendation is that long term maintenance and operations would make an exclusively low voltage distribution system more suitable for this application.

The above is provided for concept information as it is understood that MRL will manage the site power supply and engagement with the authority for the final details around their assets. It has been confirmed that MRL will manage the liaison, approvals and commercial negotiations with Horizon Power or the chosen electrical distributer.

4.2.2 Telecommunications Lead-In

This development is within an area shown has being 'ready to connect' to a NBN service. However, this service is not shown to be a wired solution and is detailed as a 'NBN Satellite' service.

The previous engineering services report dated 2012 indicates there is a legacy pit and pipe network throughout the town for copper services, as well as recent town subdivisions appear to have been serviced with pit and pipe for Telstra connection.

Provision for a Fibre-ready connection to the main communications room will be made as is required for all new developments. This provision references dedicated ducts pits and power provisions for utility services in this space. Unlike power, the connection of a communications utility required engagement from the end-client through the appropriate services provider, likely Telstra in this case.

Advice from the client in conjunction with their communications providers will indicate any additional pipe, ducts that need to be allocated for site connectivity.



4.3 Main Distribution and Site Wide Electrical Infrastructure

4.3.1 Power

Preliminary allocation of electrical distribution board infrastructure has been considered with respect to submain cable lengths and feasibility of a centrally located sole-use substation.

Refer to appendix for the power distribution plan for the site.

The following provisions for electrical distribution boards has been identified and will form the primary power distribution for the facility:

- Site Main Switchboard (SMSB) Contiguous to Substation and will be primary distribution node for all buildings.
- Accommodation Unit Neighbourhood Main Distribution Boards (MDB) 1, 2, 3 & 4 Each board to support in order of 125 Accommodation units as well as common lighting and power services through neighbourhood areas.
- Administration Building MDB
- EOT and Medical MDB
- Training Distribution Board (DB)
- Restaurant MDB
- Tavern MDB
- Restaurant DB 1, 2 & 3
- Gymnasium MDB
- Multipurpose Court DB
- Pool and Oval site DB
- Gatehouse DB
- Stores and Maintenance DB
- Accommodation Unit Load Centre (1 -500)

Mechanical Services switchboard (MSSBs), sewer pump station (SPS) control panels, motor control centres (MCCs) are all electrical switchboards provided by the vendor or engineering service responsible for their design and construction.

Additional switchboards for interfaces with solar and diesel generation systems may be required as design development. Equally additional electrical distribution infrastructure may be added following detailed load and cable sizing calculations that will enable the technical and cost factors to be considered appropriately.

4.3.2 Metering

Provision of a single supply authority meter is recommended at the site main switchboard and the use of appropriately rated and certified billing meters be provided for the central facilities, should future leasing be incorporated.

Final alignment with sustainability initiatives will required a networked metering system to be deployed with energy meters allocated through MDB, DB's and other electrical control panels and plant.



4.3.3 Power Generation

Provision for connection of diesel generator is to be allocations at the customer-owned Site Main Switchboard. This allocation of a permanent 600-800 kW generator should only be made on a provisional basis until confirmation of the following items can be resolved:

- Horizon Power Onslow Town distribution grid capacity.
- Allocation of safety services from and engineering system design perspective.
- Allocation of requirements for back-up around the cyclone shelter.

4.3.4 Structured Cabling Distribution – Communications

The allocation of space currently indicated within the EOT, Lockers and Medical building as defined by the project brief is suitable for the main incoming interface point as well primary communications racks and distribution nodes. IT services and active equipment will also be stored within this space. The current assumption is that the end-client or operator will provide all active equipment (servers, computers, switches, routers/modems, wireless access points etc.) throughout the facility.

Given the current requirement in the project brief for internet/data based services within each accommodation unit; Stantec's recommendation is that fibre optic services be provided to each accommodation unit. This is provided over a network known as a GPON network. This active network design scope and delivery will need to be resolves through the next design phase. This network will enable the site to utilise a converged network with security, entertainment and data/internet services to share the same physical cabling. *This approach is one a few for camp/villages of this nature, the client may have prior experience that informs a preference for this type of a solution and as such a review on this item and direction is requested prior to initiation of detailed structured cabling design activities.*

Under the solution above a multi-core fibre optic cables will be distributed from the main communications to laundry facilities then onto each accommodation unit. As such, each laundry unit will require a communications room as detailed below:

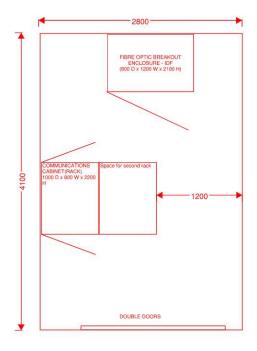


Figure 1: Laundry Communications Room - Space Planning

4.3.5 External Lighting

External carpark lighting will be designed in accordance with AS/NZS 1158, be controlled through the utilisation of time clock and photo-electric sensors.

External car park lighting depending on council and end-user requirements can often be switched off between at nighttime to reduce the risks surround obtrusive light to surrounding residents. Typically, this would be between the hours of 11pm and 2am, although normally adjustable based on client preferences, pending council advice.

4.3.6 Site Electronic Access Control and CCTV System

The site is currently provisioned with a gatehouse and current design assumes the use of an electronic access card for vehicle access and provision of VOIP-based intercom system for time this gatehouse is unattended. Other external non-accessible areas may utilize similar systems as well as access control plant rooms and pedestrian gates. Physical security elements are not part of the electrical services package.

In conjunction with the external electronica access control points a site wide CCTV system is anticipated for all entry and exit points to buildings and main site entry points. In addition, CCTV coverage throughout common areas and main thoroughfares of accommodation unit neighborhoods is also to be provisioned.

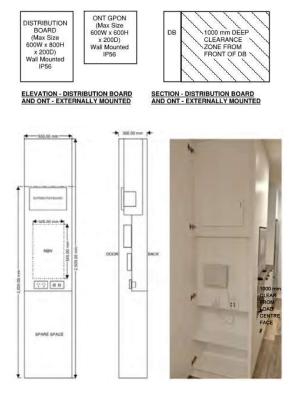


4.4 Buildings Works

4.4.1 Accommodation Units

Internal fit-out of the accommodation units is understood to be aligned with the procurement of modular unit. Irrespective interior requirement will developed further in future design stages.

Pertinent to initial space planning is the allocation of distribution board and GPON network Optical Network Termination Device (ONT). Please find typical arrangement below:



ELEVATION, SECTOIN AND IMAGE OF INTERNAL DB AND ONT ARRANGMENT

Figure 2: Internal & External DB/ONT Arrangements

4.4.2 Central Buildings

The small power, communications, lighting and security provisions for these buildings will be developed in conjunction with the functional requirements, client briefings as well as BCA and Australian Standards as the project progresses.

5. Fire Protection Services

5.1 Incoming Service Connection

The fire protection services design assumes that the incoming mains will be capable of supplying the required flow rate for the fire hydrant system (20 L/s) at a residual pressure of at least 200 kPa.

Flow testing is yet to be carried out in the street mains and at this stage we are unable to determine the available infill to the site. We recommend that this is undertaken as early as practicable during the design. At this stage we are assuming that we are required to provide full storage to the development, with an additional tank suction line required to provide water to the attending fire brigade.

5.2 Bushfire Advice

The following advice has been provided by the project Bushfire Consultant

- Recommend we allow 50kL additional firewater for bushfire fighting purposes, with a minimum onsite firewater storage of 200kL
- The standard booster and hardstand arrangements should be sufficient.
- There are existing street hydrants nearby but unsure of what flow and pressure these have.

5.3 Design Standards

- Fire services to comply with the National Construction Code of Australia 2019.1
- Fire services to comply with all current statutory requirements and guidelines
- Fire Services to comply with current Australian Standards where applicable and particularly the following:

Standard	Year	Name		
AS 1851	2012	Routine Service of Fire Protection Systems and Equipment		
AS 2419.1	2005	Fire Hydrant Installations Part 1: System Design Installation and Commissioning		
AS 2441	2005	Installation of Fire Hose Reels		
AS 2941	2013	Fixed Fire Protection Installations – Pump Set Systems		
AS 3500.1	2003	Plumbing and Drainage	Part 1: Water Services	

5.4 Design Criteria

5.4.1 Fire Hydrant System

Fire hydrant protection is provided for the non-accommodation buildings only exceeding 500m² fire compartment floor area.

The fire hydrant system is to be designed based on the following:

•	Number of operating hydrants	2 outlets
•	Minimum flow rate – pumped	5 L / s each
•	Minimum residual pressure	700 kPa
•	Minimum flow rate – boosted	10 L / s each
•	Water Storage	2 x Cylindrical Tanks 7.768 m diameter x 3.6 m high each Minimum effective capacity 144 kL

5.4.2 Fire Hose Reels

Fire hose reels are to be designed based on the following, supplied from the fire hydrant system:

•	Protected areas	all areas as outlined in BCA advice
•	Nominal Hose Diameter	19 mm / 25 mm
•	Minimum flow rate	0.33 L / s each / 0.41 L/s each
•	Minimum residual pressure	220 kPa
•	Number of operating hose reels	2 most hydraulically disadvantaged

5.4.3 Portable Fire Extinguishers

Portable fire extinguishers are to be provided based on the following:

Protected areas
 Design Standard
 Additional Requirements
 Additional Requirements

5.5 Primary Fire Protection Spatial Requirements

Outlined below, and in associated mark-up drawings are the key spatial requirements for the fire protection services:

ltem	Location	Size	Comments
Fire Booster Cabinet	Adjacent Main Street Entrance	3000 (w) x 800 (d) x 1800 (h)	Location to be confirmed with Fire Brigade.
			Can be free-standing withing sight of main site entry but no less than 10m from the building unless additional fire rating is provided to building external wall.
Fire Pump Room	Adjacent Fire Tanks	6000 (w) x 6500 (d) x 2400 (h)	Location requires direct Fire Brigade access, or alternative solution required.
			Preferably located with good access to roadways/pathways.
Fire Water Tanks	Adjacent Pump Room	7768Ø x 3600 (h)	Tank requires minimum 600 mm clearance all sides.
Fire Indicator Panel	Internal wall inside main building entry	700 (w) x 350 (d) x 2100 (h)	Location to be confirmed with Fire Brigade.



6. Hydraulic Services

6.1 Standards

- Hydraulic services to comply with the National Construction Code of Australia 2019 including Amendment 1.
- Hydraulic services to comply with all current statutory requirements and guidelines including the Shire of Ashburton, Water Corporation of Western Australia, Department of Fire and Emergency Services, Department of Health and the Department of Environmental Protection.
- Hydraulic Services to comply with current Australian Standards where applicable and particularly the following:

AS 3500	:	National Plumbing and Drainage Code incorporating
Part 1	:	Water Supply
Part 2	:	Sanitary Plumbing and Drainage
Part 4	:	Heated Water Services
AS 2419	:	Fire Hydrant Installations
AS 2441	:	Fire Hose Reel Installations
AS 5601	:	Gas Installations

6.2 Design Criteria

Hot Water	:	Storage Temperature (domestic use) minimum 60°C
	:	Supply Temperature (commercial use) minimum 65°C
	:	Supply Temperature (domestic use) maximum 50°C
	:	Supply Temperature to disabled facilities maximum 45°C

Stormwater:

We note that it is not expected to provide rainwater catchment roof gutters in this region due to rainfall intensities and cyclone wind region requirements. We are not proposing to provide roof rainwater downpipes and are proceeding on the basis that the roof edges will be designed to allow rainwater to cascade on to hardstand or appropriately managed surfaces.

6.3 Fixtures & Taps

- Provision for first grade commercial quality sanitary fixtures, fittings, and tapware are to be made for the development.
- Provision of fixtures and tapware conforming to the WELS (Water Efficiency Labelling Standards) which identifies the following maximum flow rates. Further to this, we expect that additional reductions in flow rates are to be proposed by the sustainability consultants for the project.
 - Showers @ 9 L/min
 - Hand Basins@ 6 L/min
 - Sinks @ 6 L/min
 - Toilets @ Dual Flush 4.5/3 L

Nomination of sanitary fixtures and tapware will be determined in consultation with the architect for client sign off during the project detailed design.



6.4 Sewer

A conceptual sewer layout has been provided to the project Civil Engineer for inclusion into the site Authority mains extensions required to service the project.

With circa 500 Pods including a bathroom, kitchenette and laundry of 14FU's, the development is expected to service around ~6,500-7,000FU for sewer. While the below layout is achievable, there is a possibility that site levels may require the installation of pump stations to achieve sewer falls. These are to be avoided where possible to reduce ongoing maintenance of mechanical pumps and control panels and should be considered in parallel to deep trenching and associated construction safety requirements.

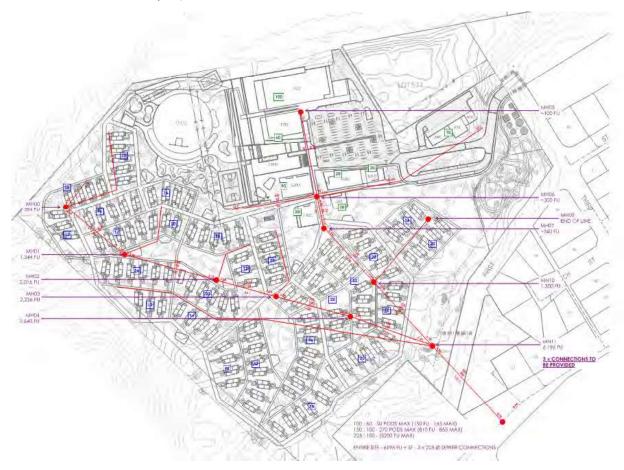


Figure 3: Conceptual Sewer Layout

6.5 Stormwater Collection

- No provision will be made for eaves and box gutters, gutter sumps, overflows, expansion joints and downpipes.
- We note that due to cyclonic conditions in the region the common design practice for roof drainage is not to provide guttering and associated downpipes. Typically, roofs drain onto graded concrete pathways or designed swales to avoid soil erosion whilst still dispersing roof water flow. In our experience, the primary reasons for not providing roof stormwater collection systems are:
 - Due to rainfall intensities experienced in the region, gutter and downpipe sizing is excessive.
 - The excessive sizing of gutters exacerbates the issue of appropriately fixing guttering to roof structures to withstand cyclonic winds.

6.6 Trade Waste

6.6.1 Kitchen/Greasy Waste

 Provision for the collection of all grease waste from kitchen cooking and food preparation areas via fixture wastes from food preparation sinks, hand wash basins, bain maries, cool room/freezer washdown and condensate waste drains, bucket traps and industrial floor wastes discharging to a suitably sized filtered grease arrestor

<u>Note:</u> Fixture wastes from glass washers, dishwashers and pre-rinse sinks will discharge directly to the domestic sanitary drainage system so that excessive and high temperature wastewater discharges bypass the grease trap

- Provision for a 15mm hose connection tap located within 6m of the grease arrestor to assist maintenance cleaning and complete with required backflow prevention device
- Provision for a 240 V, 10 A, 3 pin weatherproof GPO to be located within 2m of the grease arrestor industrial waste sampling point to assist the Authorities use of sample and monitoring process equipment
- Provision for independent venting to atmosphere of grease arrestor

6.6.2 Medical Waste

- A dilution chamber may be required for the medical clinic dependent on the testing and materials used on site.
- An application to discharge form will need to be completed to ensure that appropriate pre-treatment devices are installed prior to connection to the sewer network.
- Typically, we expect the requirement of a small below ground dilution chamber adjacent the medical clinic.

6.6.3 Commercial Laundry Operations

- Laundry pods for commercial uses (i.e. linens and heavy washing) may require lint/cooling pits prior to discharge into the site sewer network.
- Provision for the collection of all commercial laundry discharges to a suitably sized lint/cooling pit.
- Provision for a 15mm hose connection tap located within 6m of the lint trap to assist maintenance cleaning and complete with required backflow prevention device
- Provision for a 240 V, 10 A, 3 pin weatherproof GPO to be located within 2m of the lint trap industrial waste sampling point to assist the Authorities use of sample and monitoring process equipment
- Provision for independent venting to atmosphere of lint trap/cooling pit.

6.7 Cold Water

Water is available to the development via the 200AC Water Corporation water main in Third Avenue. We understand discussions with this Authority are ongoing to determine the location and availability of water take off.

• Provision for reticulated cold water supplies to all sanitary fixtures, fittings and tapware as required incorporating all required maintenance isolation valves throughout the development, with a large cold water ring main providing redundancy and continuity of pressure availability.

6.7.1 Potable Water Storage

As outlined in the Onslow Iron Project - Facilities Requirements section on water treatment plant, the site requirements allow for 250L/person/day. While this is typical for mining camps, this allowance on a per person basis will also cover for additional usage at the central facilities of the development. We also understand that it may only be a 6-12 month period where the camp is fully occupied, and that during general operations the development will operate at a lesser capacity. The difference between these scenarios is presented in the table below.

Water storage services have been sized to minimise the main incoming water service connection size to the Authority infrastructure, and to allow a 6-hour refill of half a day of water storage outside of peak demand times. This allows a morning showering peak to be refilled with 50% of the days potable capacity available for other uses.

Site Full Capacity Site General Capacity People 500 300 Daily Potable Water Use 250L/person/day 250L/person/day Storage Tank Capacity 125kL 75kL Site Potable Water Connection (6 hr 50mm @ 230L/min 40mm @ 120L/min 50% tank refill) 208 L/min (3.47L/s) 104 L/min (1.74L/s) Monthly Potable Water Use 3,802 kL/month 2,281 kL/month Annual Potable Use 45.625 ML/annum 27.281 ML/annum

Table 1: Site Water Demands

Note: Demands reflect potable use only and excludes irrigation demand.



Figure 4: Conceptual Water/Fire Layout



6.8 Hot Water Services

Whilst recognizing there is to be no or minimal gas supply to the site available to heat potable water, our design intent is to deliver the most energy efficient hot water generation system.

To this end, our design solution involves the use of heat pump technology for all hot water plant, with small local hot water demands possibly being met with the use of local electric storage units.

Further, we have conducted some preliminary investigations into solar contribution to hot water generation. Given the location of the site (being in a cyclonic region) we consider that, due to the extra requirements for structural robustness of the solar panel array support system, this may prove to be cost prohibitive. Further, initial investigations have revealed that a large "solar field" area would be required, which would be best placed to be utilized for solar PV electricity rather than hot water generation.

Given the above, we have not considered solar to be a viable alternative, particularly given the inherent energy efficiencies associated with the proposed heat pump units.

Area Served	rved Design Assumptions		
	Peak Demand	Hot Water Usage	
Pod Option 1	Max two showers in	Average shower of 5-7	Residential style heat
One Unit/2 Pods	operation at the same time	minutes per person at same time	pump, 200L capacity serving two pods.
Pod Option 2	Max 3/4 showers in	Average shower of 5-7	Residential style heat
One Unit/4 Pods	operation at the same time	minutes per person at same time	pump, 300/340L capacity serving four pods
Laundry Pods		Heavy Dirt Personable item washing	Commercial heat pumps with storage tanks to final demand requirements
Central Facilities Buildings			
Administration	Tea prep use or amenities only	-	Allow electric instantaneous hot water unit at point of use.
Medical Centre	Individual sinks/basin and amenities use	-	Allow electric instantaneous hot water unit at point of use.
Restaurant	Kitchen equipment to prepare meals for breakfast and dinner for 300-500 people	Allow 4L hot water per meal prepared. 2,000L per peak.	Commercial heat pumps with storage tanks. Gas backup optional if gas is considered for kitchen use. Each system manifolded to enable independent isolation of equipment to ensure no single point of failure. Electric or Gas water boost heaters in series for high temperature boosting if required.

Table 2: Hot Water Supply Matrix



Area Served	Design Assumptions		Hot Water Plant
Tavern	Kitchen equipment to prepare basic 'tavern' meals for 100 people + Alfresco	Allow 4L hot water per meal prepared. 600L per peak.	Commercial heat pumps with storage tanks. Gas backup optional if gas is considered for kitchen use. Each system manifolded to enable independent isolation of equipment to ensure no single point of failure. Electric or Gas water boost heaters in series for high temperature boosting if required.
Laundry		Linens	Commercial heat pumps with storage tanks to final demand requirements
Stores/Maintenance	Individual sinks/basin and amenities use	-	Allow electric instantaneous hot water unit at point of use.
Gymnasium/Wellness	Assume 44 people showering (2 football teams) over a period of 30 minutes	Assume an average shower length of 3 minutes per person	Commercial heat pumps with storage tanks. Each system manifolded to enable independent isolation of equipment to ensure no single point of failure. T
Recreation Room	Tea prep use or amenities only	-	Allow electric instantaneous hot water unit at point of use.

Note: Commercial Heat pumps are controlled by single electronic control module that is effectively a single point of failure for the system. Typically, a redundant module would be stored on site for changeover in the event of a failure in order to provide redundancy.

(Failure of this component would result in a short down time of the hot water system).

The Hot Water Supply Matrix sets out the hot water demand and equipment provisions for each building requiring hot water within the development as individual buildings with separate hot water plants.

6.9 LP Gas Services

With no reticulated gas available to the development, LPG is an option for providing a gas supply to the kitchen. LPG is available in Onslow and can be set up with a bulk cylinder or through a gas tank manifold.

We look forward to internal kitchen equipment and consumption advice to provide additional options.

7. Mechanical Services

7.1 Design Standards

7.1.1 Statutory Design Standards

The National Construction Code (NCC) 2019 and, in particular, the "deemed to satisfy" conditions of:

- NCC 2019 Section J3.5 "Building Sealing Exhaust Fans"
- NCC 2019 Section F4.5 "Ventilation of rooms"
- NCC 2019 Section J5 "Air Conditioning and Ventilation Systems"
- NCC 2019 Specification J5.2 "Ductwork Insulation and Sealing"

Australian Standards as follows:

- AS 1530 Methods for fire tests on building materials, components and structures
- AS 1668.1 The use of mechanical Ventilation and Air Conditioning in buildings -Fire and Smoke control in multicompartment buildings
- AS 1668.2 The use of mechanical Ventilation and Air Conditioning in buildings Mechanical Ventilation in buildings
- AS 5149 Refrigerating Systems
- AS 1682 Fire Dampers
- AS 1851 Maintenance of Fire Protection Systems
- AS 3000 SAA Wiring Rules
- AS 3666.1&2 Air Handling and Water Systems of Buildings Microbial Control
- AS 4254.1 Flexible Ductwork Fire resistance & Sealing only
- AS 4254.2 Solid Ductwork Fire resistance & Sealing only

Client to advise requirements and guidelines including SHIRE / CITY COUNCIL (listed on DA Approval), Fire and Emergency Services Authority, Health Department and Department of Environmental Protection.

7.1.2 Safety in Design - Design Standards

These standards may be referenced in Safety in Design reports, compliance with these standards will be used to mitigate the relevant Health and Safety Risks.

Australian Standards as follows:

•	AS 1668.1	The use of mechanical Ventilation and Air Conditioning in buildings -Fire and Smoke control in multi-compartment buildings
•	AS 1668.2	The use of mechanical Ventilation and Air Conditioning in buildings - Mechanical Ventilation in buildings
•	AS 1677	Refrigerating Systems
•	AS 3000	SAA Wiring Rules
•	AS 3666.1&2	Air Handling and Water Systems of Buildings – Microbial Control
•	AS 2865	Confined Spaces HB213 Guidelines for Working in Confined Space

- AS 2896 Medical Gas Systems
- AS 2568 Medical Gasses - Purity of Compressed Breathing Air
- Storage and Handling of Non-Flammable Cryogenic and Refrigerated Liquids AS 1894
- AS 1940 Storage and Handling of Flammable Combustible Liquids
- AS 5601 Gas Installations
- AS 3500 Plumbing & Drainage Codes
- AS 1228 Pressure Equipment - Boilers
- AS 2593 Boilers - Safety Management & Supervision Systems
- AS 1271 Safety Valves

7.1.3 **Best Practice Design Standards**

These standards will be followed where practical, Client to advise any standards which must be followed.

Australian Standards as follows:

AS 1324 Air Filters for use in air conditioning and general ventilation AS 2107 Acoustics AS 3013 Electrical installations, wiring systems for specific applications AS 4254.1 Flexible Ductwork AS 4254.2 Solid Ductwork

7.2 Design Criteria

Air conditioning systems shall be designed to meet the following design criteria during normal operation with due allowance for solar loads, transmission loads, internal loads, occupancy level and infiltration loads.

All cooling and heating loads may incorporate a design/safety factor of 10%, which is to be added to the calculation of cooling and heating loads.

The design criteria proposed for the mechanical services will be based on the following parameters:

7.2.1 **Design Temperatures**

Max recorded ambient conditions - (Based on client brief)

Summer (maximum)	49.2°C DB 53%RH (assumed that RH recorded at 3pm Feb is coincident with Max daily temp)
Winter (minimum)	3.5°C DB

Winter (minimum)

Mean ambient conditions – (Based on Bureau of Meteorology data)				
Summer (maximum)		36.5°C DB 53%RH (assumed that RH recorded at 3pm Feb is coincident with Mean Max daily temp)		
Winter (minimum)		13.1°C DB		
Ambient conditions – (B	ased o	n AIRAH Weather data set for Comfort Conditions)		
Summer (maximum)		36.5°C DB 53%RH (assumed that RH recorded at 3pm Feb is coincident with Mean Max daily temp)		
Winter (minimum)		13.1°C DB		
Internal Environmental	Condi	tions		
Air Conditioned Areas On	У			
Cooling	:	Nominal 24°C Dry Bulb		
	:	40 - 60% relative humidity anticipated by virtue of cooling coil performance		
Heating	:	21°C Dry Bulb		
Control Tolerance	:	Plus or minus 1.5°C at the point of control for heating and cooling.		
Humidity Tolerance		40-60% anticipated by virtue of cooling coil performance No specific humidity control		

provided.

Client to confirm internal design conditions

Evaporative Cooling

It is understood that evaporative cooling is to be avoided due to climatic location and relatively high ambient humidity levels during periods of the year.

7.2.2 Zone Sizes

Accommodation Rooms

Each room shall be treated as an independent zone capable of controlling the temperature in the space independent of the operation of other rooms.

Office Areas

Internal Zones	125m ²
Perimeter Zones	80m ²

Each office area shall be treated as an independent zone capable of controlling the temperature in the space independent of the operation of other zones. The above zone sizes are based on A-grade commercial office guidelines and will be used as a guide where practical.

Client to confirm zoning provisions.

Other Areas

Perimeter and internal zones within the air conditioned areas shall be capable of controlling the temperature independently.



7.2.3 Internal Loads

Occupancy		As per architectural drawings. (Typically 1 person per room).		
Lights		10W/m ²		
Equipment		25W/m ²		
Office Areas				
Office occupanc	у	10m ² /person		
Lobby occupanc	ÿ	5m ² /person		
Lights		10W/m ²		
Equipment		25W/m ²		
Food & Bevera	ige			
Occupancy:	Dining area	1.5m ² /person		
	Kitchen area	3.5m ² /person		
Lights		10W/m ²		
Equipment		5W/m ²		
Gym & Recrea	tion			
Occupancy:		Client to confirm		
Lights		10W/m ²		
Equipment		Subject to further client clarifications		
<u>Cyclone</u> Shelter (Restaurant area)		area)		
Occupancy:		500 people – Client to confirm		
7.2.4 C	outside Air Flo	ow Rates		
Accommodatio	on			
All Areas		Natural ventilation. Compliance to be confirmed by Architect/Building Certifier		
Office Areas				
General		7.5l/s/person (based on high efficiency filtration)		
Food & Bevera	ige			
General		7.5I/s/person (based on high efficiency filtration)		
Makeup air		Via pre-treatment air conditioning systems		
Gym & Recrea	tion			
General		7.51/s/person (based on high efficiency filtration)		

7.2.5 Exhaust Air Rates

Accommodation	
Room Ensuite Exhaust	40I/s minimum
Common Laundry	10I/s/m ²
Other	
Toilet exhaust	10I/s/m ²
Locker Rooms	5 l /s/m2
Cleaners Rooms	10I/s/m2
Substation	To meet Western Power requirements
Switchroom	To meet Electrical Consultants requirements
Kitchen Exhaust	to AS 1668.2
Simple Café (No cooking)	Kitchen exhaust system not required
Simple Café (Cooking)	10 I /s/m2
Restaurant Cooking	Dedicated commercial kitchen exhaust system to AS 1668.2
Photocopying areas	10 l/s/m ² (minimum)
Sick rooms	15-20 Ach/hr
Café kitchen hood	In compliance with AS 1668.2 to be confirmed by Architect/Client
General ventilation	Materials tech workshops, excluding technology process equipment, by Specialist.

7.2.6 Acoustic Criteria

The following criteria is indicative and subject to Acoustic Consultant review (ongoing).

Living areas	30 - 40 dB(A)
Sleeping areas	30-35 dB(A)
Work areas	35 - 40 dB(A)
Common areas	40 - 45 dB(A)
Restaurant	45 - 50 dB (A)
Toilets	50-55 dB (A)

7.2.7 Glazing and Building Fabric

Architect to advise building fabric.



7.3 Mechanical Services Scope

7.3.1 Air Conditioning

Air conditioning will be provided to all occupied areas. The method of delivery will be dependent on the type and size of the space. Broadly the systems fall into the following categories;

- High Occupancy / High Capacity Areas
- Large Office and Common Areas
- Accommodation and Small Standalone Areas

High Occupancy / High Capacity Areas

This includes areas such as the Restaurant, Tavern, Gymnasium and Recreation Buildings subject to further clarification of occupancy and room loads.

These areas will require large capacity systems and high outside air loads. To manage these requirements it is recommended that central packaged units be used for each space to reduce overall plant size and complexity.

This type of equipment is typically located on the roof directly above the areas served, although in this application it is recommended that the equipment be located at ground level to remove roof access maintenance and provide better protection from cyclone events.

Large Office and Common Areas

These spaces are proposed to be catered for using conventional split systems but utilising central outdoor equipment connected to multiple indoor units.

This will minimise the number of outdoor units whilst still providing individual temperature control to the required spaces within the building.

The indoor fan coil units are proposed to be fully ducted systems to enable flexible fitout and future reconfiguration.

Accommodation and Small Standalone Areas

Given the relatively small spaces associated with the accommodation rooms and the likelihood of these highly repetitive structures being modular, we recommend standalone split systems for each room.

These systems are proposed to utilise wall mounted indoor fan coil units to mitigate costs, both upfront capital and replacement cost at end of life.

Given that the accommodation areas are expected to remain unchanged, the limited flexibility of wall mounted units is not considered to be an issue for this project.

7.3.2 Ventilation

Ventilation systems will be provided to address code compliance. This will include:

- Dedicated ventilation fan to each accommodation room ensuite
- Central ventilation system to large toilet blocks within each building where applicable
- Specific minor systems to storage rooms and the like (dangerous goods consultant input will be required for areas where chemicals or the like are being stored)
- General ventilation to services rooms such as pump rooms, switch rooms, etc.
- Commercial kitchen exhaust systems to kitchen areas associated with the Tavern and Restaurant including commercial kitchen hoods and associated make up air supply



7.3.3 Refrigeration

Cool rooms and freezer rooms will be conditioned by dedicated refrigeration systems. All connected through a central monitoring system to track room conditions and alarm if room conditions drift from setpoints.

Indoor units are physically mounted within the rooms, whilst the outdoor units should be located externally but within screen plant areas to protect from cyclone events

7.3.4 Cyclone Shelter

Cyclone shelter accommodation needs to be suitably constructed to withstand the required storm events. This needs to be addressed by the Structural consultant and the Architect.

From a mechanical services perspective, the shelter must also include sufficient means for ventilation to ensure occupancy is not compromised for the potentially long periods associated with sheltering from a major cyclone event.

The recommended approach is to include manually operated ventilation openings to all sides of the shelter structure. This will enable occupants to configure the openings as and when required to best mitigate the impact of the external winds whilst ensuring the internal space remains well ventilation.

7.3.5 Local Climate

The local climate for Onslow is subject to high humidity for periods throughout the year. High humidity can result in condensation issues if due consideration is not given to thermal insulation and moisture barriers.

The incorporation of moisture barriers forms part of the building construction and is understood to be part of the architectural documentation.

The mechanical services will include all necessary insulation to prevent cold bridging due to humid air contacting cold surfaces of the mechanical services equipment. Where this is not possible, such as at valve or drain connections, appropriate condensate trays and/or drains will be provided.

In addition to protecting cold surfaces and moisture infiltration through the building fabric, infiltration through building openings must also be managed. For all large spaces (i.e. other than accommodation rooms) outside air for ventilation shall be introduced via the A/C systems to ensure the air being introduced into the building can be pre-treated to reduce humidity levels where required.

For accommodation rooms, the ventilation rates are relatively low. Condensation will be managed by separation of the infiltration source (typically via the entrance door and/or windows) from the A/C unit. To achieve this, the wall mounted indoor A/C unit is proposed to be located on the opposite side of the room to external doors and windows.



7.4 Mechanical Services Example Systems

7.4.1 Air Conditioning – High Occupancy / High Capacity Areas

System		Stantec Comment	Typical Spatial	Appearance
Multiple Indoor	Units to Sing l e Outdoor Un	it (Multi-Head or Variab l e	Refrigerant Volume) – O	utdoor Unit
Proposed system	Air Cooled Ducted Packaged Units	High capacity systems for large areas High sound levels Require dedicated plant area – recommended to be at ground level and screened for protection during cyclone event)	2m x 3m footprint 1.5m high Typically, 1m access off one side and rear of the unit. May also need additional space in front for duct connections pending plantroom layouts.	A CONTRACTOR
Grilles for Ducte	ed Unit	т 	۰ 	
Proposed system	Swirl Diffuser	Ceiling Mounted Relatively flexible Provides high level of air distribution Recommended		
Alternative system	Linear Slot Diffuser	Limited Airflow Ceiling Mounted		
Alternative system	Square Pattern Diffuser	Ceiling Mounted		

System		Stantec Comment	Typical Spatial	Appearance
Alternative system	Wall Register	Wall Mounted		
Controller				
Proposed system	Central Controller	Recommended for office and common areas <u>Pros</u> : Capability to control all fan coil units. Provide time scheduling, remote temperature adjustment and is centrally located for ease of access by authorised personnel and maintenance technicians. <u>Cons</u> : Additional costs to install and commission		
Proposed system	Standard Wall Controller	Recommended for office and common areas. Located within each area for local user control. <u>Pros:</u> Provide occupant control: temperature, ON/OFF and fan speed, which may be set within limits via the central controller. <u>Cons:</u> One per fan coil unit wall mounted in area served.		
Alternative system	Local Push Button	Pros: Simplified local control <u>Cons</u> : Occupants have On/Of Requires additional cor proprietary controller st maintenance	trols cost given that	

	ir Condinonii	ng – Large Office and C		A
System		Stantec Comment	Typical Spatial	Appearance
Multiple Indoor	Units to Single Ou	itdoor Unit (Multi-Head or Variable	Refrigerant Volume) – O	utdoor Unit
Proposed system	Heat recovery	Simultaneous Heating and Cooling for Separate Indoor Units	 1.25m x 800mm footprint 1.8m high Typically requires 1m access of front of unit and 300mm off rear of unit. Must be able to access both sides but multiple units can be installed adjacent to each other. 	
Multiple Indoor	Units to Single Ou	tdoor Unit (Multi-Head or Variable	Refrigerant Volume) – In	door Units
Proposed system	In ceiling ducted Unit	Requires Clear void within the ceiling Can provide Outside Air Future Flexibility Recommended for office areas and public spaces	250 – 400mm deep 700 – 1500mm wide 900mm long All units require min 600mm clear access within ceiling void off one side as well as 600mm square ceiling access panel	
Alternative system	Under Ceiling Mounted Unit	Requires Clear Space under Ceiling Limited Ability to provide Outside Air Limited Future Flexibility	200mm deep 900 – 1500 wide 600mm long No additional access provisions – maintained from within the space	
Alternative system	Cassette Unit	Requires Clear Space within Ceiling Void Limited Ability to provide Outside Air Limited Future Flexibility	900mm square 300mm high Requires 600mm square access panel adjacent unit	ROU

7.4.2 Air Conditioning – Large Office and Common Areas

System		Stantec Comment	Typical Spatial	Appearance
Grilles for Duct	ed Unit			
Proposed system	Swirl Diffuser	Ceiling Mounted Relatively flexible Provides high level of air distribution Recommended	Nominally 500mm diameter	
Alternative system	Linear Slot Diffuser	Limited Airflow Ceiling Mounted	Typically 1200mm long and 120mm wide (2 slots) But can be custom length and can have additional slots depending on air flow	
Alternative system	Square Pattern Diffuser	Ceiling Mounted	Nominally 600mm square	
Alternative system	Wall Register	Wall Mounted	Custom sizes	
Controller				
Proposed system	Central Wall Controller	Recommended for office and common areas <u>Pros</u> : Capability to control all fan coil units. Provide time scheduling, remote temperature adjustment and is centrally located for ease of access by authorised personnel and maintenance technicians. <u>Cons</u> : Additional costs to install and commission		

System		Stantec Comment	Typical Spatial	Appearance
Proposed system	Standard Wall Controller	Recommended for office and co within each area for local user of <u>Pros:</u> Provide occupant control: tempe fan speed, which may be set with controller. <u>Cons:</u> One per fan coil unit wall mount	ontrol. erature, ON/OFF and hin limits via the central	
Alternative system	Local Push Button	Pros: Simplified local control to preven <u>Cons</u> : Occupants have On/Off Control Requires additional controls cos controller still required for mainte	Only t given that proprietary	



7.4.3 AI	r Conditioning – Ad	commodation a		one Areas
SYSTEM		Stantec Comment	Typical Spatial	Appearance
Single Split Sys	tem - Outdoor Services			
Proposed system	Slimline Outdoor Units	Limited Maximum Capacity Only Available in Heat Pump	900mm wide 300mm deep 1000mm high (small - shown in adjacent image – proposed for accommodation modules) 1600mm high (large – may be used for other standalone spaces	
Single Split Sys	tem - Indoor Units		pending heat loads)	
Proposed system	Wall Mounted Unit	Low cost Requires Space on Wall Limited Ability to provide Outside Air Limited Future Flexibility Recommended for accommodation rooms	900mm wide 300mm high 200mm deep	
Alternative system	Under Ceiling Mounted Unit	Requires Clear Space under Ceiling Limited Ability to provide Outside Air Limited Future Flexibility	200mm deep 900 – 1500 wide 600mm long No additional access provisions – maintained from within the space	
Alternative system	Cassette Unit	Requires Clear Space within Ceiling Void Limited Ability to provide Outside Air Limited Future Flexibility	900mm square 300mm high Requires 600mm square access panel adjacent unit	ROU

7.4.3 Air Conditioning – Accommodation and Small Standalone Areas



SYSTEM		Stantec Comment	Typical Spatial	Appearance
Controller				
Proposed system	Standard Wall Controller	Recommended for offic Located within each an <u>Pros:</u> Provide occupant contr ON/OFF and fan speed within limits via the cer <u>Cons:</u> One per fan coil unit wa served.	ea for local user control. rol: temperature, d, which may be set tral controller.	
Proposed system	Standard Wireless Controller	Recommended for acc <u>Pros:</u> Provide occupant contr ON/OFF and fan speed within limits via the cer <u>Cons:</u> Portable controller can Requires battery chang	ol: temperature, d, which may be set tral controller. be misplaced.	

System		Stantec Comment	Typical Spatial	Appearance
Bathroom Exha	ust Fans			
Possible system	In Ceiling Heat recovery Ventilator	Pre-Conditions Outside Air Require access on both sides for maintenance	1000m long 350mm high 700mm wide Requires 600mm clear ceiling void on both sides of the unit as well as 600 square ceiling access panel on both sides	
Possible system	Direct Connection Roof Cowl	Requires Roof Cowl/wall grille to be located in close proximity of Fan Coil Unit. Only Suitable Ducted Fan Coil Units		
Possible system	In-Line Booster Fan	Suitable for small amounts of Outside Air.	250mm diameter (small systems) 600mm diameter (large systems) Requires ceiling access panel below	
Controls				
Proposed system	Interlocked with A/C	Typical configuration to ensure outside air system runs automatically. This assumes that A/C will be on when area is occupied		

7.4.4 Ventilation – Outside Air Systems



7.4.5 V€	entilation – Exhaust			
System BATHROOM E	XHAUST FANS	Stantec Comment	Typical Spatial	Appearance
Proposed system	Inline Ducted Fan	Requires ceiling Void Protected from cyclone event	200 diameter (stand alone toilet or similar) 600 diameter (toilet block or similar) Requires ceiling access panel below	
Alternative system	Roof Mounted Fan	Requires Roof access Vulnerable to cyclone event	600mm square 800mm high	
Alternative system	Header Box Fan	Higher Noise Level than ducted. Limited Capacity Suitable for Ensuite applications	300mm square 250mm high No additional access	
Grilles for Ducte	ed Fan			
Proposed system	Half Chevron	Easy to clean. Typically Aesthetically preferred		
Alternative system	Circular Adjustable Diffuser	Larger grille Adjustable from within space. Plastic Construction		

7.4.5 Ventilation – Exhaust



System		Stantec Comment	Typical Spatial	Appearance
Alternative system	Egg Crate	Difficult to Clean Allows Line of Sight through Grille		
Controls				
Proposed system	Switched with Lights	Typical configuration to associated fan use with occupancy (coupled with motion sensors and run-on timer) Recommended for public areas		
Alternative system	Switched Power Supply	Requires users to operate Recommended for Ensuites		

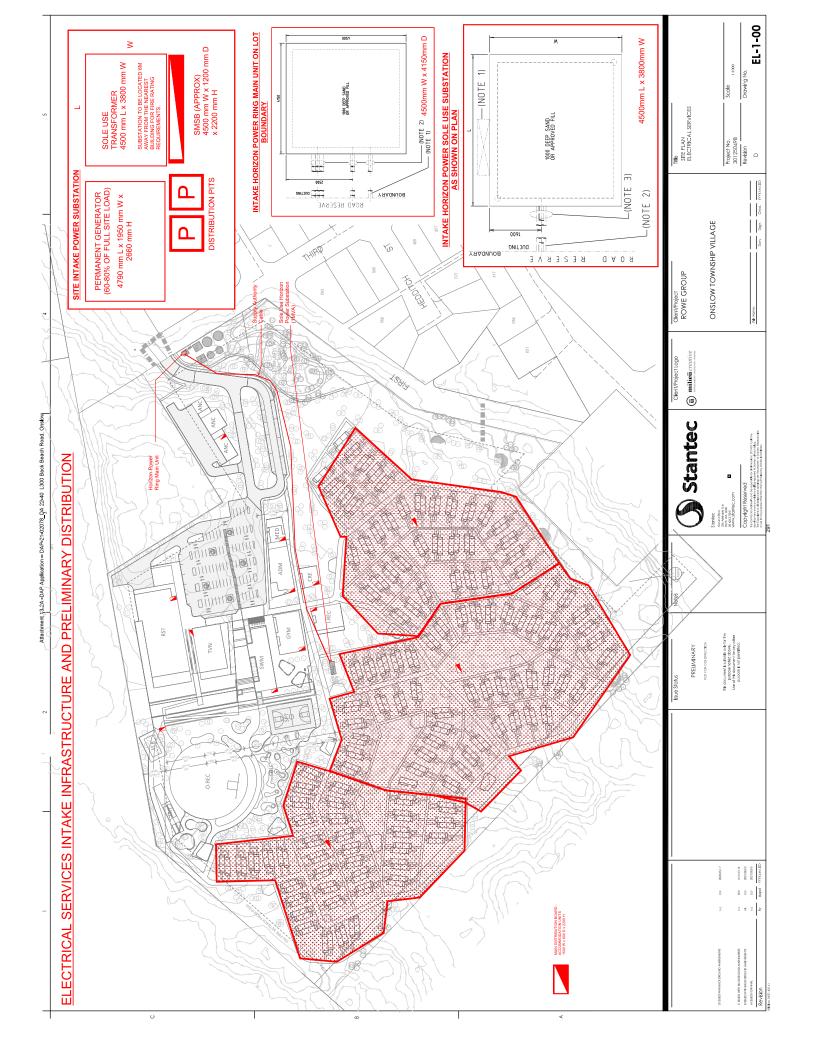


System		Stantec Comment	Typical Spatial	Appearance
Commercial Kite	chen Exhaust Fans			
Proposed System	Adjustable Pitch Axial Fan – Duct mounted	High Noise Level requires attenuation Located within ceiling void or plantroom to protect from cyclone event	800mm diameter Ceiling access panel required adjacent	
Alternative system	Roof Mounted Exhaust Fans	Roof access required, Cannot be attenuated externally – requires screens Vulnerable to cyclone event	1000mm square 1000mm high	

7.4.6 Ventilation – Commercial Kitchen Exhaust

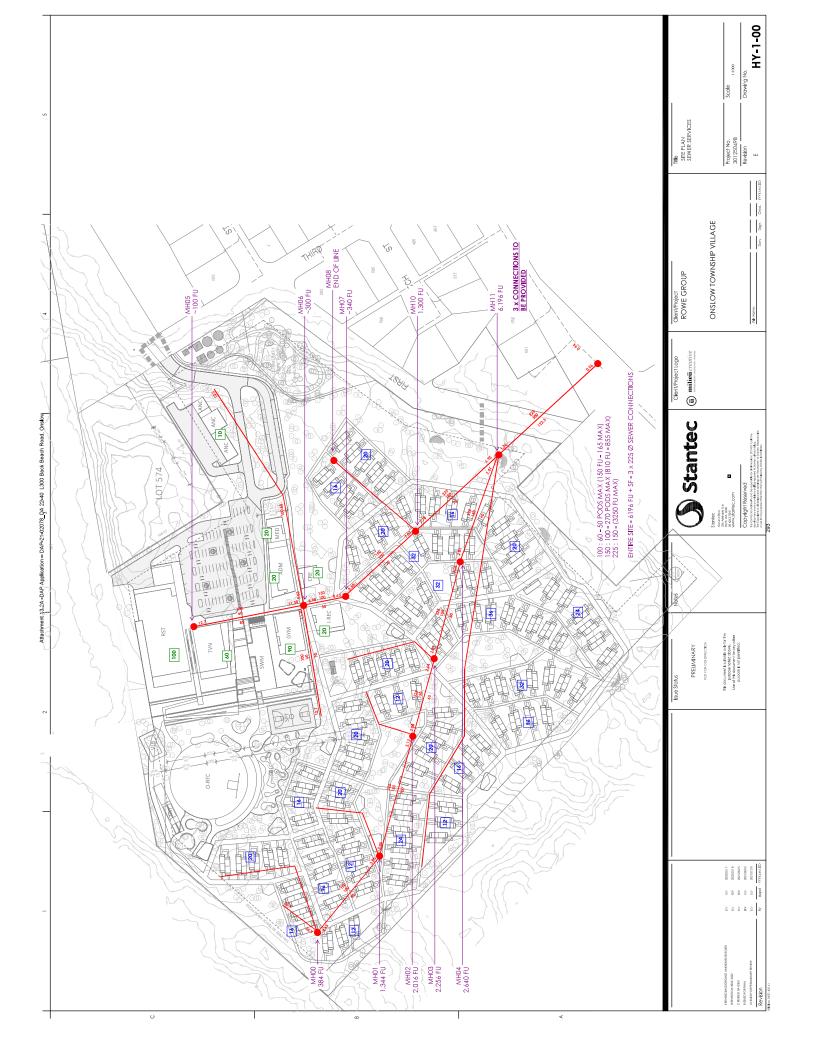
Appendix A – Electrical Drawings

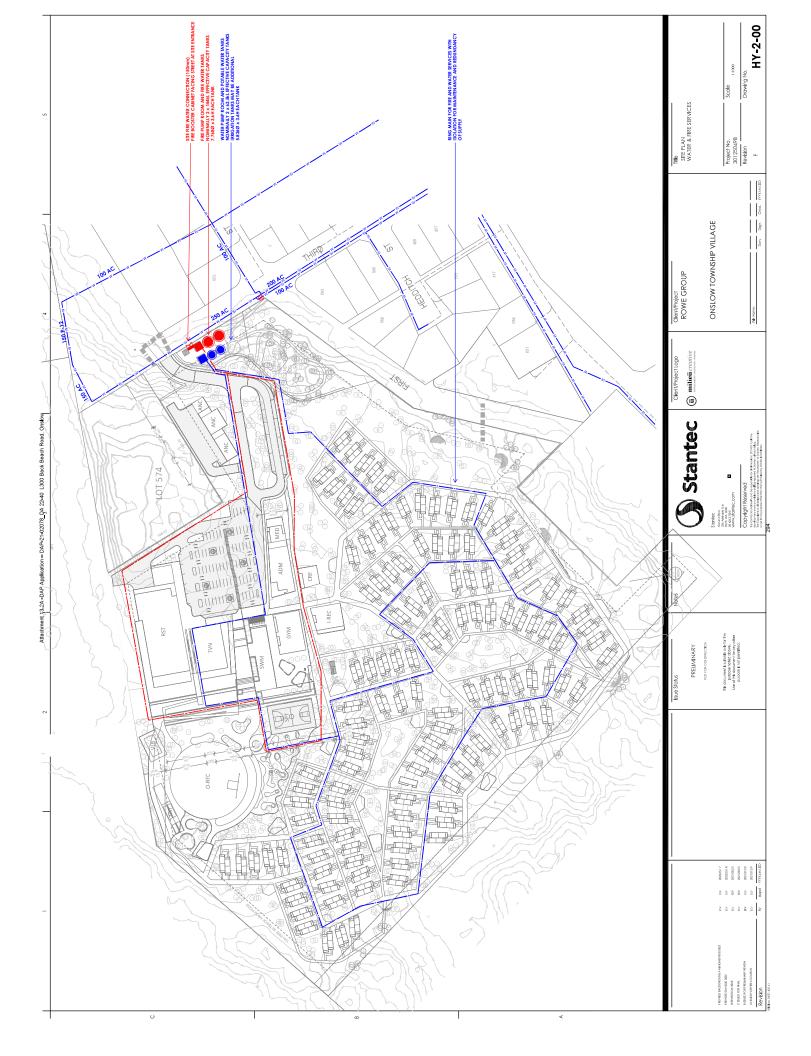




Appendix B - Hydraulic & Fire Drawings

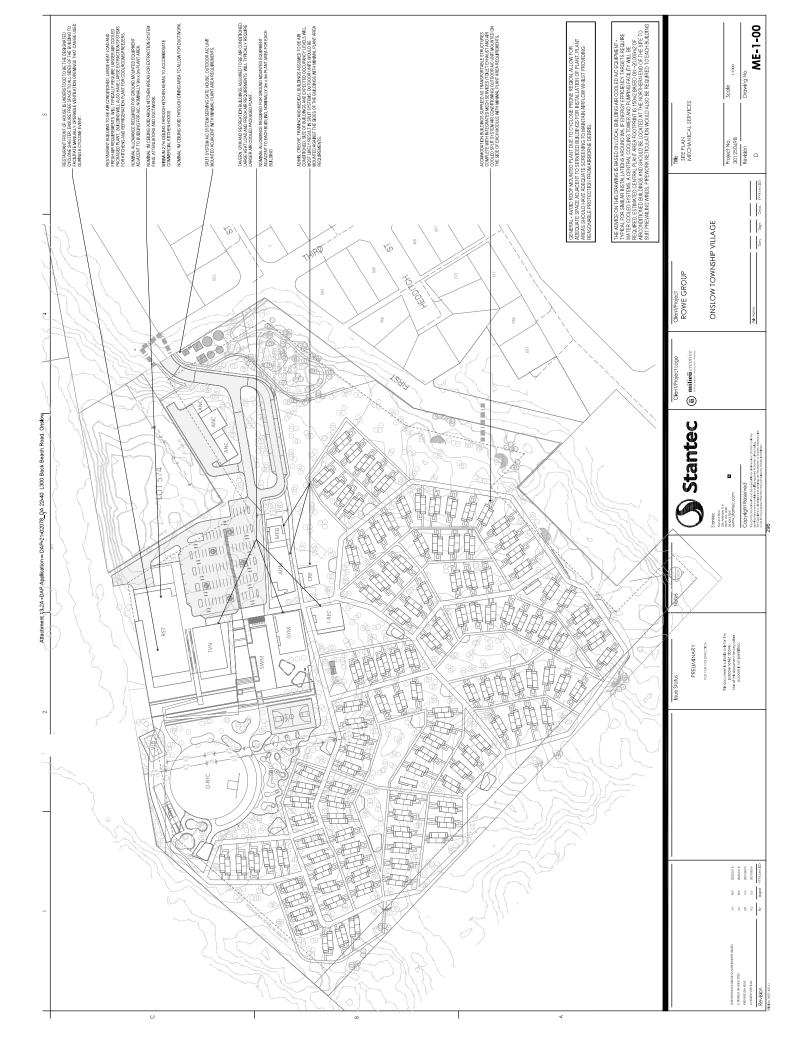






Appendix C – Mechanical Drawings





Attachment 13.2A -DAP Application - DAP-21-02078 DA 22-40 L300 Back Beach Road, Onslow

Design with community in mind

Ground Floor 226 Adelaide Terrace Perth WA 6000 Tel +61 8 6222 7000

For more information please visit www.stantec.com





Memo-Sustainability

31/05/2022

Enquiries: Project No:	Prasanna Suraweera 301250498		
To:	Adrian Dhue (Rowe Group)		
From:	Prasanna Suraweera	Date:	;

Subject: Onslow Township Village – Sustainability Statement of Intent

This memorandum aims to confirm the sustainability objectives and targets for the proposed Onslow Township Village project.

The following sustainability commitment is made for the project inline with minimum statutory requirements:

National Construction Code (NCC 2019) – Section J Energy Efficiency Requirements

The sustainability team is led by Prasanna Suraweera, who is an experienced sustainability professional, and Senior Engineer within the Sustainability department at Stantec Australia.

In this regard, we confirm that Stantec Australia will coordinate the Sustainability initiatives required to achieve the minimum NCC 2019 Section J Energy Efficiency requirements.

The proposed deliverables for this requirement are as follows:

Development Application Phase Deliverables:

- Statement of Intent (this documents) with confirmation of the proposed deliverable at each key milestone
- Building Permit Phase Deliverables:
 - NCC 2019 Section J Report outlining façade requirements which have been integrated to achieve compliance.
 - Certification by Stantec that the project has achieved NCC 2019 Section J compliance.

Clarifications:

 No other deliverables or commitments (i.e. sustainability benchmarks or rating tools or the like) are proposed.

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I trust this satisfies your requirements; please contact me should you have any further queries.

Yours sincerely,

Prasanna Suraweera

for Stantec Australia Pty Ltd

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