SHIRE OF BROOMEHILL-TAMBELLUP

MONTHLY FINANCIAL REPORT

For the Period Ended 30 November 2018

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SHIRE OF BROOMEHILL-TAMBELLUP STATEMENT OF FINANCIAL ACTIVITY

By Nature or Type For the Period Ended 30 November 2018

		Revised Budget	YTD Budget	YTD Actual	Var. \$	Var. %	
		2018/19	(a)	(b)	(b)-(a)	(b)-(a)/(b)	
Operating Revenues							
Rate Revenue		2,417,500	2,417,500	2,404,513.13	(12,987)	(0.5%)	
Grants, Subsidies and Contributions		3,040,100	839,265	916,483.48	77,218	8.4%	
Profit on Asset Disposal	10	436,100	0	0.00	0		
Fees and Charges		256,600	145,900	160,648.36	14,748	9.2%	
Interest Earnings		54,600	22,875	21,931.50	(944)	(4.3%)	
Other Revenue		92,800	79,835	75,110.21	(4,725)	(6.3%)	
Total		6,297,700	3,505,375	3,578,686.68	73,312		
Operating Expense							
Employee Costs		(1,872,500)	(865,960)	(886,636.48)	(20,676)	(2.3%)	
Materials and Contracts		(3,490,900)	(955,695)	(878,935.68)	76,759	8.7%	
Utilities Charges		(190,800)	(66,413)	(58,303.72)	8,109	13.9%	
Depreciation (Non-Current Assets)		(1,129,600)	(470,605)	0.00	470,605	100.0%	▼
Interest Expenses		(58,700)	(26,100)	(26,633.18)	(533)	(2.0%)	
Insurance Expenses		(168,400)	(168,400)	(153,509.27)	14,891	9.7%	
Loss on Asset Disposal	10	(122,400)	(6,700)	0.00	6,700	100.0%	
Other Expenditure		(88,000)	(49,925)	(47,449.38)	2,476	5.2%	
Total		(7,121,300)	(2,609,798)	(2,051,467.71)	558,330		
Funding Balance Adjustment							
Add Back Depreciation		1,129,600	470,605	0.00	(470,605)	(100.0%)	▼
(Profit)/Loss on Asset Disposal	10	(313,700)	6,700	0.00	(6,700)	(100.0%)	
Adjust Provisions and Accruals		0	0	0.00	0	0.0%	
Net Operating		(7,700)	1,372,882	1,527,218.97	154,337		
Capital Revenues							
Grants, Subsidies and Contributions	8	3,755,500	468,000	335,967.00	(132,033)	(39.3%)	▼
Proceeds from Disposal of Assets	10	1,886,000	262,500	279,069.61	16,570	5.9%	
Transfer from Reserves	9	1,803,600	95,100	130,036.00	34,936	26.9%	
Total		7,445,100	825,600	745,072.61	(80,527)		
Capital Expenses							
Land Held for Resale		0	0	0.00	0	0.0%	
Land and Buildings	12	(3,067,500)	(50,000)	(51,746.46)	(1,746)	(3.4%)	
Plant and Equipment	12	(1,499,000)	(477,600)	(410,015.07)	67,585	16.5%	▼
Furniture and Equipment	12	0	0	0.00	0		
Infrastructure - Roads	12	(2,656,200)	(452,200)	(342,623.25)	109,577	32.0%	▼
Infrastructure - Other	12	(327,000)	(18,000)	(2,966.98)	15,033	506.7%	▼
Repayment of Debentures	12	(59,300)	(19,800)	(19,788.77)	11	0.1%	
Transfer to Reserves	9	(1,728,300)	(658,900)	(662,803.90)	(3,904)	(0.6%)	
Total		(9,337,300)	(1,676,500)	(1,489,944.43)	186,556		
Net Capital		(1,892,200)	(850,900)	(744,871.82)	106,028		
Total Net Operating + Capital		(1,899,900)	521,982	782,347.15	260,365		
Opening Funding Surplus(Deficit)		1,892,500	1,892,500	1,892,463.43	(37)	(0.0%)	
Closing Funding Surplus(Deficit)	4	(7,400)	2,414,482	2,674,810.58	260,329		

SHIRE OF BROOMEHILL-TAMBELLUP STATEMENT OF FINANCIAL ACTIVITY

By Reporting Program For the Period Ended 30 November 2018

	Revised YTD YTD					1
	Note	Budget	Budget	Actual	Var. \$	Var. %
		2018/19	(a)	(b)	(b)-(a)	(b)-(a)/(b)
Operating Revenues						
Governance		36,000	20,000	25,711.39	5,711	22.21%
General Purpose Funding		3,411,600	2,934,510	2,919,960.97	(14,549)	(0.50%)
Law, Order and Public Safety		117,200	89,025	81,809.37	(7,216)	(8.82%)
Health		1,100	500	472.00	(28)	(5.93%)
Education and Welfare		64,800	23,000	19,928.96	(3,071)	(15.41%)
Housing		2,342,700	30,100	30,165.30	65	0.22%
Community Amenities		80,700	66,500	72,671.43	6,171	8.49%
Recreation and Culture		58,000	9,175	8,788.60	(386)	(4.40%)
Transport		3,654,800	750,965	685,624.65	(65,340)	(9.53%)
Economic Services		224,800	24,835	40,821.95	15,987	39.16%
Other Property and Services		61,500	24,765	28,699.06	3,934	13.71%
To	al	10,053,200	3,973,375	3,914,653.68	(58,721)	
Operating Expense						
Governance		(692,800)	(257,730)	(218,303.45)	39,427	18.06% ▼
General Purpose Funding		(262,900)	(107,575)	(117,129.64)	(9,555)	(8.16%)
Law, Order and Public Safety		(227,700)	(103,570)	(86,414.23)	17,156	19.85% ▼
Health		(54,600)	(20,652)	(12,068.64)	8,583	71.12%
Education and Welfare		(83,600)	(35,080)	(26,267.45)	8,813	33.55%
Housing		(91,100)	(33,730)	(16,234.48)	17,496	107.77%
Community Amenities		(426,500)	(172,295)	(146,849.29)	25,446	17.33%
Recreation and Culture		(1,118,700)	(481,272)	(390,516.36)	90,756	23.24%
Transport		(3,922,100)	(1,156,751)	(782,728.30)	374,023	47.78% ▼
Economic Services		(208,100)	(93,390)	(76,448.69)	16,941	22.16%
Other Property and Services		(33,200)	(147,753)	(178,507.18)	(30,754)	(17.23%)
Tot	al	(7,121,300)	(2,609,798)	(2,051,467.71)	558,330	
Funding Balance Adjustment						
Add back Depreciation		1,129,600	470,605	0.00	(470,605)	100.00%
(Profit)/Loss on Asset Disposal	10	(313,700)	6,700	0.00	(6,700)	(100.00%)
Adjust Provisions and Accruals		0	0	0.00	0	
Net Operati	ng	3,747,800	1,840,882	1,863,185.97	22,304	
Capital Revenues			252 - 22	2=2 252 54		/
Proceeds from Disposal of Assets	10	1,886,000	262,500	279,069.61	16,570	5.94%
Transfer from Reserves	9	1,803,600	95,100	130,036.00	34,936	26.87%
To Capital Expenses	al	3,689,600	357,600	409,105.61	51,506	.
Land Held for Resale				0.00		0.000/
	43	(2.067.500)	(EQ 000)	0.00 (51,746.46)	(1.746)	0.00%
Land and Buildings Plant and Equipment	12	(3,067,500)	(50,000)	• • •	(1,746)	(3.38%)
Furniture and Equipment	12	(1,499,000)	(477,600)	(410,015.07) 0.00	67,585 0	16.48% ▼ 0.00%
Infrastructure Assets - Roads	12	(2,656,200)	(452,200)	(342,623.25)	_	0.00% 31.98% ▼
Infrastructure Assets - Roads Infrastructure Assets - Other	12	I ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '		(342,623.25)	109,577	31.98% ▼ 506.68% ▼
Repayment of Debentures	12	(327,000)	(18,000)	(19,788.77)	15,033	0.06%
Transfer to Reserves	9	(59,300) (1,728,300)	(19,800) (658,900)	(662,803.90)	(3,904)	(0.59%)
Total	9	(9,337,300)	(1,676,500)	(1,489,944.43)	186,556	(0.59%)
Net Capital		(5,647,700)	(1,876,500)	(1,489,944.43)	238,061	
Net Capital		(3,647,700)	(1,318,900)	(1,000,030.02)	238,001	
Total Net Operating + Capital		(1,899,900)	521,982	782,347.15	260,365	
Opening Funding Surplus(Deficit)		1,892,500	1,892,500	1,892,463.43	(37)	(0.00%)
Closing Funding Surplus(Deficit)	4	(7,400)	2,414,482	2,674,810.58	260,329	(0.0070)
Closing I unumg surplus(Dencie)	4	(7,400)	2,414,402	2,074,010.30	200,323	

SHIRE OF BROOMEHILL-TAMBELLUP BALANCE SHEET

For the Period Ended 30 November 2018

	Actual 2018/19	C/fwd 1 July 2018
CURRENT ASSETS		
Cash	3,555,472.15	2,242,880.07
Receivables	730,940.81	1,142,472.82
Inventories - Stock on Hand	19,463.96	15,693.36
TOTAL CURRENT ASSETS	4,305,876.92	3,401,046.25
CURRENT LIABILITIES		
Creditors and Provisions	424,992.25	835,276.63
Borrowings	39,500.73	59,289.50
TOTAL CURRENT LIABILITIES	464,492.98	894,566.13
NET CURRENT ASSETS	3,841,383.94	2,506,480.12
NON-CURRENT ASSETS		
Receivables	62,453.44	62,453.44
Inventories - Land Held for Resale	216,000.00	216,000.00
Financial Assets	70,965.45	70,965.45
Property, Plant and Equipment	16,084,240.38	15,901,548.46
Infrastructure Assets	116,520,935.90	116,175,345.67
TOTAL NON-CURRENT ASSETS	132,954,595.17	132,426,313.02
NON-CURRENT LIABILITIES		
Creditors and Provisions	88,933.99	88,933.99
Borrowings	1,160,432.10	1,160,432.10
TOTAL NON-CURRENT LIABILITIES	1,249,366.09	1,249,366.09
NET ASSETS	135,546,613.02	133,683,427.05
EQUITY	26 222 242 22	24.000.000.==
Accumulated Surplus	36,222,810.83	34,892,392.76
Reserves - Asset Revaluation	97,732,575.53	97,732,575.53
Reserves - Cash Backed	1,591,226.66	1,058,458.76
TOTAL EQUITY	135,546,613.02	133,683,427.05

1: (a) Nature or Type Classifications

REVENUES

Rates

All rates levied under the Local Government Act 1995. Includes general, differential, specific area rates, minimum rates, interim rates, back rates, ex-gratia rates, less discounts offered. Exclude administration fees, interest on instalments, interest on arrears and service charges.

Operating Grants, Subsidies and Contributions

Refers to all amounts received as grants, subsidies and contributions that are not non-operating grants.

Non-Operating Grants, Subsidies and Contributions

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

Profit on Asset Disposal

Profit on the disposal of assets including gains on the disposal of long term investments. Losses are disclosed under the expenditure classifications.

Fees and Charges

Revenues (other than service charges) from the use of facilities and charges made for local government services, facility hire charges, fee for service, photocopying charges, licences, sale of goods or information, fines, penalties and administration fees. Includes rubbish collection fees, rental of property, fines and penalties, other fees and charges.

Service Charges

Service charges imposed under Division 6 of Part 6 of the Local Government Act 1995. Regulation 54 of the Local Government (Financial Management) Regulations 1996 identifies these as television and radio broadcasting, underground electricity and neighbourhood surveillance services.

Interest Earnings

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

Other Revenue / Income

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

EXPENSES

Employee Costs

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

1: (a) Nature or Type Classifications

Materials and Contracts

All expenditures on materials, supplies and contracts not classified under other headings. These include supply of goods and materials, legal expenses, consultancy, maintenance agreements, information technology and communications expenses, advertising, memberships, periodicals, publications, hire expenses, rental, leases, postage and freight etc.

Utilities (Gas, Electricity, Water, etc.)

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

Insurance

All insurance premiums - excluding worker's compensation which is included as a cost of employment.

Loss on asset disposal

Loss on the disposal of fixed assets.

Depreciation on non-current assets

Depreciation expense raised on all classes of assets.

Interest expenses

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

Other expenditure

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

1: (b) Reporting Program Classifications (Function / Activity)

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

GOVERNANCE

Objective:

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

Activities:

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

GENERAL PURPOSE FUNDING

Objective:

To collect revenue to allow for the provision of services

Activities

Rates; general purpose government grants and interest revenue.

LAW, ORDER, PUBLIC SAFETY

Objective:

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

Activities:

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

HEALTH

Objective:

To provide an operational framework for environmental and community health.

Activities

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

EDUCATION AND WELFARE

Objective:

To provide services to the elderly, children and youth.

Activities:

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

HOUSING

Objective:

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

Activities:

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

COMMUNITY AMENITIES

Objective:

To provide services required by the Community.

Activities:

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

1: (b) Reporting Program Classifications (Function / Activity)

RECREATION AND CULTURE

Objective:

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

Activities:

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

TRANSPORT

Objective:

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

Activities:

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

ECONOMIC SERVICES

Objective:

To assist in promoting the Shire and its economic wellbeing.

Activities:

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

OTHER PROPERTY & SERVICES

Objectives:

To monitor and control councils works overhead operating accounts.

Activities:

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

2: REPORT ON SIGNIFICANT VARIANCES

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

The material variance adopted by Council for the 2018/19 year is \$10,000 or 10% whichever is the greater.

Variance

	Variance			
OPERATING REVENUES	Timing	Permanent		
Economic Services				
Contractors have been utilising the Broomehill Caravan Park over the last				
4-5 months resulting in an increase in revenue under this heading.		✓		
OPERATING EXPENSES				
Governance				
Asset depreciation has not been allocated this year as the financial statements				
for the previous financial year are yet to be signed off by the Auditor.	✓			
This will be corrected once depreciation is processed for the current year.				
Law, Order & Public Safety				
ESL related expenditure has not been as high as anticipated to date. Orders for	✓			
fire brigade PPE and various equipment is being arranged by the CESM.				
Community Amenities				
The variance relates to the timing of payment for management of the transfer	✓			
stations and household refuse/recycling collections.				
Recreation & Culture				
Asset depreciation has not been allocated this year as the financial statements				
for the previous financial year are yet to be signed off by the Auditor.	✓			
Parks, equipment and recreation facilities are reported under this program				
which results in a fairly large amount of depreciation.				
This will be corrected once depreciation is processed for the current year.				
Transport				
Asset depreciation has not been allocated this year as the financial statements				
for the previous financial year are yet to be signed off by the Auditor.	✓			
A significant portion of depreciation is allocated to this program, relating to roads.				
This will be corrected once depreciation is processed for the current year.				
Other Property & Services				
Plant Operation Costs are underallocated which is normal for this early stge				
in the year. Expenses such as vehicle registrations and insurance are paid at				
the start of the financial year, and the costs allocated over the full 12 months.	✓			
Allocation of plant costs are processed through the payroll based on usage, and				
the allocation rates are monitored over the year.				
	1			

2: REPORT ON SIGNIFICANT VARIANCES

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

The material variance adopted by Council for the 2018/19 year is \$10,000 or 10% whichever is the greater.

Variance

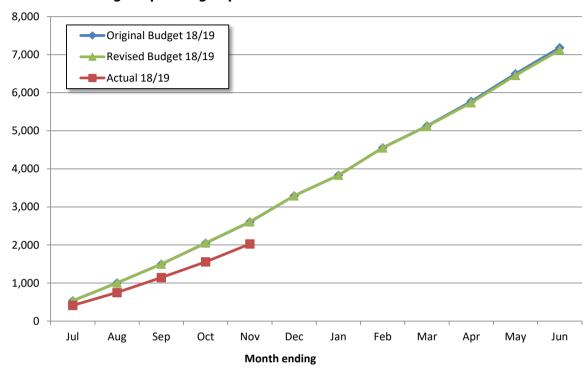
	Vali	ance
CAPITAL REVENUES	Timing	Permanent
Transfers from Reserves A transfer has been made from the Plant Reserve for the changeover of plant and equipment undertaken between July and November. All changeovers are within the budgeted amounts.	✓	
CAPITAL EXPENSES		
Plant and Equipment The variance relates to the timing of changeover of light vehicles.	✓	
Infrastructure - Roads		
The road construction program is progressing however expenditure incurred to date has not been as high as anticipated.	✓	
Infrastructure - Other Expenditure has not been as high as anticipated to date.	✓	

3: Graphical Representation - Source Statement of Financial Activity

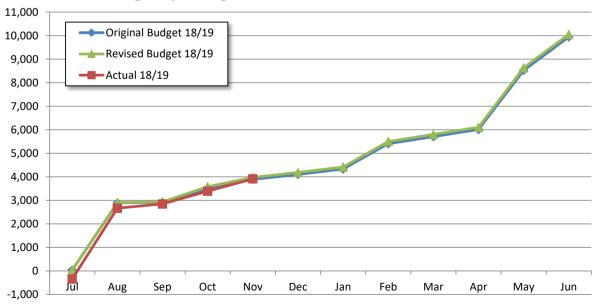
Amount \$ ('000s)

Amount \$ ('000s)

Budget Operating Expenses -v- YTD Actual



Budget Operating Revenues -v- Actual

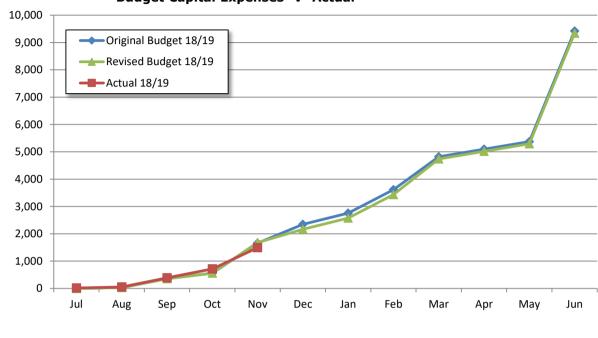


3: Graphical Representation - Source Statement of Financial Activity

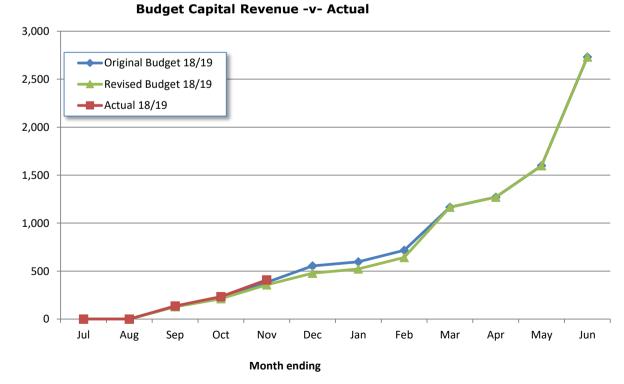
Amount \$ ('000s)

Amount \$ ('000s)

Budget Capital Expenses -v- Actual



Month ending



4: NET CURRENT FUNDING POSTION

	Note	Actual 2018/19	C/fwd 1 July 2018
Current Assets		\$	\$
Cash Unrestricted		948,477.47	501,120.29
Cash Restricted - Unspent Grants	8	1,015,768.02	683,301.02
Cash Restricted - Reserves	9	1,591,226.66	1,058,458.76
Receivables - Rates and Rubbish	6	384,865.24	210,694.51
Receivables - Other	6	300,873.01	329,972.55
Inventories		19,463.96	15,693.36
Accruals and Provisions		5,234.23	474,260.60
		4,265,908.59	3,273,501.09
Less: Current Liabilities			
Payables		(2,254.85)	(257,063.98)
Net GST & PAYG		2,383.50	57,045.69
Accruals and Provisions		0.00	(122,560.61)
		128.65	(322,578.90)
Less: Cash Restricted - Reserves	9	(1,591,226.66)	(1,058,458.76)
Net Current Funding Position		2,674,810.58	1,892,463.43

5: CASH AND INVESTMENTS

(a) Cash Deposits

Municipal Fund

Trust Fund

Cash on Hand

(b) Term Deposits

Reserve Funds

Total

Ref	Interest Rate	Unrestricted \$	Restricted \$	Trust \$	Total \$	Institution	Maturity Date
133 904 987 133 905 067		946,977.47 1,500.00	, ,	255,674.16	1,962,745.49 255,674.16 1,500.00	Bendigo	
	2.55%		1,591,226.66		1,591,226.66	Bendigo	25/02/2019
		948,477.47	2,606,994.68	255,674.16	3,811,146.31		

Comments/Notes - Investments

a) Cash Deposits

The balance reported for the Municipal Fund is the reconciled closing balance of the bank account at the end of the period. The closing balance takes into account unpresented items at the end of the reporting period.

b) Term Deposits

Reserve Funds

Councils Reserve Funds are held collectively in one investment. Further detail in relation to Councils Reserve Funds are shown in Note 9.

6: RECEIVABLES

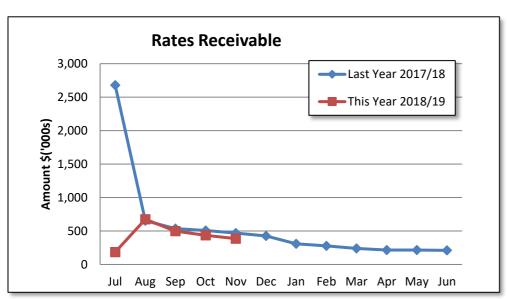
Rates & Rubbish

Opening Arrears Previous Years Rates Levied this year Less Collections to date Equals Current Outstanding

Net Rates Collectable

% Collected

Actual	c/fwd
2018/19	1 July 2018
\$	\$
210,694.51	211,823.65
2,571,135.72	2,474,686.12
(2,396,964.99)	(2,475,815.26)
384,865.24	210,694.51
384,865.24	210,694.51
86.17%	92.16%

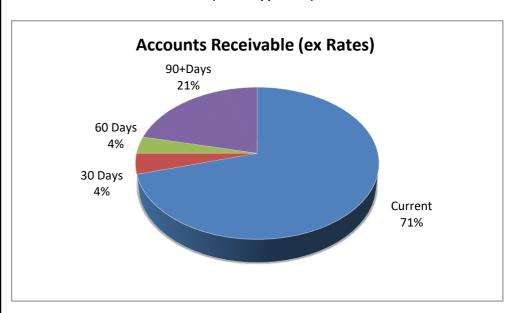


Comments/Notes - Receivables Rates and Rubbish

Rates and charges were levied in July in the 2017/18 year, and in 2018/19 they were raised in August, hence the variance in the graphic above.

Accounts Receivable	Current	30 Days	60 Days	90+Days
	\$	\$	\$	\$
Sundry Debtors	61,551.52	4,961.41	4,072.07	24,137.59
Pensioner Rebates	247.28			
Emergency Services Levy	17,872.80			
	79,671.60	4,961.41	4,072.07	24,137.59
		Total Outstanding		112,842.67

Amounts shown above include GST (where applicable)



Comments/Notes - Receivables General

CBH ex-gratia rates were issued during November.

7: BUDGET AMENDMENTS

Amendments to original budget since budget adoption.

GL	Revenue / (Expense)	Description	Comment	Adopted Budget	Revised Budget	Variance	Cumulative Balance
		Balanced Budget Adopted - 26 July 2018					0
	SURPLUS	Surplus / (Deficit) 1 July 2018	Reduced surplus carried forward	2,144,400	1,892,500	(251,900)	(251,900)
03229.71	Revenue	Financial Assistance Grants - general purpose	Increase in final allocation for 2018/19	540,800	576,200	35,400	(216,500)
03230.71	Revenue	Financial Assistance Grants - local roads	Increase in final allocation for 2018/19	283,600	293,200	9,600	(206,900)
12159.71	Revenue	Main Roads WA - direct grant	Increase in allocation for 2018/19	84,300	143,800	59,500	(147,400)
12228.16	Expense	Roman Road Inventory	Reduction in anticipated expenditure	(20,000)	(10,000)	10,000	(137,400)
12226.16	Expense	Road Maintenance - contract services	Reduction in provision for roadside clearing	(150,000)	(100,000)	50,000	(87,400)
15171.4	Expense	Plant Reserve - transfer to	Reduced transfer into Reserve	(500,000)	(420,000)	80,000	(7,400)
Closing Fun	ding Surplus	(Deficit)		2,383,100	2,375,700	(7,400)	

8: GRANTS AND CONTRIBUTIONS

Program/Provider	Durnoso	c/fwd	Received	Expended	Closing
Frogram/Frovider	Purpose	1 July 2018	2018/19	2018/19	Balance
		\$			
GOVERNANCE					
Department of Local Govt	Amalgamation (Bhill & Tamb)	51,505.52	0.00	0.00	51,505.52
Department of Local Govt	Strategic Community Planning	10,138.14	0.00	(3,500.00)	6,638.14
TRANSPORT					
WA Local Government Grants Commission	Bridge Funding - bridge 4326 Tamb West Rd	262,000.00	0.00	0.00	262,000.00
WA Local Government Grants Commission	Bridge Funding - bridge 4233 Bhill-Koji Rd	340,000.00	0.00	0.00	340,000.00
Main Roads WA	Regional Road Group 2017/18	19,657.36	0.00	0.00	19,657.36
Main Roads WA	Regional Road Group 2018/19	0.00	335,967.00	0.00	335,967.00
TOTALS		683,301.02	335,967.00	(3,500.00)	1,015,768.02

Comments - Grants and Contributions

Bridge funding provided by the WA Local Govt Grants Commission is matched by 1/3 in funding from Main Roads WA. The required works are undertaken by Main Roads WA approved contractors.

9. CASH BACKED RESERVES

Leave Reserve
Plant Reserve
Building Reserve
Computer Reserve
Tambellup Rec Ground & Pavilion Reserve
Broomehill Rec Complex Reserve
Building Maintenance Reserve
Sandalwood Villas Reserve
Bhill Synthetic Bowling Green Reserve
Refuse Sites Post Closure Management Reserve
Lavieville Lodge Reserve
Townscape Plan Implementation Reserve
Tambellup Synthetic Bowling Green Reserve

Revised Budget 2018/19								
Opening	Transfers	Transfers	Closing					
Balance	То	From	Balance					
60,900	51,800	(57,300)	55,400					
212,100	424,000	(588,000)	48,100					
156,200	1,058,000	(958,300)	255,900					
31,800	11,000	0	42,800					
45,400	6,000	0	51,400					
75,400	9,900	0	85,300					
20,100	17,000	0	37,100					
70,200	11,500	0	81,700					
55,500	9,600	0	65,100					
21,000	5,500	0	26,500					
58,100	11,200	0	69,300					
244,300	105,000	(200,000)	149,300					
7500	7800	0	15,300					
1,058,500	1,728,300	(1,803,600)	983,200					

Actual 2018/19									
Opening	Transfers	Transfers	Closing						
Balance	То	From	Balance						
60,902.50	50,667.22	0.00	111,569.72						
212,057.22	422,324.26	(130,036.00)	504,345.48						
156,180.33	101,712.74	0.00	257,893.07						
31,796.57	10,348.12	0.00	42,144.69						
45,400.11	5,497.81	0.00	50,897.92						
75,429.02	9,427.36	0.00	84,856.38						
20,084.77	16,720.47	0.00	36,805.24						
70,174.43	10,769.34	0.00	80,943.77						
55,513.80	9,208.04	0.00	64,721.84						
20,954.53	5,229.76	0.00	26,184.29						
58,139.16	10,637.05	0.00	68,776.21						
244,326.32	2,679.34	0.00	247,005.66						
7,500.00	7,582.39	0.00	15,082.39						
1,058,458.76	662,803.90	(130,036.00)	1,591,226.66						

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

Reserve name

Leave Reserve

Plant Reserve

Building Reserve

Computer Reserve

Tambellup Recreation Ground & Pavilion Reserve

Broomehill Recreation Complex Reserve

Building Maintenance Reserve

Sandalwood Villas Reserve

Broomehill Synthetic Bowling Green Reserve

Refuse Sites Post Closure Management Reserve

Lavieville Lodge Reserve

Townscape Plan Implementation Reserve

Tambellup Synthetic Bowling Green Reserve

- to be used to meet the Councils Long Service Leave liability for its employees.
- to be used for the purchase of plant and equipment in accordance with the Plant Replacement Program.
- to be used to finance replacement, major repair or construction of new Shire buildings, and costs associated with subdivision of land.
- to be used for the replacement or upgrade of computer hardware and software.
- to be used to maintain and develop sport and recreational facilities at the Tambellup Recreation Ground and Pavilion.
- to be used for works at the Broomehill Recreation Complex in agreeance with the Complex Management Committee
- to be used to fund building maintenance requirements for all Shire owned buildings.
- to be utilised towards upgrade and maintenance of the 6 units at Sandalwood Villas.
- to be used for the future replacement of the synthetic bowling green at the Broomehill Recreational Complex.
- to meet the financial requirements for the closure of the Broomehill and Tambellup landfill sites when their useful life expires
- to be utilised towards upgrade and maintenance of the 4 units at Lavieville Lodge.
- to be used for implementation of the Townscape Plans for the Broomehill and Tambellup townsites.
- to be used for the future replacement of the synthetic bowling green at the Tambellup Sportsground

10. DISPOSALS OF ASSETS

The following assets have been disposed of during the period under review:

		Budget 2	017/18		Actual 2017/18			
	Net Book	Sale	5 °C		Net Book Sale _			
By program:	Value	Proceeds	Profit	Loss	Value	Proceeds	Profit	Loss
Governance								
Ford Ranger XLT dual cab - 0TA	49,300	48,600	0	(700)	44,101.93	42,313.95	0.00	(1,787.98)
Ford Ranger XLT dual cab - 0TA	49,300	48,700	0	(600)	0.00	0.00	0.00	
Ford Ranger XLT dual cab - 0TA	49,300	48,700	0	(600)	0.00	0.00	0.00	0.00
Ford Everest Wagon - BH000	46,300	44,000	0	(2,300)	48,724.25	47,892.06	0.00	(832.19)
Ford Everest Wagon - BH000	46,300	44,000	0	(2,300)	0.00	0.00	0.00	
Housing		·		` '				
1 Janus Street, Broomehill	155,200	280,000	124,800	0	0.00	0.00	0.00	0.00
11 Lavarock Street, Broomehill	130,600	200,000	69,400	0	0.00	0.00	0.00	0.00
20 Henry Street, Tambellup	135,600	220,000	84,400	0	0.00	0.00	0.00	0.00
27 East Terrace, Tambellup	92,200	240,000	147,800	0	0.00	0.00	0.00	
Transport		•						
Isuzu FRR600 truck TA017	62,900	25,000	0	(37,900)	0.00	0.00	0.00	0.00
Isuzue FRR500 tipper truck TA386	53,000	25,000	0	(28,000)	0.00	0.00	0.00	0.00
Caterpillar PR300 roller BH005	42,000	50,000	8,000	0	45,000.16	54,000.00	8,999.84	0.00
Toro Mower BHT84	22,800	10,000	0	(12,800)	0.00	0.00	0.00	0.00
Toro Mower BH007	28,600	15,000	0	(13,600)	0.00	0.00	0.00	0.00
Ford Ranger Wildtrak dual cab 1TA	44,900	43,300	0	(1,600)	44,754.20	45,556.27	802.07	0.00
Ford Ranger Wildtrak dual cab 1TA	44,900	43,300	0	(1,600)	46,465.36	45,854.49	0.00	(610.87)
Ford Ranger Wildtrak dual cab 1TA	44,900	43,400	0	(1,500)	0.00	0.00	0.00	
Ford Ranger dual cab - TA052	36,700	35,000	0	(1,700)	0.00	0.00	0.00	
Ford Ranger XLT dual cab - TA001	43,700	41,600	0	(2,100)	43,671.90	43,452.84	0.00	(219.06)
Ford Ranger XLT dual cab - TA001	43,700	41,700	0	(2,000)	0.00	0.00	0.00	
Ford Ranger XLT dual cab - TA001	43,700	41,700	0	(2,000)	0.00	0.00	0.00	
Ford Ranger dual cab - BH00	36,200	35,000	0	(1,200)	0.00	0.00	0.00	0.00
Ford Ranger dual cab - BH00	36,200	35,000	0	(1,200)	0.00	0.00	0.00	0.00
Ford Ranger extra cab - BH014	42,600	41,000	0	(1,600)	0.00	0.00	0.00	0.00
Ford Ranger extra cab - BH014	42,600	41,000	0	(1,600)	0.00	0.00	0.00	
Ford Ranger dual cab - BH003	47,000	45,000	0	(2,000)	0.00	0.00	0.00	0.00
Ford Ranger dual cab - BH003	47,000	45,000	0	(2,000)	0.00	0.00	0.00	0.00
Toyota Hilux single cab - TA005	36,500	35,000	0	(1,500)	0.00	0.00	0.00	0.00
Economic Services	, , , , , , ,	,		(/= /				
Lot 19 Taylor Street, Tambellup	15,000	15,000	0	0	0.00	0.00	0.00	0.00
, , ,	1,569,000	1,881,000	434,400	(122,400)	272,717.80	279,069.61	9,801.91	(3,450.10)
By Class:	, ,	, , , , ,	,			•	,	. , , /
Land and Buildings	528,600	955,000	426,400	0	0.00	0.00	0.00	0.00
Plant and Equipment	1,040,400	926,000	8,000	(122,400)	272,717.80	279,069.61	9,801.91	(3,450.10)
winderhament	1,569,000	1,881,000	434,400	(122,400)	272,717.80	279,069.61	9,801.91	(3,450.10)

11: OPERATING REVENUE AND EXPENSE

11: OPERATING REVENUE AND EXPENSE				
	Revised	Revised	Actual	Actual
	Budget	Budget		
	Revenue	Expense	Revenue	Expense
	2018/19	2018/19	2018/19	2018/19
	2016/19	2016/19		
GENERAL PURPOSE FUNDING				
Rate Revenue	2,514,300	(202,100)	2,472,771.56	(91,272.11)
General Purpose Funding	869,400	(202,100)	434,740.50	0.00
Other General Purpose Funding	27,900	(60,800)	12,448.91	(25,857.53)
TOTAL GENERAL PURPOSE FUNDING	3,411,600	(262,900)	2,919,960.97	(117,129.64)
TOTAL GENERAL FOR OSE FORDING	3,411,000	(202,500)	2,313,300.37	(117,125,04)
GOVERNANCE				
Members Of Council	16,000	(628,200)	15,698.48	(201,471.29)
Administration General	11,000	, , ,	10,012.91	0.00
Other Governance	9,000	(64,600)	0.00	(16,832.16)
TOTAL GOVERNANCE	36,000	(692,800)	25,711.39	(218,303.45)
			·	<u> </u>
LAW, ORDER & PUBLIC SAFETY				
Fire Prevention	113,100	(184,900)	78 <i>,</i> 576.82	(69,476.25)
Animal Control	4,100	(41,800)	3,232.55	(16,269.18)
Other Law, Order & Public Safety	0	(1,000)	0.00	(668.80)
TOTAL LAW, ORDER & PUBLIC SAFETY	117,200	(227,700)	81,809.37	(86,414.23)
HEALTH				
Maternal & Infant Health	600	(16,100)	0.00	(2,356.01)
Health Inspection & Administration	500	(22,900)	472.00	(5,980.58)
Preventative Services - Pest Control	0	(15,600)	0.00	(3,732.05)
TOTAL HEALTH	1,100	(54,600)	472.00	(12,068.64)
EDUCATION & WELFARE				
Other Education	62,300	(68,600)	19,928.96	(25,722.00)
Other Welfare	2,500	(15,000)	0.00	(545.45)
TOTAL EDUCATION & WELFARE	64,800	(83,600)	19,928.96	(26,267.45)
HOUSING		_		
Staff Housing	1,151,400	. 0	0.00	177.50
Other Housing	1,191,300	(91,100)	30,165.30	(16,411.98)
TOTAL OTHER HOUSING	2,342,700	(91,100)	30,165.30	(16,234.48)
COMMUNITY ANAFAUTIFS				
COMMUNITY AMENITIES	62.763	(252.202)	62.046.02	(00.424.42)
Household Refuse	63,700	(253,200)	62,016.93	(80,431.12)
Protection Of The Environment	2,000	(2,000)	2,320.68	(2,123.31)
Town Planning & Regional Development	5,000	(73,700)	6,844.73	(32,289.12)
Other Community Amenities	10,000	(44,700)	1,489.09	(14,051.28)
Public Conveniences	0	(52,900)	0.00	(17,954.46)
TOTAL COMMUNITY AMENITIES	80,700	(426,500)	72,671.43	(146,849.29)

11: OPERATING REVENUE AND EXPENSE

	Revised Budget Revenue 2018/19	Revised Budget Expense 2018/19	Actual Revenue 2018/19	Actual Expense 2018/19
RECREATION & CULTURE				
Public Halls & Civic Centres	13,400	(259,200)	5,163.98	(98,305.30)
Other Sport & Recreation	44,200	(735,000)	3,591.88	(253,137.13)
Libraries	400	(88,200)	32.74	(33,543.59)
Other Culture	0	(36,300)	0.00	(5,530.34)
TOTAL RECREATION & CULTURE	58,000	(1,118,700)	8,788.60	(390,516.36)
TRANSPORT				
Road Construction	1,718,800	0	335,967.00	0.00
Streets Roads Bridges & Depot Maint	1,913,800	(3,867,100)	341,652.10	(758,833.85)
Traffic Control	22,200	(55,000)	8,005.55	(23,894.45)
TOTAL TRANSPORT	3,654,800	(3,922,100)	685,624.65	(782,728.30)
ECONOMIC SERVICES				
Rural Services	0	(1,500)	0.00	(239.86)
Tourism & Area Promotion	192,600	(88,500)	29,058.65	(41,896.91)
Building Control	12,200	(63,400)	4,370.15	(20,251.52)
Other Economic Services	20,000	(54,700)	7,393.15	(14,060.40)
TOTAL ECONOMIC SERVICES	224,800	(208,100)	40,821.95	(76,448.69)
OTHER PROPERTY & SERVICES				
Private Works	20,000	(18,700)	5,555.80	(5,713.13)
Public Works Overhead	1,500	(10,700)	1,267.00	7,986.15
Plant Operation Costs	40,000	0	12,323.24	(130,104.23)
Workers Compensation	0	o	9,553.02	(12,709.67)
Salaries & Wages	0	0	0.00	(35,716.30)
Unclassified	0	(14,500)	0.00	(2,250.00)
TOTAL OTHER PROPERTY & SERVICES	61,500	(33,200)	28,699.06	(178,507.18)
TOTAL OPERATING	10,053,200	(7,121,300)	3,914,653.68	(2,051,467.71)
IOIAL OFERATING	10,055,200]	(7,121,300)	3,314,033.08	(2,031,407./1)

12: CAPITAL DISPOSALS AND ACQUISITIONS

12. CAPITAL DISPOSALS AND ACQUISITIONS					
		Revised	Revised	Actual	Actual
		Budget	Budget		
		Revenue	Expense	Revenue	Expense
		2018/19	2018/19	2018/19	2018/19
GOVERNANCE	l	2010/13	2010/13		
Tambellup Admin Building - solar energy	P&E	o	(10,000)	0.00	0.00
	FOL	o l	(10,000)	0.00	0.00
Plant Replacement		146 000	(456,000)	42 242 05	(42.222.05)
Ford Ranger dual cab (CEO) - 0TA (3 changeovers)	P&E	146,000	(156,000)	42,313.95	(43,223.05)
Ford Everest wagon (MFA) - BH000 (2 changeovers)	P&E	88,000	(98,000)	47,892.06	(48,801.15)
	Total	234,000	(264,000)	90,206.01	(92,024.20)
HOUSING					
27 East Terrace - replace ceiling in kitchen/dining	L&B	0	(7,500)	0.00	0.00
Independent Living Units - Broomehill	L&B	0	(1,280,000)	0.00	0.00
Staff housing - Broomehill	L&B	0	(500,000)	0.00	0.00
Staff housing - Broomehill	L&B	0	(475,000)	0.00	0.00
Staff housing - Tambellup	L&B	0	(475,000)	0.00	0.00
Sale of 1 Janus Street, Broomehill	L&B	280,000	(110,000,	0.00	0.00
Sale of 11 Lavarock Street, Broomehill	L&B	200,000	0	0.00	0.00
Sale of 20 Henry Street, Tambellup	L&B	220,000	0	0.00	0.00
·			0	0.00	
Sale of 27 East Terrace, Tambellup	L&B	240,000	(2.727.500)		0.00
COMMUNITY AMENITIES	Total	940,000	(2,737,500)	0.00	0.00
	-0-	0	(20,000)	0.00	0.00
Transfer Stations - bin lifters (2x)	P&E	0 0	(20,000) (20,000)	0.00	0.00
DECDEATION & CHITHDE	Total	- U	(20,000)	0.00	0.00
RECREATION & CULTURE		0	(40.000)	0.00	0.00
Tambellup Oval - replace fencing along Cremasco Rd (c/over)	I-O	0	(10,000)	0.00	0.00
Diprose Park - drainage improvements and shade over junior play		0	(55,000)	0.00	0.00
Subdivision costs - No 1 Dam	L&B	0	(10,000)	0.00	0.00
Tambellup Hall - replace kitchen ceiling (c/over)	L&B	0	(5,000)	0.00	0.00
Crawford Street basketball court - extend surface, improve lighting	I-O	0	(32,000)	0.00	0.00
	Total	0	(112,000)	0.00	0.00
TRANSPORT					
Buildings					
Tambellup Depot - washdown bay	L&B	0	0	0.00	(23,216.99)
Tambellup Depot - oil shed/oil disposal system	L&B	0	(50,000)	0.00	(28,529.47)
Tambellup Depot - workshop hoist	P&E	0	(35,000)	0.00	0.00
Plant Replacement					
Isuzu FRR600 truck - TA017	P&E	25,000	(95,000)	0.00	0.00
Isuzu FRR500 tipper truck - TA386	P&E	25,000	(85,000)	0.00	0.00
Caterpillar Multi Tyred Roller - BH005	P&E	50,000	(200,000)	54,000.00	(155,400.00)
Toro Finishing Mower - BHT84	P&E	10,000	(45,000)	0.00	0.00
Toro 360 Mower - BH007	P&E	15,000	(45,000)	0.00	0.00
Ford Ranger Wildtrak dual cab (MOW) - 1TA (3 changeovers)	P&E	130,000	(140,000)	91,410.76	(93,228.94)
Ford Ranger Single Cab - TA052	P&E	35,000	(40,000)	0.00	0.00
Ford Ranger XLT dual cab - TA001 (3 changeovers)	P&E	125,000	(135,000)	43,452.84	(44,361.93)
Ford Ranger dual cab - BH00 (2 changeovers)	P&E	70,000	(80,000)	0.00	0.00
Ford Ranger extra cab - BH014 (2 changeovers)	P&E	82,000	(90,000)	0.00	0.00
Ford Ranger dual cab - BH003 (2 changeovers)	P&E	90,000	(100,000)	0.00	0.00
Ford Escape wagon - TA005	P&E	35,000	(40,000)	0.00	0.00
Forklift	P&E	0	(20,000)	0.00	(25,000.00)
John Deere Gator - TA417	P&E	5,000	(35,000)	0.00	0.00
Sundry Plant	P&E	0	(30,000)	0.00	0.00
Townscape		_[(200.225)	2.25	(2.055.00)
Townscape Plan - Broomehill & Tambellup	I-O	0	(200,000)	0.00	(2,966.98)

12: CAPITAL DISPOSALS AND ACQUISITIONS

12. CAPITAL DISPOSALS AND ACQUISITIONS	Ī	Revised	Revised		
				Actual	Actual
		Budget	Budget	Revenue	Expense
		Revenue	Expense	2018/19	2018/19
		2018/19	2018/19		
TRANSPORT					
Road Construction		_	((22.422.24)
Gnowangerup-Tambellup Road - reseal - carry over 17/18	I-R	0	(46,000)	0.00	, , ,
Broomehill-Kojonup Road - reseal - carry over 17/18	I-R	0	(65,800)	0.00	, , ,
Pallinup South Road - construct & seal	I-R	0	(495,000)	0.00	, ,
Warrenup Road - construct & seal	I-R	0	(356,500)	0.00	, , ,
Broomehill-Kojonup Road - stabilise patches & reseal	I-R	0	(203,400)	0.00	, , ,
Tambellup West Road - reconstruct & seal	I-R	0	(60,600)	0.00	(4,041.35)
Tambellup West Road - stabilise patches & reseal	I-R	0	(144,400)	0.00	(7,802.76)
Roads to Recovery					
Flat Rocks Road - construct & seal 3km	I-R		(324,000)	0.00	0.00
Morgan Road - seal	I-R	0	(71,800)	0.00	0.00
McGuire Road - seal	I-R	0	(40,000)	0.00	0.00
Taylor Street - drainage design	I-R	0	(10,000)	0.00	0.00
Commodity Routes					
Toolbrunup Road - reseal - carry over 17/18	I-R	0	(40,000)	0.00	0.00
Black Spot			, , ,		
Tamb West Rd / Warrenup Rd intersection - sight distance - carry	I-R	0	(20,000)	0.00	0.00
Add back Job Depreciation	I-R	0	159,300	0.00	29,042.00
Footpaths			,		,
Footpath Plan	I-R		(35,000)	0.00	0.00
Bridgeworks			(,,		
Broomehill-Kojonup Rd - Bridge # 4233	I-R	0	(510,000)	0.00	0.00
Tambellup West Rd - Bridge # 4326	I-R	o	(393,000)	0.00	0.00
	Total	697,000	(4,121,200)	188,863.60	(715,327.56)
ECONOMIC SERVICES		001,000	(:,===,===,		(2 20,022 200)
Tambellup Caravan Park - investigate development of former Bow	I-O	0	(10,000)	0.00	0.00
Design - Holland Track Interpretive Centre & incorporate existing t		o	(20,000)	0.00	0.00
Chalets - Broomehill Caravan Park	L&B	o	(255,000)	0.00	0.00
Chalcis Brotherm caravant and	Total	0	(285,000)	0.00	0.00
	Total		(203,000)	0.00	0.00
OTHER PROPERTY & SERVICES					
Subdivision costs Lot 22 Taylor Street	L&B	О	(10,000)	0.00	0.00
Sale of Lot 8 Taylor St, Tambellup	L&B	15,000	(10,000)	0.00	0.00
Suic of Lot o Taylor St, Tambenap	Total	15,000	(10,000)	0.00	0.00
	TOtal	13,000	(10,000)	0.00	0.00
Total	ŀ	1,886,000	(7,549,700)	279,069.61	(807,351.76)
Total		1,000,000	(7,545,700)	273,003.01	(007,331.70)
LAND HELD FOR RESALE	LR	o	0	0.00	0.00
LAND & BUILDINGS	LK L&B	955,000	(3,067,500)	0.00	
PLANT & EQUIPMENT		933,000	(1,499,000)	279,069.61	, , ,
	P&E	· ·			
INFRASTRUCTURE - ROADS	I-R	0	(2,656,200)	0.00	, ,
INFRASTRUCTURE - PARKS	I-O	1 886 000	(327,000)	0.00	
	Į	1,886,000	(7,549,700)	279,069.61	(807,351.76)

Revised

Revised

Actual

Actual

12: CAPITAL DISPOSALS AND ACQUISITIONS

	Budget Revenue 2018/19	Budget Expense 2018/19	Actual Revenue 2018/19	Actual Expense 2018/19
RESERVE TRANSFERS - from/(to)				
Leave Reserve	57,300	(51,800)	0.00	(50,667.22)
Plant Replacement Reserve	588,000	(424,000)	130,036.00	(422,324.26)
Building Reserve	958,300	(1,058,000)	0.00	(101,712.74)
Computer Reserve	0	(11,000)	0.00	(10,348.12)
Tambellup Rec Ground & Pavilion Reserve	0	(6,000)	0.00	(5,497.81)
Broomehill Rec Complex Reserve	0	(9,900)	0.00	(9,427.36)
Building Maintenance Reserve	0	(17,000)	0.00	(16,720.47)
Sandalwood Villas Reserve	0	(11,500)	0.00	(10,769.34)
Broomehill Synthetic Bowling Green Replacement Reserve	0	(9,600)	0.00	(9,208.04)
Refuse Sites Post Closure Management Reserve	0	(5,500)	0.00	(5,229.76)
Lavieville Lodge Reserve	0	(11,200)	0.00	(10,637.05)
Townscape Plan Implementation Reserve	200,000	(105,000)	0.00	(2,679.34)
Tambellup Synthetic Bowling Green Replacement Reseve	0	(7,800)	0.00	(7,582.39)
	1,803,600	(1,728,300)	130,036.00	(662,803.90)
LOANS				
Loan Repayments	0	(59,300)	0.00	(19,788.77)
Proceeds from New Loans	0	0	0.00	0.00
	0	(59,300)	0.00	(19,788.77)
TOTAL CADITAL	2 500 500	(0.007.000)	400 407 61	/4 400 044 551
TOTAL CAPITAL	3,689,600	(9,337,300)	409,105.61	(1,489,944.43)

13: 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 2018	Amount Received	Amount Paid	Closing Balance
Hall Bonds	1,050.00	2,750.00	(3,400.00)	400.00
Key Bonds	300.00	50.00	(200.00)	150.00
Equipment Bonds	0.00	250.00	(250.00)	0.00
House Bonds	440.00	0.00	0.00	440.00
Nomination Deposits	0.00	0.00	0.00	0.00
Prepaid Cemetery Fees	588.00	0.00	(588.00)	0.00
Hidden Treasures	60,264.20	16,000.00	0.00	76,264.20
Broomehill Liaison Group	1,243.74	0.00	0.00	1,243.74
Fire Prevention	4,834.27	0.00	0.00	4,834.27
Youth Support Donations	130.00	0.00	0.00	130.00
Tourism Donations	43.83	0.00	0.00	43.83
Roadwise	329.18	0.00	0.00	329.18
University Block - Building Retention Bonds	2,456.49	0.00	0.00	2,456.49
YMCA - A Smart Start Program	180,178.21	0.00	(19,928.96)	160,249.25
Broomehill Dramatic Society	3,417.86	0.00	0.00	3,417.86
Rates - held in trust upon sale of property	4,149.34	0.00	0.00	4,149.34
Unclaimed Monies (2003)	1,566.00	0.00	0.00	1,566.00
	260,991.12	19,050.00	(24,366.96)	255,674.16

NARDLAH ROAD

— EXISTING DRAINAGE BASIN

(99) EXISTING OPEN BULKHEAD

(98) EXISTING OPEN BULKHEAD

NEW BASINS (2017 BUILD)

REFER TO PLAN

OLO MARDIAN REGISTRADOR

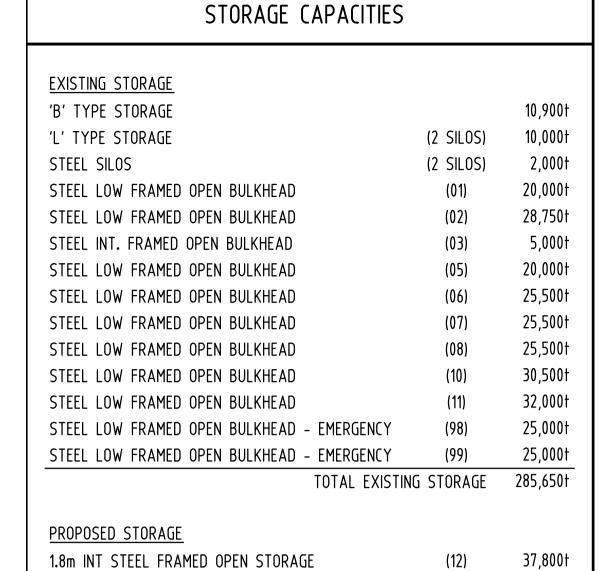
EXISTING OPEN BULKHEAD

EXISTING OPEN BULKHEAD

EXISTING OPEN BULKHEAD

(05)

(07)



TOTAL SITE STORAGE

1.8m INT STEEL FRAMED OPEN STORAGE

363,050 t

TOTAL PROPOSED STORAGE

39,600t

77,400t

EXISTING BUILDINGS

<u>NOTE</u>

STORAGES SHOWN ARE INDICATIVE ONLY AND NOT NECESSARILY WHAT MAY BE INCORPORATED IN THE FUTURE DEVELOPMENT OF THE SITE

LEGEND TRAFFIC MOVEMENTS (TRUCKS FULL) TRAFFIC MOVEMENTS (TRUCKS EMPTY) DRAINAGE BASIN DRAINAGE (INDICATIVE) CULVERT (INDICATIVE) **≻**----≺ CADASTRAL BOUNDARY WATERCORP EASEMENT _____ EXISTING PROPERTY FENCE CBH BOUNDARY SANDALWOOD PLANTATION BOUNDARY RAIL LINE —— — U/G P — — — UNDERGROUND POWER COMMS CABLE _____ - c - - ____ OVERHEAD POWER LINES _____ O/H P _____

HATCHING LEGEND

AREA OF NEW OBH WORKS

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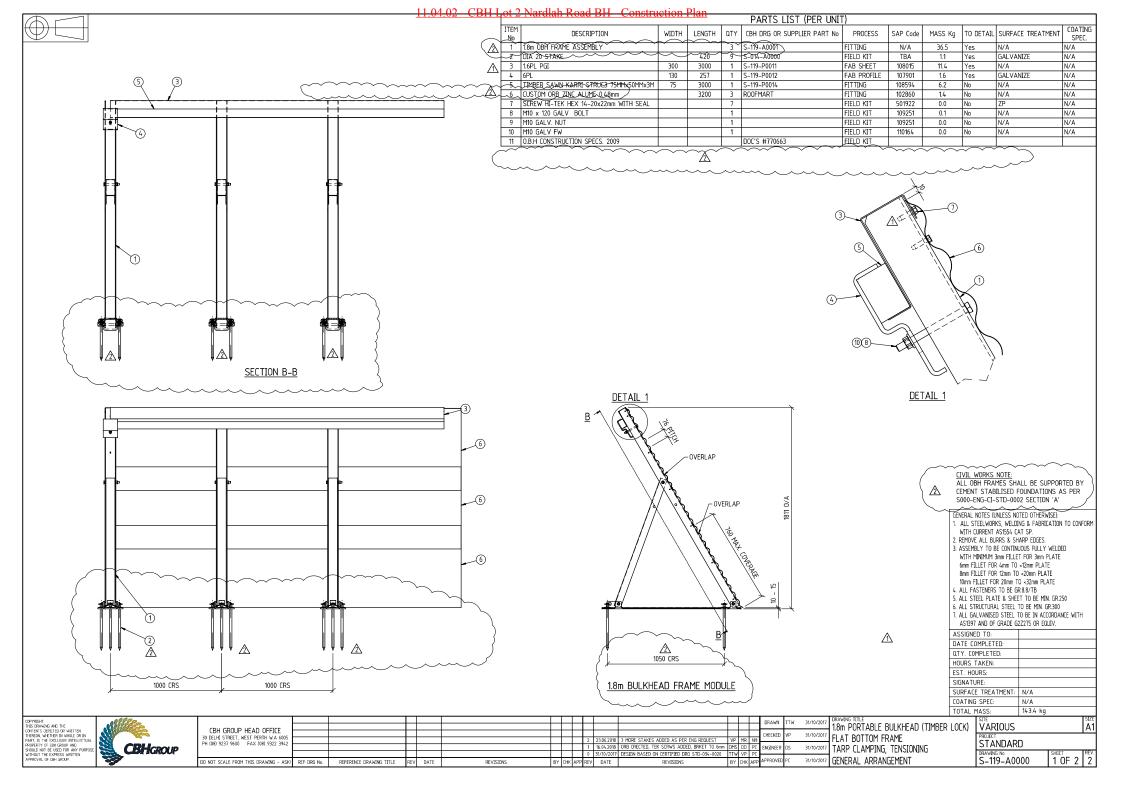
REPRODUCED OR USED FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN APPROVAL OF

CBH GROUP.



42,800m²

	CULVERTS SIZE TBC)	(10)	D.O.G. ROAL PLAN	D AND BYPASS LANE		STING (BH PROPERTY	15500 @ A1 MUTH 13000 @ A2 0	REY PLAN NTS PRELIMINARY ISSUE DO NOT USE FOR CONSTRUCTION DATE 14.11.18
·			PLAN SCALE 1:1500					
CBH GROUP HEAD OFFICE 30 DELHI STREET WEST PERTH W.A. 6005					SCALE 1:1500 DES. CHECK DRAWN		BROOMEHILL PRE FEASIBILITY STUDY	BROOMEHILL PROJECT M-2731
PH (08) 9237 9600 FAX (08) 9322 3942	-	-	A 14.11.18 ISSUED AS CHECK PRINT AND FOR F		CHECKED		75,000† ADDITIONAL STORAGE - D.O.G. INLOACONCEPTUAL LAYOUT No. 1	AD DRAWING NO REV. A
DO NOT SCALE FROM THIS DRAWING	REF DRG No.	REFERENCE DRAWING TITLE	REV DATE REVISIONS	BY CHK'D APP'D	NORTH POINT APPROVED			





STORMWATER REPORT

BROOMEHILL BULK HEAD EXPANSION

MCDOWALL AFFLECK PROJECT NUMBER: 15945



REVISION STATUS

REV	DATE	DESCRIPTION	BY	CHECKED
Α	01/11/2018	PRELIM DRAFT	HM	-
В	16/11/2018	ISSUED FOR APPROVAL	HM	VT



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1 Introduction

McDowall Affleck has been appointed by CBH as Engineering Consultants for the proposed Bulk Head Expansion at Broomehill.

The proposed expansion has a total impervious area of approximately 3.8 hectares.

1.1 Objectives

The objective of this Stormwater Design Report (SDR) is to assess the predevelopment and post development conditions of the subject land in accordance with guidelines set by the CBH and the Local Authority.

This SDR provides details on how stormwater will be managed to reduce the impacts of flooding from the expansion.

2 Pre development Environment

2.1 Geotechnical Conditions

A Geotechnical investigation has been undertaken by Galt Geotechnical Engineers in October 2018. Based on the geotechnical test pits, the soil profile generally across the site comprises of:

- Silty SAND (SM): fine to coarse, sub-angular to sub-rounded, brown to pale brown, with 10-20 % non-plastic fines, trace laterite gravel, typically dry, typically stiff/dense, 0.3 m to 0.5 m thick; overlying
- Sandy GRAVEL/Gravelly SAND (GP-SP): fine to coarse grained laterite gravel, subrounded to rounded, with approximately 30-50% fine to coarse sand, trace fines, typically dense, ranging from depths of 0.1 to 0.9 m: overlying
- Sandy CLAY/Silty CLAY: low to medium plasticity, brown to orange, with fine to coarse sand, trace gravel, dry to moist, typically very stiff, ranging from depths of 0.5 to 2.0 m; overlying
- SILT: (ML) low plasticity, pale red to off-white becoming white with depth, trace sand, typically moist, typically very stiff, ranging from depths of 1.2 m to maximum depth of investigation 4.5 m

Groundwater was not encountered in any of the test pits to a maximum depth of investigation of 4.5 m. However, it is noted that shallow groundwater is likely to perch on the clayey soils after significant rainfall events.

Infiltration rates have been recorded to be the order of 0.3m/day to 0.6m/day.

2.2 Existing Basins

Two existing basins are located north of the proposed bulk heads and capture flow from external corridors and the recently constructed bulk heads No 10 and 11.

The calculated volume of the existing basins A & B is the order of 9000m³.

3 Stormwater Management Principles

The CBH guidelines have been used as the basis for the stormwater management design within the site. The drainage philosophy and assumptions are as follow:

- Open drain channels and culverts sized to cater for 1 in 20 Post Development ARI;
- Open drains to have a minimum of 0.4m depth, maximum 1:3 side slopes and minimum 1.5m wide base:
- The basin is to cater for the 1 in 20-year ARI for post development storage volume.



 Erosion protection to be installed where velocities are estimated to be greater than 2m/s;

3.1.1 Rainfall Data

Design rainfall Intensity Frequency Duration (IFD) data was produced using the Bureau of Meteorology AEP software based on the co-ordinates of the proposed bulk heads.

The summary of the IFD table is shown below:

Table 1: Summary of IFD

EY Annual Exceedance Probability (AEP)							
Duration	1EY	50%	20%	10%	5%	2%	1%
1 min	1.37	1.56	2.25	2.77	3.34	4.19	4.92
2 min	2.42	2.74	3.86	4.7	5.59	6.76	7.69
3 min	3.21	3.65	5.15	6.28	7.5	9.14	10.5
4 min	3.84	4.37	6.21	7.61	9.1	11.2	12.9
5 min	4.36	4.98	7.1	8.73	10.5	13	15.1
10 min	6.18	7.07	10.2	12.6	15.3	19.3	22.7
15 min	7.37	8.44	12.2	15.1	18.3	23.1	27.4
30 min	9.72	11.1	15.9	19.7	23.7	29.8	35
1 hour	12.6	14.3	20.3	24.9	29.8	36.8	42.8
2 hour	16.2	18.4	25.8	31.3	37.2	45.5	52.4
3 hour	18.7	21.1	29.6	35.8	42.5	52	59.9
6 hour	23.5	26.6	37.2	45.2	53.8	66.7	77.7
12 hour	28.7	32.4	45.8	56.4	68.1	86.6	103
24 hour	33.6	37.9	54.2	68	84.1	110	134
48 hour	38.1	42.7	61.3	78.1	98.8	132	164
72 hour	40.8	45.6	64.9	82.9	105	141	176
96 hour	43.1	48	67.8	86.1	109	145	181
120 hour	45.4	50.4	70.4	88.6	111	147	182
144 hour	47.8	53	73.1	90.9	112	147	183
168 hour	50.4	55.7	76	93.3	114	147	183

3.1.2 Pre-development and Post- development Flow Calculation

At post development stage, all runoff will be directed into the basin. No Pre-development flow will discharge due to the low level of the site, when the basin reaches capacity, the stormwater will backflow to the external drain.

The rational method has been used to calculate the predevelopment and post development flow of the site with time of concentration calculated using kinematic wave equation.

The CBH design standard specifies a 20 year coefficient of runoff. ARR uses a 10 year coefficient as the basis of the calculations, therefore in accordance with ARR we have used a frequency factor to convert the 20 Year coefficient to a 10 year coefficient for calculation purposes.

Calculation of flows running through drains are presented in Appendix 2 of this report.

Assumptions of calculation are described as follows:



For predevelopment flow:

- Surface roughness coefficient n* = 0.035 for vegetated surface
- For 1 in 20 yrs, $C_{20} = 0.2$
- For 1 in 10 yrs, $C_{10} = 0.19$

For post development flow:

- Surface roughness coefficient n*= 0.022 for open channels
- For 1 in 20 yrs, $C_{20} = 0.9$ for paved surface
- For 1 in 10 yrs, $C_{10} = 0.86$

4 Basins

4.1 Basin Expansion Calculation

The basin's additional storage has been sized to have a storage capacity to cater for 1 in 20 years ARI event with a minimum freeboard of 300mm and no predevelopment discharge. Storage volumes are calculated using the Modified Copas equation as shown in Appendix 2.

Basis of design and assumptions are described as follows:

- Side slope is 1 in 3;
- Existing inlet pipework has been assessed based on the Manning equation for pipe flowing full (concrete pipe);
- Infiltration rate into ground used 0 m/day as the infiltration rate will be affected by the amount of silt within the basin;
- Existing Storage 7300m³ includes previous development and external catchments;
- Additional Storage Required 5,900m³;
- Total Additional Storage Provided 6000m3.

5 Open Channels

5.1 Drain 1

Drain 1 catchment has been assessed on the external contributing catchment and that of the proposed impervious area of bulk storage:

For the purpose of the calculations the development area has been assessed:

- Pre-development catchment 255,901m²;
- Post-development impervious catchment 13,326m²;
- Distance of flow 430m;
- Post-development flow 1031 l/s.

The minimum capacity of a drain construction with 1.5m base, 1 in 3 side slopes and 0.5m deep, at 0.7% grade is 2678 l/s. The catchment 1 in 20 year flow rate is 1031 l/s which results in an estimated velocity of 1.38m/s. The Velocity of the drain does not require erosion control as velocity is less than 2m/s, however erosion control is recommended at significant changes in direction.

The drain at location 1 has the required capacity to cater for the external catchment and the proposed bulkheads.

5.2 Drain 2

Drain 2 catchment has been assessed on the external contributing catchment and that of the proposed impervious area of bulk storage:



For the purpose of the calculations the development area has been assessed:

- Pre-development catchment 274,821m²;
- Post-development impervious catchment 32,246m²;
- Distance of flow 430m;
- Post-development flow 1321 l/s.

The minimum capacity of a drain construction with 1.5m base, 1 in 3 side slopes and 0.5m deep, at 0.37% grade is 1947 l/s. The catchment 1 in 20 year flow rate is 1321 l/s which results in an estimated velocity of 1.17m/s. The Velocity of the drain does not require erosion control as velocity is less than 2m/s, however erosion control is recommended at significant changes in direction.

The drain at location 2 has the required capacity to cater for the external catchment and the proposed bulkheads.

5.3 **Drain** 3

Drain 3 catchment has been assessed on the external contributing catchment and that of the proposed impervious area of bulk storage:

For the purpose of the calculations the development area has been assessed:

- Pre-development catchment 298,667m²;
- Post-development impervious catchment 56,092m²;
- Distance of flow 500m;
- Post-development flow 1578 l/s.

The minimum capacity of a drain construction with 1.5m base, 1 in 3 side slopes and 0.8m deep, at 1.66% grade is 12,962 l/s. The catchment 1 in 20 year flow rate is 1578 l/s which results in an estimated velocity of 2.05m/s. The Velocity of the drain will require erosion control as velocity is greater than 2m/s.

The drain at location 3 has the required capacity to cater for the external catchment and the proposed bulkheads.

5.4 Drain 4

Drain 4 and assessment of the existing drain and its capacity:

For the purpose of the calculations the development area has been assessed:

- Pre-development catchment 55,708m²;
- Post-development impervious catchment 37,373m²
- Distance of flow 350m
- Post-development flow 844L/s

The minimum capacity of a drain construction with 1.5m base, 1 in 3 side slopes and 0.5m deep, at 1% grade is 3201 L/s. The catchment 1 in 20 year flow rate is 844 l/s which results in an estimated velocity of 1.2m/s. The Velocity of the drain does not require erosion control as velocity is less than 2m/s, however erosion control is recommended at significant changes in direction.

The drain at location 4 has the required capacity to cater for the external catchment and the proposed bulkheads.



6 Culverts

6.1 Culvert A

Culvert A calculation includes:

- Culvert A is a small catchment and has been calculated as a 300 diameter RCP:
- The Capacity is 138L/s satisfying the catchment calculation:
- The maximum velocity is calculated at 0.36 l/s. Erosion control is recommended for headwall locations.

6.2 Culvert B

Culvert B calculation includes:

- Culvert B is larger catchment comprising of pervious and impervious area;
- The overall catchment area is 48,817m²;
- Impervious area 37,373m²;
- Due to levels a box culvert of 1200 x 300 nominal size is required;
- The Capacity is 730 L/s satisfying the catchment calculation;
- The maximum velocity is calculated at 1.85 l/s. Erosion control is recommended for headwall locations.

6.3 Culvert C

Culvert C calculation includes:

- Culvert C is small catchment comprising of pervious and impervious area;
- The overall catchment area is 1,500m²;
- Impervious area 600m²;
- The culvert is dimensioned as a 300mm diameter RCP:
- The Capacity is 106L/s satisfying the catchment calculation;
- The maximum velocity is calculated at 0.3m/s. Erosion control is recommended for headwall locations.

6.4 Culvert D

Culvert D calculation includes:

- Culvert D is assesses the capacity of the existing culverts and their ability to cater for the additional impervious area of the proposed bulkheads;
- The overall catchment area is 326,720m²;
- Impervious area 73000m²;
- The culverts are dimensioned as existing 600 diameter RCP with a grade of approximately 1 in 231;
- The Capacity of the 3 culverts is 1312L/s while the calculated 20 year flow is 1134L/s;
- The existing culverts do not need to be upgraded for the addition of the bulkheads.

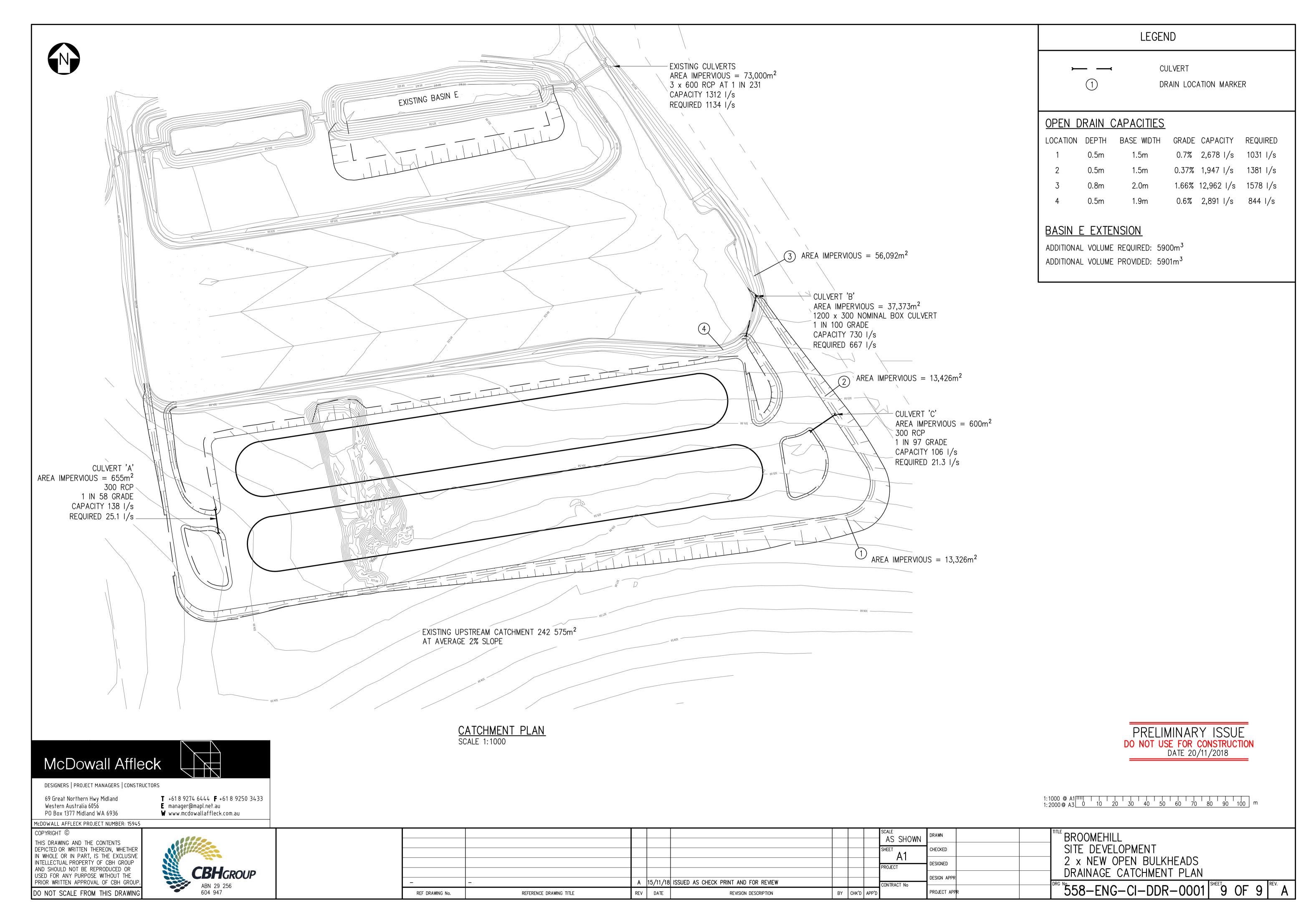
7 Conclusion

This report demonstrates that the stormwater for the bulk head expansion for the 20 year ARI storm event can be contained within the existing basin area by increasing the volume of the existing basins.

Erosion is managed at locations where the velocity of flow is expected to increase above 2m/s. and all drains have the capacity to cater for the external contributing catchment and the proposed bulkheads.



${\bf Appendix~1-Catchment~Plan}$





Appendix 2 – Drainage Calculations

Modified Copas Equation		Job No.	15945
	Modified Copas Equation	Rev	В
Project	15945 CBH BROOMEHILL CIVIL DESIGN	Date	19/11/2018
	19949 CBH BROOMEHILL CIVIL DESIGN	Calcs By	НМ

IFD Location

33.8625S 117.6625E

Catchment Area

Proposed Bulk Heads 12 & 13 Basin Expansion

The Kinematic Wave Equation has been used to calculate overland flow times (AR&R 1987 Volume 1)

PARAMETERS

Pre Development				
Total Area (m ²)	0			
Coeff of Runoff C ₁₀	0.00			
Slope (m/m)	0.000			
n*	0			
Length (m)	0			

Constant Inflow Rate (I/s) = 0Duration (min) = 0

Post Development					
Total Area (m ²)	62,219				
Area of Permeable (m)	0				
Area of Impermeable (m ²)	62,219				
Slope (m/m)	0.010				
n*	0.022				
Length (m)	780				
C ₁₀ of Impermeable	0.86				
C ₁₀ of Permeable	0.19				
Ave Coeff of Runoff C ₁₀	0.86				
Limit Post Development Outflow	No				
Limit Post Development Outflow To 1 in X	All				
Pipe Outflow Rate (I/s)					
Infiltration Rate (m/d)	0				
Area of Infiltration (m ²)	0				
Infiltration Rate (I/s)	0.0				
Total Outflow or Infiltration Rate (I/s)	0.0				

Storm Event (Yr)	Pre Development		Post Development				
	T _c (min)	Predev Flow Rate (l/s)	T _s (min)	T _c (min)	PostDev flow Rate (I/s)	PostDev Outflow Rate (I/s)	Storage Required (m ³)
1	-	-	4320	54.9	158	0	1,743.0
2	-	-	4320	51.3	179	0	1,722.0
5	-	-	4320	42.6	373	0	3,297.0
10	-	-	4320	37.9	518	0	4,433.0
20	-	-	4320	34.0	692	0	5,904.0
50	-	-	4320	29.7	1011	0	8,671.0
100	-	-	4320	27.3	1300	0	10,965.0

	Modified Copas Equation	Job No.	15945
	Modified Copas Equation	Rev	В
Project	15945 CBH BROOMEHILL CIVIL DESIGN	Date	19/11/2018
		Calcs By	НМ

Catchment Area CULVERT A

The Kinematic Wave Equation has been used to calculate overland flow times (AR&R 1987 Volume 1)

PARAMETERS

Pre Development					
Total Area (m ²)					
Coeff of Runoff C ₁₀					
Slope (m/m)					
n*					
Length (m)					

Constant Inflow Rate (I/s) = 0 Duration (min) = 0

Post Development				
Total Area (m ²)	1,545			
Area of Permeable (m)	890			
Area of Impermeable (m ²)	655			
Slope (m/m)	0.010			
n*	0.022			
Length (m)	48			
C ₁₀ of Impermeable	0.86			
C ₁₀ of Permeable	0.19			
Ave Coeff of Runoff C ₁₀	0.47			
Limit Post Development Outflow	No			
Limit Post Development Outflow To 1 in X	All			
Pipe Outflow Rate (I/s)				
Infiltration Rate (m/d)				
Area of Infiltration (m ²)				
Infiltration Rate (I/s)	0.0			
Total Outflow or Infiltration Rate (I/s)	0.0			

Storm Event (Yr)	Pre Development		Post Development				
	T _c (min)	Predev Flow Rate (I/s)	T _s (min)	T _c (min)	PostDev flow Rate (l/s)	PostDev Outflow Rate (I/s)	Storage Required (m ³)
1	-	-	4320	6.1	7.8	0	
2	-	-	4320	6.0	8.3	0	
5	-	-	4320	6.0	15.3	0	
10	-	-	4320	6.0	19.8	0	
20	-	-	4320	6.0	25.1	0	
50	-	-	4320	6.0	34.2	0	
100	-	-	4320	6.0	41.8	0	

	Modified Copas Equation	Job No.	15945
	Modified Copas Equation	Rev	В
Project	15945 CBH BROOMEHILL CIVIL DESIGN	Date	19/11/2018
		Calcs By	НМ

Catchment Area CULVERT B

The Kinematic Wave Equation has been used to calculate overland flow times (AR&R 1987 Volume 1)

PARAMETERS

Pre Development					
Total Area (m ²)					
Coeff of Runoff C ₁₀					
Slope (m/m)					
n*					
Length (m)					

Constant Inflow Rate (I/s) = 0 Duration (min) = 0

Post Development				
Total Area (m ²)	48,817			
Area of Permeable (m)	11,444			
Area of Impermeable (m ²)	37,373			
Slope (m/m)	0.010			
n*	0.022			
Length (m)	365			
C ₁₀ of Impermeable	0.86			
C ₁₀ of Permeable	0.19			
Ave Coeff of Runoff C ₁₀	0.70			
Limit Post Development Outflow	No			
Limit Post Development Outflow To 1 in X	All			
Pipe Outflow Rate (I/s)				
Infiltration Rate (m/d)				
Area of Infiltration (m ²)				
Infiltration Rate (I/s)	0.0			
Total Outflow or Infiltration Rate (I/s)	0.0			

Storm Event (Yr)	Pre Development		Post Development				
	T _c (min)	Predev Flow Rate (l/s)	T _s (min)	T _c (min)	PostDev flow Rate (I/s)	PostDev Outflow Rate (I/s)	Storage Required (m ³)
1	-	-	4320	29.5	148	0	
2	-	-	4320	27.5	166	0	
5	-	-	4320	22.6	347	0	
10	-	-	4320	20.1	481	0	
20	-	-	4320	18.3	667	0	
50	-	-	4320	16.3	1007	0	
100	-	-	4320	14.9	1310	0	

Modified Copas Equation		Job No.	15945
	Modified Copas Equation	Rev	В
Drainat	15945 CBH BROOMEHILL CIVIL DESIGN	Date	19/11/2018
Project		Calcs By	НМ

Catchment Area CULVERT C

The Kinematic Wave Equation has been used to calculate overland flow times (AR&R 1987 Volume 1)

PARAMETERS

Pre Development					
Total Area (m ²)					
Coeff of Runoff C ₁₀					
Slope (m/m)					
n*					
Length (m)					

Constant Inflow Rate (I/s) = 0 Duration (min) = 0

Post Development				
Total Area (m ²)	1,500			
Area of Permeable (m)	900			
Area of Impermeable (m ²)	600			
Slope (m/m)	0.010			
n*	0.022			
Length (m)	120			
C ₁₀ of Impermeable	0.86			
C ₁₀ of Permeable	0.19			
Ave Coeff of Runoff C ₁₀	0.46			
Limit Post Development Outflow	No			
Limit Post Development Outflow To 1 in X	All			
Pipe Outflow Rate (I/s)				
Infiltration Rate (m/d)				
Area of Infiltration (m ²)				
Infiltration Rate (I/s)	0.0			
Total Outflow or Infiltration Rate (I/s)	0.0			

	Pre Development		Post Development				
Storm Event (Yr)	T _c (min)	Predev Flow Rate (I/s)	T _s (min)	T _c (min)	PostDev flow Rate (l/s)	PostDev Outflow Rate (I/s)	Storage Required (m ³)
1	-	-	4320	12.3	5.2	0	
2	-	-	4320	11.4	5.7	0	
5	-	-	4320	9.4	11.6	0	
10	-	-	4320	8.5	16	0	
20	-	-	4320	7.7	21.3	0	
50	-	-	4320	6.9	30.6	0	
100	_	-	4320	6.4	38.4	0	

	Modified Copas Equation		15945
	Modified Copas Equation	Rev	В
Project	15945 CBH BROOMEHILL CIVIL DESIGN	Date	19/11/2018
		Calcs By	НМ

Catchment Area CULVERT D

The Kinematic Wave Equation has been used to calculate overland flow times (AR&R 1987 Volume 1)

PARAMETERS

Pre Development					
Total Area (m ²)					
Coeff of Runoff C ₁₀					
Slope (m/m)					
n*					
Length (m)					

Constant Inflow Rate (I/s) = 0 Duration (min) = 0

Post Development				
Total Area (m ²)	326,720			
Area of Permeable (m)	253,720			
Area of Impermeable (m ²)	73,000			
Slope (m/m)	0.010			
n*	0.03			
Length (m)	900			
C ₁₀ of Impermeable	0.86			
C ₁₀ of Permeable	0.19			
Ave Coeff of Runoff C ₁₀	0.34			
Limit Post Development Outflow	No			
Limit Post Development Outflow To 1 in X	All			
Pipe Outflow Rate (I/s)				
Infiltration Rate (m/d)				
Area of Infiltration (m ²)				
Infiltration Rate (I/s)	0.0			
Total Outflow or Infiltration Rate (I/s)	0.0			

	Pre Development		Post Development				
Storm Event (Yr)	T _c (min)	Predev Flow Rate (l/s)	T _s (min)	T _c (min)	PostDev flow Rate (l/s)	PostDev Outflow Rate (I/s)	Storage Required (m ³)
1	-	-	4320	79.9	264	0	
2	-	-	4320	74.5	291	0	
5	-	-	4320	60.8	574	0	
10	-	-	4320	54.7	824	0	
20	-	-	4320	49.8	1134	0	
50	- -	-	4320	44.2	1697	0	
100	-	-	4320	40.5	2198	0	

Modified Copas Equation		Job No.	15945
	Modified Copas Equation	Rev	В
Project	15945 CBH BROOMEHILL CIVIL DESIGN	Date	19/11/2018
		Calcs By	НМ

Catchment Area DRAIN 1

The Kinematic Wave Equation has been used to calculate overland flow times (AR&R 1987 Volume 1)

PARAMETERS

Pre Development					
Total Area (m ²)					
Coeff of Runoff C ₁₀					
Slope (m/m)					
n*					
Length (m)					

Constant Inflow Rate (I/s) = 0 Duration (min) = 0

Post Development				
Total Area (m ²)	255,901			
Area of Permeable (m)	242,575			
Area of Impermeable (m ²)	13,326			
Slope (m/m)	0.020			
n*	0.03			
Length (m)	430			
C ₁₀ of Impermeable	0.86			
C ₁₀ of Permeable	0.19			
Ave Coeff of Runoff C ₁₀	0.23			
Limit Post Development Outflow	No			
Limit Post Development Outflow To 1 in X	All			
Pipe Outflow Rate (I/s)				
Infiltration Rate (m/d)				
Area of Infiltration (m ²)				
Infiltration Rate (I/s)	0.0			
Total Outflow or Infiltration Rate (I/s)	0.0			

Storm Event (Yr)	Pre Development		Post Development				
	T _c (min)	Predev Flow Rate (I/s)	T _s (min)	T _c (min)	PostDev flow Rate (I/s)	PostDev Outflow Rate (l/s)	Storage Required (m ³)
1	-	-	4320	32.9	237	0	
2	•	-	4320	30.4	259	0	
5	ı	-	4320	25.1	549	0	
10	•	-	4320	22.4	767	0	
20	-	-	4320	20.1	1031	0	
50	-	-	4320	17.9	1579	0	
100	-	-	4320	16.5	2072	0	

Modified Copas Equation		Job No.	15945
	Modified Copas Equation	Rev	А
Project	15045 CDH DDOOMEHILL CIVIL DESIGN	Date	19/11/2018
Project	15945 CBH BROOMEHILL CIVIL DESIGN	Calcs By	НМ

Catchment Area DRAIN 2

The Kinematic Wave Equation has been used to calculate overland flow times (AR&R 1987 Volume 1)

PARAMETERS

Pre Development					
Total Area (m ²)					
Coeff of Runoff C ₁₀					
Slope (m/m)					
n*					
Length (m)					

Constant Inflow Rate (I/s) = 0 Duration (min) = 0

Post Development	
Total Area (m ²)	274,821
Area of Permeable (m)	242,575
Area of Impermeable (m ²)	32,246
Slope (m/m)	0.020
n*	0.03
Length (m)	430
C ₁₀ of Impermeable	0.86
C ₁₀ of Permeable	0.19
Ave Coeff of Runoff C ₁₀	0.27
Limit Post Development Outflow	No
Limit Post Development Outflow To 1 in X	All
Pipe Outflow Rate (I/s)	
Infiltration Rate (m/d)	
Area of Infiltration (m ²)	
Infiltration Rate (I/s)	0.0
Total Outflow or Infiltration Rate (I/s)	0.0

	Pre Development		Post Development				
Storm Event (Yr)	T _c (min)	Predev Flow Rate (I/s)	T _s (min)	T _c (min)	PostDev flow Rate (I/s)	PostDev Outflow Rate (I/s)	Storage Required (m ³)
1	-	-	4320	32.9	304	0	
2	-	-	4320	30.4	333	0	
5	-	-	4320	25.1	703	0	
10	-	-	4320	22.4	983	0	
20	-	-	4320	20.1	1321	0	
50	-	-	4320	17.9	2024	0	
100	-	-	4320	16.5	2655	0	

Modified Copas Equation		Job No.	15945
	Modified Copas Equation	Rev	А
Project	15045 CDH DDOOMEHILL CIVIL DESIGN	Date	19/11/2018
Project	15945 CBH BROOMEHILL CIVIL DESIGN	Calcs By	НМ

Catchment Area DRAIN 3

The Kinematic Wave Equation has been used to calculate overland flow times (AR&R 1987 Volume 1)

PARAMETERS

Pre Development					
Total Area (m ²)					
Coeff of Runoff C ₁₀					
Slope (m/m)					
n*					
Length (m)					

Constant Inflow Rate (I/s) = 0 Duration (min) = 0

Post Development				
Total Area (m ²)	298,667			
Area of Permeable (m)	242,575			
Area of Impermeable (m ²)	56,092			
Slope (m/m)	0.020			
n*	0.03			
Length (m)	500			
C ₁₀ of Impermeable	0.86			
C ₁₀ of Permeable	0.19			
Ave Coeff of Runoff C ₁₀	0.32			
Limit Post Development Outflow	No			
Limit Post Development Outflow To 1 in X	All			
Pipe Outflow Rate (I/s)				
Infiltration Rate (m/d)				
Area of Infiltration (m ²)				
Infiltration Rate (I/s)	0.0			
Total Outflow or Infiltration Rate (I/s)	0.0			

Storm Event (Yr)	Pre Development		Post Development				
	T _c (min)	Predev Flow Rate (l/s)	T _s (min)	T _c (min)	PostDev flow Rate (I/s)	PostDev Outflow Rate (I/s)	Storage Required (m ³)
1	-	-	4320	37.4	366	0	
2	-		4320	34.7	403	0	
5	-	•	4320	28.3	823	0	
10	-		4320	25.3	1164	0	
20	-	ı	4320	22.8	1578	0	
50	-	•	4320	20.0	2337	0	
100	-	-	4320	18.4	3106	0	

Modified Copas Equation		Job No.	15945
	Modified Copas Equation	Rev	А
Project	15945 CBH BROOMEHILL CIVIL DESIGN	Date	19/11/2018
		Calcs By	НМ

IFD Location

33.8625S 117.6625E

Catchment Area

EXISTING DRAIN LOCATION B

The Kinematic Wave Equation has been used to calculate overland flow times (AR&R 1987 Volume 1)

PARAMETERS

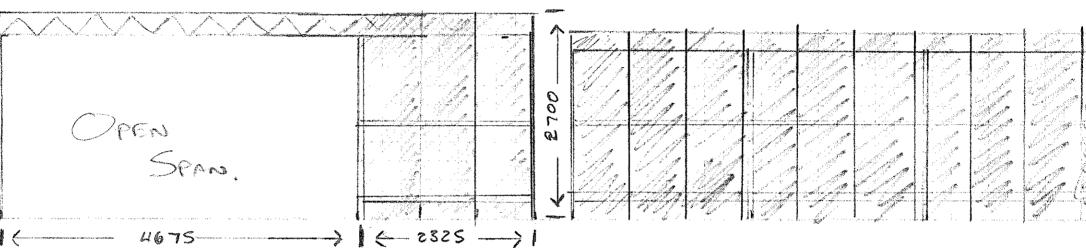
Pre Development					
Total Area (m ²)					
Coeff of Runoff C ₁₀					
Slope (m/m)					
n*					
Length (m)					

Constant Inflow Rate (I/s) = 0 Duration (min) = 0

Post Development				
Total Area (m ²)	55,708			
Area of Permeable (m)	18,335			
Area of Impermeable (m ²)	37,373			
Slope (m/m)	0.020			
n*	0.022			
Length (m)	350			
C ₁₀ of Impermeable	0.86			
C ₁₀ of Permeable	0.19			
Ave Coeff of Runoff C ₁₀	0.64			
Limit Post Development Outflow	No			
Limit Post Development Outflow To 1 in X	All			
Pipe Outflow Rate (I/s)				
Infiltration Rate (m/d)				
Area of Infiltration (m ²)				
Infiltration Rate (I/s)	0.0			
Total Outflow or Infiltration Rate (I/s)	0.0			

Storm Event (Yr)	Pre Development		Post Development				
	T _c (min)	Predev Flow Rate (I/s)	T _s (min)	T _c (min)	PostDev flow Rate (l/s)	PostDev Outflow Rate (I/s)	Storage Required (m ³)
1	-	-	4320	21.6	189	0	
2		-	4320	20.0	208	0	
5	ı	-	4320	16.7	448	0	
10	•	-	4320	15.0	628	0	
20	-	-	4320	13.6	844	0	
50	-	-	4320	12.0	1236	0	
100	-	-	4320	10.9	1579	0	

HRONT AND BACK ECEVATION



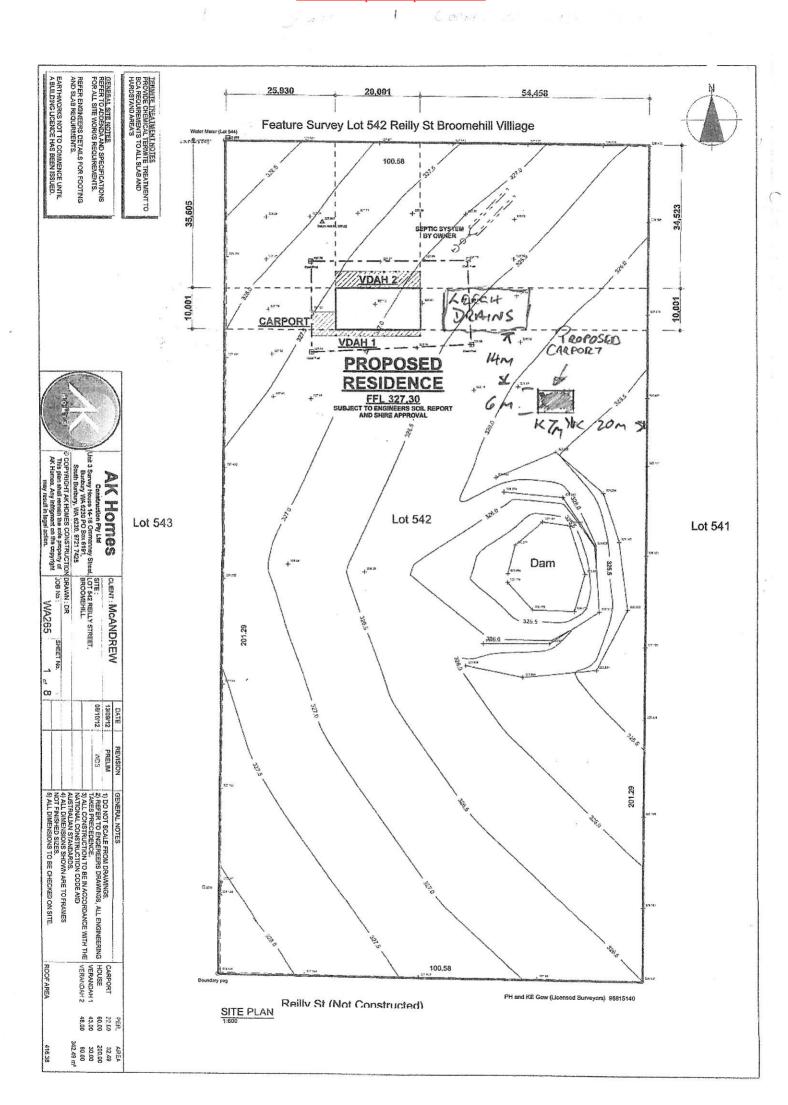
Y3 CLOSED IN USING LOOMER SOME PURLINS
FUED WITH LOMER & SOME BOLTS
SHEETED WITH GALV CUSTOM ORB SHEETS
AND FIXED WITH ZOX8 METAL TECH SCOEWS,

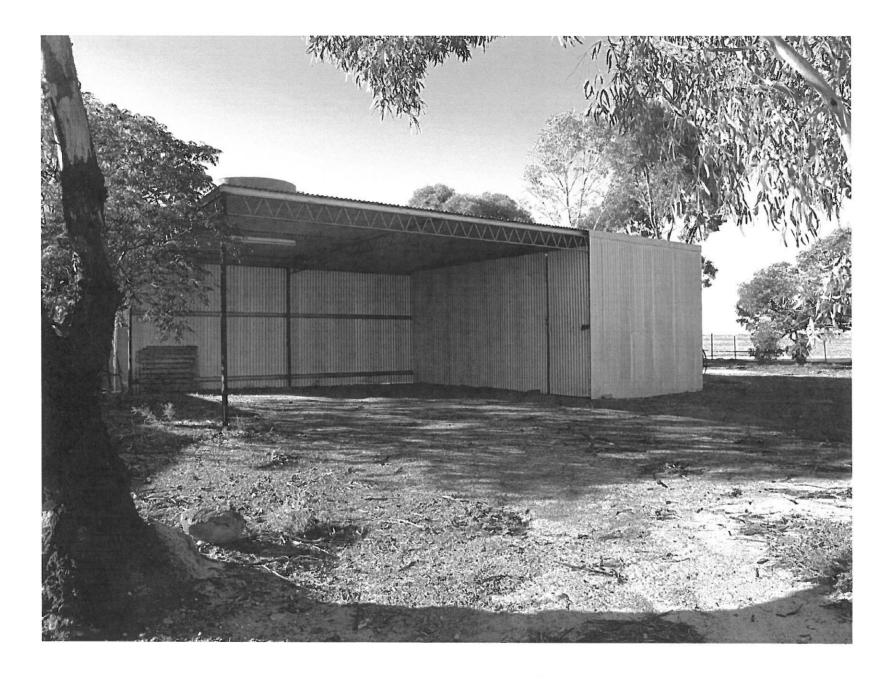
3 OPEN SPAN.

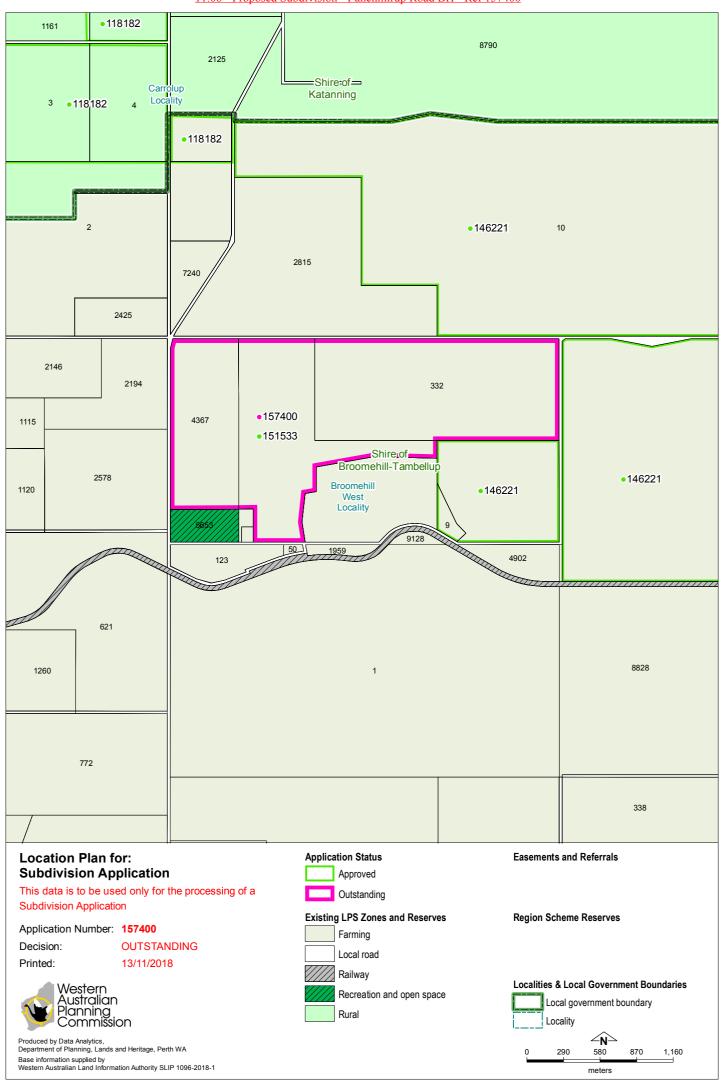
FULLY ENCLOSED BACK WALL USING MATERIALS ALREADY STATED.

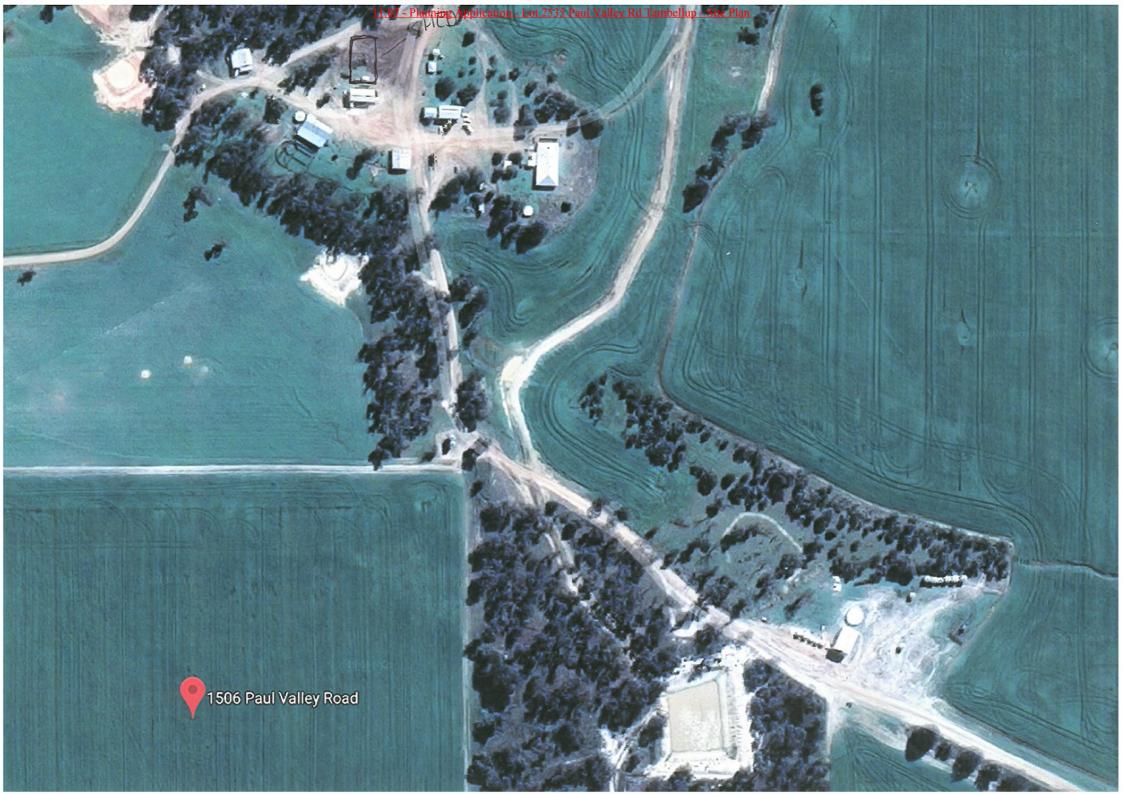
BACIC.

1:500









LIONS CANCER INSTITUTE (INC.)

ABN 26 521 960 054



PH 08 9226 5251 FAX 08 9226 5253 P O BOX 1540, WEST PERTH, WA 6005

EMAIL: LIONS@ACON.COM.AU



A project of Lions Clubs International in Western Australia.



"SPECIAL CHILDREN'S CHRISTMAS BIG DAY OUT"







Thank you for your interest in this worthy project. The Lions Cancer Institute is hosting the annual **SPECIAL CHILDREN'S CHRISTMAS BIG DAY OUT"** which is a Red Carpet event at the Local Cinema Complex or Club, for LOCAL Sick, Handicapped and Severely Disabled Children in your community.

This is an event that will benefit your community in two ways.

- ❖ Firstly, and most importantly, your support of these special children assures them an exceptional outing, guaranteed to bring joy to those in your local area who, through no fault of their own, are not always afforded the pleasures of a normal childhood.
- ❖ Secondly, and equally important funds raised from this event will be used to purchase and maintain our Free Mobile Cancer Screening Unit, the Lions Cancer Screening is a free service run by Lions Club Members & volunteers that travels around WA diagnosing people with potential Skin Cancer.

The "SPECIAL CHILDRENS CHRISTMAS BIG DAY OUT" is an event for Terminally Ill, Handicapped and Disabled Children in your local area and we are asking the local Businesses, on behalf of these special little ones, to put their support behind them. We are aiming to take over 5100 Special Needs Children and carers out for a day to remember and we would be most grateful if you could support us by sponsoring one of the following groups from your local Special Schools.

20 Children \$2000 15 Children \$1500 10 Children \$1000

Supporters of 100 Children or more will entitle the company to display their banners and signs during the Event. Of course, we realize that it may not be within your means to assist with a group of this size, and we definitely need your help, so any support will be most greatly appreciated. Your help **WILL** make a difference. This is your chance to give a little for the kiddies within your local area. Naturally, the Children will greatly appreciate any support

On behalf of the Lions Cancer Institute and the children, we thank you.

Kind Regards Jennifer Jones

These Special Little Children suffer with Autism, Cerebral Palsy, Leukemia, Downs Syndrome, Cystic Fibrosis, Spinal Bifida, and other serious illnesses please help so they can have a great fun day out

For your convenience we accept of	credit card. We will send a tax receipt
	= Sign:
VISA Mastercard Expiry Date:/	Amount \$ CCV:
Company Name:	Phone:
Authorised by:	
Postal Address:	
Email Address:	



Strategic Community Plan 2018-2028



'THE ROAD AHEAD WILL REFLECT THE SPIRIT THAT DRIVES THE COMMUNITY WHO TRAVEL TOGETHER TOWARD A SHARED FUTURE'

PRESIDENT'S MESSAGE

Background

This Strategic Community Plan is the outcome of comprehensive conversations and interactions with the community and businesses of our Shire. This process has captured the Community's current aspirations and needs while creating a vision for the future of Broomehill—Tambellup, that will help us to work together to protect what is good about the region now while enhancing positive development and growth into the future.



Community messages

Key words we heard from the community were:

friendly - community - peaceful - rural lifestyle - opportunities - roadhouse businesses - employment - tourism -sport - natural environment and accommodation

A clear message was received that the community want to be involved in development and decision making, while fostering cross generation interaction and connections. Maintaining the peaceful, rural and friendly lifestyle was mandatory, but they want population growth and business development to ensure the towns remain sustainable and viable.

Planning the way ahead

The Shire is committed to a planned and consultative approach to community development, and service retention and growth that will be underpinned by cost effective strategies. This will ensure we are mindful of controlling rate rises and striving for the best value for our ratepayers while working towards their vision and objectives.

Cr Scott Thompson
President, Shire of Broomehill-Tambellup



OUR PLANNING FRAMEWORK

Strategic Community Plan Long Term Financial Plan Asset Management Plans Workforce Plan Issue or Area Specific Plans Annual Report Annual Report Quarterly Reports

Background

Legislative requirements of the WA Local Government Act for planning for the future will ensure the community sets a vision for the future that underpins programs, projects and services. It ensures the community can communicate their aspirations and needs in a formal manner and allows for integration across all facets of service and resource management planning. This process demonstrates sound governance and stewardship, and provides transparency for the community

The Plan outlines how the Shire will, over the long term, work towards the future that the Community Vision outlines, which is inspired by the community's aspirations for the future. Looking to the future, the Strategic Community Plan will influence how the Shire uses its resources to deliver services to the community. The Plan forms the primary driver for all other planning undertaken by the Shire. The Strategic Community Plan is a key document that underpins planning and decision making in several ways, including:

- Giving guidance to Council when setting priorities, making decisions and integrating local planning initiatives
- Informing the decision making of other agencies and organisations, including community and Government agencies when planning for regional or local activities
- Provide a platform to pursue grants and other resources by demonstrating how specific projects align with aspirations of our community, and the strategic direction of the Shire;
- Inform potential investors and developers of our key priorities, and how we want to grow and develop;
- Engage local businesses, community groups and residents to want to contribute to shaping the future

The strategies will be prioritised, and actions applied (after a further assessment of available resources) using the following priority timeframes as a guide:

Short Term	1 to 4 years	Corporate Plan 2018 - 2021
Medium Term 5 to 8 years		Corporate Plan 2022 - 2026
Long Term	8 to 12 years	Corporate Plan 2026 - 2030

- Short term priorities will be resourced and implemented through the Corporate Business Plan.
- Strategic performance indicators will be used to report back to the community on the Shire's performance in achieving the outcomes.

OUR PLACE AND OUR PEOPLE

The Shire of Broomehill Tambellup is a progressive rural community located in the Great Southern region of WA and is a predominantly wheat and grain growing area with an interest in aquaculture, viticulture, horticulture and tourism. The Shire has two towns, Broomehill Village and Tambellup, both of which offer the advantages of a rural lifestyle with the convenience of most essential services, including recreational and leisure options, plus government, health and education services.

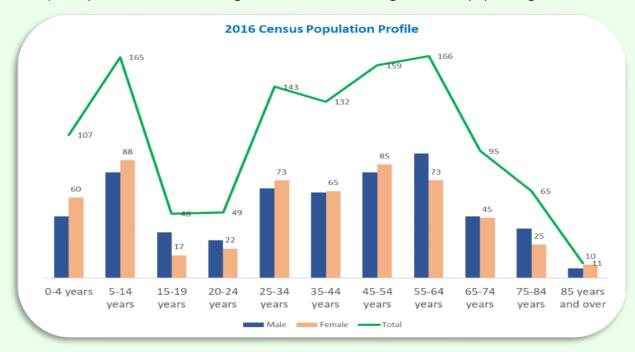


The Shire of Broomehill – Tambellup covers the former individual

Shires of Broomehill and Tambellup, which merged in July 2008. The main Shire office is in Tambellup, and staff also offer services such as processing of driver and vehicle licenses, animal registrations and payments of Shire accounts at the Broomehill office. The Broomehill Library is located at the Broomehill Shire office while the Tambellup community can access their library services at the Tambellup Community Resource Centre. The district has experienced changes in work/life balance as farming continues to employ more technology, and in due course, less local labour.

In addition, there has been a change in community involvement as farmers have to meet the demands of rural production and strike a balance between work, community and family life. This can have a negative effect on availability for volunteering in areas such as ambulance, fire, sporting and community activities that are heavily reliant on local support.

As new residents move to our towns seeking the rural lifestyle, the challenge will be to engage them in the culture of participation and volunteering which assists in building community spirit in general.



Tourism is a relatively small but important link in the economic prosperity of the district, and tourism activities present some opportunity to advance our local economy.

The Shire covers around 2,813 square kilometres in the Great Southern Region of WA. The Shire includes 272 km of sealed roads and 754km of unsealed roads. We have a stable population, numbering 1144 people at the 2016 census, an increase of 5 people from the 2011 census.

FROM COMMUNITY ENGAGEMENT TO 'THE PLAN'



Consultation Plan devised and consultation resources developed

Promote

 Engagement opportunities advertised through website, mailouts and posters in public places

Consult

 Community Workshops and meetings held to share infoirmation and receive feedback on issues, needs, opportunities or aspirations

Review

 Feedback collated from over 10% of the population and vision for the future and key themes identified

Compile

 Draft Strategic Plan developed in consultation with Council and submitted to Community for review and comment

Approve

Final Plan approved at Council Meeting and Published

Engagement Survey Response Rates

Surveys and Postcards - 70 responses

40% Males 60% Females

95% Permanent Residents

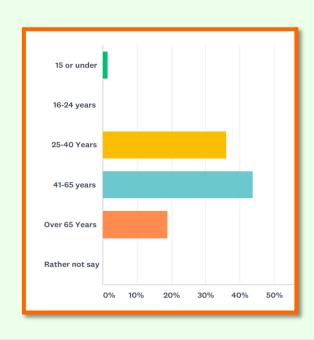
Workshop Attendances

Broomehill Community 13

Tambellup Community 19

Indigenous Community 25

Total 127 - Represents 11% of the Population



STRATEGIC COMMUNITY PLAN

Vision

Building prosperity and community spirit through individual commitment, partnerships and collaboration to enhance our way of life

Overarching Goal

To have a peaceful and friendly rural lifestyle with thriving towns

Key themes of 2018 Community Engagement

- Maintain safe and harmonious environment
- Seek opportunities for increased integration across generations and population groups.
- Investigate local employment opportunities to retain and increase population
- Increase youth engagement and provision of activities for young people
- Retain current services and facilities and add others where possible
- Maintenance and improvement of the built and natural environment
- Maintaining and enhancing community inclusion in the towns
- Supporting the community to increase activities and enhancements to their towns while recognising and valuing their individual history and cultures.
- Increasing opportunities to attract tourists, visitors and new residents to retain and increase businesses

It was a key feature in the engagement process that there were very few issues raised relating to the way the Shire governs or provides services or functions to the Community.

The following issues or comments were noted:

- 'Accountability at all levels of governance and taking a holistic attitude to issues arising'
- 'Seeing more of the Councillors'
- 'More community input'
- 'Road upkeep and heavy trucks on the road causing damage'

- 'Levels of rate rises'
- 'Tip opening time to match Deli opening hours on Sundays'
- 'No amalgamation with bigger Shires'
- 'Keep the Town nice, clean and good toilets'

These points have been captured in the Key Results Areas (KRA) that follow, to guide decision making and planning for the next four years. Each KRA outlines what Council will focus on in planning or decision making that contributes to fulfilling the Community's Vision.

Where the Shire cannot address an issue or desire for services, they will work with others or advocate on behalf of the Community. Comments, suggestions and feedback from the engagement process will be kept on record in a 'book of knowledge' that will be referred to if increased funding or changing environments allow for opportunities to progress some of them.

Key Results Areas

With deference to the definition of the word Pep, we want to engage with the lively spirits in our community and work together in an animated manner to revitalize our towns, while maintaining our peaceful and friendly rural lifestyle. We can make our towns visitor destinations and attract more population because we know it takes people to energize our unique places.



In the following pages, the Shire's commitments are presented in a summarised register. The exploration of each theme follows PEP.

DESIRED OUTCOMES AND STRATEGIES

A vibrant, safe and harmonious community is the result of the spirit and culture generated by working together for a common purpose or goal. Engagement, inclusion and local jobs have been identified by the community as important factors in maintaining population and enhancing services and facilities in both towns. A collaborative approach by Council and the Community is the desired approach to achieving objectives.

KRA One – Our People

Desired Outcome

To have a cohesive, diverse and inclusive community supported by quality services and facilities. These will be supported by a Council demonstrating effective leadership and good governance.

Role of Council Facilitate, Advocate, Actively Pursue Opportunistic

F/A/AP

OOO 29953

Objectives

1.1 Our community is safe, connected, ha	armonious and inclusive
--	-------------------------

- 1.1.1 Promote inclusive community participation and engagement in Council and community events and activities
- 1.1.2 Encourage and support opportunities for development and participation of our youth
- 1.1.3 Promote and support activities that enhance the community's sense of safety and wellbeing

1.2 Our community has services and facilities that meet our needs and expectations

- 1.2.1 Support agencies to enhance locally delivered services and activities for all members of the community
- 1.2.2 Provide and promote accessible services and facilities for youth
- 1.2.3 Advocate for quality internet and mobile infrastructure to enable access by all residents

1.3 Our community provides opportunities to enhance local employment

- 1.3.1 Investigate work experience, traineeship and apprenticeship opportunities within the Shire
- 1.3.2 Advocate for Work-ready and skills development programs to be delivered in the community for youth and the unemployed

F/A/AP

Community satisfaction

- Crime Statistics (stable/decrease)
- % of community participating in council engagement process (increase)

Outcome Measures will include:

- Statutory financial ratios (maintain healthy ratios)
- Unqualified Audit

KRA Two – Our Economy

Desired Outcome

To maintain an environment in the towns and rural areas of the Shire that is conducive to tourism, business and population retention and growth.

Role of Council
Facilitate,
Advocate,
Actively Pursue
Opportunistic

Objectives

2.1 Our community provides a unique tourism and visitor experience

F/AP

- 2.1.1 Build and promote the brands of our towns
- 2.1.2 Support the development of initiatives, events or local experiences aimed at attracting visitors to our community
- 2.1.3 Develop and support options for short stay visitor accommodation
- 2.1.4 Promote and support local and regional tourism initiatives

2.2 A stable population base is important to the sustainability of our community

F/A/AP/O

- 2.2.1 Develop and support options for diversity in housing across all generations
- 2.2.2 Market and promote the Shire as a destination for a visit or for relocation for an enhanced lifestyle
- 2.2.3 Explore opportunities to release or sell land for residential development
- 2.2.4 Support and promote local educational options and health services

2.3 Our Shire actively supports existing local businesses and encourages new business initiatives

F/A/AP

- 2.3.1 Encourage and facilitate appropriate development in the Shire
- 2.3.2 Develop and implement policies and initiatives to support local businesses
- 2.3.3 Advocate for improved telecommunications infrastructure in the region for industry and the community



Outcome measures will include:

- Community satisfaction
- Visitor statistics caravan parks (increase)
- Census data population, demographics (stable/increasing)
- # and value of development and building applications (increase)
- Employee retention rates (maintain/increase)
- Shire local spend (increase)

KRA Three - Our Places

Desired Outcome

To have appealing town centres and surrounding rural areas that reflect their unique history and culture, connected by quality transport infrastructure and well managed natural environments

Role of Council Facilitate, Advocate, Actively Pursue Opportunistic

Objectives

needs

life and performance

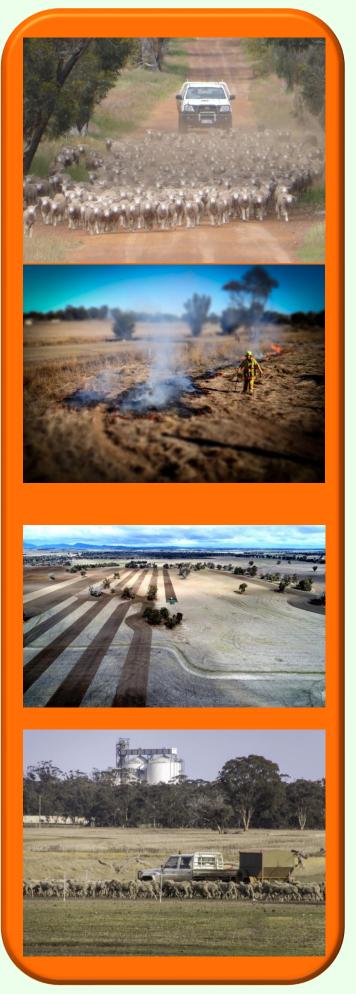
3.1 The history, heritage and culture of our communities is reflected in attractive townscapes
3.1.1 Investigate and implement options for cultural interpretation
3.1.2 Develop, maintain and enhance town streetscapes and public areas
3.2 Our community and Council are environmentally aware and engaged
AP
3.2.1 Provide effective management of waste in the Shire
3.2.2 Investigate and support innovative solutions for sustainable energy and water use
3.3.3 Provide effective environmental management of Council's land and reserves
3.3 Our transport networks are safe and efficient
AP
3.3.1 Maintain a program of ongoing improvements to our transport networks
3.4 Our Council facilities and infrastructure are managed sustainably to meet current and future
AP

3.4.1 Implement a program of maintenance, servicing and renewal of Council assets to maximise



Outcome measures will include:

- Community satisfaction
- Statutory asset management ratios (maintain healthy ratios)
- % of waste diverted from landfill (increase)



Measuring and Communicating Outcomes

The Shire of Broomehill - Tambellup will undertake a formal internal assessment of its progress towards achieving the commitments annually and will report outcomes in the Annual Report.

The community will be informed of the interim results in the required desktop review and update of this Plan in 2020. At the end of the four-year cycle activated by the Corporate Business Plan in 2022 the community will be re-engaged and invited comment on the Shire's progress. During these assessments, the existing commitments may be altered and new commitments added to align with changing community aspirations.

In many instances, the achievement of the community's aspirations will require the involvement of others including individuals, businesses, and community organisations, State Commonwealth, and other Local Governments.

The measurable activity to be undertaken by the Shire of Broomehill - Tambellup is highlighted in each commitment. For example, where the commitment is to facilitate or actively pursue, the measurable outcome is the process used by the Shire to address a community aspiration and the progress to date at the time of reporting.



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DRAFT	STRATEGIC COMMUN	ITY PLAN 2018-2028 – COMMUNITY FEEDBACK
· ·		Comments munity supported by quality services and facilities. These will be supported by a Council
demonstrating effective leadership and good of 1.1 Our community is safe, connected, harmonious and inclusive	F/A/AP	No comments received
1.2 Our community has services and facilities that meet our needs and expectations	F/A/AP	1. Community has services and facilities to meet needs – but within reason ie don't send us all broke in the mean time with increasing rates to pay for it. Our rates bill is one of our largest bills for our business and I don't expect to see it continue to rise at the pace it has been; it is out of whack with all our other bills and their inflation over time.
1.3 Our community provides opportunities to enhance local employment	F/A	1. Enhancing local employment at the top end as well as at the bottom end. Idea of attracting educated and socially functional people to town with maybe 'tree change' types who might be good for the towns with taking on existing businesses up for sale. The shire role could be in helping make that an easy process for them – discount rates in the first year of business or something (ie the Greenhills pub in the shire of York has become an amazing attraction as it was bought by a couple of tree changers who wanted to move to the country and start something groovy.) This could be happening for the Tambellup pub, the Broomehill roadhouse, the Broomehill post office etc. If the shire could do minimal red tape to a potential business owner that brought a new couple or family to town how great would that be.
KRA Two – Our Economy: To maintain an envand growth.	rironment in the towns a	and rural areas of the Shire that is conducive to tourism, business and population retention
2.1 Our community provides a unique tourism and visitor experience	F/AP	No comments received
2.2 A stable population base is important to the sustainability of our community	F/A/AP/O	No comments received
2.3 Our Shire actively supports existing local businesses and encourages new business initiatives	F/A/AP	As per point 1 – Objective 1.3 above

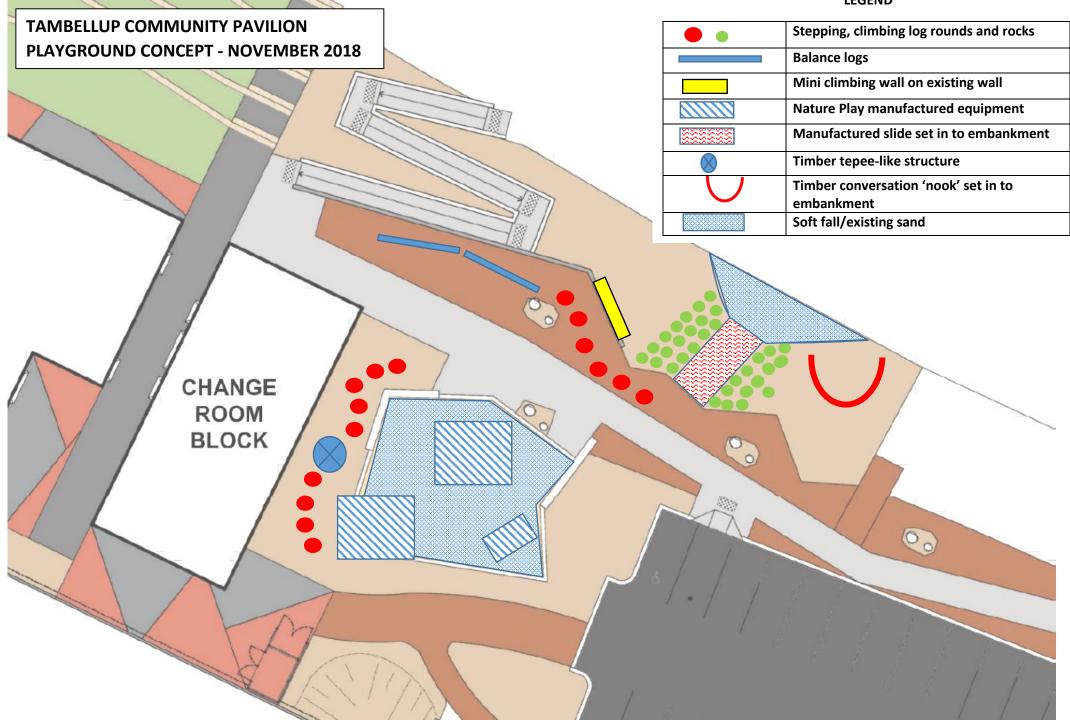
3.1 The history, heritage and culture of our	F/AP/O	No comments received
communities is reflected in attractive	.,,,0	The comments received
townscapes		
3.2 Our community and Council are environmentally aware and engaged	AP	No comments received
3.3 Our transport networks are safe and efficient	АР	1. Transport networks: the school bus network would benefit from a bit of support here — Broomehill school in particular could get more students if the bus could collect BH-TA shire kids (BH section) instead of having buses going on BH roads and taking them to Katanning instead. West of Broomehill there are several families who would probably send their children to school in BH if the bus took them there? Battling the school bus system as an individual is completely soul destroying.
3.4 Our Council facilities and infrastructure are managed sustainably to meet current and future needs	АР	1. Sell off assets for road work and use contractors (ie graders etc) better bang for buck, better job? Those employees could work for contractors instead as they would then have more work? Problem with machinery – the contractor's problem, not the shires.

General comments:

'The Draft looks great. We see the implementation of this strategy would benefit all in Broomehill Tambellup community'

'It is hard to believe that only 11% of the two shires attended these workshops. The shire council will have to think of something that will draw people out of their houses to attend a meeting. Well I am happy with what you have sent and I will pass this onto David's email so he can view it as well.'

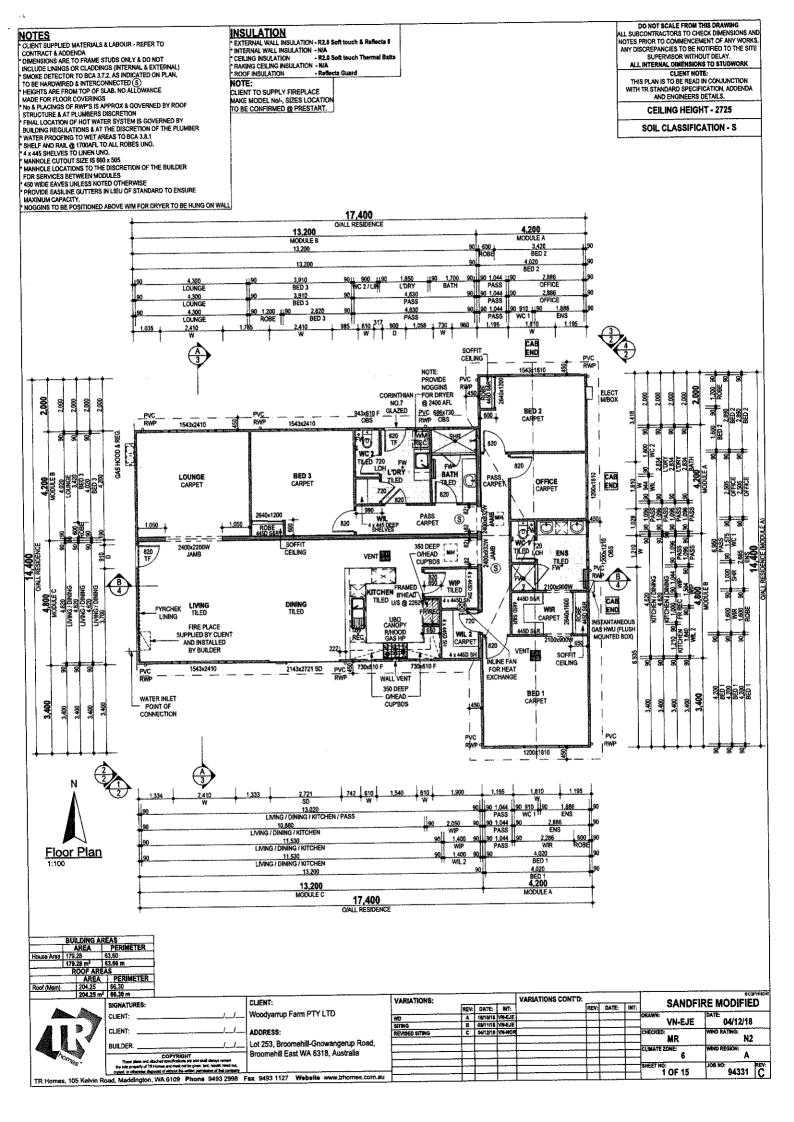
LEGEND



Maintenance Report November 2018

Reg No.	Description	Current Kms/Hr	Next Service	Year of Manufacture	Year of Purchase	Changeover	Comments
0TA	Ford Ranger Ute			2018	2018	1 yr / 15,000km	Fitted accessories
1TA	Ford Ranger Ute			2018	2018	1 yr / 30,000 kms	
BH00	Ford Ranger D-Cab	14,874	15,000	2018	2018	1 yr / 30,000 kms	
BH000	Ford Everest Trend		15000	2018	2018	1yr / 25,000 km	
BH001	CAT vibe Roller	788	1,000	2016	2017	8 yrs / 8000 hrs	
BH002	ISUZU Flatbed Truck	21,886	35,000	2016	2016	7 yrs / 250,000km	
BH003	Ford Ranger D-Cab	12,751	15,000	2017	2018	1 yr / 30,000 km	
BH004	CAT 12M Grader	422	500	2017	2018	8 yrs / 8,000 hrs	Checked auto lube
BH005	Cat multi tyre Roller	5	250	2018	2018	8 yrs / 8000 hrs	New unit, fitted additional warning beacon
BH006	CAT 12M	6,373	6,500	2012	2012	8 yrs / 8,000 hrs	Replaced injector set, replaced head cover gasket, replaced bypass hose
BH007	Toro mower	600	600	2016	2016	5 yrs / 5,000 hrs	Fixed cutting deck , replaced spindle assembly & replaced tyre
BH009	Izusu 150 truck	11,873	20,000	2017	2017	1 yr / 30,000 km	
BH012	Isuzu Fire Truck						
BH013	Cat 444F Backhoe	2,345	2,500	2013	2013	10 yrs / 8,000 hrs	Fixed hydraulic leak
BH014	Ford Ranger Space Cab	16,123	15,000	2018	2018	1 yr / 30,000 km	
внт0	Kenworth Truck	52,545	50,000	2016	2017	5 yrs / 250,000 km	Make spare wheel mounting
ВНТ84	Toro Groundmaster 3500D mower	865	900	2013	2013		
ВНТ92	CAT Skid Steer 299D2XHP	521	1,000	2017	2017	8 yrs / 8,000hrs	Serviced @ 512 hrs, refitted rubber track
BHT125	Mack Curser 8 Wheel Tipper	138,207	140,000	2013	2013	5 yrs / 250,000 km	Replaced tail light assembly RH, fixed service brake connection, removed hydraulic stop valve
BHT1624	Fuel trailer			2015	2016		
BHT1633	Tandem Axle Dolly	23956		2015	2015		
TA001	Ford Ranger Ute	13,653	15,000	2018	2018	1 yr / 30,000 kms	
TA005	Ford Escape Trend	10,030	15,000	2018	2018	1 yr / 30,000 kms	
TA017	Isuzu Tipper	115,243	125,000	2014	2014	5 yrs / 200,000 km	Checked engine fault
TA052	Ford Ranger S-Cab	9,683	15,000	2017	2017	1 yr 30,000 km	
TA06	Jet Patcher Isuzu	152,718	170,000	2007	2010	8 yrs / 8,000 hrs	Checked aircon
TA18	12M Grader	2,282	2,500	2016	2016	7 yrs / 8,000 hrs	Fitted heater valve, calibrate fan, cleaned radiator fins
TA281	930K Loader	3,601	4,000	2014	2014	8 yrs / 8,000 hrs	Serviced @ 3,524 hrs, fix bent step
TA386	Isuzu Tipper	70,072	85,000	2012	2012	5 yrs / 200,000 km	Serviced @ 70, 123 km
TA2251	3 axle Float Trailer				2009		
TA417	John Deere Gator		800	2009	2009		
1 TIU 961	Papas Tandem Fuel Trailer			2008			
1TMR361	Rockwheeler Side Tipper Trailer	58,454		2012	2012		
1TMR367	Tandem Axle Dolly						

Reg No.	Description	Current Kms/Hr	Next Service	Year of Manufacture	Year of Purchase	Changeover	Comments
BKTBR	Skid steer Bucket Broom			2013			
1TLT850	Loadstar 8x5 Trailer			2011			
BH2085	Trailer for Pump at Town dam						
BH2098	Boxtop Trailer						
BH2134	Trailer for Mobile Standpipe						
TA2129	Fuel Tanker						
BHT 1626	Papas Tandem Fuel Trailer						
1TCY093	Papas Tandem Trailer						
1TIU961	8 x 5 Papas Fuel Trailer						Fixed compressor mount, fitted retractable air hose
1TFH594	Loadstar Boxtop Trailer						
1TFC580	Gardeners Boxtop trailer						
1TFD241	Boxtop Trailer for firefighting						
1TJX516	Plant Trailer for Mowers						Replaced tyre LH
BHT1624	Fuel Trailer				2016		
1TOI298	Sign Trailer				2015		Replaced tail light assembly RH
Fogger	Fogger						
TSAW	Tree Saw						
STAB	Stabiliser attachment				2014		
CATBR 30	Caterpillar Broom						
	Cement Mixer						
	Tree Grab						
	Wacker Packer						
	Tambellup Fogger						
	Broomehill Fogger						
	Pressure Washer						
	Polesaw						
	Honda Pump						
	Chainsaw						
	Stihl concrete saw						
	Skid Steer Roller						
	Borer						
1TOI 298	Sign Trailer			2015			
BHT1636	Side Tip Trailer			2016	2016		
TORO 590	BH Golf Club Mower	4247		2016	2017		
	BH Honda Push Mower			2017	2017		
PFL	Fork Lift						

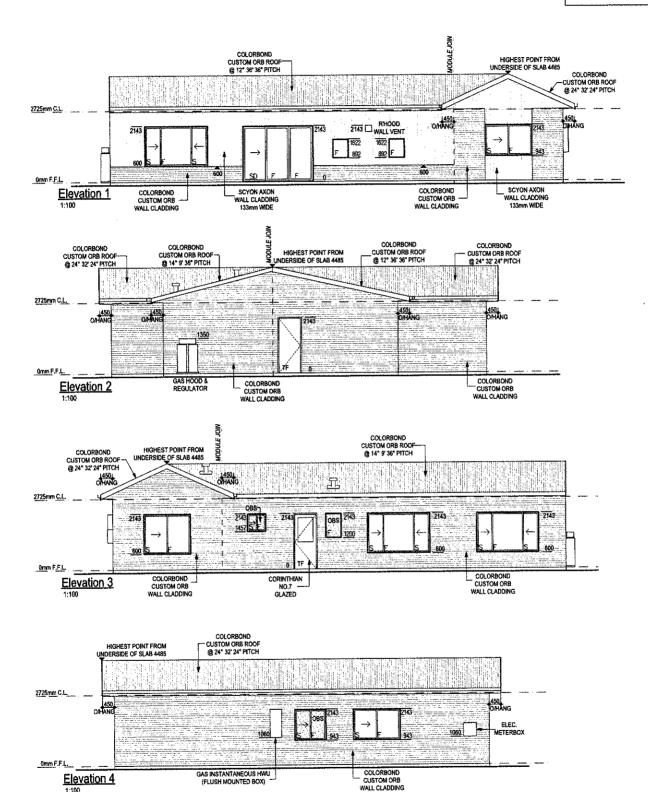


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SOIL CLASSIFICATION - S



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