



**AGENDA FOR ORDINARY MEETING  
TO BE HELD IN COUNCIL CHAMBERS, BUNDABERG  
ON TUESDAY 22 MAY 2018, COMMENCING AT 10.00 AM**

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**Item****22 May 2018****Item Number:**

E1

**File Number:**

A3613239

**Part:**

FINANCE

**Portfolio:**

Organisational Services

**Subject:**

Fees and Charges Register 2018/2019

**Report Author:**

Rob Callander, Revenue Manager

**Authorised by:**

Amanda Pafumi, General Manager Organisational Services

**Link to Corporate Plan:**

Our People, Our Business - 3.1 A sustainable financial position.

**Background:**

Fees and Charges are determined by Council in accordance with Sections 97 and 262 of the *Local Government Act 2009*.

Council's 2018/2019 Fees and Charges Register has been revised and is attached for consideration. The fees and charges have generally been increased by approximately 2.5%, which is less than last year's 3% increase. Some fees and charges have been rounded up to the nearest dollar to promote administrative efficiency and ease of application and use. Council's Register of Fees and Charges comprises:

- A 'Cost-Recovery' Section, which contains fees for services of a regulatory nature which generally only Council can provide. Cost-recovery fees must be fixed by a resolution of Council and for seizing property or animals; or the performance of another responsibility imposed on Council under the Building or Plumbing and Drainage Acts identify the person liable to pay the cost-recovery fee and the time within which the fee must be paid. These details are set out in the register.
- A 'Commercial' Section, which comprises services which the community is not obliged to obtain from Council.

Both sets of Fees and Charges are divided into departments and sections, and are numbered accordingly, to facilitate administrative efficiency and ease of use.

Section 97(4) of the Local Government Act 2009 provides that Council cannot charge more for a Cost Recovery Service than the cost of the service, and therefore the 2.5% increase in fees reflects the increased cost to Council.

A summary of fees and charges which have not been increased by 2.5% is provided as follows:

**No increase or reduced fees include:**

- Swimming pool admission fees.
- Airport car parking.
- Bundaberg Recreational Precinct – Equestrian and cattle event hire fees.
- Hinkler Hall of Aviation admission prices remain unchanged to encourage visitation.
- The application fee to use roads for grazing stock has been reduced by 59.5% to assist cattle producers recover from poor seasons. The application fee for gates and grids has similarly been reduced.
- Home and Community Care, neighbourhood centres, disability services and client transport, as Council recognises these services are provided to disadvantaged members of the community.
- Cemetery fees related to children and veterans.
- The disposal of clean green waste remains unchanged to encourage disposal outside of landfill to reduce emissions.
- Some laboratory fees have had no increase to ensure Council remains competitive in a contested market.

**New fees added:**

- Multiplex Facility fees have been provided in line with the new leasing agreement.
- New fees for laboratory testing services.
- 3D Printing Fees – Libraries.

**Discontinued fees to be removed from 1 July 2018:**

- Regulated Parking fees, as these are determined in Schedule 3 of Subordinate Local Law 3, and recorded/maintained in the Authority Infringement Module.

**Increased fees include:**

- Holiday Park fees were reviewed and became effective from 1 February 2018.
- Competitive Building Fees have been increased to maintain competitive neutrality and not actively compete with private certification services.
- Some waste disposal fees have been increased to cover costs.

**Associated Person/Organization:**

Not applicable

**Consultation:**

Councillors, Chief Executive Officer, General Managers and Managers.

**Chief Legal Officer's Comments:**

Under section 97 of the Local Government Act 2009, Council may, pursuant to a resolution, fix a cost recovery fee. Cost recovery fees must be in accordance with the Act. Section 262 provides Council with the power to charge for a service or a facility, other than a service or facility for which a cost-recover fee may be fixed.

**Policy Implications:**

Consistent with Council's Revenue Policy (GP-3-001).



**Financial and Resource Implications:**

A framework for Council's Fees and Charges Register.

**Risk Management Implications:**

There appears to be no risk management implications.

**Communications Strategy:**

Communications Team consulted.

Yes

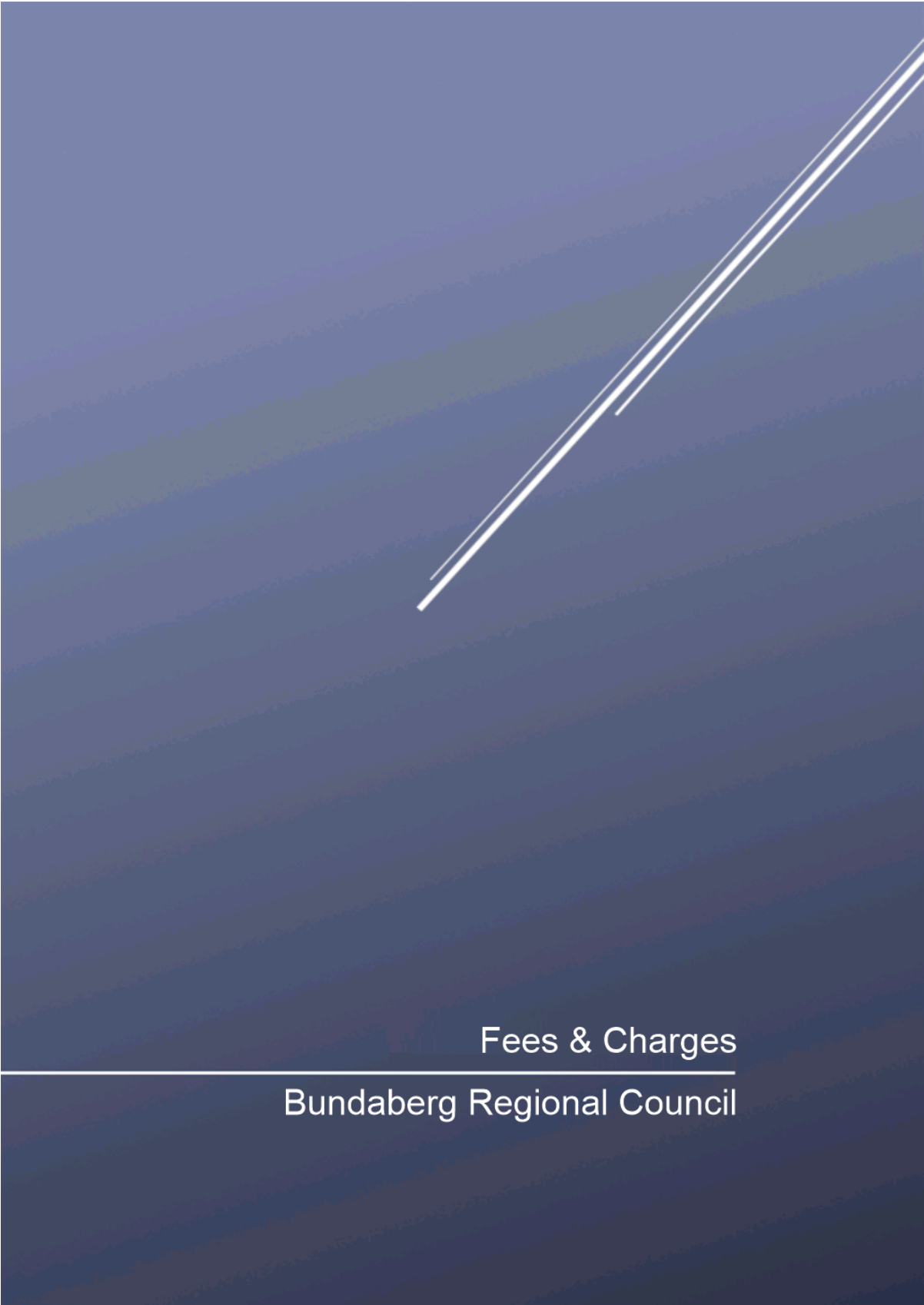
No

**Attachments:**

[↓](#) 1 2018-19 Fees and Charges Register

**Recommendation:**

**To adopt the Cost-recovery fees as detailed in the 2018/2019 Fees and Charges register, to take effect from 1 July 2018.**



Fees & Charges

Bundaberg Regional Council

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Name	Year 17/18 Fee (incl. GST)	Year 18/19 Fee (incl. GST)	Unit
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## BUNDABERG REGIONAL COUNCIL COST RECOVERY FEES & CHARGES

### COST RECOVERY ADMINISTRATION

#### RATE SEARCHES

Counter/Phone Enquire or Receipting Print Out For Tax Purposes (Customer who are not the current owner of the property 'Subject to availability')	\$21.00	\$22.00	each
Counter/Phone Enquiry or Receipting Printout for Tax Purposes. (customers who are not the current owner of the property, subject to availability)			
Counter/Phone Enquiry or Receipting Printout for Tax Purposes. (customers who are not the current owner of the property, subject to availability)			
Previous Years Rates Enquiry – (statement of account or rates notice copies – non owner). Subject to availability of the information.	\$21.00	\$49.00	each
Previous Years Rates Enquiry – (statement of account or rates notice copies – non owner). Subject to availability of the information.			
Special water meter reading	\$100.00	\$103.00	each
Full written rate search	\$201.00	\$207.00	each

#### COUNCIL DOCUMENTS & PUBLICATIONS

Documents and publications listed are freely available on Council's website: [www.bundaberg.qld.gov.au](http://www.bundaberg.qld.gov.au)

#### RIGHT TO INFORMATION (RTI) & INFORMATION PRIVACY (IP) APPLICATIONS

Fees and charges for applications under the Right to Information Privacy Act 2009 and the Information Privacy Act 2009 are set out in the Right to Information Regulation 2009 and the Information Privacy Regulation 2009.

There is no application fee for an application under the Information Privacy Act, but there may be access charges.

RTI Application Fee	\$48.00	\$48.00	each
Processing charges for a RTI Application if Council spends more than 5 hours processing the application	\$7.45	\$7.45	per 15 minutes of part thereof
Access charge RTI Application – A4 size black and white photocopy	\$0.25	\$0.25	per page
Access charge IP Application – A4 size black and white photocopy	\$0.25	\$0.25	per page

#### BURNETT NON-STANDARD MAPS

##### DESIGN DOCUMENTS

Electronic copy of "As Constructed" Design Information and/or Civil Engineering Drawings (Original extract, not GIS)	\$26.00	\$27.00	per copy
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#### ANIMAL REGISTRATION

All fees listed in this section are for a 12 month financial year or renewal period.

New applications are charged on a pro-rata basis, calculated monthly.

Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
<b>DOG REGISTRATION</b>			
Desexed AND Microchipped	\$28.00	\$28.00	per dog
Desexed	\$39.00	\$40.00	per dog
Microchipped	\$77.00	\$79.00	per dog
Entire	\$108.00	\$111.00	per dog
Entire puppies under 12 months of age (Applies to first registration period only)	\$37.00	\$38.00	per dog
Entire (Pensioner owner)	\$51.00	\$51.00	per dog
Third dog (approval required)	\$82.00	\$85.00	per dog
Declared Restricted Breed	\$399.00	\$409.00	per dog
Declared Dangerous	\$399.00	\$409.00	per dog
Declared Menacing	\$266.00	\$273.00	per dog
Certified Guide Dog (upon presentation of Certification)		No charge	per dog
Certified Hearing Dog (upon presentation of Certification)		No charge	per dog
Greyhounds (registered with the Greyhound Racing Authority)	\$56.00	\$58.00	per dog
Replacement Animal Tag		No charge	each
<b>APPLICATION FEES</b>			
Excess Animals (to keep more than permitted number of animals)	\$206.00	\$212.00	per application
Third dog (includes registration for first registration period if approved)	\$217.00	\$223.00	per application
Restricted Breed Dog	\$206.00	\$212.00	per dog
<b>IMPOUNDING</b>			
<b>RELEASE FEES</b>			
Local Law No. 2 (Animal Management) Section 29. An owner or responsible person can reclaim an impounded animal within the prescribed period within 5 days for registered animals and 3 days for unregistered animals.			
Dog – Registered First Release		No charge	per dog
Dog – Registered, Desexed AND Microchipped	\$108.00	\$111.00	per dog
Dog – Registered, Desexed OR Microchipped	\$163.00	\$168.00	per dog
Dog – Registered Entire Dog	\$193.00	\$198.00	per dog
Dog – Unregistered, Desexed AND Microchipped	\$193.00	\$198.00	per dog
Dog – Unregistered, Desexed OR Microchipped	\$216.00	\$222.00	per dog
Dog – Unregistered Entire Dog	\$271.00	\$278.00	per dog
Cat – Release fee	\$141.00	\$145.00	per cat
Animal – Other than cat or dog (for cattle, goat, horse, pig, sheep etc)	\$214.00	\$220.00	per animal
Animal – Other than cat or dog (for cattle, goat, horse, pig, sheep etc) for multiple impoundments to same owner – applies after first animal	\$64.00	\$66.00	per animal

Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
<b>TRANSPORTATION/SUSTENANCE/POUNDAGE FEES</b>			
Local Law No. 2 (Animal Management) Section 29. An owner or responsible person can reclaim an impounded animal within the prescribed period within 5 days for registered animals and 3 days for unregistered animals.			
Daily Poundage Fee (applicable after 3 days for unregistered dog and after 5 days for registered dog)	\$21.00	\$22.00	per day
Transportation charges for animals other than dog/cat		At Cost	each
Sustenance charges per head – large animal e.g. cattle, horse	\$62.00	\$64.00	per day
Sustenance charges per head – small animal e.g. sheep, goats, swine (excluding dogs/cats)	\$37.00	\$38.00	per day
<b>SURRENDER FEE</b>			
Surrender of dog	\$58.00	\$60.00	per animal
Surrender of cat	\$58.00	\$60.00	per animal
<b>HEALTH &amp; ENVIRONMENTAL HEALTH SERVICES</b>			
<b>ENVIRONMENTAL AUTHORITIES</b>			
Application for Environmental Authority	\$607.00	\$625.00	each
Application to change Environmental Authority	\$321.00	\$330.00	each
Fee for amendment application for Environmental Authority	\$305.00	\$313.00	each
Application to change amendment application for Environmental Authority	\$316.00	\$324.00	each
Fee for amalgamation application	\$316.00	\$324.00	each
Fee for transfer application for Environmental Authority for a prescribed Environmentally Relevant Activity	\$126.00	\$130.00	each
Fee for conversion application	\$316.00	\$324.00	each
Fee for late payment of an annual fee for environmental authority	\$126.00	\$130.00	each
Assessment fee for amendment application for Environmental Authority	\$112.00	\$115.00	each
<b>FEE FOR CONSIDERATION OF A REPORT ABOUT A SITE INVESTIGATION</b>			
For land that is used exclusively for residential purposes and is not the subject of a development application	\$597.00	\$615.00	per lot
Any other land	\$1,338.00	\$1,375.00	per lot
<b>FEE FOR OBTAINING AN EXTRACT FROM THE ENVIRONMENT MANAGEMENT REGISTER OR CONTAMINATED LAND REGISTER, FOR EACH LOT TO WHICH THE EXTRACT RELATES</b>			
If the extract is obtained from the internet	\$49.00	\$51.00	each
Otherwise	\$58.00	\$60.00	each
<b>ANNUAL FEE FOR ENVIRONMENTAL AUTHORITIES</b>			
Environmental Authority Annual License Fee– (Monthly Pro-rata fee applies between January-June)	\$373.00	\$383.00	per annum

Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
<b>HEALTH SEARCHES</b>			
Non Residential: file only	\$160.00	\$164.00	each
Non Residential: inspection included – standard within 10 working days	\$491.00	\$505.00	each
Non Residential: inspection included – urgent within 5 working days	\$665.00	\$685.00	each
<b>CARAVAN PARKS &amp; CAMPING GROUNDS</b>			
Application fee for establishing a new caravan park/camping ground	\$522.00	\$540.00	each
Annual approval fee (Monthly Pro-rata fee applies between January-June)	\$364.00	\$374.00	each
Transfer/Minor Amendment fee for caravan park/camping ground	\$126.00	\$130.00	each
<b>COMMERCIAL USE OF ROAD – ITINERANT VENDORS/STANDING STALLS</b>			
Application fee for all new applications	\$201.00	\$207.00	each
Annual permit fee	\$731.00	\$750.00	per annum
Annual Permit for standing vehicle – Saturday Only – Existing only	\$141.00	\$145.00	per annum
Monthly permit fee – Standing Stalls Only	\$126.00	\$130.00	per month
Weekly permit fee – Standing Stalls Only	\$64.00	\$66.00	per week
<b>FOOTPATH DINING</b>			
Monthly pro-rata fee applies between January – June.			
Annual Fee Zone A – Bundaberg Core Central Business District (as described in IMS document PD-7-291)	\$82.00	\$41.00	per chair
Annual Fee Zone B – Bundaberg Frame, Bargara Central, Childers Central & Gin Gin Central Business District (as described in IMS Document PD-7-291)	\$68.00	\$34.00	per chair
Balance of Regional Area outside of zones A & B	\$36.00	\$18.00	per chair
Application Fee	\$247.00	\$0.00	each
Application Fee – Existing Premise	\$106.00	\$0.00	each
<b>GOODS DISPLAYED ON FOOTPATH OR ROADWAY</b>			
Application for the establishment of display of goods on footpath (additional Approval fees payable on approval)	\$174.00	\$179.00	each
Annual Fee Zone A – Bundaberg Core Central Business District (as described in IMS Document PD-7-291)	\$82.00	\$85.00	per square metre
Annual Fee Zone B – Bundaberg Frame, Bargara Central, Childers Central & Gin Gin Central Business District (as described in IMS Document PD-7-291)	\$68.00	\$70.00	per square metre
Balance of Regional Area outside of zones A & B	\$46.00	\$48.00	per square metre
Application Fee – Existing Premise	\$106.00	\$109.00	each
<b>ACCOMMODATION</b>			
Application Fee for establishing new accommodation premises	\$464.00	\$476.00	each
Annual Permit Fee (Monthly Pro-rata fee applies between Jan– Jun)	\$267.00	\$274.00	each
Transfer fee for Shared Facility Accommodation Premises	\$126.00	\$130.00	each

Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
<b>FOOD PREMISES</b>			
Temporary Food Stall – Event (Commercial)	\$130.00	\$134.00	per event
Farmers Market Licence for primary producers (for a period of 7 days)	\$61.00	\$63.00	per event
Food Licence Application – Existing Premises (including follow up inspection)	\$332.00	\$341.00	each
Category 1 food licence New Application (including follow up inspection)	\$389.00	\$399.00	each
Category 2 food licence New Application (including follow up inspection)	\$520.00	\$535.00	each
Category 3 food licence New Application (including follow up inspection)	\$665.00	\$685.00	each
Category 4 (Restricted) & Category 6 (Not For Profit) food licence New Application (including follow up inspection)	\$189.00	\$194.00	each
Category 1 food licence Annual Licence Fee (Monthly Pro-rata fee applies between January-June)	\$322.00	\$331.00	each
Category 2 food licence Annual Licence Fee (Minus 25% for 4 Star and 50% for 5 Star Rated Premise) (additional 25% for 2 Star and 100% for 0 Star) (Monthly Pro-rata fee applies between January to June)	\$449.00	\$461.00	
Category 3 food licence Annual Licence Fee (minus 25% for 4 Star and 50% for 5 Star Rated Premise) (additional 25% for 2 Star and 100% for 0 Star) (Monthly Pro-rata fee applies between January to June)	\$546.00	\$560.00	each
Category 4 (Restricted) and Category 6 (Not for Profit) food licence Annual Licence Fee (Monthly Pro-rata fee applies between January to June)	\$206.00	\$212.00	each
Alteration of a Food Premise – Minor	\$201.00	\$207.00	each
Alteration of a Food Premise – Major	\$282.00	\$290.00	each
Restoration of a Licence (does not include Annual Licence Fee)	\$265.00	\$272.00	each
Food Safety Program Assessment Fee – New Business	\$740.00	\$760.00	each
Exhaust Canopy Assessment	\$267.00	\$274.00	each
Alteration of a Food Safety Program – Minor	\$109.00	\$112.00	each
Alteration of a Food Safety Program – Major	\$358.00	\$367.00	each
Eat Safe Reassessment Audit	\$266.00	\$273.00	each
Eat Safe Audit Review	\$137.00	\$141.00	each
Annual Temporary Food Stall Application Fee (Commercial)	\$100.00	\$103.00	each
<b>SKIN PENETRATION PREMISES</b>			
High Risk Licence New Application	\$471.00	\$483.00	each
High Risk Licence Annual licence Fee (Monthly Pro-rata fee applies between January-June)	\$290.00	\$298.00	each
High Risk License Application – Transfer of License	\$140.00	\$144.00	each
<b>REGULATED PARKING</b>			
Note: Fees for parking infringements are described as 'penalty units'. The value of a penalty unit is subject to the provisions of the Penalties and Sentences Act 1992 (being \$126.00 effective 1 July 2017 – per Department of Infrastructure, Local Government and Planning, Bulletin 06/17).			
Commercial vehicle permit for use of loading zones.	\$126.00	\$130.00	each
Late Payment for Parking Offences requiring Qld Department of Transport (DOT) Search	\$25.00	\$26.00	each



Name	Year 17/18 Fee (incl. GST)	Year 18/19 Fee (incl. GST)	Unit
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### LAND PROTECTION

Charges associated with the 'Enter and Clear' process as per provisions under the Land Protection (Pest and Stock Route Management) Act 2002.

'Enter and Clear' Administration and Inspection Charge	\$267.00	\$274.00	each
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### RELEASE OF IMPOUNDED ITEMS

Local Law No.1 (Administration) Section 37. A person may reclaim the impounded item if written application is made and proof is produced to the satisfaction that applicant is the owner and pays the prescribed fee all within 1 month (31 Days) from the impounding of the vehicle.

Release of impounded vehicle – not advertised (excluding trucks)	\$276.00	\$283.00	each
Release of impounded vehicle – advertised (excluding trucks)	\$538.00	\$555.00	each
Release of impounded trucks and large vehicles		By quotation	each
Items weighing greater than 1 tonne	\$597.00	\$615.00	per item
Items weighing between 100 kilograms and 1 tonne	\$299.00	\$307.00	per item
Items weighing under 100 kilograms	\$14.00 (minimum amount)		per cubic metre of part thereof

### MISCELLANEOUS HEALTH FEES

Application fee for General Miscellaneous Activities not described, but requiring licensing under Council Local Laws	\$267.00	\$274.00	each
Permit for busking on footpath	\$16.00	\$16.00	per month
Annual licence / Registration / Permit fees for General Miscellaneous Activities	\$267.00	\$274.00	per annum
Administration Charges relating to the clearing of overgrown allotment – plus contractor slashing fee	\$252.00	\$259.00	each
Late fee for overdue accounts	\$120.00	\$123.00	each
Alteration of Local Law approval	\$181.00	\$186.00	each
Release of advertising device	\$61.00	\$63.00	per device

### INFRASTRUCTURE SERVICES

#### ROADS & STREETS

A person wishing to use Council roads for the following activities shall make application to and seek approval from Council.

#### PRIVATE PIPELINE AGREEMENTS

Application Fee	\$472.00	\$484.00	each
Application for renewal/transfer of permit (Permit Period is 5 years)	\$191.00	\$196.00	each

#### USE OF ROADS – GRAZING OF STOCK

Application Fee	\$395.00	\$160.00	each
Renewal of permit (Permit period is 3 months)	\$126.00	\$50.00	each

#### USE OF ROADS – DEPOSITING GOODS OR MATERIALS

Application Fee	\$394.00	\$404.00	each
Renewal of permit	\$126.00	\$130.00	each

Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
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#### USE OF ROADS – AGRICULTURAL PURPOSES (EXCLUDING GRAZING)

Application Fee	\$200.00	\$205.00	each
Renewal/Transfer of Permit (Permit period is 3 years)	\$100.00	\$103.00	each

#### GATES AND GRIDS

Application Fee	\$395.00	\$160.00	each
2nd grid/gate with application at same time		\$75.00 + Application Fee	each
3rd grid/gate with application at same time		\$50.00 + 2nd grid/gate fee + Application Fee	each
4th grid/gate with application at same time		\$25.00 + 2nd & 3rd grid/gate fee + Application Fee	each
5th grid/gate with application at same time		\$25.00 + 2nd, 3rd & 4th grid/gate fee + Application Fee	each

#### GATES AND GRIDS RENEWAL

Renewal/Transfer of Permit (Permit period is 3 years)	\$191.00	\$75.00	each
2nd grid/gate renewal with application at same time		\$0.00 + Renewal Fee	each
3rd grid/gate renewal with application at same time		\$0.00 + 2nd grid/gate fee + Renewal Fee	each
4th grid/gate renewal with application at same time		\$0.00 + 2nd & 3rd grid/gate fee + Renewal Fee	each
5th grid/gate renewal with application at same time		\$0.00 + 2nd, 3rd & 4th grid/gate fee + Renewal Fee	each

#### SUPPORT SERVICES – TRADE WASTE

Licences for Waste Discharge to the Sewer under "Trade Waste Policy".

Note:

\*An excess fee (where discharge exceeds minimum total Annual Volume) will be assessed by the formula  $C = QK$  (where C = Annual Charge (\$); Q = Annual Volume (KL); and K = Unit Charge Rate (\$/KL).

\*An excess fee (where discharge exceeds minimum parameters) will be assessed by the formula  $C = QK + Qx1 + Qx2$  (where C = Total Annual Charge (\$); Q = Total Annual Discharge Volume (KL); K = Unit Charge for Volume (\$/KL); and x1 and x2 = Unit Charge for the Average Pollutants (mg/L) if required).

No Permit Fees to apply to operations licenced under the Environmental Protection Act 1994.

Category 1 Minor (For Low Strength Minor Flow) less than 150KL/annum	\$163.00	\$167.00	per annum
Category 1 (For Low Strength/ Low Volume Discharges) where BOD5 and suspended solids less than 300mg/L, Volume less than 500KL	\$171.00	\$176.00	per annum
Category 2 (For Low Strength/ High Volume Discharges) where BOD5 and suspended solids less than 300mg/L, Volume greater than 500KL*	\$507.00	\$521.00	per annum
Category 3(For High Strength and/or High Volume Discharges) where BOD5 and suspended solids greater than 300mg/L, Volume greater than 500KL**	\$955.00	\$980.00	per annum
The penalty sections applying to Category 3 and 2 Trade Waste Permits will apply to excessive discharges from Environmental Protection Act licenced Premises	\$1.80	\$1.85	per kilolitre
The penalty fee is set per Kilolitre for discharge where the flow is greater than the set fee.			
Trade Waste Application Fee	\$163.00	\$168.00	each

Name	Year 17/18 Fee (incl. GST)	Year 18/19 Fee (incl. GST)	Unit
<b>SUPPORT SERVICES – WATER</b>			
<b>APPLICATION FOR PLUMBING AND DRAINAGE FOR PREMISES CONNECTED TO THE SEWERAGE SYSTEM</b>			
<b>APPLICATION FOR ASSESSMENT OF PLANS FOR COMPLIANCE PERMIT, INSPECTIONS FOR DIFFERENT STAGES OR WORK AND COMPLIANCE CERTIFICATE FOR REGULATED WORK FOR PREMISES CONNECTED TO SEWERAGE</b>			
CSO Note: Consult with Plumbing Inspectors to confirm fees to be charged for Class 2 to 9 Buildings			
Class 1 or 1a Dwellings (including Water Saving Targets) – Maximum 10 fixtures – Normal Priority Fee	\$818.00	\$840.00	each
Class 1 or 1a Dwellings (including Water Saving Targets) – Maximum 10 fixtures – Fast Track Pipeline Fee (5 days)	\$1,063.00	\$1,090.00	each
Each additional fixture – Normal Priority Fee	\$41.00	\$42.00	each
Each additional fixture – Fast Track Pipeline Fee (5 days)	\$52.00	\$53.00	each
Class 1 & 1a dwellings, sheds, ensuites, application for the installation of 1 fixture only or applications for one stage of work only (e.g. under slab drainage only, sink, basin) – Normal Priority Fee	\$409.00	\$420.00	each
Class 1 & 1a dwellings, sheds, ensuites, application for the installation of 1 fixture only or applications for one stage of work only (e.g. under slab drainage only, sink, basin) – Fast Track Pipeline Fee (5 days)	\$532.00	\$547.00	each
<b>MINOR INSTALLATIONS (MORE THAN 1 FIXTURE MAXIMUM 3 FIXTURES) E.G. ENSUITES, SHED WITH SHOWER, TOILET, BASIN) OR CLASS 1A ALTERATIONS/ADDITIONS</b>			
Normal Priority Fee	\$603.00	\$620.00	each
Fast Track Pipeline Fee (5 days)	\$783.00	\$805.00	each
<b>APPLICATION FOR ASSESSMENT OF AMENDED PLANS FOR AMENDED COMPLIANCE PERMIT</b>			
Normal Priority Fee	\$228.00	\$234.00	each
Fast Track Pipeline Fee (5 days)	\$296.00	\$304.00	each
<b>APPLICATION FOR ASSESSMENT OF AMENDED PLANS FOR AMENDED COMPLIANCE PERMIT (CLASS 2 TO 9)</b>			
Normal Priority Fee	\$286.00	\$294.00	each
Fast Track Pipeline Fee (5 days)	\$371.00	\$381.00	each
<b>ADDITIONAL INSPECTIONS FOR WORK ASSOCIATED WITH PLUMBING AND DRAINAGE INSTALLATION</b>			
Fee	\$160.00	\$164.00	each
<b>RE-INSPECTION (AS A RESULT OF NON COMPLIANCE ON ASSESS WORK) (CLASS 1-10 BUILDINGS)</b>			
Fee	\$233.00	\$239.00	each

Name	Year 17/18 Fee (incl. GST)	Year 18/19 Fee (incl. GST)	Unit
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**APPLICATION FOR ASSESSMENT FOR COMPLIANCE PERMIT FOR PLUMBING AND DRAINAGE FOR PREMISES OTHER THAN A SOLE OCCUPANCY DWELLING (INCLUDING UP TO 10 FIXTURES) CLASS 2 TO 9 BUILDINGS (E.G. UNITS, AMENITY BUILDINGS, INDUSTRIAL, COMMERCIAL BUILDING, PROCESSING PLANTS/FACTORIES ETC)**

Maximum 10 fixtures	\$1,001.00	\$1,030.00	each
Fast Track Pipeline Fee (5 days) – Maximum 10 fixtures	\$1,300.00	\$1,335.00	each
Each additional fixture	\$41.00	\$43.00	each
Fast Track Pipeline Fee (5 days) – Each additional fixture	\$52.00	\$54.00	each
Minor installations – Maximum 3 fixtures	\$592.00	\$610.00	each
Fast Track Pipeline Fee (5 days) – Minor installations – Maximum 3 fixtures	\$769.00	\$790.00	each

**CONNECTION OF RAIN WATER TANKS TO PLUMBING FIXTURES OR INTER-CONNECTION OF THE TANK WATER SUPPLY WITH THE WATER SERVICES FROM THE RETICULATED TOWN WATER SUPPLY (EXISTING)**

CSO Note: Consult with Plumbing Inspectors to confirm fees to be charged for Class 2 to 9 Buildings

Fee	\$347.00	\$356.00	each
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**APPLICATION FOR PLUMBING AND DRAINAGE AND THE ON-SITE SEWERAGE FACILITY**

**APPLICATION FOR ASSESSMENT OF PLANS FOR COMPLIANCE PERMIT, INSPECTIONS FOR DIFFERENT STAGES OF WORK AND COMPLIANCE CERTIFICATE FOR REGULATED PLUMBING, DRAINAGE AND ON-SITE SEWERAGE FACILITY WORK FOR PREMISES IN UNSEWERED AREAS**

Class 1 or 1a dwellings (maximum 10 fixtures) – Normal Priority Fee	\$1,217.00	\$1,250.00	each
Class 1 or 1a dwellings (maximum 10 fixtures) – Fast Track Pipeline Fee (5 days)	\$1,582.00	\$1,625.00	each
Each additional fixture – Normal Priority Fee	\$41.00	\$43.00	each
Each additional fixture – Fast Track Pipeline Fee (5 days)	\$52.00	\$54.00	each
Class 1 & 1a dwellings, sheds, ensuites, application for the installation of 1 fixture only or application for one stage of work only (e.g. under slab drainage only, sink, basin) – Normal Priority Fee	\$512.00	\$525.00	each
Class 1 & 1a dwellings, sheds, ensuites, application for the installation of 1 fixture only or application for one stage of work only (e.g. under slab drainage only, sink, basin) – Fast Track Pipeline Fee (5 days)	\$666.00	\$685.00	each
Small installations (more than 1 fixture) (e.g. ensuites, sheds with shower, toilet, basin) or Class 1a Alterations/Additions and a new or amended on site sewerage facility installation – Normal Priority Fee	\$1,149.00	\$1,180.00	each
Small installations (more than 1 fixture) (e.g. ensuites, sheds with shower, toilet, basin) or Class 1a Alterations/Additions and a new or amended on site sewerage facility installation – Fast Track Pipeline Fee (5 days)	\$1,493.00	\$1,535.00	each
Installation (more than 1 fixture) e.g. (ensuites, shed with shower, toilet, basin) or Class 1a Alterations, Additions to the existing on site sewerage facility of Class 1a new dwelling – Normal Priority Fee	\$909.00	\$935.00	each
Installation (more than 1 fixture) e.g. (ensuites, shed with shower, toilet, basin) or Class 1a Alterations, Additions to the existing on site sewerage facility of Class 1a new dwelling – Fast Track Pipeline Fee (5 days)	\$1,181.00	\$1,215.00	each
Application to build, amend, alter or change an on site sewerage facility and includes any alterations to drainage to the on-site sewerage facility – Normal Priority Fee	\$695.00	\$715.00	each
Application to build, amend, alter or change an on site sewerage facility and includes any alterations to drainage to the on-site sewerage facility – Fast Track Pipeline Fee (5 days)	\$903.00	\$930.00	each

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Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
<b>APPLICATION FOR ASSESSMENT OF PLANS FOR COMPLIANCE PERMIT, INSPECTIONS FOR DIFFERENT STAGES OF WORK AND COMPLIANCE CERTIFICATE FOR REGULATED PLUMBING, DRAINAGE AND ON-SITE SEWERAGE FACILITY WORK FOR PREMISES IN UNSEWERED AREAS</b>			
<small>(continued)</small>			
Assessment of amended design for the plumbing, drainage and/or on site sewerage facility for amended compliance permit (note: new installation) – Normal Priority Fee	\$228.00	\$234.00	each
Assessment of amended design for the plumbing, drainage and/or on site sewerage facility for amended compliance permit (note: new installation) – Fast Track Pipeline Fee (5 days)	\$296.00	\$304.00	each
Application for assessment for a compliance permit to disconnect and remove an on-site sewerage facility – Normal Priority Fee	\$455.00	\$467.00	each
Application for assessment for a compliance permit to disconnect and remove an on-site sewerage facility – Fast Track Pipeline Fee (5 days)	\$591.00	\$610.00	each
Additional inspection for work associated with plumbing and drainage and on-site sewerage facility installations – Fast Track Pipeline Fee	\$312.00	\$320.00	each
Additional inspection for work associated with plumbing and drainage and on-site sewerage facility installations – Normal Priority	\$240.00	\$246.00	each
<b>RE-INSPECTION (AS A RESULT OF NON-COMPLIANCE ON ASSESSABLE WORK)</b>			
Fee	\$347.00	\$356.00	each
<b>APPLICATION FOR ASSESSMENT FOR COMPLIANCE PERMIT FOR PLUMBING AND DRAINAGE AND THE ON-SITE SEWERAGE FACILITY FOR PREMISES OTHER THAN A SOLE OCCUPANCY DWELLING (INCLUDING UP TO 10 FIXTURES) CLASS 2 TO 9 BUILDINGS (E.G. UNITS, AMENITY BUILDINGS, INDUSTRIAL, COMMERCIAL BUILDINGS, PROCESSING PLANTS/FACTORIES ETC)</b>			
Up to 10 fixtures per building or two units – Normal Priority Fee	\$1,137.00	\$1,170.00	each
Up to 10 fixtures per building or two units – Fast Track Pipeline Fee (5 days)	\$1,476.00	\$1,515.00	each
Over 10 fixtures per building or two units (per each additional fixture) – Normal Priority Fee	\$58.00	\$60.00	each
Over 10 fixtures per building or two units (per each additional fixture) – Fast Track Pipeline (5 days)	\$75.00	\$77.00	each
Minor installations (Maximum 3 fixtures) – Normal Priority Fee	\$660.00	\$680.00	each
Minor installations (Maximum 3 fixtures) – Fast Track Pipeline (5 days)	\$857.00	\$880.00	each
<b>ADMINISTRATION FEE FOR FINAL INSPECTION ON APPLICATIONS MORE THAN 2 YEARS OLD WHEN WORK HAS STARTED AND INSPECTIONS RECORDED</b>			
Fee	\$92.00	\$95.00	each
<b>REFUND OF FEES FOR APPLICATIONS WITHDRAWN</b>			
Refunds will only be considered following the receipt of written advice from the applicant requesting withdrawal of the application and a refund of fees			
Council will consider the application and if it decides to make a refund, the maximum refund to be made shall be 50% of the application fee		50%	each
<b>ACCESS FOR VIEWING OR PHOTOCOPYING OF PLUMBING &amp; DRAINAGE PLANS</b>			
Access for viewing or copying of plumbing plans/septic details (copying and mailing costs are extra charge at cost)	\$103.00	\$106.00	each

Name	Year 17/18 Fee (incl. GST)	Year 18/19 Fee (incl. GST)	Unit
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#### APPLICATION FOR COMPLIANCE ASSESSMENT & INSPECTION OF GROUP PROPERTY MAINS

This fee consists of the "Application for Assessment" fee and the relevant 'Inspection' fee based on the length of each main being installed.

Application for Assessment	\$217.00	\$223.00	each
Inspection of Water/Fire Mains	\$9.30	\$9.60	per metre
Inspection of Sewer Mains	\$15.00	\$16.00	per metre

#### GREY WATER REUSE SYSTEMS IN SEWERED AREAS

Applications to build, amend, alter or change an on-site sewerage facility including any alterations to drainage to on-site sewerage facility in seweraged areas (grey water systems)	\$695.00	\$715.00	each
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#### BACKFLOW PREVENTION REGISTER FEE

#### PLANNING & DEVELOPMENT

#### APPLICATION FOR MATERIAL CHANGE OF USE

Note: Pursuant to section 109(b) of the Planning Act 2016, a fee included in this section can only be reduced in the circumstances prescribed by the Planning Regulation 2016 – see below

#### RESIDENTIAL ACTIVITIES

##### CARETAKER'S ACCOMMODATION

Code Assessment	\$1,886.00	\$1,935.00	each
Impact Assessment	\$2,546.00	\$2,610.00	each

##### COMMUNITY RESIDENCE, DWELLING HOUSE, DWELLING UNIT, SECONDARY DWELLING

Code Assessment	\$1,250.00	\$1,285.00	each
Impact Assessment	\$1,687.00	\$1,730.00	each

##### DUAL OCCUPANCY

Code Assessment	\$2,760.00	\$2,830.00	each
Impact Assessment	\$3,726.00	\$3,820.00	each

##### HOME BASED BUSINESS

Code Assessment	\$2,477.00	\$2,540.00	each
Impact Assessment	\$3,343.00	\$3,430.00	each

##### MULTIPLE DWELLING, RELOCATABLE HOME PARK, RESIDENTIAL CARE FACILITY, RETIREMENT FACILITY

Code Assessment	\$6,201.00	\$6,360.00	each
Plus per each dwelling unit, independent living unit and manager's residence	\$139.00	\$143.00	each
Impact Assessment	\$8,371.00	\$8,585.00	each
Plus per each dwelling unit, independent living unit and manager's residence	\$186.00	\$191.00	each



Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
<b>NON-RESIDENT WORKFORCE ACCOMMODATION, ROOMING ACCOMMODATION AND SHORT-TERM ACCOMMODATION</b>			
Code Assessment	\$2,759.00	\$2,830.00	each
Plus per each unit/bed/site	\$69.00	\$71.00	each
Impact Assessment	\$3,726.00	\$3,820.00	each
Plus per each unit/bed/site	\$93.00	\$96.00	each
<b>RURAL WORKERS ACCOMMODATION</b>			
Code Assessment	\$4,135.00	\$4,240.00	each
Impact Assessment	\$5,581.00	\$5,725.00	each
<b>NATURE-BASED TOURISM, RESORT COMPLEX</b>			
Code Assessment	\$6,201.00	\$6,360.00	each
Plus per each unit/bed/site	\$139.00	\$143.00	each
Impact Assessment	\$8,371.00	\$8,585.00	each
Plus per each unit/bed/site	\$186.00	\$191.00	each
<b>TOURIST PARK</b>			
Code Assessment	\$6,200.00	\$6,355.00	each
Impact Assessment	\$8,370.00	\$8,580.00	each
<b>BUSINESS ACTIVITIES</b>			
<b>ADULT STORE, BAR, FOOD AND DRINK OUTLET, HARDWARE AND TRADE SUPPLIES, OFFICE, SHOP, SHOPPING CENTRE, SHOWROOM, VETERINARY SERVICES</b>			
<b>1M2 TO 500M2 GROSS FLOOR AREA</b>			
Code Assessment	\$6,201.00	\$6,360.00	each
Impact Assessment	\$8,371.00	\$8,585.00	each
<b>501M2 TO 1,500M2 GROSS FLOOR AREA</b>			
Code Assessment	\$8,268.00	\$8,475.00	each
Impact Assessment	\$11,161.00	\$11,445.00	each
<b>1,501M2 TO 3,500M2 GROSS FLOOR AREA</b>			
Code Assessment	\$11,016.00	\$11,295.00	each
Impact Assessment	\$14,872.00	\$15,245.00	each
<b>3,501M2 TO 10,000M2 GROSS FLOOR AREA</b>			
Code Assessment	\$16,523.00	\$16,940.00	each
Impact Assessment	\$22,306.00	\$22,865.00	each

Name	Year 17/18 Fee (incl. GST)	Year 18/19 Fee (incl. GST)	Unit
<b>10,001M2 OR GREATER GROSS FLOOR AREA</b>			
Code Assessment	\$17,534.00	\$17,975.00	each
Plus per each square metre of gross floor area above 10,000	\$1.50	\$1.60	each
Impact Assessment	\$23,671.00	\$24,265.00	each
Plus per each square metre of gross floor area above 10,000	\$2.00	\$2.10	each
<b>AGRICULTURAL SUPPLIES STORE, CAR WASH, GARDEN CENTRE, MARKET, OUTDOOR SALES, SERVICE STATION</b>			
Code Assessment	\$6,201.00	\$6,360.00	each
Impact Assessment	\$8,371.00	\$8,585.00	each
<b>SALES OFFICE</b>			
Code Assessment	\$2,477.00	\$2,540.00	each
Impact Assessment	\$3,343.00	\$3,430.00	each
<b>ENTERTAINMENT ACTIVITIES</b>			
<b>CLUB, FUNCTION FACILITY, HOTEL, NIGHTCLUB ENTERTAINMENT FACILITY, THEATRE</b>			
<b>1M2 TO 500M2 GROSS FLOOR AREA</b>			
Code Assessment	\$6,201.00	\$6,360.00	each
Impact Assessment	\$8,371.00	\$8,585.00	each
<b>501M2 OR MORE GROSS FLOOR AREA</b>			
Code Assessment	\$8,268.00	\$8,475.00	each
Impact Assessment	\$11,161.00	\$11,445.00	each
<b>TOURIST ATTRACTION</b>			
<b>UP TO 2HA TOTAL SITE AREA</b>			
Code Assessment	\$6,201.00	\$6,360.00	each
Impact Assessment	\$8,371.00	\$8,585.00	each
<b>GREATER THAN 2HA TOTAL SITE AREA</b>			
Code Assessment	\$11,016.00	\$11,295.00	each
Impact Assessment	\$14,872.00	\$15,245.00	each
<b>INDUSTRY ACTIVITIES</b>			
<b>BULK LANDSCAPE SUPPLIES</b>			
Code Assessment	\$8,268.00	\$8,475.00	each
Impact Assessment	\$11,161.00	\$11,445.00	each
<b>EXTRACTIVE INDUSTRY</b>			



Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
<b>1 TO 10,000 TONNES OF MATERIAL EXTRACTED PER YEAR</b>			
Code Assessment	\$7,725.00	\$7,920.00	each
Impact Assessment	\$10,429.00	\$10,690.00	each
<b>10,001 TO 100,000 TONNES OF MATERIAL EXTRACTED PER YEAR</b>			
Code Assessment	\$15,161.00	\$15,545.00	each
Impact Assessment	\$20,467.00	\$20,980.00	each
<b>100,001 OR MORE TONNES OF MATERIAL EXTRACTED PER YEAR</b>			
Code Assessment	\$28,925.00	\$29,650.00	each
Impact Assessment	\$39,047.00	\$40,025.00	each
<b>HIGH IMPACT INDUSTRY, SPECIAL INDUSTRY</b>			
<b>1M2 TO 1,000M2 GROSS FLOOR AREA</b>			
Code Assessment	\$15,160.00	\$15,540.00	each
Impact Assessment	\$20,467.00	\$20,980.00	each
<b>1,001M2 OR GREATER GROSS FLOOR AREA</b>			
Code Assessment	\$28,925.00	\$29,650.00	each
Impact Assessment	\$39,047.00	\$40,025.00	each
<b>MEDIUM IMPACT INDUSTRY, MARINE INDUSTRY, RESEARCH AND TECHNOLOGY INDUSTRY, TRANSPORT DEPOT</b>			
<b>1M2 TO 1,000M2 GROSS FLOOR AREA</b>			
Code Assessment	\$8,268.00	\$8,475.00	each
Impact Assessment	\$11,161.00	\$11,445.00	each
<b>1,001M2 OR GREATER GROSS FLOOR AREA</b>			
Code Assessment	\$14,412.00	\$14,775.00	each
Impact Assessment	\$19,454.00	\$19,945.00	each
<b>LOW IMPACT INDUSTRY, SERVICE INDUSTRY, WAREHOUSE</b>			
<b>1M2 TO 1,000M2 GROSS FLOOR AREA</b>			
Code Assessment	\$6,894.00	\$7,070.00	each
Impact Assessment	\$9,307.00	\$9,540.00	each
<b>1,001M2 OR GREATER FLOOR AREA</b>			
Code Assessment	\$12,402.00	\$12,715.00	each
Impact Assessment	\$16,741.00	\$17,160.00	each

Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
<b>COMMUNITY ACTIVITIES</b>			
<b>COMMUNITY CARE CENTRE, COMMUNITY USE, EMERGENCY SERVICES</b>			
Code Assessment	\$1,250.00	\$1,285.00	each
Impact Assessment	\$1,687.00	\$1,730.00	each
<b>CEMETERY, CHILD CARE CENTRE, CREMATORIUM, DETENTION FACILITY, EDUCATION ESTABLISHMENT, FUNERAL PARLOUR, HEALTH CARE SERVICES, HOSPITAL, PLACE OF WORSHIP</b>			
Code Assessment	\$4,828.00	\$4,950.00	each
Impact Assessment	\$6,517.00	\$6,680.00	each
<b>RECREATION ACTIVITIES</b>			
<b>ENVIRONMENT FACILITY, INDOOR SPORT AND RECREATION, OUTDOOR SPORT AND RECREATION</b>			
Code Assessment	\$4,828.00	\$4,950.00	each
Impact Assessment	\$6,517.00	\$6,680.00	each
<b>MAJOR SPORT, RECREATION AND ENTERTAINMENT FACILITY, MOTOR SPORT FACILITY</b>			
Code Assessment	\$28,924.00	\$29,650.00	each
Impact Assessment	\$39,047.00	\$40,025.00	each
<b>PARK</b>			
Code Assessment	\$1,250.00	\$1,285.00	each
Impact Assessment	\$1,687.00	\$1,730.00	each
<b>RURAL ACTIVITIES</b>			
<b>ANIMAL HUSBANDRY, CROPPING, INTENSIVE HORTICULTURE, PERMANENT PLANTATION, RURAL INDUSTRY, WHOLESALE NURSERY, WINERY</b>			
Code Assessment	\$4,135.00	\$4,240.00	each
Impact Assessment	\$5,581.00	\$5,725.00	each
<b>ANIMAL KEEPING, AQUACULTURE (NO GREATER THAN 2HA TOTAL POND AREA) INTENSIVE ANIMAL INDUSTRY</b>			
Code Assessment	\$7,586.00	\$7,780.00	each
Impact Assessment	\$10,242.00	\$10,500.00	each
<b>AQUACULTURE (TOTAL POND AREA GREATER THAN 2HA TOTAL POND AREA)</b>			
Code Assessment	\$9,085.00	\$9,315.00	each
Impact Assessment	\$12,265.00	\$12,575.00	each

Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
<b>ROADSIDE STALL</b>			
Code Assessment	\$1,250.00	\$1,285.00	each
Impact Assessment	\$1,687.00	\$1,730.00	each
<b>OTHER ACTIVITIES</b>			
<b>AIR SERVICES, LANDING, MAJOR ELECTRICITY INFRASTRUCTURE, PORT SERVICES, SUBSTATION, RENEWABLE ENERGY FACILITY, UTILITY INSTALLATION (MAJOR – INCLUDES SEWERAGE OR WATER TREATMENT PLANT, MAIL DEPOT)</b>			
Code Assessment	\$15,160.00	\$15,540.00	each
Impact Assessment	\$20,467.00	\$20,980.00	each
<b>UTILITY INSTALLATION (MINOR – INCLUDES PUMPING STATIONS)</b>			
Code Assessment	\$1,250.00	\$1,285.00	each
Impact Assessment	\$1,687.00	\$1,730.00	each
<b>TELECOMMUNICATIONS FACILITY</b>			
Code Assessment	\$4,010.00	\$4,115.00	each
Impact Assessment	\$5,413.00	\$5,550.00	each
<b>BROTHEL, PARKING STATION</b>			
Code Assessment	\$6,201.00	\$6,360.00	each
Impact Assessment	\$8,371.00	\$8,585.00	each
<b>OUTSTATION</b>			
Code Assessment	\$1,250.00	\$1,285.00	each
Impact Assessment	\$1,687.00	\$1,730.00	each
<b>OTHER MATERIAL CHANGE OF USE FEE</b>			
Note: A maximum of 1 discount applies.			
All use types – where the change of use only involves the reuse of an existing building	Fee applicable to specific use	LESS 25%	each
Code Assessment triggered by an Overlay (except Flood Hazard Overlay or Heritage and Neighbourhood Character Overlay)	\$1,250.00	\$1,285.00	each
Code Assessment triggered by either the Flood Hazard Overlay or the Heritage and Neighbourhood Character Overlay (ie not made assessable by any other part of the planning scheme)		No Charge	each
Undefined Use		To be determined	each
Where an application involves a use not specifically provided for in this fee schedule and cannot be reasonably included in one of the above Activity Groups, the fee for the application will be set by the General Manager Infrastructure & Planning, Group Manager Development or Manager Development Assessment having regard to the likely reasonable costs of assessing the application.			
Risksmart or Low Risk Applications	Fee applicable to specific use	LESS 25%	each
Low Risk Applications – applications for development that satisfy Councils published Low Risk eligibility criteria			

Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
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### APPLICATIONS FOR RECONFIGURATION OF A LOT

Note: Pursuant to section 109(b) of the Planning Act 2016, a fee included in this section can only be reduced in the circumstances prescribed by the Planning Regulation 2016 – see below

#### CODE ASSESSABLE RECONFIGURATION AND/OR RECONFIGURATION BY LEASE (CREATING 2 OR MORE LOTS) INCLUDING ASSOCIATED ACCESS EASEMENTS

Base fee	\$2,477.00	\$2,540.00	each
Plus fee per additional lot created	\$464.00	\$476.00	per lot

#### IMPACT ASSESSABLE RECONFIGURATION AND/OR RECONFIGURATION BY LEASE (CREATING 2 OR MORE LOTS)

Fee	Code Assessable fee + 35%		each
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#### APPLICATION TO CREATE AN ACCESS EASEMENT

Where the application is only for an access easement – fee	\$2,477.00	\$2,540.00	each
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### APPROVAL OF PLANS OF SUBDIVISION AND ASSOCIATED DOCUMENTS

Note: Pursuant to section 109(b) of the Planning Act 2016, a fee included in this section can only be reduced in the circumstances prescribed by the Planning Regulation 2016 – see below

#### APPROVAL OF SUBDIVISION PLANS (ALL PLAN TYPES)

Where related to Reconfiguring a Lot that is not Assessable Development	\$909.00	\$935.00	each
Where related to Reconfiguring a Lot that is assessable development that has no related Operational Works Approval	\$1,172.00	\$1,205.00	each
Where associated with Reconfiguring a Lot that is assessable development and has a related Operational Works Approval	\$1,700.00	\$1,745.00	each

#### ENDORSEMENT OF COMMUNITY MANAGEMENT STATEMENT

Fee	\$478.00	\$490.00	per document
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#### ENDORSEMENT OF PLAN OR DOCUMENT RELATING TO A LEASE OR EASEMENT

Where submitted with an Application for Endorsement of Subdivision Plan	\$256.00	\$263.00	per document
All others	\$512.00	\$525.00	each

#### RE-ENDORSEMENT OF PLAN OF SUBDIVISION OR OTHER DOCUMENT

Resealing Fee	\$478.00	\$490.00	each
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Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
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### BUILDING WORKS ASSESSABLE UNDER THE PLANNING SCHEME

Note: Pursuant to section 109(b) of the Planning Act 2016, a fee included in this section can only be reduced in the circumstances prescribed by the Planning Regulation 2016 – see below

Building works for a Dwelling House not including a Secondary Dwelling	\$490.00	\$505.00	each
Building Works for a Secondary Dwelling OR a Detached House with a Secondary Dwelling	\$1,249.00	\$1,285.00	each
Building works involving the demolition or removal of a Local Heritage Place	\$1,250.00	\$1,285.00	each
All other Building Works made assessable under the Planning Scheme	\$1,250.00	\$1,285.00	each

### APPLICATION FOR OPERATIONAL WORKS

Note: Pursuant to section 109(b) of the Planning Act 2016, a fee included in this section can only be reduced in the circumstances prescribed by the Planning Regulation 2016 – see below

#### OPERATIONAL WORKS – CIVIL WORKS ASSOCIATED WITH RECONFIGURING A LOT (INCLUDES ALL INSPECTIONS EXCEPT RE-INSPECTION OF NON-COMPLIANT WORKS)

Fee to be calculated on the total estimate value of the works for which approval is being sought. The estimate of works must be approved by the Senior Development Engineer or another Infrastructure & Planning Directorate Manager.

Minor works (less than \$50,000)	\$574.00	\$590.00	each
Other – where in a partially serviced area (no wastewater) up to a maximum of \$30,000 – fee per lot	\$1,000.00	\$1,025.00	Per Lot
Other – where in a partially services area (no waste water and no water) up to a maximum of \$20,000 – fee per lot	\$750.00	\$770.00	Per Lot
Other – where in a fully serviced area (ie water and waste water available) up to a maximum of \$40,000 – fee per lot	\$1,250.00	\$1,285.00	Per Lot

#### OPERATIONAL WORKS – EXCAVATING OR FILLING OF LAND

Minor Works (up to 500m3)	\$574.00	\$590.00	each
All other	\$2,091.00	\$2,145.00	each

#### PRESCRIBED TIDAL WORKS

Where associated with residential use on adjoining land	\$1,172.00	\$1,205.00	each
All other	\$2,340.00	\$2,400.00	each

#### PLACING AN ADVERTISING DEVICE

Fee	\$847.00	\$870.00	each
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#### RE-INSPECTION FEES

Where a re-inspection of works is required as a result of defects or other non-compliance	\$325.00	\$334.00	each
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#### APPLICATION FOR VEGETATION CLEARING

Fee	\$574.00	\$590.00	each
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Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
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**ALL OTHER OPERATIONAL WORKS INCLUDING OPERATIONAL WORKS ASSOCIATED WITH A MATERIAL CHANGE OF USE**

Minor Works (less than \$50,000)	\$574.00	\$590.00	each
All other	2% of the total value of the works – minimum fee \$1,767		each

**APPLICATIONS FOR PRELIMINARY APPROVAL**

Note: Pursuant to section 109(b) of the Planning Act 2016, a fee included in this section can only be reduced in the circumstances prescribed by the Planning Regulation 2016 – see below

**APPLICATIONS FOR PRELIMINARY APPROVAL – PLANNING ACT 2016 (SECTION 49)**

Code or Impact – % of applicable Development Permit fee		100%	each
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**APPLICATION FOR A DEVELOPMENT PERMIT SUBSEQUENT TO A PRELIMINARY APPROVAL**

Where consistent with Preliminary Approval – % of applicable Development Permit fee		50%	each
Where inconsistent with Preliminary Approval – % of applicable Development Permit fee		100%	each

**WHERE PRELIMINARY APPROVAL INCLUDES A PART THAT IS A VARIATION REQUEST**

Fee applicable to application plus additional fee		10% of base fee	each
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**REVIEW OF TECHNICAL AND OTHER REPORTS**

Any application that includes additional technical or other reports that require assessment (including but not limited to reports about Environmental/Social Impacts, Economic Need and/or Impact, Contaminated Land, geotechnical, flood or other hydrological/hydraulic matters, traffic) shall pay the prescribed fee PLUS an additional fee for assessment of the additional reports.

Note: Pursuant to section 109(b) of the Planning Act 2016, a fee included in this section can only be reduced in the circumstances prescribed by the Planning Regulation 2016 – see below

Fee – Minor	\$1,897.00	\$1,945.00	per report
Fee – Major	\$6,894.00	\$7,070.00	per report

**OTHER DEVELOPMENT ASSESSMENT ITEMS**

Note: Pursuant to section 109(b) of the Planning Act 2016, a fee included in this section can only be reduced in the circumstances prescribed by the Planning Regulation 2016 – see below

**MAKING CHANGE REPRESENTATION REQUEST (NEGOTIATED DECISION REQUEST)**

Fee	\$574.00	\$590.00	each
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**CHANGE APPLICATIONS**

**WHERE FOR A MINOR CHANGE**

Fee for a Minor Change cannot exceed the fee applicable to a new Development Application

Fee	\$1,636.00	\$1,680.00	
Plus for each condition requested to be changed	\$210.00	\$216.00	each
Where the change is considered insignificant	\$216.00	\$222.00	each

Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
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#### WHERE FOR OTHER CHANGES

The applicable fee for a Change Application that is not a minor change will be the fee applicable under this schedule as if the application were a new application for the development

#### EXTENSION APPLICATION

Fee	\$836.00	\$860.00	each
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#### REQUEST FOR EXEMPTION CERTIFICATE UNDER SECTION 46 OF THE PLANNING ACT

Fee	\$500.00	\$515.00	each
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#### CANCELLATION APPLICATION

Fee	\$695.00	\$715.00	each
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#### REQUEST FOR APPLICATION OF SUPERSEDED PLANNING SCHEME

Fee	\$1,096.00	\$1,125.00	each
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#### APPLICATION FOR RECALCULATION OF ESTABLISHMENT COSTS

Fee	\$1,704.00	\$1,750.00	each
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#### APPLICATION TO CONVERT NON-TRUNK INFRASTRUCTURE (CONVERSION APPLICATION)

Fee	\$1,704.00	\$1,750.00	each
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#### REFUND OF DEVELOPMENT APPLICATION FEES

Application fees will be refunded if an application is withdrawn prior to a decision being made as follows:

Notification stage	35%	each
Decision Stage	15%	each
Information and referral stage	50%	each
Application stage	85%	each

#### MULTIPLE USES/DEVELOPMENT

Where an Application involves more than 1 type of use or development, the fees shall be the sum of the individual components of the application.

#### REDUCTION OF FEES

Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
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### MAJOR APPLICATIONS

For Material Change of Use and Reconfiguring a Lot Applications where the applicable fee would be over \$20,000 under this schedule, the General Manager Infrastructure & Planning, Group Manager Development or Manager Development Assessment may apply an alternate fee where the set fee is in their opinion unreasonable. The alternate fee will be calculated using the set rates below based on an estimate of the time required to assess the application.

Base Fee	\$600.00	\$615.00	each
plus Development Planner assessment time	\$120.00	\$123.00	per hour
plus Senior Development Planner assessment time	\$140.00	\$144.00	per hour
plus Development Engineer assessment time	\$130.00	\$134.00	per hour
plus Senior Development Engineer assessment time	\$145.00	\$149.00	per hour
plus Para Planner assessment time	\$105.00	\$108.00	per hour

### DISCOUNTS FOR REGISTERED NON-PROFIT ORGANISATIONS

The applicable fee for Development Applications, referrals, requests or other applications under Chapter 3 of the Planning Act 2016 will be reduced by 50% for Registered Non-profit Organisations.

Registered Non-profit Organisations has the same meaning as the Planning Regulation 2016 – see Schedule 26 Dictionary

### CONCURRENCE AGENCY ASSESSMENTS

Note: Pursuant to section 109(b) of the Planning Act 2016, a fee included in this section can only be reduced in the circumstances prescribed by the Planning Regulation 2016 – see below

#### CONCURRENCE AGENCY REFERRALS (INCLUDING PRE-LODGE MENT RESPONSES) FOR BUILDING RELATED MATTERS INCLUDING AMENITY & AESTHETICS, QDC, BUILDING OVER-SEWERS AND ASSESSMENT AGAINST PLANNING SCHEME PROVISIONS

Fee	\$478.00	\$490.00	each
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#### ALL OTHER AGENCY CONCURRENCE AGENCY REFERRALS

Fee	\$1,103.00	\$1,135.00	each
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#### REQUEST TO CHANGE A CONCURRENCE AGENCY RESPONSE

Fee	\$217.00	\$223.00	each
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### BUILDING REGULATORY FEES

#### PRIVATE CERTIFIER – LODGEMENT OF APPROVALS

Lodgement of plans by a Private Certifier including all associated documentation	\$147.00	\$151.00	each
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#### FEE FOR ASSESSMENT OF APPLICATIONS FOR BUDGET ACCOMMODATION BUILDINGS

To be individually assessed.	\$387.00 (Minimum Fee)		each
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#### TEMPORARY OCCUPANCY PERMIT

Fee for Local Law application	\$399.00	\$409.00	each
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Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
<b>BUILDING COMPLIANCE NOTICE FOR A RESIDENTIAL SERVICE – SECTION 29 OF THE RESIDENTIAL SERVICES (ACCREDITATION) ACT 2002</b>			
Fee	\$386.00	\$396.00	each
<b>SEARCHES, CERTIFICATES AND INFORMATION REQUESTS</b>			
<b>LIMITED PLANNING AND DEVELOPMENT CERTIFICATE</b>			
Normal – 5 business days	\$347.00	\$356.00	per lot
Urgent – 2 business days	\$693.00	\$715.00	per lot
<b>STANDARD PLANNING AND DEVELOPMENT CERTIFICATE</b>			
Normal – 10 business days	\$1,172.00	\$1,205.00	per lot
Urgent – 5 business days	\$2,340.00	\$2,400.00	per lot
<b>FULL PLANNING AND DEVELOPMENT CERTIFICATE</b>			
Normal – 30 business days	\$2,068.00	\$2,120.00	each
Urgent – 10 business days	\$4,135.00	\$4,240.00	each
<b>FLOOD SEARCH CERTIFICATE</b>			
Provision of a hard copy certificate fee	\$150.00	\$154.00	per lot
Online Flood Search Certificate		Free	per lot
<b>BUILDING COMPLIANCE SEARCH</b>			
Normal – 5 business days	\$144.00	\$148.00	per lot
Urgent – 2 business days	\$287.00	\$295.00	per lot
<b>COPY OF CERTIFICATE OF CLASSIFICATION OR FINAL INSPECTION CERTIFICATE</b>			
Copy of Certificate	\$144.00	\$148.00	each
<b>VIEWING OF BUILDING FILES</b>			
All others		No charge	only
Where a file has to be retrieved from archives or off site storage location	\$171.00	\$176.00	only
<b>FORM 19 INFORMATION REQUEST</b>			
Information about previous building inspections can be obtained by ordering a Part C response.			
Part A	\$163.00	\$168.00	each
Part B	\$163.00	\$168.00	each
Part C	\$163.00	\$168.00	each

Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
<b>COPYING OF DOCUMENTS</b>			
A4 black and white	\$0.90	\$1.00	per page
A3 black and white	\$1.20	\$1.30	per page
A4 colour	\$2.80	\$2.90	per page
A3 colour	\$4.20	\$4.30	per page
Other		Price on application	per page
<b>PLANNING DOCUMENTS</b>			
<b>BUNDABERG REGION PLANNING SCHEME</b>			
Hard Copy (excluding zoning, overlay and plans for trunk infrastructure maps)		\$271.00 plus postage	each
Soft copy – on CD/USB/EMAIL including all maps	\$50.00	\$52.00	each
<b>SUPERSEDED PLANNING SCHEMES</b>			
Hard copy of former Bundaberg City, Burnett, Kolan or Isis Planning Schemes	\$205.00	\$211.00	each
Soft copy – on CD/USB/EMAIL	\$22.00	\$23.00	each
<b>ALL OTHER DOCUMENTS</b>			
At the rates listed under Searches, Certificates and Information Requests		As listed	

Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
<b>COMMERCIAL FEES &amp; CHARGES</b>			
<b>ADMINISTRATION</b>			
<b>CHEQUE FEES</b>			
Dishonoured Cheque Fee	\$42.00	\$44.00	each
Unpresented cheque fee – cheques greater than 6 months old that need to be cancelled and reissued	\$68.00	\$70.00	each
<b>PUBLICATIONS</b>			
Centenary – Shire of Kolan	\$5.30	\$5.50	each
Gooburru 1886-1986	\$7.30	\$7.50	each
<b>GIS / MAPS / PLANS / DIGITAL DATA</b>			
<b>MAPS, PLANS, DESIGNS, ETC.</b>			
<b>SERVICE CHARGES</b>			
Custom Map Production (Not at standard GTX Print out) per hour but charged in 15 minute blocks.	\$108.00	\$111.00	each
<b>STANDARD MAPS (COLOUR OR BLACK &amp; WHITE)</b>			
<b>CADASTRAL MAP (PRINT OUT FROM GTX)</b>			
Standard cadastral map includes road easements, property boundaries, street names and house numbering.			
A4 Map	\$7.00	\$7.20	each
A3 Map	\$14.00	\$15.00	each
<b>ORTHOPHOTO MAPS (STANDARD PRINT OUT FROM GTX)</b>			
Standard Orthophoto Maps includes orthorectified aerial imagery, property boundaries, street names and house numbering.			
<b>CITY STREET MAPS</b>			
A0 Map – Greyscale	\$21.00	\$22.00	each
A0 Map – Colour	\$37.00	\$38.00	each
A0 Map – PDF	\$21.00	\$22.00	each
A3 BRC Street Index – PDF	\$20.00	\$21.00	each
Printed Kolan District Road Map 2004 – Colour	\$5.00	\$5.20	each
Printed Kolan District Road Map 2007 – Colour	\$7.00	\$7.20	each

Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
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### NON-STANDARD MAPS

Data not contained within GTX or larger map size required (i.e. A2 to A0)

Plus Data Processing & Manipulation Fees

A4 Map (Custom Map Production Fee also applies. Estimate supplied at time of enquiry)	\$16.00	\$7.20	each
A3 Map (Custom Map Production Fee also applies. Estimate supplied at time of enquiry)	\$21.00	\$15.00	each
A2 Map (Custom Map Production Fee also applies. Estimate supplied at time of enquiry)	\$21.00	\$22.00	each
A1 Map (Custom Map Production Fee also applies. Estimate supplied at time of enquiry)	\$30.00	\$31.00	each
A0 Map (Custom Map Production Fee also applies. Estimate supplied at time of enquiry)	\$37.00	\$38.00	each

### GLOSS PAPER – ADDITIONAL CHARGE

An additional charge for a request to print on gloss paper. This charge is in addition to the standard production charge.

### DIGITAL DATA

All contour and aerial photography data can be purchased from the Department of Natural Resources and Mines by contacting [SiProductDelivery@dnrm.qld.gov.au](mailto:SiProductDelivery@dnrm.qld.gov.au) or visit: <https://www.business.qld.gov.au/business/support-tools-grants/services/mapping-data-imagery/data/digital-topographic> for further information including prices.

Additional data can be downloaded from <http://qldspatial.information.qld.gov.au/catalogue/>

All the fees listed in this section are for the cost of data only. The cost of media (CD or DVD) and Service Charges (cost of Data Processing per hour or part thereof), will be charged in addition to these fees.

### AIRPORT

#### PASSENGER FACILITATION CHARGE

Regular Public Transport (RPT) Services (Embarking and Disembarking passengers)	Determined by valuation and a commercial agreement		each
Charter or other Aircraft (Embarking and Disembarking passengers) – unless commercial-in-confidence arrangements apply.	\$25.00	\$26.00	each

#### SECURITY SCREENING

Airport Security – Passenger and Baggage Screening – RPT Airlines – processing passengers through terminal	Determined by valuation and a commercial agreement		each
Airport Screening – Passenger & Baggage Screening – Chartered flights – processing passengers through terminal	\$13.75	\$14.00	each

Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
<b>AIRPORT CHARGES – AIRCRAFT LANDING FEES</b>			
Landing Charge for aircraft up to 999kg MTOW		No charge	each
Landing charge for aircraft 1,000kg to 40,000kg MTOW – pro rata per landing	\$12.50	\$13.00	per tonne or part thereof
Note: All non-exempt aircraft with MTOW of greater than 1,000kgs pay landing fees per tonne or part thereof with the first 1,000kg exempt.			
Landing Charge for aircraft 40,001kg MTOW or greater – fixed fee per landing	\$478.00	\$490.00	each
Landing Charge for aircraft – touch-and-go, 1500kg or greater – landing fee applies for a full stop landing		No charge	
Exempt Aircraft – Child Flight, Angel Flight, Sunshine Coast Community Helicopter Rescue and other special events as approved by Council		No charge	
<b>RPT APRON PARKING – FACILITIES USE FEES</b>			
RPT and charter aircraft parking, with Bay allocation arranged/approved by prior notice		By arrangement	
RPT Apron parking, for non-RPT aircraft, including light aircraft without a prior notice approval	\$29.00	\$30.00	per hour
RPT Apron parking for non-RPT aircraft including light aircraft without a prior notice approval	\$262.00	\$269.00	per day
<b>DEFENCE MOVEMENTS</b>			
MTOW of 1500kg or greater		Collected by AAA	per tonne or part thereof
<b>AIRPORT CHARGES – AIRCRAFT PARKING</b>			
GA Area light aircraft parking fees – licence over an allocated parking position for 1 year	\$626.00	\$645.00	per annum
GA and light aircraft parking fees – monthly rate for random parking on a non-leased site	\$70.00	\$72.00	per month
GA and light aircraft parking fees – weekly rate for random parking on non-leased site	\$20.00	\$21.00	per week
GA and light aircraft parking fees for parking on a leased/licenced site not being the assigned site for the occupying aircraft (as identified by the registration markings)	\$120.00	\$123.00	per day
GA and light aircraft parking fees – daily rate for random parking on non-leased site	\$6.00	\$7.00	per day

Name	Year 17/18 Fee (incl. GST)	Year 18/19 Fee (incl. GST)	Unit
<b>PUBLIC CAR PARKING</b>			
0-1 hours		Free	
1-2 hours	\$3.00	\$3.00	flat rate
2-3 hours	\$4.00	\$4.00	flat rate
3-4 hours	\$5.00	\$5.00	flat rate
4-5 hours	\$7.00	\$7.00	flat rate
5-6 hours	\$9.00	\$9.00	flat rate
12-24 hours	\$14.00	\$14.00	flat rate
6-12 hours	\$12.00	\$12.00	flat rate
2 days	\$27.00	\$27.00	flat rate
3 days	\$40.00	\$40.00	flat rate
4 days	\$53.00	\$53.00	flat rate
5 days	\$66.00	\$66.00	flat rate
6 days	\$79.00	\$79.00	flat rate
7 days	\$83.00	\$83.00	flat rate
Pricing is capped per day thereafter	\$12.00	\$12.00	per day
Lost ticket in paid parking area	\$83.00	\$83.00	each
Rental car allocated parking (terminal car park)	\$1,253.00	\$1,253.00	per bay
Rental car remote parking lot – Passenger Vehicle	\$686.00	\$686.00	per bay
Rental car remote parking lot – Small Truck or Bus (GVM less than or equal to 4.5 tonnes)	\$860.00	\$860.00	per bay
Rental car remote parking lot – Small Truck or Bus (GVM great than 4.5 tonnes)		By arrangement	per bay
<b>OTHER FEES AND CHARGES</b>			
Airside activities charges – airside supervision	\$65.00	\$67.00	per hour
Gate access (Gate 6) – replacement and new keys issued (includes \$50 bond)	\$83.00	\$85.00	each
Gate access (Jabiru) – replacement and new keys issued (includes \$50 bond)	\$165.00	\$170.00	each
Swipe cards for building or airside selective access (free to airline ground handling services)	\$78.00	\$80.00	each
Replacement (front of terminal) access label for authorised vehicles e.g. taxi or shuttle bus	\$30.00	\$31.00	each

Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
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### AIRPORT COMMERCIAL FEES

Airline check-in lease – per desk		Determined by valuation and a commercial agreement	per month
Rental car desk lease – per desk	\$359.00	\$360.00	per month
Concessionaire leases		Determined by valuation and a commercial agreement	
GA Hangars – ground rental of site leases	\$9.00	\$9.50	per metre
Hangar 161 occupancy leases		Determined by valuation and a commercial agreement	
Terminal Building occupancy lease		Determined by valuation and a commercial agreement	
Aviation Industry occupancy lease		Determined by valuation and a commercial agreement	
Royal Flying Doctor Service Queensland Ambulance Service		Determined by valuation and a commercial agreement	

### ART GALLERY

#### COMMISSION

Groups that conduct self-managed selling activities in the Access Studio will be exempt of the commission charge in lieu of providing an agreed service to the Art Gallery

Commission charged on all sales of artwork	25%	25% commission – each
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#### GENERAL

Hire of Artist in Residence Apartment – One Off Cleaning Fee	\$0.00	\$22.00	Per Booking
One off cleaning fee to be charged per booking.			
Hire of Artist in Residence Apartment – Per night	\$49.00	\$51.00	per night
Hire of frames per frame	\$3.00	\$3.10	per day
Hire of easels (each)	\$4.00	\$4.10	per day
Hire of plinths (each)	\$4.00	\$4.10	per day

#### HIRE OF GALLERY ONE

BRAG Hire is either for the Ground Floor or Level One, not both.

Weekday evening hire is available between the hours of 5:00pm – 9:30pm (Setup may commence from 4:00pm, pack-up must be completed by 9:30pm)

Weekend evening hire is available between the hours of 1:00pm – 9:30pm (setup may commence from 12:00pm, pack-up must be completed by 9:30pm)

Requests to hire whole of building must be submitted in writing to the gallery for consideration.

Hire of Gallery One for weekday evening function for functions with 30 guests or less	\$103.00	\$106.00	per hour
Hire of Gallery One for weekday evening function for 30-100 guests	\$205.00	\$211.00	per hour
Hire of Gallery One for weekday evening function for 100-300 guests	\$319.00	\$327.00	per hour
Hire of Gallery One for weekend evening function for up to 30 guests	\$137.00	\$141.00	per hour
Hire of Gallery One for weekend evening function for 30 – 100 guests	\$273.00	\$280.00	per hour
Hire of Gallery One for weekend evening function up to 100 – 300 guests	\$409.00	\$420.00	per hour

Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
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### HIRE OF ACCESS STUDIO, MONDAY – SUNDAY, DAY TIME OR EVENING

Hire is available between the hours of 9:00am – 9:30pm including set-up and pack-down.

For Artist Use (no commercial gain) Access Studio Hire Fee will be waived if Equipment Hire Fee applies (Printing Press/es)

### HIRE OF CHILDERS ART SPACE

#### GALLERY

Weekday evening hire is available between the hours of 4:30pm – 9:00pm (Setup may commence from 4:00pm, pack-up must be completed by 9:00pm)

Weekend evening hire is available between the hours of 3:30pm – 9:00pm (setup may commence from 3:00pm, pack-up must be completed by 9:00pm)

Monday to Friday evening up to 30 guests	\$71.00	\$73.00	per hour
Monday to Friday evening 30-100 guests	\$142.00	\$146.00	per hour
Monday to Friday evening 100-200 guests	\$213.00	\$219.00	per hour
Saturday & Sunday evening up to 30 guests	\$142.00	\$146.00	per hour
Saturday & Sunday evening 30-100 guests	\$213.00	\$219.00	per hour
Saturday & Sunday evening 100-200 guests	\$284.00	\$292.00	per hour

### THE BALCONY

Fees are for Monday to Sunday day – during business hours.

#### EQUIPMENT

### BRAG MEETING ROOM

Fee is for any hire between 0 Hours to 8 Hours

Hire of BRAG Meeting Room	\$10.00	\$11.00	per day
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### BUILDING

#### COMPETITIVE BUILDING FEES – PART A

These fees are confidential and are not to be released because of competitive nature.

(a) To enable Councils Building Certification Group to complete with Private Certifiers and to provide for great flexibility in the pricing of fees for Developments, Council acknowledges the following fees as a general basis of charging and authorises Council Building Certifiers to price application fees on merit. The pricing structure is to be based upon floor area, number of storeys, assessment time, travel distance and inspections required for individual applications in a manner similar to that used in development the base charges outlined hereafter.

(b) For the purpose of calculating the fee chargeable for a Building Approval for the erection of new structure, the area shall be the gross area of the structure measure outside the external walls and including the area of any veranda, pergola or roofed terrace.

(c) For the purpose of calculating the fee chargeable for a Building Approval for alterations and/or additions to an existing structure, the gross area shall be deemed to be the area of all room, compartments, or verandas, proposed to be altered or added, measured outside the external walls, if any, including soffits.

(d) When, in the opinion of the Building Certifier, a building is such that the measurements of its floor area do not provide an equitable basis of assessment of building fees, the Council may assess special building fees of such amount as are considered reasonable.

(e) For the purpose of calculating fees, a car parking area under a multi-unit building shall be considered a storey.

continued on next page ..



Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
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### COMPETITIVE BUILDING FEES – PART A [continued]

(f) The following fees are inclusive of GST (Note: The Lodgement Fee is not included but is to be added to fee calculated).

Registered Non-profit Organisations

The applicable assessment fee for development applications, referrals, requests or other applications under Chapter 3 of the Planning Act 2016, for Registered Non-profit Organisations, will be subject to the provisions of Section 38 and 40 of the Planning Regulation 2017.

The applicable assessment fee for development applications, referrals, requests or other applications under Chapter 3 of the Planning Act 2016, for Registered Non-profit Organisations, will be subject to the provisions of Section 38 and 40 of the Planning Regulation 2017.

#### CLASS 1A (DWELLING, DUPLEX, TOWNHOUSE)

First 100m2 For a house up to 100m2 (includes 4 inspections)	\$1,250.00	\$2,843.75	each
101m2 to 200m2 For a house between 101m2 – 200m2 (includes 4 inspections)	\$1,534.00	\$3,490.00	each
For each m2 over 201m2 For a house over 201m2 (includes 4 inspections)	\$1,704.00	\$3,880.00	each

#### CLASS 1A (ADDITIONS)

Fee Includes 2 inspections	\$796.00	\$1,815.00	each
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#### PATIOS (ENGINEERED)

Minimum Fee Includes 2 inspections	\$596.00	\$1,360.00	each
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#### PATIOS (OTHERS)

Minimum Fee	\$704.00	\$1,605.00	each
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#### ENCLOSED ADDITIONS

Fee	\$739.00	\$1,685.00	each
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#### DEMOLITION/REMOVAL FROM SITE

Fee Includes 1 inspection	\$398.00	\$910.00	each
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Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
<b>CHANGE OF CLASSIFICATION</b>			
Where changing to a Class 1A or Class 10A Includes 1 inspection	\$740.00	\$1,685.00	each
All others Includes 2 inspections	\$1,704.00	\$3,880.00	each
<b>CLASS 10A BUILDINGS</b>			
<b>NEW BUILDINGS/ADDITIONS– WITH ENGINEERING CERTIFICATES</b>			
Fee Includes 2 inspections	\$595.00	\$1,355.00	each
<b>NEW BUILDINGS/ADDITIONS – WITHOUT ENGINEERING CERTIFICATES</b>			
Fee Includes 2 inspections	\$704.00	\$1,605.00	each
<b>LAWNLOCKERS &amp; FERNERIES</b>			
Lawnlocker Fee only applies where an application is required by the Building Act.			
Currently, where a lawnlocker is located in a Wind Region C (tropical cyclone area) mentioned in AS 1170.2 SAA Wind Loading Code or a lawnlocker is located outside of Wind Region C and is larger than 10 square metres or has a height of more than 2.4 metre or has a mean height of more than 2.1m or has any side is longer than 5m – Building Regulation 2006, Schedule 1.			
Fee Includes 1 inspection	\$341.00	\$780.00	each
<b>RETAINING WALLS</b>			
Fee	\$569.00	\$1,295.00	each
<b>SWIMMING POOL</b>			
Fee Includes 1 inspection	\$569.00	\$1,295.00	each
<b>TEMPORARY FENCE INSPECTION</b>			
Fee	\$216.00	\$492.00	each
<b>ADVERTISING SIGNS</b>			
Fee Includes 1 inspection	\$399.00	\$910.00	each

Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
<b>NEW CLASS 1 (OTHER THAN CLASS 1A) TO CLASS 9</b>			
Fee	\$1,704.00	\$3,880.00	each
Includes 2 inspections			
<b>ADDITIONS TO CLASS 1 (OTHER THAN CLASS 1A) TO CLASS 9</b>			
Fee	\$1,704.00	\$3,880.00	each
Includes 2 inspections			
<b>SHOP FITOUT</b>			
Fee	\$524.00	\$1,195.00	each
Includes 1 inspection			
<b>COMPETITIVE BUILDING FEES – PART B</b>			
These fees are not subject to an additional lodgement fee.			
<b>BUILDING INSPECTION FEE</b>			
Additional Inspection Fee (e.g. follow-up inspection, additional inspection stage)	\$217.00	\$494.00	each
At request of Private Certifier	\$217.00	\$494.00	each
<b>POOL INSPECTIONS</b>			
<b>POOL COMPLIANCE INSPECTION</b>			
Note: This is NOT a Pool Safety Inspection fee. However, at the discretion of the Development Assessment Manager, this fee may be used in conjunction with other Pool Safety Inspection Fees			
Fee	\$569.00	\$1,295.00	each
<b>POOL SAFETY INSPECTION</b>			
Note: The cost of the State Government's Pool Safety Certificate Number must be added to the cost of the Pool Safety Inspection			
Fee	\$341.00	\$780.00	each
Re-inspection (follow-up after issue of Nonconformity Notice)	\$171.00	\$390.00	each
<b>EXTENSION TO CURRENCY PERIO (PERCENTAGE OF CURRENT FEE)</b>			
<b>CLASS 1A (NEW – DETACHED DWELLING, DUPLEX, TOWNHOUSES)</b>			
Fee	\$228.00	\$520.00	each
<b>CLASS 1-9 BUILDINGS (NEW &amp; ADDITIONS – EXCLUDING DETACHED DWELLINGS, DUPLEX, TOWNHOUSES)</b>			
Fee	\$228.00	\$520.00	each

Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
<b>CLASS 1A (ADDITIONS – DETACHED DWELLING, DUPLEX, TOWNHOUSES)</b>			
Fee	\$228.00	\$520.00	each
<b>CLASS 10 BUILDINGS OR STRUCTURES</b>			
Fee	\$228.00	\$520.00	each
<b>ONSITE ASSESSMENTS</b>			
Determination of Bushfire Attack Level (including issue of Form 15)	\$626.00	\$1,425.00	each
<b>LODGEMENT OF AMENDED PLAN (MINIMUM FEE)</b>			
<b>CLASS 1A AND 10</b>			
Fee	\$171.00	\$390.00	each
<b>CLASS 1 (EXCLUDING CLASS 1A) TO 9 – MINOR</b>			
Fee	\$319.00	\$730.00	each
<b>CLASS 1 (EXCLUDING CLASS 1A) TO 9 – MAJOR</b>			
Fee	\$1,051.00	\$2,395.00	each
<b>LODGEMENT FEE</b>			
Fee	\$147.00	\$151.00	each
Based on detailed cost evaluation			
<b>CERTIFICATE OF CLASSIFICATION FOR A CLASS 2 TO CLASS 9 BUILDING ERECTED PRIOR TO THE COMMENCEMENT OF THE BUILDING ACT 1975</b>			
Fee	\$541.00	\$1,235.00	each
Includes 1 inspection			

Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
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## CEMETERIES

If a provision is not listed a fee will be determined by Council at that time.

NOTE 1: If additional equipment and manpower is required to prepare a grave – costs will apply on an hourly basis determined at the time of requirement.

NOTE 2: Monumental Fee and/or Conversion Fee to be added if not paid previously.

NOTE 3: No reserving Plots in RSL Lawn.

NOTE 4: Funeral Directors are to phone Cemetery Administration for confirmation of time availability prior to completing the funeral arrangements. Application for Interment/Placement (IMS Doc: FM-7-073) are to be sent to the Cemetery Office for acknowledgement & confirmation of arrangements.

NOTE 5:

- (a) For all new graves – 6 working hours notice is to be given.
- (b) For reopening of grave in Lawn Sections – 6 working hours notice is to be given.
- (c) For opening or reopening of grave in General Sections – 18 working hours notice is to be given.
- (d) For ashes interment in Lawn Sections – 4 working hours notice is to be given.
- (e) For ashes interment in all other Sections – 12 working hours notice is to be given.

NOTE 6: Reserves in Rock Gardens do not have a reserve plaque.

NOTE 7: Headstone Inspections fee is included in all new lawn prices.

NOTE 8: Funeral Directors are to ensure that the mourners leave the gravesite area without delay to enable the backfill to be completed.

## ALL CEMETERIES

### GENERAL CEMETERY GRAVE RESERVATIONS

Reserve Single Plot – 2.7 metres x 1.2 metres	\$1,004.00	\$1,030.00	each
Reserve Double Plot – 2.7 metres x 2.4 metres	\$1,823.00	\$1,870.00	each

### GENERAL CEMETERY SECTIONS – PRIVATE & PUBLIC (SEE NOTE 1, 2, 4 & 5)

Single New Grave – 1 Burial only (depth 1.5 metres) (paupers)	\$1,481.00	\$1,520.00	each
Single New Grave – 1st Burial only – up to two Burials	\$1,916.00	\$1,965.00	each
Double New Grave – 1st Burial – Up to four Burials	\$2,202.00	\$2,260.00	each
Private Opening – 1st Burial – Single & Double (See Note 1 & 2)	\$1,823.00	\$1,870.00	each
Private Opening with Ledger – 1st Burial -Single & Double (See Note 1)	\$2,012.00	\$2,065.00	each
Private Opening with Concrete – 1st Burial – Single & Double (See Note 1)	\$2,244.00	\$2,305.00	each
Private Re-open – Single & Double (See Note 2)	\$1,481.00	\$1,520.00	each
Private Re-open with Ledger – Single & Double	\$1,688.00	\$1,735.00	each
Private Re-open with Concrete – Single & Double	\$1,891.00	\$1,940.00	each
Public Re-open converted to Private – 2nd Burial	\$1,592.00	\$1,635.00	each
Interment in Vault (Not applicable Childers & Gin Gin)	\$212.00	\$220.00	each

### CHILDREN'S (SEE NOTE 4 & 5)

Children's Burial to 5 year – 1st Burial – Purchased Private	\$723.00	\$723.00	each
Re-open Children's Burial to 5 years – Public to Private (See Note 2)	\$683.00	\$683.00	each
Re-open Children's Burial to 5 years – Private	\$504.00	\$504.00	each

Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
<b>RESERVES (VAULTS BUNDABERG ONLY)</b>			
Reserve Vault Ground – Single – 2.7 metres x 1.2 metres	\$1,217.00	\$1,250.00	each
Reserve Vault Ground – Double – 2.7 metres x 3 metres	\$2,126.00	\$2,180.00	each
<b>LAWN CEMETERY SECTION – HEADSTONES ARE TO BE ERECTED WITHIN 6 MONTHS OF INTERMENT</b>			
<b>LAWN (SEE NOTE 4 &amp; 5)</b>			
New Lawn Grave – 1st Burial (Up to 2 burials) – including vases	\$2,168.00	\$2,225.00	each
New Lawn Grave selected for Burial – 1st Burial – Machine dug at time selected	\$2,411.00	\$2,475.00	each
Open Reserve Plot for 1st Burial	\$1,481.00	\$1,520.00	each
Re-Open for 2nd Burial	\$1,481.00	\$1,520.00	each
Reservation of Plot – Up to two Burials (See Note 3) Machine dug at time of reservation	\$1,481.00	\$1,520.00	each
<b>CHILDREN'S – HEADSTONES ARE TO BE ERECTED WITHIN 6 MONTHS OF INTERMENT (SEE NOTE 4 &amp; 5)</b>			
New Children's Lawn to 5 years – 1st Burial – Up to two Burials – including vases	\$977.00	\$977.00	each
Re-open children's Lawn to 5 years	\$504.00	\$504.00	each
Remembrance Plaque (100mm x 100mm)	\$373.00	\$385.00	each
<b>ASHES SECTIONS</b>			
<b>BUNDABERG COLUMBARIUM – ALL INCLUDE COST OF PLAQUE (SEE NOTE 4 &amp; 5)</b>			
Single Niche – Includes cost of plaque & key	\$1,212.00	\$1,245.00	each
Double Niche – Includes cost of plaque & key	\$1,345.00	\$1,380.00	each
Dual Placement in Double Niche – Includes cost of plaque & key	\$1,447.00	\$1,485.00	each
2nd Placement – Includes cost of plaque	\$847.00	\$870.00	each
Placement in Single Reserve – Includes cost of plaque	\$847.00	\$870.00	each
Placement in Double Reserve – Includes cost of plaque	\$994.00	\$1,020.00	each
Removal & Transfer – Ashes	\$256.00	\$265.00	each
Reservation – Single Niche	\$563.00	\$580.00	each
Reservation – Double Niche	\$659.00	\$680.00	each
Key to Columbarium	\$19.00	\$20.00	each
Photos – Ceramic	\$141.00	\$145.00	each
Photos – Plaque overlay	\$141.00	\$145.00	each

Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
<b>MEMORIAL WALLS – ALL INCLUDE COST OF PLAQUE (SEE NOTE 4 &amp; 5)</b>			
Single Niche – Includes cost of plaque	\$1,212.00	\$1,245.00	each
Double Niche – Includes cost of plaque	\$1,345.00	\$1,380.00	each
Single/double Niche granite back plate – includes cost of plaque	\$1,916.00	\$1,965.00	each
Family Niche granite back plate – includes cost of plaque	\$3,060.00	\$3,140.00	each
Reservation – Single Niche	\$563.00	\$580.00	each
Reservation – Double Niche	\$659.00	\$680.00	each
Reservation – Single/Double Niche granite back plate	\$886.00	\$910.00	each
Reservation – Family Niche granite back plate	\$1,772.00	\$1,820.00	each
Placement in Reserve – Includes cost of plaque	\$847.00	\$870.00	each
Placement in Reserve – Single/Double Niche granite back plate – includes cost of plaque	\$1,222.00	\$1,255.00	each
Placement in Reserve – Family Niche granite back plate – includes cost of plaque	\$1,396.00	\$1,435.00	each
Second, third and fourth placement Double/Family Niche granite back plate – includes cost of plaque	\$938.00	\$965.00	each
Removal & Transfer – Ashes all Memorial Walls	\$256.00	\$265.00	each
Remembrance Plaque (150mm x 100mm)	\$504.00	\$520.00	each
Photos – Ceramic	\$141.00	\$145.00	each
Photos – Plaque overlay	\$141.00	\$145.00	each
<b>ROCK GARDENS – INCLUDES COST OF PLAQUE (SEE NOTE 4, 5 &amp; 6)</b>			
P1	\$1,570.00	\$1,610.00	each
P1 – 2nd Placement	\$1,183.00	\$1,215.00	each
P1 – Reserve	\$836.00	\$860.00	each
P2	\$1,943.00	\$1,995.00	each
P2 – 2nd Placement	\$1,183.00	\$1,215.00	each
P2 – Reserve	\$965.00	\$990.00	each
P3	\$2,299.00	\$2,360.00	each
P3 – 2nd Placement	\$1,212.00	\$1,245.00	each
P3 – Reserve	\$1,131.00	\$1,160.00	each
P4	\$2,774.00	\$2,845.00	each
P4 – up to 4 placements	\$1,249.00	\$1,285.00	each
P4 – Reserve	\$1,636.00	\$1,680.00	each
P5	\$4,527.00	\$4,645.00	each
P5 – 4 or more placements	\$2,281.00	\$2,340.00	each
P5 – Reserve	\$2,029.00	\$2,080.00	each
P5 – Feature Position	\$5,110.00	\$5,240.00	each
P5 – Feature Position Reserve	\$3,322.00	\$3,410.00	each
Main Feature Rock	\$6,424.00	\$6,585.00	each
Main Feature Rock – 4 or more placements	\$2,278.00	\$2,335.00	each
Main Feature Rock Reserve	\$5,068.00	\$5,195.00	each
Dual Placement of Ashes	\$107.00	\$110.00	each
Removal & Transfer – Ashes	\$281.00	\$289.00	each
Photos – Ceramic	\$141.00	\$145.00	each
Photos – Plaque overlay	\$141.00	\$145.00	each

Name	Year 17/18 Fee (incl. GST)	Year 18/19 Fee (incl. GST)	Unit
<b>ROSE GARDENS &amp; OTHER PLAQUES ARE TO BE ERECTED WITHIN 6 MONTHS OF INTERMENT (SEE NOTE 4 &amp; 5) (EXCLUDES 3.1.1.4.3)</b>			
Ashes Interment – Plus cost of granite plaque	\$699.00	\$720.00	each
2nd Interment – Plus cost of granite plaque	\$342.00	\$350.00	each
Dual Interment – Plus cost of granite plaque	\$818.00	\$840.00	each
Interment in Reserve – Plus cost of granite plaque	\$339.00	\$350.00	each
Removal & Transfer – Ashes	\$281.00	\$290.00	each
Reservation – All are doubles	\$365.00	\$375.00	each
<b>ASHES – OTHER (SEE NOTE 4 &amp; 5)</b>			
Ashes Interment – in Lawn	\$281.00	\$290.00	each
Ashes Interment – in General (soil only) (See Note 2)	\$281.00	\$290.00	each
Ashes Interment – Breaking Concrete pathways (See Note 1 & 2)	\$462.00	\$475.00	each
Ashes Interment – Under Concrete monuments (See Note 1 & 2)	\$431.00	\$445.00	each
Ashes Interment – Breaking Concrete monuments (See Note 1 & 2)	\$458.00	\$470.00	each
Removal & Transfer – Lawn & General (soil only)	\$281.00	\$289.00	each
Removal & Transfer – in General Section		Fee to be determined by Council at that time (\$342 minimum)	each
<b>ASHES INTERNMENT – IN COFFIN AT THE TIME OF A BURIAL (FM-7-074 CEMETERY DECEASED INFORMATION FORM REQUIRED)</b>			
Discretionary Scattering	\$136.00	\$140.00	each
Discretionary Scattering & Remembrance Plaque (150mm x 100mm)	\$627.00	\$645.00	each
Dual Placement of Ashes	\$109.00	\$115.00	each
<b>MEMORIALS – FORESHORE &amp; OTHER AREAS</b>			
Bench Seat with plaque (standard size of plaque 180mm x 180mm)	\$2,410.00	\$2,475.00	each
Table with bench seats and plaque (standard size of plaque 180mm x 180mm)	\$4,015.00	\$4,120.00	each
Photos – Plaque overlay	\$141.00	\$145.00	each
<b>RETURN SERVICES SECTION – OFFICIAL AUSTRALIAN WAR GRAVE PLAQUES SUPPLIED BY VETERAN AFFAIRS</b>			
<b>RETURN SERVICE SECTION – GENERAL</b>			
New Grave – Up to 2 Burials	\$1,935.00	\$1,935.00	each
Re-Open	\$1,481.00	\$1,481.00	each
Re-Open with Ledger	\$1,688.00	\$1,688.01	each
Re-open with Concrete	\$1,891.00	\$1,891.00	each
<b>RETURN SERVICE SECTION – LAWN</b>			
Lawn Grave – Up to two Burials – Includes 2 vases in beam	\$2,168.00	\$2,168.00	each
Re-Open	\$1,481.00	\$1,481.00	each



Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
<b>RETURN SERVICE SECTION – ASHES – ALL ARE SINGLE PLACEMENTS</b>			
Memorial Wall – single niche – OAWG plaque supplied by Veteran Affairs (refer to 3.1.1.3.2 for non OAWG)	\$804.00	\$804.00	each
Rock Garden – OAWG plaque supplied by Veteran Affairs (refer to 3.1.1.3.3 for non OAWG)	\$804.00	\$804.00	each
Rose Garden – OAWG plaque supplied by Veteran Affairs (refer to 3.1.1.3.4 for non OAWG)	\$701.00	\$701.00	each
Ashes Interment – in RSS Lawn	\$281.00	\$281.00	each
Ashes Interment – in RSS General (soil only) (See Note 2)	\$281.00	\$281.00	each
<b>EXHUMATIONS (DOES NOT INCLUDE GOVERNMENT FEES)</b>			
Lawn Sections	Fee to be determined by Council at that time (\$3797 minimum)		each
General Sections	Fee to be determined by Council at that time (\$3797 minimum)		each
<b>PERMISSION TO ERECT – MONUMENT – HEADSTONES – ENCLOSE PRIVATE GRAVES</b>			
General Grave	\$256.00	\$256.00	each
Vault	\$469.00	\$469.00	each
Lawn Headstone Inspection Fee	\$82.00	\$82.00	each
<b>CONVERSION, TENDING GRAVES, OVERSIZE GRAVES &amp; SHORT NOTICE</b>			
Convert Grave from Public to Private	\$212.00	\$212.00	each
American Type Casket and extra width Coffin	\$249.00	\$249.00	each
Sinking Graves over 1.8 metres (Maximum 2.43 metres)	\$249.00	\$249.00	each
Tending Graves per annum 2.7 metres x 1.2 metres	\$147.00	\$147.00	each
Tending Graves per annum 2.7 metres x 2.4 metres	\$212.00	\$212.00	each
Tending Graves per annum 2.7 metres x 3.6 metres	\$234.00	\$234.00	each
Short Notice for Burials	\$227.00	\$227.00	each
<b>WEEKEND &amp; PUBLIC HOLIDAYS AFTER HOURS</b>			
Interment After Hours	\$227.00	\$227.00	each
After Hours Burial Confirmations	\$249.00	\$249.00	each
<b>ASHES</b>			
Saturday	\$308.00	\$308.00	each
Sunday and All Public Holidays	\$439.00	\$439.00	each
<b>BURIAL</b>			
Saturday	\$760.00	\$760.00	each
Sunday and All Public Holidays	\$1,372.00	\$1,372.00	each

Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
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### SEARCH & OTHER FEES

Inspection or extracts from Burial Register Copy	\$54.00	\$54.00	each
Inspection of Plans	\$38.00	\$38.00	each
Copy of Plans (Where available)	\$54.00	\$54.00	per copy
Certificate of Right of Burial	\$54.00	\$54.00	each
Search Fee – walk in	\$17.00	\$17.00	each
Search Fee – printout	\$12.00	\$12.00	each
Surname Search	\$28.00	\$28.00	each
Computer Photo – printout	\$6.10	\$6.10	each
JPEG Image	\$9.60	\$9.60	each
Extra Images	\$2.40	\$2.40	each
Monumental Assistance i.e. backhoe	\$118.00	\$118.00	each

### COMMUNITY CARE

#### SENIORS HOUSING UNITS AND RESIDENTIAL AGED CARE

Rental for Seniors Village Housing in accordance with Department of Housing Queensland and Social Housing Rent Policy. Rent is calculated from income assessment and market value whichever is cheaper.

#### MARGARET OLSEN PLACE

Units 1/65 to 12/65 and 1/31 to 17/31 – per State Government Community Housing Rent Policy (Single tenant)	Dependent upon income test	per unit, per week
Units 1/28 to 8/28 – per State Government Community Housing Rent Policy (Couple)	Dependent upon income test	per unit, per week
Units 18/31 to 29/31 – per State Government Community Housing Rent Policy (Single Tenant)	Dependent upon income test	per unit, per week
Units 18/31 to 29/31 (Tenant Couple)	Dependent upon income test	per unit, per week
Units 1/65 to 12/65 and Units 1/31 to 17/31 per State Government Community Housing Rent Policy (Tenant Couple)	Dependent upon income test	per unit, per week
Units 1/28 to 8/28 per State Government Community Housing Rent Policy (Single Tenant)	Dependent upon income test	per unit, per week

#### KOLAN CENTENARY SENIORS VILLAGE

Unit 17/3 to 20/3 (Tenant Couple)	Dependent upon income test	per unit, per week
Units 7/3 to 16/3 (Single Tenant)	Dependent upon income test	per unit, per week
Unit 1/3 to 6/3 (Tenant Couple)	Dependent upon income test	per unit, per week
Unit 7/3 to 16/3 (Tenant Couple)	Dependent upon income test	per unit, per week
Unit 1/3 to 6/3 (Single Tenant)	Dependent upon income test	per unit, per week
Unit 17/3 to 20/3 (Single Tenant)	Dependent upon income test	per unit, per week

Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
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#### KOLAN GARDENS AGED CARE FACILITY

Daily Care fees per Federal Government Policy			As per policy
Concessional fees per Federal Government Policy and Asset Testing			
Funded Respite Room per Government Policy			
Non Funded respite room fees determined and retained by Facility Managers per Lease Agreement			
Accommodation Bonds per Federal Policy			

#### COMMUNITY CARE SERVICES – HOME AND COMMUNITY CARE (HACC) AND DISABILITY SERVICES QUEENSLAND (DSQ) CLIENT TRANSPORT AND HINTERLAND DAY RESPITE

Client Transport – over 15km	\$17.00	\$17.00	per occasion
Client Transport – additional trips exceeding 2 locations	\$2.50	\$2.50	per occasion
Day Program Childers & Gin Gin with transport within 5km	\$17.00	\$17.00	per occasion
Day Program Childers and Gin Gin with transport within 15km	\$20.00	\$20.00	per occasion
Day Program Childers and Gin Gin with transport over 15km	\$24.00	\$24.00	per occasion
Client Transport – up to 5km	\$6.50	\$6.50	per occasion
Client Transport 5km to 15km	\$13.00	\$13.00	per occasion

#### HACC AND DSQ SERVICES

HACC and DSQ Service fees are negotiated with clients in accordance with User Rights Principles, ability of clients to pay and as services are predominantly Government subsidised.

The listed fees are a guide for clients and are generally maximum fees possible. Fees may vary depending on transport needs (distance), if meals are provided at day respite and if contractors are used at cost for home maintenance etc.

Client Service – Personal Care	\$6.50	\$6.50	per occasion
Client Service – Social Support	\$9.50	\$9.50	per hour
Client Service – Domestic Assistance	\$9.50	\$9.50	per hour
Client Service – In Home Respite	\$9.50	\$9.50	per hour

#### GRACIE DIXON RESPITE CENTRE

Daily Fee for Gracie Dixon Day Program	\$17.00	\$17.00	per occasion
Gracie Dixon Day Program Outing no lunch provided	\$14.00	\$14.00	per occasion
Bargara Day Program Sessions	\$9.50	\$9.50	per occasion
Gracie Dixon Day Program Transport within 5km radius	\$3.00	\$3.00	per occasion
Senior Citizens Room up to 4 hours hire of Hall and Kitchen	\$71.00	\$73.00	per half day or night
Senior Citizens Room up to 8 hours hire of Hall and Kitchen – Community Group	\$75.00	\$77.00	per half day or night
Community Group is 50% of Total Hire Fee – excludes Bonds			
Senior Citizens Room Up to 8 hours hire of Hall and Kitchen	\$149.00	\$153.00	per half day or night
Senior Citizens Room up to 4 hours hire of Hall and Kitchen – Community Group	\$36.00	\$37.00	per half day or night
Community Group is 50% of Total Hire Fee – excludes Bonds			

Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
<b>NEIGHBOURHOOD CENTRE (NHC) SERVICES</b>			
Not-for-Profit is 50% of Total Hire Fee – excludes Bonds.			
Schools – 25% off Total Hire Fees – excludes Bonds.			
Gin Gin NHC – General Room Hire (Funded Providers & Commercial)	\$50.00	\$50.00	per occasion
Gin Gin NHC – General Room Hire half day	\$30.00	\$30.00	per half day
Gin Gin NHC – H H Innes Room Hire	\$70.00	\$70.00	per occasion
Gin Gin NHC – H H Innes Room Hire half day	\$40.00	\$40.00	per half day
Gin Gin NHC – SH Flanders Room	\$70.00	\$70.00	per day
Gin Gin NHC – SH Flanders Room Half Day	\$40.00	\$40.00	per half day
Childers NHC – General Room Hire – Commercial rooms 12 Office; and Foyer Office	\$50.00	\$50.00	per day
Childers NHC – General Room Hire – Commercial rooms 12 Office; and Foyer Office half day	\$30.00	\$30.00	per half day
Childers NHC – General Room Hire – Commercial Meeting Room; and Respite Room	\$70.00	\$70.00	per day
Childers NHC – General Room Hire – Commercial Meeting Room; and Respite Room	\$40.00	\$40.00	per half day
Neighbourhood Centre – Photocopy service – single copy A3 colour	\$0.80	\$0.80	per page
Neighbourhood Centre – Photocopy Charges single copy A3 black and white	\$0.40	\$0.40	per page
Neighbourhood Centre – Photocopy Charges – single copy A4 black and white	\$0.20	\$0.20	per page
Neighbourhood Centre – Photocopy charges – Colour A4 single copy	\$0.40	\$0.40	per page
Neighbourhood Centre – Assistance with Resume's	\$5.00	\$5.00	each
Neighbourhood Centres – Facsimile transaction for community	\$3.50	\$3.50	per transaction
Neighbourhood Centre – Laminating A3	\$2.00	\$2.00	each
Neighbourhood Centre – Laminating A4	\$1.00	\$1.00	each
Neighbourhood Centre – Binding	\$2.00	\$2.00	each
<b>ISIS OUTSIDE HOURS SCHOOL CARE</b>			
Isis Outside School Hours Care – After School Session	\$18.00	\$25.00	per occasion
Isis Outside School Hours Care – Vacation Care or Pupil Fee Day Session	\$54.00	\$69.00	per day
Isis Outside School Hours Care – Vacation Care or Pupil Free Day Session	\$29.00	\$36.00	per half day
<b>GIN GIN YOUTH CENTRE</b>			
Commercial Hire – Gin Gin Youth Centre – full day or night	\$90.00	\$93.00	per day or night
Gin Gin Youth Centre – up to 4 hours	\$55.00	\$57.00	per half day or night
Gin Gin Youth Centre – hourly hire charge	\$25.00	\$26.00	per hour
Gin Gin Youth Centre office space	\$50.00	\$52.00	per day
Gin Gin Youth Centre Office Space half day out by 12 noon	\$30.00	\$31.00	per half day
Community Group	\$0.00	\$0.00	per occasion
Cleaning Bond discretionary	\$68.00	\$70.00	per occasion
Key Bond discretionary	\$30.00	\$31.00	per occasion

Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
<b>COMMUNITY EVENTS</b>			
<b>STRATEGIC AND COMMUNITY EVENTS</b>			
Stallholder Fees for Childers Festival (Premium [Blue] Zone [refer Event Map], per 3 x 3 metre site)	\$289.00	\$289.00	per event
Stallholder Fees for Childers Festival (Superior [Pink] Zone [refer Event Map], per 3 x 3 metre site)	\$232.00	\$232.00	per event
Stallholder Fees for Childers Festival (Standard [Green] Zone [refer Event Map], per 3 x 3 metre site)	\$176.00	\$176.00	per event
Stallholder Electricity Charges for Childers Festival	\$20.00	\$20.00	per 10amp supply
Stallholder Fees for all events except Childers Festival – Not-for-Profit Community Groups per 3x3 metre site	\$26.00	\$26.00	per event
Stallholder Fees for all events except Childers Festival – Not-for-profit Community Groups per 6x3 metre site	\$0.00	\$54.00	per event
Stallholder Fees for all events except Childers Festival – Standard site (approx 3 x 3 metre)	\$42.00	\$42.00	per event
Stallholder Fees for all events except Childers Festival – Large Site (6 x 3 metre)	\$82.00	\$82.00	per event
Stallholder Fees for all events except Childers Festival – Large Van or Vehicle site		As assessed	per event
Stallholder Electricity Charges for all events except Childers Festival	\$10.00	\$10.00	per 10amp supply
<b>CIVIC RECEPTIONS &amp; ENTERTAINMENT</b>			
<b>DOG &amp; ANIMAL CONTROL</b>			
<b>FEE FOR REMOVAL OF DEAD ANIMAL</b>			
<b>DAMAGE CAUSED BY ANIMALS TRESPASSING ON PROPERTY</b>			
For every head of horses, cattle, sheep, goats or swine.			
Charges payable for driving any animals to the pound shall be for every head of animal.			
Advertising of impounded animals.			
Enclosed property	\$22.00	\$23.00	each
Enclosed cultivated property	\$70.00	\$72.00	each
Animal delivery Charges	\$7.40	\$7.60	
<b>HIRE OF ANIMAL CONTROL TRAPS</b>			
Cat Trap (maximum of 14 days)	\$30.00	\$31.00	only
Dog Trap (maximum of 14 days)	\$58.00	\$60.00	only
<b>HALLS &amp; OTHER FACILITIES</b>			
<b>BARGARA CULTURAL &amp; COMMUNITY CENTRE</b>			
<b>BONDS</b>			
Not-for-Profit is 50% of Total Hire Fee – excludes Bonds.			
Schools – 25% off Total Hire Fees – excludes Bonds.			
Facility Bond Payable (refund of bond in full is subject to satisfactory condition facility)	\$400.00	\$400.00	only

Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
<b>ALL FACILITIES</b>			
Function Room, Catering Servery, Cultural Foyer, Outdoor Courtyard, Outdoor Bar			
Hourly charge	\$103.00	\$106.00	per hour
Full day and night hire	\$750.00	\$770.00	per day and night
<b>FUNCTION ROOM AND OUTDOOR BAR</b>			
Hourly charge	\$58.00	\$60.00	per hour
Full day and night hire	\$512.00	\$525.00	per day and night
<b>CULTURAL FOYER AND OUTDOOR COURTYARD</b>			
Hourly charge	\$47.00	\$49.00	per hour
Full day and night hire	\$376.00	\$386.00	per day and night
<b>CATERING SERVERY</b>			
Hourly charge	\$37.00	\$38.00	per hour
Full day and night hire	\$221.00	\$227.00	per day and night
<b>OUTDOOR BAR OR OUTDOOR COURTYARD</b>			
Fee applied to each area			
<b>OFFICE SPACE</b>			
Fee applied to each Office hired			
Hourly charge	\$31.00	\$32.00	per hour
Up to 8 hours hire	\$73.00	\$75.00	per day and night
<b>HIRER SET UP AND/OR PACK UP</b>			
Set Up and/or Pack Up	\$125.00	\$129.00	per day or part thereof
<b>STORAGE SHEDS</b>			
Standard fee applies to all types of hirers whether commercial or not-for-profit.			
Key bond	\$55.00	\$55.00	each
Weekly rental	\$36.00	\$37.00	per week
Yearly Rental (Permit to Occupy)	\$299.00	\$307.00	per annum

Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
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### BUXTON HALL (BUXTON STORE IS AGENT FOR BOOKINGS – PHONE 07 4126 7183)

#### BONDS

Not-for-Profit is 50% of Total Hire Fee – excludes Bonds

Facility Bond Payable (Refund of bond in full is subject to satisfactory condition of hall)	\$300.00	\$300.00	only
Up to 8 hours hire of Hall & Kitchen	\$150.00	\$154.00	per day or night
Up to 8 hours hire of Hall only	\$103.00	\$106.00	per day or night
Hire charge for Hall & Kitchen	\$40.00	\$41.00	per hour
Hire charge for Hall only	\$31.00	\$32.00	per hour

#### HIRER SET UP AND/OR PACK UP

Hire for Set Up and/or Pack Up		50% of hire fee	per day or part thereof
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### CIVIC CENTRE BUNDABERG

#### BONDS

Not-for-Profit is 50% of Total Hire Fee – excludes Bonds. Schools – 25% off Total Hire Fees – excludes Bonds.

Facility Bond Payable (Refund of bond in full is subject to satisfactory condition of hall)	\$400.00	\$400.00	only
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#### ALL FACILITIES

Auditorium, Supper Room, Kitchen and Bar

Up to 8 hours hire	\$1,023.00	\$1,050.00	per day or night
Full day and night hire	\$1,262.00	\$1,295.00	per day and night

#### AUDITORIUM

Up to 8 hours hire	\$467.00	\$479.00	per day or night
Full day and night hire	\$728.00	\$750.00	per day and night

#### SUPPER ROOM

Up to 4 hours hire	\$109.00	\$112.00	per half day or night
Up to 8 hours hire	\$331.00	\$340.00	per day or night
Full day and night hire	\$603.00	\$620.00	per day and night

#### KITCHEN OR BAR

Up to 8 hours hire – applied to each area	\$286.00	\$294.00	per day or night
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Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
<b>HIRER SET UP AND/OR PACK UP</b>			
Hire for Set Up and/or Pack Up		50% of hire fee	per day or part thereof
<b>OTHER CHARGES</b>			
No Discount or Reduction Applies – Waivers Not Permitted			
Council Staff fee to set up (Hirer to pack up and re-stack chairs)	\$223.00	\$229.00	each
Council Staff fee to pack up equipment and re-stack chairs	\$120.00	\$123.00	each
Catwalk hire charge each occasion for set up and dismantle	\$149.00	\$153.00	each
Connecting pedestrian platform installation & dismantle	\$120.00	\$123.00	each
Council operated Elevator Platform charge each occasion (Council Staff operation only)	\$120.00	\$123.00	each
Use of 3 phase power outlets	\$75.00	\$77.00	each
Beer or wine glasses – must be cleaned and dry after use. Any breakages will be charged at replacement cost.	\$0.60	\$0.70	each
Beer jugs – must be cleaned and dry after use. Any breakages will be charged at replacement cost.	\$1.80	\$1.90	each
Hire of drop leads – up to 4 available to hire	\$120.00	\$123.00	flat rate
Toilet cleaning – weekend	\$163.00	\$168.00	flat rate
<b>EMERGENCY CALL OUTS</b>			
Call out fee if Council Staff are called out to assist hirer for any reason at the Centre	\$103.00	\$106.00	each
<b>CORONATION HALL</b>			
No 'Celebratory' Functions Permitted			
<b>BONDS</b>			
Not-for-Profit is 50% of Total Hire Fee – excludes Bonds			
Facility Bond Payable	\$300.00	\$300.00	each
<b>ALL AREAS</b>			
Hire charge per hour for all areas	\$36.00	\$36.00	per hour
Up to 4 hours hire of all areas	\$63.00	\$65.00	per half day or night
Full day and night hire of all areas	\$180.00	\$180.00	per day or night
<b>HIRER SET UP AND/OR PACK UP</b>			
Hire for Set Up and/or Pack Up		50% of hire fee	per day or part thereof



Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
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**ELLIOTT HEADS HALL****BONDS**

Not-for-Profit is 50% of Total Hire Fee – excludes Bonds

Facility Bond Payable (Refund of bond in full is subject to satisfactory condition of hall)	\$300.00	\$300.00	each
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**ALL AREAS**

Hourly hire charge for all areas	\$25.00	\$26.00	per hour
Up to 4 hours hire of all areas	\$55.00	\$57.00	per half day or night
Full day and night hire of all areas	\$90.00	\$93.00	per day or night

**HIRER SET UP AND/OR PACK UP**

Hire for set up and/or pack up		50% of hire fee	
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**GIN GIN RSL HALL****BONDS**

Not-for-Profit is 50% of Total Hire Fee – excludes Bonds

Facility Bond Payable (Refund of bond in full is subject to satisfactory condition of hall)	\$300.00	\$300.00	each
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**ALL AREAS (INCLUSIVE OF BAR)**

Hire charge for all areas per hour	\$38.00	\$39.00	per hour
Full day and night hire of all areas	\$222.00	\$228.00	per day or night

**HALL AND KITCHEN**

Hire charge for Hall & Kitchen	\$31.00	\$32.00	per hour
Full day and night Hall & Kitchen	\$149.00	\$153.00	per day or night

**HIRER SET UP/CLEAN UP**

Hire for set up and/or pack up		50% of hire fee	
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**ISIS CULTURAL CENTRE – BOOKINGS AND HIRE FEES PAYABLE ARE TO BE DIRECTED TO CHILDERS KARATE CLUB – WWW.ISISCULTURALCENTRE.COM****BONDS**

Not-for-Profit is 50% of Total Hire Fee – excludes Bonds

Schools is 25% off total hire fees – excludes bonds

Facility Bond Payable (Refund of bond in full is subject to satisfactory condition of hall)	\$400.00	\$400.00	each event
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Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
<b>CENTRE</b>			
Auditorium – Supper Room (includes Kitchen and Bar)			
Hourly charge per area	\$34.00	\$35.00	per hour
Hourly rate all areas	\$48.00	\$50.00	each event
Up to 4 hours hire all areas	\$177.00	\$182.00	each event
Up to 8 hours hire all areas	\$323.00	\$332.00	per day or night
Full day and night hire all areas	\$418.00	\$429.00	each event
Up to 4 hours hire Supper Room & Kitchen	\$131.00	\$135.00	each event
Up to 8 hours hire of Supper Room & Kitchen	\$238.00	\$244.00	per day or night
Up to 8 hours hire of Auditorium or Supper Room – applied per area	\$157.00	\$161.00	per day or night
Up to 4 hours hire of Auditorium or Supper Room – applied per area	\$84.00	\$87.00	per half day or night
<b>MEETING ROOM</b>			
Hourly charge	\$31.00	\$32.00	per hour
Up to 4 hours hire	\$53.00	\$55.00	per half day
Up to 8 hours hire	\$79.00	\$81.00	per day or night
Full day and night hire	\$149.00	\$153.00	per day and night
<b>HIRER SET UP AND/OR PACK UP</b>			
Hire for set up and/or pack up		50% of hire fee	each
<b>EMERGENCY CALL OUTS</b>			
Call out fee if Staff are called out to assist hirer for any reason at the Centre	\$98.00	\$101.00	each
<b>AIR-CONDITIONING USE</b>			
Use of air-conditioning all areas	\$50.00	\$50.00	per day
<b>MULTIPLEX COVENTION CENTRE HIRE – COMMUNITY GROUPS INCLUDING NOT FOR PROFIT AND SCHOOLS</b>			
<b>EXHIBITION HALL, SERVERY AND FUNCTION ROOMS</b>			
Half Day	\$0.00	\$270.00	per half day
Full Day	\$0.00	\$560.00	per full day
Full Day and Night	\$0.00	\$750.00	per full day and night

Name	Year 17/18 Fee (incl. GST)	Year 18/19 Fee (incl. GST)	Unit
<b>EXHIBITION HALL AND SERVERY</b>			
Half Day	\$0.00	\$150.00	per half day
Full Day	\$0.00	\$300.00	per full day
Full Day and Night	\$0.00	\$400.00	per full day and night
<b>FUNCTION ROOM 1</b>			
Half Day	\$0.00	\$100.00	per half day
Full Day	\$0.00	\$200.00	per full day
Full Day and Night	\$0.00	\$275.00	per full day and night
<b>FUNCTION ROOM 2</b>			
Half Day	\$0.00	\$50.00	per half day
Full Day	\$0.00	\$100.00	per full day
Full Day and Night	\$0.00	\$125.00	per full day and night
<b>FUNCTION ROOM 1 &amp; 2</b>			
Half Day	\$0.00	\$125.00	per half day
Full Day	\$0.00	\$275.00	per full day
Full Day and Night	\$0.00	\$375.00	per full day and night
<b>CARPET REMOVAL AND REPLACEMENT – EXHIBITON HALL</b>			
1/4 Size – Up to 375sqm	\$0.00	\$60.00	
1/2 Size – Up to 750sqm	\$0.00	\$120.00	
3/4 Size – Up to 1125sqm	\$0.00	\$180.00	
Full Space – Up to 1500sqm	\$0.00	\$240.00	
<b>OTHER CHARGES</b>			
Technical Support		POA – Hourly Rate	POA – Hourly Rate
Setup		POA – Hourly Rate	POA – Hourly Rate
Pack Down		POA – Hourly Rate	POA – Hourly Rate
Bump In and Out		POA – Hourly Rate	POA – Hourly Rate
<b>MULTIPLEX COVENTION CENTRE HIRE – CORPORATE AND PRIVATE HIRE</b>			
<b>EXHIBITION HALL, SERVERY AND FUNCTION ROOMS</b>			
Half Day	\$0.00	\$540.00	Per half day
Full Day	\$0.00	\$1,120.00	per full day
Full Day and Night	\$0.00	\$1,500.00	per full day and night

Name	Year 17/18 Fee (incl. GST)	Year 18/19 Fee (incl. GST)	Unit
<b>EXHIBITION HALL AND SURVERY</b>			
Half Day	\$0.00	\$300.00	per half day
Full Day	\$0.00	\$600.00	per full day
Full Day and Night	\$0.00	\$800.00	per full day and night
<b>FUNCTION ROOM 1</b>			
Half Day	\$0.00	\$200.00	per half day
Full Day	\$0.00	\$400.00	per full day
Full Day and Night	\$0.00	\$550.00	per full day and night
<b>FUNCTION ROOM 2</b>			
Half Day	\$0.00	\$100.00	per half day
Full Day	\$0.00	\$200.00	per full day
Full Day and Night	\$0.00	\$250.00	per full day and night
<b>FUNCTION ROOM 1 &amp; 2</b>			
Half Day	\$0.00	\$250.00	per half day
Full Day	\$0.00	\$550.00	per full day
Full Day and Night	\$0.00	\$750.00	per full day and night
<b>CARPET REMOVAL AND REPLACEMENT – EXHIBITION HALL</b>			
1/4 Size – Up to 375sqm	\$0.00	\$60.00	
1/2 Size – Up to 750sqm	\$0.00	\$120.00	
3/4 Size – Up to 1125sqm	\$0.00	\$180.00	
Full Space – Up to 1500sqm	\$0.00	\$240.00	
<b>OTHER CHARGES</b>			
Technical Support		POA – Hourly Rate	POA – Hourly Rate
Set Up		POA – Hourly Rate	POA – Hourly Rate
Pack Down		POA – Hourly Rate	POA – Hourly Rate
Bump In and Out		50% of hired event rate	50% of hired event rate
<b>ST GEORGE HALL, SOUTH KOLAN (KOLAN SOUTH STATE SCHOOL IS AGENT FOR BOOKINGS – PHONE 07 4157 7361)</b>			
<b>BONDS</b>			
Not-for-Profit is 50% of Total Hire Fee – excludes Bonds			
Facility Bond Payable (Refund of bond in full is subject to satisfactory condition of hall)	\$300.00	\$300.00	each

Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
<b>ALL AREAS</b>			
Hourly charge	\$42.00	\$42.00	per hour
Up to 4 hours hire	\$74.00	\$74.00	per half day
Full day and night hire	\$150.00	\$150.00	per day
<b>HIRER SET UP AND/OR PACK UP</b>			
Hire for set up and/or pack up		50% of hire fee	
<b>BUNDABERG RECREATIONAL PRECINCT</b>			
<b>BONDS</b>			
Not-for-Profit is 50% of Total Hire Fee – excludes Bonds			
Bond – Special Event (high risk activities)	\$10,000.00	\$10,000.00	each
All Grounds & Facilities	\$5,500.00	\$5,500.00	each
Individual Facilities	\$500.00	\$500.00	each
Individual Areas	\$1,000.00	\$1,000.00	each
<b>ALL FACILITIES / GROUNDS</b>			
All Grounds and Facilities	\$2,163.00	\$2,220.00	per day
Hirer Set Up and/or Pack up (limited to 7 days either side of event)		50% of hire fee	per day
<b>GROUNDS / TOILETS ONLY</b>			
All Grounds & Toilets	\$705.00	\$725.00	per day
North Open Use Area Grounds & Toilets	\$158.00	\$162.00	per day
South Open Use Area Grounds & Toilets	\$158.00	\$162.00	per day
Central Precinct Grounds & Toilets	\$79.00	\$81.00	per day
Equestrian Arena Grounds & Toilets – Non Equestrian Event	\$412.00	\$423.00	per day
Centre Show Ring Grounds & Toilets – Non Equestrian Event	\$210.00	\$216.00	per day
Canine Group Area Grounds & Toilets	\$79.00	\$81.00	per day
<b>BUILDINGS</b>			
Main Pavilion	\$419.00	\$430.00	per day
Col McLellan Pavilion	\$300.00	\$308.00	per day
Ashmont Building	\$144.00	\$148.00	per day
Eastern Area Canteen	\$144.00	\$148.00	per day
Main Canteen	\$181.00	\$186.00	per day
Small Canteen	\$144.00	\$148.00	per day
Bar	\$143.00	\$147.00	per day
Western Area Canteen	\$144.00	\$148.00	per day
Centre Show Ring Building	\$181.00	\$186.00	per day
Cold Rooms	\$74.00	\$76.00	per day
Department of Primary Industries Building	\$120.00	\$123.00	per day
Open Shelter Shed	\$50.00	\$52.00	per day

Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
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#### MEETINGS – ASHMONT BUILDING OR CENTRE SHOW RING MEETING ROOM

Up to 4 hours hire	\$51.00	\$53.00	per day
Over 4 hours hire	\$100.00	\$103.00	per day

#### EQUESTRIAN & CATTLE EVENTS

All fees must be read in conjunction with the Bundaberg Recreational Precinct Equestrian Fees Information Sheet. No Fee Reductions Apply to Arena Hire

#### ARENA HIRE

Additional Preparation of Arena surface (No fee reduction or waiver applicable)	\$155.00	\$155.00	per occasion
Hourly rate	\$10.00	\$10.00	per hour
Clinic/daily hire rate	\$115.00	\$115.00	per day
Equine event/show or competition rate	\$300.00	\$300.00	per day
Non equine event	\$412.00	\$412.00	per day
Set up or pack up	\$50.00	\$50.00	per day

#### CENTRE SHOW RING HIRE

Centre Show Ring hire includes use of Warm Up area at no extra charge

Hourly rate	\$10.00	\$10.00	per hour
Clinic/daily rate	\$115.00	\$115.00	per day
Equine event/show or competition	\$270.00	\$270.00	per day
Non equine event	\$210.00	\$210.00	per day
Set up or pack up	\$50.00	\$50.00	per day

#### EVENTS, SHOWS AND COMPETITIONS – 2 AREAS

Includes Arena & Central Show Ring – includes use of area plus toilets and stables

Equine Event/show or competition	\$541.00	\$541.00	per day
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#### CAMPING

ONLY in association with an Event. No Discounts or Fee Reductions Apply.

Any camping that is undertaken which is not as part of an event will require a written application to Council and will be charged at the same rates as applicable to Council Holiday Parks.

Powered Site	\$22.00	\$23.00	per day
Unpowered Site	\$16.00	\$17.00	per day

#### STABLES & STALLS

Stable or Stall per animal (excluding cleaning)	\$9.00	\$9.30	per day
Stable or Stall per animal (includes cleaning)	\$19.00	\$20.00	per day or night
Cleaning fee – applied if stables left dirty after hire	\$150.00	\$150.00	each event

Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
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#### FEES ASSOCIATED WITH PERMIT TO OCCUPY/RENTAL AGREEMENTS

Hire of Council owned storage shed under Rental Agreement	\$299.00	\$307.00	per annum
Hire of Council owned double bay shed under Rental Agreement	\$609.00	\$625.00	per annum
Annual Permit to Occupy fee – Council supply land for storage purposes only (ie the organisation owns and maintains the shed/building/storage facility not Council). To be calculated based on building footprint in square metres (ie 1.60 x 28 sq metre building footprint = total fee)	\$1.60	\$1.70	per square metre
Annual Permit to Occupy fee for Clubhouse – Council supply land, power and water. To be calculated based on building footprint in square metres (ie 6 x 28 sq metre building footprint = total fee)	\$6.00	\$6.20	per square metre

#### WEST STREET CENTRE (BOOKINGS MADE THROUGH ISIS MULTICULTURAL GROUP)

Hire for charity groups/community service		No charge	
Hire charge for centre	\$17.00	\$18.00	per hour

#### APPLE TREE CREEK SPORTSGROUND – EFFECTIVE FROM 1 JANUARY 2018

All fees are per day (24 hour) or part thereof.

#### COMMERCIAL FEES

All buildings	\$116.00	\$116.00	per day or part thereof
All grounds and buildings	\$143.00	\$143.00	per day or part thereof
Bump in – bump out per day – limited to 7 days either side of event		50% of hire fees	per day
All grounds for use by markets	\$50.00	\$50.00	per event

#### NOT FOR PROFIT FEES

All buildings	\$58.00	\$58.00	per day or part thereof
All grounds and buildings	\$71.50	\$71.50	per day or part thereof
Bump in – bump out per day – limited to 7 days either side of event		50% of hire fees	per day
All grounds for use by markets	\$25.00	\$25.00	per event

#### OTHER FACILITIES / SERVICES

##### RACECOURSE

Bookings at Racecourse Secretary's Office

Hire charge for Race Club Rental	\$639.00	\$655.00	per meeting
Hire charge for stables – per horse (less 50% commission paid)	\$31.00	\$32.00	per week
Hire charge for stables – per horse (less 50% commission paid)	\$90.00	\$93.00	per month

#### SCHOOL OF ARTS BUILDING MEETING ROOM – GALLERY – RECEPTION ROOM

No facility bond (however damage repairs or additional cleaning costs may apply)

Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
<b>ROOM 1M</b>			
Not-for-Profit is 50% of Total Hire Fee			
Up to 4 hours hire	\$54.00	\$54.00	per half day
Up to 8 hours hire	\$103.00	\$103.00	per day
Up to 7 consecutive days hire	\$432.00	\$432.00	per week
<b>GALLERY GROUND FLOOR 1G (COMMUNITY EXHIBITIONS)</b>			
Hire charge for community hire – weekly	\$222.00	\$222.00	per week
<b>ROOM 2R</b>			
Up to 4 hours hire	\$65.00	\$65.00	per half day or night
Up to 8 hours hire	\$130.00	\$130.00	per half day or night
Up to 7 consecutive days hire	\$488.00	\$488.00	per week
<b>ROOM 1A</b>			
Up to 4 hours hire	\$31.00	\$31.00	per half day
Up to 8 hours hire	\$57.00	\$57.00	per day
Up to 7 consecutive days hire	\$340.00	\$340.00	per week
<b>DAPH GEDDES PARK</b>			
Split into 6 zones. Zone 1 is the shared toilet and shower block which is available to all hirer's at no cost.			
<b>ZONES GENERAL</b>			
Fee applicable per zone – includes use of Zone 1. Not for Profit is 50% of total hire fee			
Full day and night hire applicable for each zone – private use	\$73.00	\$75.00	per day and night
Full day and night hire applicable per zone – commercial use	\$186.00	\$191.00	per day and night
<b>HIRER SET UP AND/OR PACK UP</b>			
Set up and/or pack up		50% of hire fee	per day or part thereof
<b>PERMIT TO OCCUPY FEES</b>			
Annual Permit to Occupy Fee (applicable per zone used)	\$328.00	\$337.00	per annum
<b>BARGARA SERVICE CENTRE</b>			
Hire of meeting rooms within Bargara Service Centre			
LG Scotney Room	\$114.00	\$117.00	per day or part thereof
Fred Courtice Room	\$114.00	\$117.00	per day or part thereof



Name	Year 17/18 Fee (incl. GST)	Year 18/19 Fee (incl. GST)	Unit
<b>COMMERCIAL PONTOON – QUAY STREET</b>			
Annual licence fee for non-exclusive right to moor vessels at Commercial Pontoon for embarking and disembarking passengers	\$884.00	\$910.00	per annum
<b>HEALTH &amp; ENVIRONMENTAL HEALTH SERVICES</b>			
<b>COMMERCIAL USE OF PARKS &amp; RESERVES</b>			
Note: Pro-rata calculations can apply to part year, however, a minimum fee of \$30.00 plus application fee will apply.			
Not-for-profit organisations can apply to have fees waived.			
Application for the establishment of temporary commercial (carrying on the supply of goods and services for profit) activities, in park vending and stalls	\$200.00	\$205.00	per application
Application for the establishment of display of goods in parks, busking, and animal grazing	\$48.00	\$50.00	per application
Permit fee for temporary commercial activities, in park vending and stalls	\$731.00	\$750.00	per annum
Small Events – Permit fee for temporary commercial activities, in park vending and stalls	\$74.00	\$76.00	per day
Permit fee for animal grazing on a park or reserve where Council can issue a trustee permit for such use	\$267.00	\$274.00	per annum
Permit fee for temporary commercial sport, clubs, fitness and recreation activities utilising reserves for limited time duration and limited days – may include multiple reserves – 8 month or season permit	\$200.00	\$205.00	per application
Large Events – Such as circus, amusement rides, rodeo, major concerts etc – up to 10 days	\$1,648.00	\$1,690.00	per event
Large Events – Such as Circus, amusement rides, rodeo, major concert	\$569.00	\$585.00	per day and night
<b>DISPLAY OF BANNERS</b>			
Erection of Salter Oval Banner	\$160.00	\$164.00	each
<b>LAND PROTECTION SERVICES</b>			
<b>DECLARED PEST ANIMAL BAITS</b>			
Pigout Pig Bait	\$4.00	\$4.00	each
Doggone Dog Bait	\$2.70	\$2.70	each
Foxoff Fox Bait	\$2.00	\$2.00	each
Tray Doggone Dog Bait (pack of 12)	\$32.40	\$33.00	each
Tray Foxoff Baits (pack of 30)	\$60.00	\$61.00	each
<b>SPRAY EQUIPMENT HIRE</b>			
Spray equipment made available to Landholder's and Community Groups at a nominal cost (also applies to other Council Sections internally).			

Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
<b>LANDHOLDERS</b>			
Splatter Gun Hire – 1 Cylinder	\$19.00	\$20.00	per day or part thereof
Splatter Gun Hire – 2 Cylinders	\$26.00	\$27.00	per day or part thereof
Trailer-Mounted Quikspray Unit	\$37.00	\$38.00	per day or part thereof
<b>COMMUNITY GROUPS</b>			
Splatter Gun Hire – 1 Cylinder	\$13.00	\$14.00	per day or part thereof
Splatter Gun Hire – 2 Cylinders	\$19.00	\$20.00	per day or part thereof
Trailer-Mounted Quikspray Unit	\$16.00	\$17.00	per day or part thereof
<b>TASKFORCE</b>			
1 litre	\$47.00	\$47.00	per container
5 litres	\$135.00	\$135.00	per container
20 litres	\$380.00	\$380.00	per container
<b>DEPOT EQUIPMENT HIRE – WHEELIE BIN</b>			
Hire of Wheelie Bin for Events Bond	\$17.00	\$18.00	per bin
Charge if bin or bins are damaged or stolen	\$95.00	\$98.00	per bin
<b>ADVERTISING ON COUNCIL LAND</b>			
Billboards on Land at South Isis (rental issued for 1 year period) – per face	\$1,023.00	\$1,050.00	per annum
<b>WEDDINGS, CEREMONIES &amp; PARTIES IN PARKS &amp; RESERVES</b>			
Weddings, Ceremonies And Parties In Parks And Reserves	\$189.00	\$194.00	per day
For Functions of less than 30 people	\$71.00	\$73.00	per day
<b>MISCELLANEOUS FEES</b>			
Hire of Barking Collar	\$28.00	\$29.00	per week
Commercial Hire of Council Off-street Car Parking Bays in Bundaberg CBD	\$1,000.00	\$1,285.00	per annum
Use of park / recreation reserve to deposit materials – associated with adjacent construction works (where approved) for up to 3 months Minimum fee \$170.00	\$11.00	\$12.00	per square metre

Name	Year 17/18 Fee (incl. GST)	Year 18/19 Fee (incl. GST)	Unit
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## HOLIDAY PARKS

Peak/High Season for all Holiday Parks:

29 March – 15 April 2018  
 1 – 15 July 2018  
 22 September – 7 October 2018  
 15 December 2018 – 28 January 2019

## BURNETT HEADS 'LIGHTHOUSE' HOLIDAY PARK

### NIGHTLY RATES

Non-powered site	\$27.00	\$27.00	per night
Powered site	\$31.00	\$31.00	per night
Extra adult	\$9.00	\$9.00	per night
Extra child	\$6.00	\$6.00	per night
Cabin	\$105.00	\$105.00	per night
Extra adult cabin	\$11.00	\$11.00	per night
Extra child cabin	\$8.00	\$8.00	per night

### NIGHTLY RATES – PEAK SEASON

Non-powered site	\$30.00	\$30.00	per night
Powered site	\$35.00	\$35.00	per night
Extra adult	\$10.00	\$10.00	per night
Extra child	\$7.00	\$7.00	per night
Cabin	\$120.00	\$120.00	per night
Extra adult cabin	\$13.00	\$13.00	per night
Extra child cabin	\$11.00	\$11.00	per night

### WEEKLY RATES

Non-powered site	\$162.00	\$162.00	per week
Powered site	\$186.00	\$186.00	per week
Permanent site	\$126.00	\$132.00	per week
Extra adult	\$54.00	\$54.00	per week
Extra child	\$36.00	\$36.00	per week
Cabin	\$630.00	\$630.00	per week
Extra adult cabin	\$66.00	\$66.00	per week
Extra child cabin	\$48.00	\$48.00	per week
Linen (additional set)	\$21.00	\$21.00	per week

Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
<b>WEEKLY RATES – PEAK SEASON</b>			
Non-powered site	\$180.00	\$180.00	per week
Powered site	\$210.00	\$210.00	per week
Extra adult	\$60.00	\$60.00	per week
Extra child	\$42.00	\$42.00	per week
Cabin	\$720.00	\$720.00	per week
Extra adult cabin	\$78.00	\$78.00	per week
Linen (additional set)	\$21.00	\$21.00	per week
Extra child cabin	\$66.00	\$66.00	per week
<b>ELLIOTT HEADS CARAVAN PARK</b>			
<b>NIGHTLY RATES</b>			
Non-powered site	\$27.00	\$30.00	per night
Powered site	\$31.00	\$35.00	per night
Cabin	\$130.00	\$136.00	per night
Extra adult site	\$9.00	\$10.00	per night
Extra child site	\$6.00	\$7.00	per night
Extra adult cabin	\$11.00	\$12.00	per night
Extra child cabin	\$8.00	\$9.00	per night
<b>NIGHTLY RATES – PEAK SEASON</b>			
Non-powered site	\$31.00	\$35.00	per night
Powered site	\$35.00	\$40.00	per night
Cabin	\$145.00	\$152.00	per night
Extra adult site	\$10.00	\$11.00	per night
Extra child site	\$7.00	\$8.00	per night
Extra adult cabin	\$15.00	\$16.00	per night
Extra child cabin	\$12.00	\$13.00	per night
<b>WEEKLY RATES</b>			
Non-powered site	\$162.00	\$180.00	per week
Powered site	\$186.00	\$210.00	per week
Cabin	\$780.00	\$816.00	per week
Permanent site	\$126.00	\$132.00	per week
Extra adult site	\$54.00	\$60.00	per week
Extra child site	\$36.00	\$42.00	per week
Extra adult cabin	\$66.00	\$72.00	per week
Extra child cabin	\$48.00	\$54.00	per week
Linen (additional set)	\$21.00	\$21.00	per week

Name	Year 17/18 Fee (incl. GST)	Year 18/19 Fee (incl. GST)	Unit
<b>WEEKLY RATES – PEAK SEASON</b>			
Non-powered site	\$186.00	\$210.00	per week
Powered site	\$210.00	\$240.00	per week
Cabin	\$870.00	\$912.00	per week
Extra adult site	\$60.00	\$66.00	per week
Extra child site	\$42.00	\$48.00	per week
Extra adult cabin	\$90.00	\$96.00	per week
Extra child cabin	\$72.00	\$78.00	per week
Linen (additional set)	\$21.00	\$21.00	per week
<b>MIARA CARAVAN PARK</b>			
Transfer of Ownership – LTHS Residents only	\$260.00	\$260.00	each
<b>NIGHTLY RATES</b>			
Non-powered site	\$26.00	\$26.00	per night
Powered site – Park	\$29.00	\$29.00	per night
Powered site – Beachfront	\$31.00	\$31.00	per night
Extra adult	\$8.00	\$8.00	per night
Extra child	\$5.00	\$5.00	per night
Shower – Non-Resident	\$5.00	\$5.00	per night
Power Use	\$5.00	\$5.00	per night
<b>NIGHTLY RATES – PEAK SEASON</b>			
Non-powered site	\$31.00	\$31.00	per night
Powered site – Park	\$33.00	\$33.00	per night
Powered site – Beachfront	\$35.00	\$35.00	per night
Extra adult	\$9.00	\$9.00	per night
Extra child	\$6.00	\$6.00	per night
Shower – Non-Resident	\$6.00	\$6.00	per night
Power Use	\$6.00	\$6.00	per night

Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
<b>WEEKLY RATES</b>			
Non-powered site	\$156.00	\$156.00	per week
Powered site – Park	\$174.00	\$174.00	per week
Powered site – Beachfront	\$186.00	\$186.00	per week
LTHS (Standard) – non-powered	\$50.00	\$52.00	per week
LTHS (Standard) – powered	\$80.00	\$84.00	per week
LTHS (Large) – non-powered	\$72.00	\$75.00	per week
Permanent – non-powered	\$89.00	\$93.00	per week
Permanent – powered	\$126.00	\$132.00	per week
Permanent site (House) – Non powered	\$126.00	\$135.00	per week
Extra adult	\$48.00	\$48.00	per week
Extra child	\$30.00	\$30.00	per week
Shower – Non resident	\$30.00	\$30.00	per week
Power use	\$30.00	\$30.00	per week
<b>WEEKLY RATES – PEAK SEASON</b>			
Non-powered site	\$186.00	\$186.00	per week
Powered site – Park	\$198.00	\$198.00	per week
Powered site – Beachfront	\$210.00	\$210.00	per week
Extra adult	\$54.00	\$54.00	per week
Extra child	\$36.00	\$36.00	per week
Shower – Non-Resident	\$36.00	\$36.00	per week
Power use	\$36.00	\$36.00	per week
<b>MOORE PARK BEACH HOLIDAY PARK</b>			
<b>NIGHTLY RATES</b>			
Waterfront powered site	\$35.00	\$35.00	per night
Powered site	\$31.00	\$31.00	per night
Non-powered site	\$27.00	\$27.00	per night
Extra adult site	\$9.00	\$9.00	per night
Extra child site	\$6.00	\$6.00	per night
Cabin	\$105.00	\$105.00	per night
Extra adult cabin	\$11.00	\$11.00	per night
Extra child cabin	\$8.00	\$8.00	per night
<b>NIGHTLY RATES – PEAK SEASON</b>			
Waterfront powered site	\$38.00	\$38.00	per night
Powered site	\$35.00	\$35.00	per night
Non-powered site	\$31.00	\$31.00	per night
Extra adult site	\$9.00	\$9.00	per night
Extra child site	\$6.00	\$6.00	per night
Cabin	\$121.00	\$121.00	per night
Extra adult cabin	\$15.00	\$15.00	per night
Extra child cabin	\$12.00	\$12.00	per night

Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
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**WEEKLY RATES**

Waterfront powered site	\$210.00	\$210.00	per week
Powered site	\$186.00	\$186.00	per week
Non-powered site	\$162.00	\$162.00	per week
Extra adult site	\$54.00	\$54.00	per week
Extra child site	\$36.00	\$36.00	per week
Cabin	\$630.00	\$630.00	per week
Extra adult cabin	\$66.00	\$66.00	per week
Extra child cabin	\$48.00	\$48.00	per week
Linen (additional set)	\$21.00	\$21.00	per stay
Permanent site	\$126.00	\$132.00	per week
Permanent waterfront site	\$145.00	\$155.00	per week

**WEEKLY RATES – PEAK SEASON**

Waterfront powered site	\$228.00	\$228.00	per week
Powered site	\$210.00	\$210.00	per week
Non-powered site	\$186.00	\$186.00	per week
Extra adult site	\$54.00	\$54.00	per week
Extra child site	\$36.00	\$36.00	per week
Cabin	\$726.00	\$726.00	per week
Extra adult cabin	\$90.00	\$90.00	per week
Extra child cabin	\$72.00	\$72.00	per week
Linen (additional set)	\$21.00	\$21.00	per week

**NORVAL PARK CAMPING GROUND**

Bookings made via Bundaberg Visitor Information Centre – 1300 722 099

Camping – per person	\$6.20	\$6.20	per night
Children under 5 years		No charge	
Camping – per family (1 or 2 adults and accompanying children under 18 years – maximum number of 8 people)	\$25.00	\$25.00	per night

**INFRASTRUCTURE SERVICES****PRIVATE WORKS – WATER**

Works carried out as private works will be individually priced By quotation each

Private plant hire rates and labor on costs are to be used. It is preferred that prices charged for private works be on the basis of a fixed price given prior to commencement of work but may be on an actual cost basis following provision of an estimated cost. Unless authorized by the General Manager of the Department pre-payment is required for all private works. (As Assessed)

**PRIVATE WORKS – SEWERAGE**

Works carried out as private works will be individually priced By quotation each

Private plant hire rates and labour on costs are to be used. It is preferred that prices charged for private works be on the basis of a fixed price given prior to commencement of work but may be on an actual cost basis following provision of an estimated cost. Unless authorized by the General Manager of the Department pre-payment is required for all private works. (As Assessed)

Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
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### PRIVATE WORKS

Works carried out as private works will be individually priced By quotation each

Private plant hire rates and labour on costs are to be used. It is preferred that prices charged for private works be on the basis of a fixed price given prior to commencement of work but may be on an actual cost basis following provision of an estimated cost. Unless authorized by the General Manager of the Department pre-payment is required for all private works. (As Assessed)

### ROADS / STREETS

#### CONSTRUCTION, REHABILITATION, ROAD REINSTATEMENT WORK

To be assessed under Private Works

As Assessed

#### PROPERTY ACCESS

Charges apply even if Council is installing kerb and channelling at the time unless there is an existing approved crossing place (per 3 metre crossing)

Cost of concrete invert crossing only (domestic non-rural)	\$1,806.00	\$1,855.00	each
Cost of bridge crossing (domestic non-rural)	\$1,659.00	\$1,705.00	per 3 metres of crossing
Construction of extra concrete slab (0.6 metres wide)	\$531.00	\$545.00	each

#### RURAL NUMBERING

Supply and installation of a new rural numbering post with numbers	\$67.00	\$69.00	each
Supply of a replacement rural number unit (per unit, pickup from depot)	\$36.00	\$37.00	per unit
Supply of a replacement rural numbering post (pickup from depot)	\$26.00	\$27.00	each

#### USE OF ROADS

Fee to use part of a road reserve to deposit materials associated with adjacent construction works where approved for a three month period and the works are associated with a single domestic dwelling.	\$17.00	\$18.00	per square metre
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#### FEE TO USE OF PART OF A ROAD RESERVE TO DEPOSIT MATERIALS ASSOCIATED WITH ADJACENT CONSTRUCTION WORKS WHERE SUCH USE IS GREATER THAN THREE MONTHS OR THE CONSTRUCTION IS NOT ASSOCIATED WITH A SINGLE DOMESTIC DWELLING

Note: Pro Rata Calculations can apply to part period, however a minimum fee of \$30.00 plus application fee will apply. Not-for-profit organisations can have the fees waived on application.

Where the use is any part of a road carriageway, constructed footpath or a footpath on a road with kerb and channel up to a period of 12 months	\$61.00	\$63.00	per square metre
Where the use is part of the road reserve which does not restrict pedestrian or vehicle movements for a twelve month period.	\$831.00	\$855.00	per annum

#### TRAFFIC COUNT DATA

Supply of traffic count data	\$32.00	\$33.00	per count
Processing and special reports (charged at 15 minute increments)	\$121.00	\$125.00	per hour



Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
<b>LABORATORY</b>			
<b>ADMINISTRATION COSTS</b>			
Batch Handling & Report generation	\$39.00	\$39.00	each
Sample bottle preparation	\$60.00	\$60.00	per batch
<b>SAMPLING AND IN-SITU ANALYSIS</b>			
Sample collection per hour	\$109.00	\$112.00	per hour
Field Chlorine – Total	\$0.00	\$14.00	each
Field Chlorine – Free	\$0.00	\$14.00	each
Field Conductivity	\$0.00	\$11.00	each
Field Oxygen Dissolved (DO) by Meter	\$0.00	\$15.00	each
Field pH	\$0.00	\$11.00	each
Field Salinity	\$0.00	\$11.00	each
Groundwater Standing Water level	\$0.00	\$5.00	
<b>GENERAL CHEMISTRY</b>			
Chlorate by Ion Chromatography (IC)	\$0.00	\$40.00	each
Hardness – Calcium by calculation derived from Calcium. Must select this test as well	\$0.00	\$2.70	each
Hardness – Total by calculation derived from Calcium and Magnesium. Must select these tests as well	\$0.00	\$2.70	each
Organic Carbon – Dissolved (DOC)	\$0.00	\$46.00	each
Oxygen Demand – Chemical Flocculated	\$0.00	\$38.00	each
Oxygen Demand – Chemical Soluble	\$0.00	\$38.00	each
pH	\$11.00	\$11.00	each
Colour – Apparent	\$15.00	\$15.00	each
Turbidity	\$14.00	\$14.00	each
Absorbance @ 254 mm	\$16.00	\$16.00	each
Alkalinity	\$19.00	\$19.00	each
Hardness – Total by Titration	\$20.00	\$20.00	each
Hardness – Calcium by Titration	\$17.00	\$17.00	each
Free Carbon Dioxide	\$19.00	\$19.00	each
Conductivity	\$11.00	\$11.00	each
Salinity	\$11.00	\$11.00	each
Dissolved Solids – Total by calculation derived from Conductivity. Must select this test as well	\$2.70	\$2.70	each
Chlorine – Total	\$14.00	\$14.00	each
Chlorine – Free	\$14.00	\$14.00	each
Chlorine – Combined by calculation derived from Free & Total Chlorine. Must select these tests as well	\$2.70	\$2.70	each
Solids – Suspended (NFR)	\$26.00	\$26.00	each
Sodium Absorption Ration (SAR) by calculation derived from Sodium, Calcium and Potassium. Must select these tests as well	\$15.00	\$2.70	each
Sulphide	\$26.00	\$26.00	each
Sulphite	\$26.00	\$26.00	each

continued on next page ..

Name	Year 17/18 Fee (incl. GST)	Year 18/19 Fee (incl. GST)	Unit
<b>GENERAL CHEMISTRY</b> [continued]			
Secchi Disc	\$19.00	\$20.00	each
Anion Suite (Chlorate, Chloride, Fluoride, Nitrite, Nitrate, Sulphate) by Ion Chromatography (IC)	\$84.00	\$84.00	each
Cation Suite (Ammonium, Calcium, Magnesium, Potassium, Sodium) by Ion Chromatography	\$84.00	\$84.00	each
Metals Suite (Al, Fe, Mn, Cu) by Atomic Adsorption Spectroscopy	\$57.00	\$57.00	each
Colour – True	\$16.00	\$16.00	each
Organic Carbon – Total (TOC)	\$44.00	\$44.00	each
Solids – Total	\$26.00	\$26.00	each
Solids – Volatile Suspended	\$26.00	\$26.00	each
Solids – Volatile Total	\$26.00	\$26.00	each
Saturation Index (SI) by calculation derived from pH, Alkalinity and Calcium. Must select these tests as well	\$2.70	\$2.70	each
Oxygen Demand – Biochemical (BOD)	\$58.00	\$58.00	each
Oxygen Demand – Chemical (COD)	\$26.00	\$27.00	each
Oxygen Dissolved (DO) by Meter	\$15.00	\$15.00	each
Oxygen Dissolved (DO) by Titration	\$26.00	\$26.00	each
<b>NUTRIENT ANALYSIS</b>			
Ammonia Nitrogen by colorimetric analysis	\$26.00	\$27.00	each
Ammonia Nitrogen by calculation derived from Ammonium. Must select this test as well	\$0.00	\$2.70	each
NOx by calculation derived from Nitrate and Nitrite. Must select these tests as well	\$0.00	\$2.70	each
Oil & Grease	\$95.00	\$95.00	each
Phosphorus, orthophosphate	\$26.00	\$27.00	each
Total Kjeldahl Nitrogen (TKN) by calculation derived from Total Nitrogen, nitrate and Nitrite. Must select these tests as well	\$2.50	\$2.70	each
Total Nitrogen by Ion Chromatography (IC)	\$0.00	\$40.00	each
Total Phosphorus by Ion Chromatography (IC)	\$0.00	\$40.00	each
<b>MICROBIOLOGICAL TESTING</b>			
Heterotrophic Plate count	\$38.00	\$38.00	each
Escherichia coli (MPN)	\$0.00	\$34.00	each
Escherichia coli (MF)	\$38.00	\$38.00	each
Enterococci sp.	\$38.00	\$38.00	each
Faecal Coliform	\$39.00	\$39.00	each
Pseudomonas aeruginosa	\$38.00	\$38.00	each

Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
<b>WASTEWATER PROCESS ANALYSIS</b>			
Non Volatile Solids	\$26.00	\$27.00	each
Mixed Liquor Suspended Solids	\$26.00	\$27.00	each
Settleable Matter	\$22.00	\$23.00	each
Settleable Volume	\$22.00	\$23.00	each
Sludge Volume Index	\$26.00	\$27.00	each
Total Alkalinity	\$26.00	\$27.00	each
Volatile Acids	\$26.00	\$27.00	each
Volatile Solids	\$34.00	\$35.00	each
<b>LIBRARIES</b>			
<b>GENERAL FEES</b>			
3-D Print (Printing)	\$0.00	\$3.00	per hour
3-D Print (Setup)	\$0.00	\$15.00	each
Colour Photocopying and Printing	\$1.00	\$1.00	per page
Photocopying and Printing	\$0.20	\$0.20	per page
Microfilm – A4 page	\$0.20	\$0.20	per page
Microfilm – A3 page	\$0.50	\$0.50	per page
Replacement Library Card	\$2.50	\$2.50	each
Replacement Library Books		As assessed	per book
Visitor Membership fee	\$20.00	\$20.00	
<b>PICTURE BUNDABERG FEES</b>			
*Urgent requests that are required within 5 business days.			
A4 print on photographic/gloss paper	\$6.50	\$7.00	each
High resolution copies on USB	\$18.00	\$19.00	each
Urgent * A4 print on photographic/gloss paper	\$12.00	\$13.00	each
Urgent * High resolution copies on USB	\$36.00	\$37.00	each
<b>PICTURE BUNDABERG POSTAGE FEES (WITHIN AUSTRALIA ONLY)</b>			
*Urgent requests that are required within 5 business days.			
1-10 photos (prints on A4)	\$7.00	\$7.00	each
10+ photos (prints on A4)	\$14.00	\$14.00	each
USB (per USB)	\$7.00	\$7.00	each
Urgent * 1-10 photos (prints on A4)	\$14.00	\$14.00	each
Urgent * 10+ photos (prints on A4)	\$27.00	\$28.00	each
Urgent * USB (per USB)	\$14.00	\$14.00	each

Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
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### MONCRIEFF ENTERTAINMENT CENTRE

New rates fully inclusive of credit card charges, cleaning (except for excess cleaning charge), electricity (except for back up generator if required), event creation fees, equipment usage.

Venue Hire charges include up to 8 hours (bump in, rehearsal/sound check, event, bump out). Then hourly charges apply.

Labour, box office and advertising charges are not included in hire fees.

### VENUE HIRE CHANGE

Commercial hire	\$2,040.00 + 12% of gross box office		per event
Commercial hire – subsequent events on same day		12% of gross box office	per event
Commercial hourly charge – beyond 8 hours	\$255.00	\$262.00	per hour
Conventions, Conferences etc	\$2,040.00	\$2,040.00	per event
Conventions, Conferences etc – half day rate	\$1,020.00	\$1,050.00	per half day
Community hire (excludes Sunday)	\$1,275.00 or 10% of gross box office		per event
Community hire – subsequent events on same day (excludes Sunday)		10% of gross box office	per event
Community hire – rehearsal (excludes Sunday)	\$1,020.00	\$1,050.00	per day
Community hire – rehearsal (up to 4 hours – excludes Sunday)	\$510.00	\$525.00	per half day or part thereof
Schools – full day and night (8 hours split shift – excludes Sunday)	\$1,275.00	\$1,275.00	per day and night
Schools – full day or part thereof up to 8 hours, then hourly rate (excludes Sunday)	\$1,020.00	\$1,050.00	per day or part thereof
Community/ school/ university hourly charge – beyond 8 hours	\$170.00	\$175.00	per hour
Merchandise Fee	\$100.00 minimum guarantee of 10% of gross merchandise sales, whichever is greater		per event

### EQUIPMENT HIRE/OTHER FEES

Grand piano – Commercial	\$350.00	\$350.00	per move/tune
Grand piano – Community	\$250.00	\$250.00	per move/tune
Grand piano – Community use (not tuned)		Included in hire	per event
Orchestra Pit Cover	\$1,120.00	\$1,120.00	per event
Catering service fee	\$120.00	\$123.00	per event
Smoke Haze service fee	\$50.00	\$52.00	per event
Excess cleaning fee (i.e. confetti, ticker tape or associated effects are used or if cleaning is 3+ hours)	\$246.00	\$253.00	per event
Back up electricity service fee	\$120.00 + generator hire at cost		per event

### BOOKING FEE (BOX OFFICE CHARGES TO HIRERS)

Commercial hirer	\$4.90	\$5.10	per ticket
Community hirer	\$3.10	\$3.20	per ticket
Complimentary tickets (all hirers)	\$1.50	\$1.60	per ticket

Name	Year 17/18 Fee (incl. GST)	Year 18/19 Fee (incl. GST)	Unit
<b>BOX OFFICE CHARGES TO CUSTOMERS</b>			
Transaction fee (applies to all events tickets, not to cinema admissions)	\$2.00	\$2.10	per transaction
<b>STAFF CHARGE-OUT</b>			
<b>FRONT OF HOUSE DUTY OFFICER – MINIMUM 3 HOUR CALL</b>			
Monday – Saturday (excluding Public Holidays)	\$62.00	\$65.00	per hour
Next 3 hours/Time and a half	\$93.00	\$97.49	per hour
Penalty Double Time	\$124.00	\$130.00	per hour
Public Holidays/Penalty Double Time and a Half	\$162.50	\$162.50	per hour
<b>FRONT OF HOUSE STAFF – MINIMUM 3 HOUR CALL</b>			
Monday – Saturday (excluding Public Holidays)	\$51.00	\$50.00	per hour
Next 3 hours/Time and a Half	\$76.50	\$75.00	per hour
Penalty Double Time	\$102.00	\$100.00	per hour
Public Holidays/Penalty Double Time and a Half	\$127.50	\$125.00	per hour
<b>THEATRE TECHNICAL STAFF (STAGE HANDS) MINIMUM 3 HOUR CALL</b>			
Monday – Saturday (excluding Public Holidays)			
1st 8 hours	\$49.00	\$50.00	per hour
Next 3 hours/Time and a Half	\$73.50	\$75.00	per hour
Double Time	\$98.00	\$100.00	per hour
Public Holidays/Penalty Double Time and a Half	\$122.50	\$125.00	per hour
<b>THEATRE TECHNICAL STAFF (SENIOR TECHNICIAN) – MINIMUM 3 HOUR CALL</b>			
1st 8 hours	\$56.00	\$65.00	per hour
Next 3 hours/Time and a Half	\$84.00	\$97.50	per hour
Double Time	\$112.00	\$130.00	per hour
Public Holidays/Penalty Double Time and a Half	\$140.00	\$162.50	per hour
<b>CINEMA ADMISSIONS</b>			
Standard Cinema Session Ticket Price	\$8.00	\$10.00	each
<b>FILM FUNDRAISING EVENTS</b>			
Minimum guarantees plus surcharges (if applicable) are to be paid 100% up front as a deposit.			
Schedule film screenings (included in Moncrieff film schedule)	\$900.00 minimum guarantee or \$8.00 per ticket, whichever is greater		per event
Special film screenings (one off films)	\$1,200.00 minimum guarantee or \$8.00 per ticket, whichever is greater		per event
Candy Bar Surcharge – hirer requires candy bar to be closed for a film fundraising event.	\$110.00	\$110.00	per event

Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
<b>ADVERTISING</b>			
Letterbox flyer distribution (500 to 1000)	\$126.00	\$130.00	only
Poster distribution (maximum of 20)	\$2.60	\$2.70	each
Email distribution	\$126.00	\$130.00	only
Facebook posts – after first 4 posts	\$30.00	\$30.00	only
<b>SEWERAGE</b>			
<b>CHARGES</b>			
Sewerage Connection		By quotation	each
Relocation of Sewerage Connection		By quotation	each
Decommissioning of sewer point of connection (includes sealing, raising to surface and AM inspection)	\$813.00	\$835.00	each
Disposal of septic waste (Cost covers access during business hours. Additional costs to apply if disposal is requested A/H – Conditions Apply)	\$44.00	\$46.00	per kilolitre
<b>SERVICE CHARGES</b>			
Service locations		By quotation	each
Network analysis		By quotation	each
Repairs to service (refers to infrastructure damaged by an external party i.e. contractor)		Actual cost	each
CCTV Sewer Inspections (for CCTV inspections triggered by BOSP and external parties, includes travel)	\$195.00	\$200.00	per hour
Cleaning of sewer mains (for CCTV inspection triggered by BOSP & external parties, includes travel)	\$221.00	\$227.00	per hour
Report on CCTV Works	\$38.00	\$39.00	each
<b>CLEARANCE OF PRIVATE SANITARY DRAINS</b>			
The owner of any property at which a sewerage and/or drainage blockage occurs, be charged for the clearance of such blockage.			
The owner be required to pay the Actual Costs incurred in any necessary breaking and subsequent replacement of any surface (concrete, etc) in relation to the aforesaid Sewerage and/or Drainage Blockage.			
<b>DOMESTIC &amp; COMMERCIAL</b>			
<b>CALLS RECEIVED BETWEEN 7.00AM &amp; 3.30PM MONDAY-FRIDAY</b>			
Charge per 30 minutes on site	\$183.00	\$188.00	per half hour
<b>CALLS RECEIVED OUTSIDE THE HOURS OF 7.00AM &amp; 3.30PM MONDAY-FRIDAY</b>			
Callout Fee (includes first 30 minutes on site)	\$364.00	\$374.00	each
Additional Fee (each half hour thereafter)	\$183.00	\$188.00	per half hour

Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
<b>SHOWGROUNDS &amp; SPORTING FACILITIES</b>			
<b>CHILDERS SHOWGROUNDS</b>			
Not for Profit is 50% of total hire fees – excludes bonds.			
Set up and/or pack up is 50% of hire fees – excluding bonds.			
<b>BONDS</b>			
Refund of bond in full is subject to suitable condition of facility			
Facility Bond Payable – Large events	\$5,000.00	\$5,000.00	each
General Facility Bond Payable	\$1,000.00	\$1,000.00	each
<b>ALL FACILITIES</b>			
Includes grounds, hall, canteen and toilets excludes lights			
Up to 5 hours hire	\$182.00	\$187.00	per half day
Full day or night	\$322.00	\$331.00	per day or night
Hire charge for flood lighting – additional to facility hire fees	\$32.00	\$33.00	per hour
No discounts apply			
<b>EXHIBITION HALL</b>			
Includes toilets			
Hourly charge	\$46.00	\$48.00	per hour
Up to 5 hours hire	\$77.00	\$79.00	per half day or night
Full day or night hire	\$149.00	\$153.00	per day or night
<b>GRANDSTAND CANTEEN</b>			
Includes dining room, kitchen and canteen			
Full day or night hire	\$149.00	\$153.00	per day or night

Name	Year 17/18 Fee (incl. GST)	Year 18/19 Fee (incl. GST)	Unit
<b>GROUNDS</b>			
Includes toilets			
Up to 5 hours hire	\$92.00	\$95.00	per half day
Full day or night hire	\$322.00	\$331.00	per day or night
Hire charge for weekly/regular competition during day (canteen but no lights)	\$64.00	\$66.00	per day
Hire charge for regular training during day (canteen but no lights)	\$46.00	\$48.00	per day
Hire charge for regular Junior weekly competition during day (canteen but no lights)	\$33.00	\$34.00	per day
Hire charge for weekly/regular competition or training at night (includes lights and canteen)	\$77.00	\$79.00	per day
Hire charge for regular Junior weekly competition or training at night (includes lights and canteen)	\$56.00	\$58.00	per day
Hire charge for flood lighting – additional to facility hire fees	\$32.00	\$33.00	per hour
No discounts apply			
<b>BAR ONLY</b>			
Hire charge	\$134.00	\$138.00	per day or night
<b>CAMPING</b>			
In association with event only			
Hire charge for camping per unpowered site	\$15.00	\$16.00	per day
Hire charge for camping per powered site	\$18.00	\$22.00	per day
<b>TENNIS COURTS</b>			
<b>CHILDERS TENNIS COURTS</b>			
Bookings and hire fees payable are to be directed to Isis Tennis Club Inc 07 4126 6357			
Permanent key bond	\$64.00	\$64.00	each
Hire charge for courts – no lights, per court	\$6.00	\$6.00	per hour
Hire charge for courts – with lights, per court	\$14.00	\$14.00	per hour
Daily – 1 Court (until 6.00pm)	\$33.50	\$33.50	per day
Daily – 2 Courts (until 6.00pm)	\$54.00	\$54.00	per day
Daily – 4 Courts (until 6.00pm)	\$101.50	\$101.50	per day
Night – 1 Court (6.00pm – 11.00pm)	\$47.50	\$47.50	per night
Night – 2 Courts (6.00pm – 11.00pm)	\$68.00	\$68.00	per night
Night – 4 Courts (6.00pm – 11.00pm)	\$122.00	\$122.00	per night
<b>GIN GIN TENNIS COURTS</b>			
Bookings and hire fees payable are to be directed to Council's Gin Gin Service Centre, Dear Street, Gin Gin			
Day time hire of courts – per court	\$5.20	\$5.20	per hour
Night time hire of courts (commencing from 6pm) – per court	\$6.20	\$6.20	per hour



Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
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### SWIMMING POOLS

All bookings, passes and payments to be made at the pool complex.

#### ANZAC PARK SWIMMING POOL

##### ADMISSION FEES

Adults	\$4.00	\$4.00	each
Children (over 3 under 15)	\$3.00	\$3.00	each
Pensioner & Concessions	\$3.00	\$3.00	each
Primary & Secondary School Student when attending as part of a school booking only	\$2.00	\$2.00	each
Spectator – Non swimming adult	\$1.00	\$1.00	each
Spectator – Non swimming child	\$0.50	\$0.50	each

##### SEASON PASS

Adult	\$200.00	\$200.00	each
Child (over 3 under 15)	\$100.00	\$100.00	each
Primary & Secondary School Student	\$100.00	\$100.00	each
Family pass (2 parents 2 children) + \$20.00 additional child	\$500.00	\$500.00	each

##### POOL HIRE

Admission charges still apply. Available outside normal operating hours or by arrangement with Pool Lessee.

50 metre pool hire (Exclusive Use of Pool)	\$70.00	\$70.00	per hour
25 metre pool (Exclusive Use of Pool)	\$35.00	\$35.00	per hour
Entire Complex (Exclusive Use of Complex)	\$100.00	\$100.00	per hour

#### NORVILLE PARK SWIMMING POOL

##### ADMISSION FEES

Adult	\$4.00	\$4.00	each
Aged Pensioner	\$3.00	\$3.00	each
Child (over 3 under 15)	\$3.00	\$3.00	each
Primary & Secondary School Student when attending as part of a school booking only	\$2.00	\$2.00	each
Spectator – Non Swimming Adult	\$1.00	\$1.00	each
Spectator – Non Swimming Child	\$0.50	\$0.50	each

##### SEASON PASS

Adult	\$200.00	\$200.00	each
Child (over 3 under 15)	\$100.00	\$100.00	each
Primary & Secondary School Student	\$100.00	\$100.00	each
Family pass (2 parents 2 children) + \$20.00 additional child	\$500.00	\$500.00	each

Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
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**POOL HIRE**

Admission charges still apply, Available outside normal operating hours or by arrangement with pool lessee.

50 metre pool (Exclusive Use of Pool)	\$70.00	\$70.00	per hour
25 metre pool (Exclusive Use of Pool)	\$35.00	\$35.00	per hour
Entire Complex (Exclusive Use of Complex)	\$100.00	\$100.00	per hour

**ISIS DISTRICT WAR MEMORIAL SWIMMING POOL****ADMISSION FEES**

Adult	\$2.50	\$2.50	each
Pensioner	\$1.50	\$1.50	each
Child under 3 years		No charge	each
Children / Student (to Year 12)	\$1.50	\$1.50	each
Spectator – Non-Swimming adult	\$1.00	\$1.00	each
Spectator – Non-Swimming child	\$0.50	\$0.50	each

**SEASON PASS**

Family	\$253.00	\$253.00	each
Adult	\$150.00	\$150.00	each
Pensioner	\$90.00	\$90.00	each
Children / Student (to Year 12)	\$90.00	\$90.00	each

**POOL HIRE**

Admission charges still apply, Available outside normal operating hours or by arrangement with pool lessee.

Pool hire – Minimum 2 hours	\$50.00	\$50.00	per hour
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**GIN GIN SWIMMING POOL****ADMISSION FEES**

Adult	\$3.00	\$3.00	each
Children / Student (to Year 12)	\$2.00	\$2.00	each
Spectator – Non-Swimming Adult	\$1.00	\$1.00	each
Hot Water Shower	\$0.20	\$0.20	each
Child under 3 years		No charge	each

**SEASON PASS**

Spectator – Non-Swimming Child	\$0.50	\$0.50	each
Children / Student (to Year 12)	\$70.00	\$70.00	each
Adult	\$130.00	\$130.00	each
Book of Tickets (25) – Adult	\$60.00	\$60.00	each
Book of Tickets (25) – Children / Student (to Year 12)	\$30.00	\$30.00	each

Name	Year 17/18 Fee (incl. GST)	Year 18/19 Fee (incl. GST)	Unit
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**POOL HIRE**

Admission charges still apply, Available outside normal operating hours or by arrangement with pool lessee.

By arrangement.

By arrangement

**ATHLETICS FACILITY**

Includes all equipment.

Competitions – half day up to 4 hours	\$454.00	\$466.00	per half day
Competitions – full day	\$742.00	\$765.00	per day
Lighting – training	\$47.00	\$49.00	per hour
Lighting – competitions	\$68.00	\$70.00	per hour
Casual training – Members	\$3.10	\$3.20	per occasion
Casual training – Non Members	\$4.20	\$4.30	per occasion
Season Pass Training – Members (September to April)	\$165.00	\$170.00	each
Season Pass Training – Non Members (September to April)	\$268.00	\$275.00	each
Yearly Pass Training – Members Only	\$217.00	\$223.00	per annum
Clubhouse Meeting – Half day up to 4 hours	\$33.00	\$34.00	per occasion
Clubhouse Meeting – Full Day	\$55.00	\$57.00	per occasion

**WOODGATE SPORTS OVAL**

Bookings at Childers Service Centre

No facility bond however damage repairs or additional cleaning costs may apply

Hire charge for non powered camping per site	\$15.00	\$17.00	per day
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**MULTIPLEX STADIUM HIRE**

Bookings at PCYC

**COMMERCIAL HIRE RATES****NOT FOR PROFIT HIRE RATES****TOURISM****FAIRYMEAD HOUSE****GROUNDS HIRE CHARGES**

No bond, however damage repairs or additional cleaning costs may apply

Rotunda and Grass area	\$310.00	\$315.00	per occasion
Rotunda	\$186.00	\$190.00	per occasion
Front Gardens	\$186.00	\$190.00	per occasion
Rear Gardens	\$186.00	\$190.00	per occasion
Japanese Gardens	\$186.00	\$190.00	per occasion

Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
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#### FAIRYMEAD HOUSE & SUGAR MUSEUM ENTRY FEE

Bookings at Hinkler Hall of Aviation

Adult (over 17 years)	\$7.00	\$7.00	each
Senior Card Holder	\$5.00	\$5.00	each
Children (age 4-16)	\$3.00	\$3.00	each
Infant (age 0-3)		No charge	each
Family A (2 Adults, 2 Children)	\$15.00	\$15.00	each
Family B (1 Adult, 2 Children)	\$10.00	\$10.00	each

#### FUNCTION ROOM HIRE GROUP ONE: COMMUNITY ORGANISATIONS

No bond, however damage repairs or additional cleaning costs may apply.

Hire for up to 4 hours	\$60.00	\$65.00	per half day
Hire for up to 8 hours	\$95.00	\$100.00	per day or night

#### FUNCTION ROOM HIRE GROUP TWO: CORPORATE ORGANISATIONS, WEDDINGS, PRIVATE FUNCTIONS

Bond may be applied. Any damage, repairs or additional cleaning costs may apply.

Hire for up to 4 hours	\$110.00	\$115.00	per half day
Hire for up to 8 hours	\$180.00	\$185.00	per day or night

#### HINKLER HALL OF AVIATION

##### ADMISSION PRICES – LOCAL RESIDENT RATE (PROOF OF POST CODE REQUIRED)

Adult (over 17 years)	\$10.00	\$10.00	each
Senior Card Holder	\$7.00	\$7.00	each
Child (age 4-17 years)	\$5.00	\$5.00	each
Infant (under 4 years)		No charge	
Family A (2 Adults, 2 Children)	\$25.00	\$25.00	each
Family B (1 Adult, 2 Children)	\$15.00	\$15.00	each
Tour Group Member	Determined by valuation and a commercial agreement		each
School Group Member	\$4.40	\$4.40	each

##### ADMISSION PRICES – FULL RACK RATE

Adult (over 17 years)	\$18.00	\$18.00	each
Senior Card Holder	\$12.00	\$12.00	each
Child (4-17 years)	\$10.00	\$10.00	each
Infant (under 4 years)		No charge	
Family A (2 Adults, 2 Children)	\$40.00	\$40.00	each
Family B (1 Adult, 2 Children)	\$25.00	\$25.00	each
Tour Group Member	Determined by valuation and a commercial agreement		each
School Group Member	\$8.10	\$8.10	each

Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
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### MISCELLANEOUS

CSO Note: Breakdown of both the fee below and receipting codes:

Combined Attraction Adult \$24.00

\$15.00 – RC:450, ACC 10311.3201.1500

\$4.00 – RC:801, ACC: Cat 270 ID 59

\$5.00 – RC:121, ACC: 10311.3201.1541

Combined Attraction Senior \$17.00

\$10.50 – RC:450, ACC 10311.3201.1500

\$3.50 – RC:801, ACC: Cat 270 ID 59

\$3.00 – RC:121, ACC: 10311.3201.1541

Combined Attractions Ticket (Botanic Gardens Attractions ONLY) Adults	\$24.00	\$24.00	each
Combined Attractions Ticket (Botanic Gardens Attractions ONLY) Seniors	\$17.00	\$17.00	each

### WASTE MANAGEMENT

#### DOMESTIC WASTE (ALL FACILITIES – PER VEHICLE)

Utility/Trailer – All other waste	\$15.00	\$16.00	each
Sedan/Station Wagon	\$11.00	\$12.00	each
Sedan/Station Wagon/Utility/Trailer – Clean Green Waste	\$7.50	\$7.50	each
Light Commercial Vehicle (4 tonne to 4.5 tonne GVM)	\$37.00	\$39.00	each
Light Commercial Vehicle (4 tonne to 4.5 tonne GVM) – half load	\$21.00	\$22.00	each
Domestic Minimum (less than 240 litre size)	\$7.00	\$7.50	each

#### COMMERCIAL WASTE

General Waste from outside of Bundaberg Regional Council Boundaries – All Facilities	\$190.00	\$200.00	per tonne
Hazardous Waste (including Asbestos) from outside of Bundaberg Regional Council boundaries – All Facilities	\$240.00	\$250.00	per tonne
General Waste from within Bundaberg Regional Council boundaries – All Facilities (Minimum \$25.00) Minimum \$24.00	\$144.00	\$150.00	per tonne
Construction & Demolition Waste from within Bundaberg Regional Council boundaries – All Facilities except Qunaba (Minimum \$25.00) Minimum \$24.00	\$124.00	\$136.00	per tonne
Agricultural Plastic (Mulch Plastic) from within Bundaberg Regional Council boundaries – All Facilities except Qunaba (Minimum \$25.00) Minimum \$24.00	\$122.00	\$150.00	per tonne
Construction & Demolition Waste from within Bundaberg Regional Council boundaries – Qunaba Facility (Minimum \$25.00) Minimum \$24.00	\$101.00	\$106.00	per tonne
Agricultural Plastic (Mulch Plastic) from within Bundaberg Regional Council boundaries – Qunaba Facility (Minimum \$25.00) Minimum \$24.00	\$85.00	\$85.00	per tonne

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Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
<b>COMMERCIAL WASTE</b> [continued]			
Concrete – clean concrete loads from within Bundaberg Regional Council boundaries – All Facilities except Qunaba (Minimum \$25.00) Minimum \$24.00	\$91.00	\$91.00	per tonne
Concrete – clean concrete loads from within Bundaberg Regional Council boundaries – Qunaba Facility (Minimum \$25.00) Minimum \$24.00	\$70.00	\$70.00	per tonne
Green Waste – clean loads from within Bundaberg Regional Council boundaries – All Facilities except Qunaba (Minimum \$25.00) Minimum \$24.00	\$80.00	\$84.00	per tonne
Green Waste – clean loads from within Bundaberg Regional Council boundaries – Qunaba Facility (Minimum \$24.00) Minimum \$24.00	\$65.00	\$65.00	per tonne
Mower Clippings – clean loads from within Bundaberg Regional Council boundaries – All Facilities except Qunaba (Minimum \$22.00) Minimum \$20.00	\$75.00	\$75.00	per tonne
Mower Clippings – from within Bundaberg Regional Council boundaries – Qunaba Facility (Minimum \$18.00) Minimum \$17.00	\$65.00	\$65.00	per tonne
Garden Bag Green Waste – standard size approximately 1 cubic metre containing lawns clippings and small branches only – All Facilities	\$5.00	\$5.00	each
Cardboard or Co-mingled Recyclables – All Facilities	\$5.00	\$5.00	per load
<b>TYRES (THESE ITEMS ARE CHARGED SEPARATE TO OTHER FEES)</b>			
Motorbike/car/light utility	\$7.00	\$7.00	each
Four Wheel Drive	\$8.50	\$8.50	each
Truck	\$24.00	\$24.00	each
Tractor	\$68.00	\$68.00	each
Larger tyres	\$100.00	\$100.00	each
Bobcat	\$13.00	\$13.00	each
<b>OTHER CHARGABLE ITEMS (THESE ITEMS ARE CHARGED SEPARATE TO OTHER FEES)</b>			
Mattress – up to single bed size	\$5.00	\$5.00	each
Mattress – larger than single bed size	\$10.00	\$10.00	each
TV's & Monitors	\$0.00	\$0.00	each
Administration Fee	\$25.00	\$25.00	each
Special Burials (per 3 hours or part thereof)	\$150.00	\$150.00	each
Waste Contamination Fee	\$220.00	\$220.00	each
Authorised Disposal Application Fee (waste disposals requiring approval prior to disposal)	\$150.00	\$150.00	each
Event Bins (6-24 bins – delivery and collection within the Bundaberg Regional Council boundaries)	\$76.00	\$76.00	each
Event Bins – Servicing Fee	\$13.00	\$13.00	per bin
Un-scheduled Waste Collection Fee	\$28.00	\$28.00	each

Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
<b>SALES</b>			
Mulch – Commercial (loads greater than 10m3)	\$9.50	\$9.50	per cubic metre
Mulch – Domestic	\$10.00	\$10.00	per cubic metre
<b>WATER</b>			
<b>CONNECTIONS</b>			
20mm meter only (Developer installed service)	\$279.00	\$286.00	each
New connection and meter 20mm	\$1,194.00	\$1,225.00	each
New connection and meter 25mm	\$2,261.00	\$2,320.00	each
New connection and meter 32mm	\$3,181.00	\$3,265.00	each
New connection and meter 40mm	\$3,783.00	\$3,880.00	each
New connection and meter 50mm	\$4,322.00	\$4,435.00	each
Service and Meter greater than 50mm (including Fire Services)		By quotation	each
Water Disconnection equal to or less than 50mm (Tapping band and TPF&R to remain)	\$364.00	\$374.00	each
Water Disconnection greater than 50mm		By quotation	each
Connect to water supply outside declared area (subject to Council approval) (Infrastructure Charge + Connection cost)		By quotation – conditions apply	each
Tapping into live main 20mm (Tapping Only – Excavation and materials by others)	\$132.00	\$136.00	each
Isambert Lane water main contribution	\$4,509.00	\$4,625.00	each
<b>SUB-METERS</b>			
A separate words order to be created for each job as required.			
20mm Sub-meter (Water meter, 2 Ball valves and bracket)	\$279.00	\$286.00	each
25mm Sub-meter (Water meter, 2 Ball valves and bracket)	\$2,118.00	\$2,175.00	each
32mm Sub-meter (Water meter, 2 Ball valves and bracket)	\$2,504.00	\$2,570.00	each
40mm Sub-meter (Water meter, 2 Ball valves and free standing)	\$2,755.00	\$2,825.00	each
50mm Sub-meter (Water meter, 2 Ball valves and free standing)	\$3,443.00	\$3,530.00	each
Sub-meter greater than 50mm		By quotation	each
Disconnection of Sub-meter – all sizes and configurations	\$195.00	\$200.00	each
<b>WATER AND SEWER APPLICATIONS</b>			
Water Application Lodgement Fee	\$162.00	\$167.00	each
Sewer Application Lodgement Fee	\$162.00	\$167.00	each
Re-visitation for installation of Sub-meters	\$144.00	\$148.00	each
Application Lodgement of "Building Over Sewer"	\$162.00	\$167.00	each
Inspection for "Building Over Sewer"	\$144.00	\$148.00	each
Connectivity Audit Inspection	\$144.00	\$148.00	each

Name	Year 17/18 Fee (Incl. GST)	Year 18/19 Fee (Incl. GST)	Unit
<b>CONSUMPTION</b>			
Bulk Water Points – Crescent Street and Childers Depot	\$2.40	\$2.40	per kilolitre
Bulk Water Points – Cordalba (Raw Water)	\$2.40	\$2.40	per kilolitre
Bulk Water Points – Bundaberg	\$2.40	\$2.40	per kilolitre
Bulk Water Points – Gin Gin	\$2.40	\$2.40	per kilolitre
Annual Fee for Bulk Water Points – Administration and Billing Costs	\$267.00	\$274.00	each
Application Fee to Remove Water from Council's Bulk Water Points – Non Commercial	\$70.00	\$72.00	each
Application Fee to Remove Water from Council's Bulk Water Points – Commercial	\$280.00	\$287.00	each
Replacement of Rydan Tag	\$61.00	\$63.00	each
Short Term Hire Metered Hydrant Standpipe	\$49.00	\$51.00	per day
Long Term Hire Metered Hydrant Standpipe – Long Term Hire period up to three (3) months	\$300.00	\$308.00	per quarter
Long Term Hire Metered Hydrant Standpipe – Long Term Hire period up to six (6) months	\$600.00	\$615.00	per 6 months
Long Term Hire Metered Hydrant Standpipe – Long Term Hire period up to twelve (12) months	\$900.00	\$925.00	per annum
Metered Hydrant Cost	\$5.00	\$5.20	per kilolitre
Refundable Deposit – Metered Hydrant (Conditions Apply)	\$2,255.00	\$2,315.00	each
Witness water hydrant test (applicants are to cover advertisement costs. This cost covers Council permission & supervision).	\$133.00	\$137.00	each
<b>TESTING OF WATER METER</b>			
Testing of Water Meter		By quotation	each
<b>ADVERTISING ON WATER TANKS</b>			
Small signage on Water Tanks (rental issued for 5 year period)	\$349.00	\$358.00	per annum
Large signage on Water Tanks (rental issued for 5 year period)	\$419.00	\$430.00	per annum



**Item****22 May 2018****Item Number:**

E2

**File Number:**

.

**Part:**

FINANCE

**Portfolio:**

Organisational Services

**Subject:**

Financial Summary as at 1 May 2018

**Report Author:**

Anthony Keleher, Chief Financial Officer

**Authorised by:**

Amanda Pafumi, General Manager Organisational Services

**Link to Corporate Plan:**

Our People, Our Business - 3.1 A sustainable financial position.

**Background:**

In accordance with section 204 of the *Local Government Regulation 2012* a Financial Report must be presented to Council on a monthly basis. The attached Financial Report contains the Financial Summary and associated commentary as at 1 May 2018.

**Consultation:**

Financial Services Team

**Chief Legal Officer's Comments:**

Pursuant to section 204 of the *Local Government Regulation 2012* the local government must prepare and the Chief Executive Officer must present, the financial report. The financial report must state the progress that has been made in relation to the local government's budget for the period of the financial year up to a day as near as practicable to the end of the month before the meeting is held.

**Policy Implications:**

There appear to be no policy implications.

**Financial and Resource Implications:**

There appear to be no financial or resource implications.

**Risk Management Implications:**

There appears to be no risk management implications.

**Communications Strategy:**

Communications Team consulted.

- Yes
- No

**Attachments:**

[↓](#) 1 Financial Summary as at 1 May 2018

**Recommendation:**

**That the Financial Summary as at 1 May 2018 be noted by Council.**

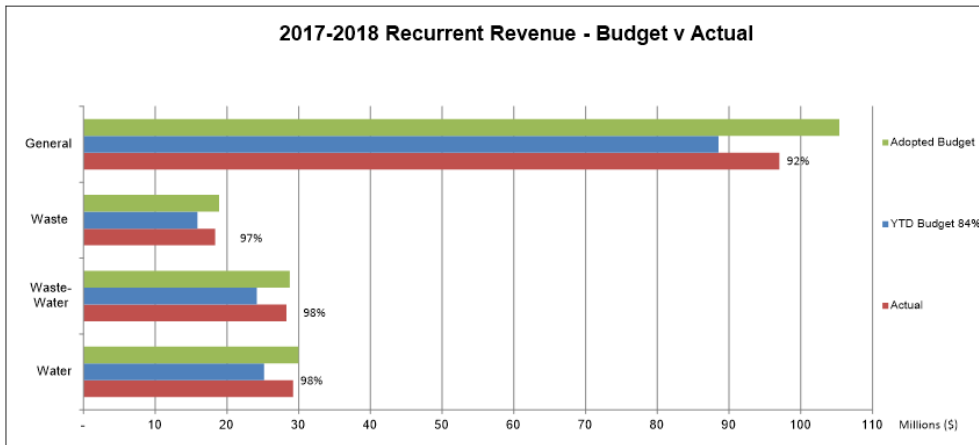
Financial Summary  
as at 01 May 2018

Progress check - 84%	Council			General			Waste			Wastewater			Water		
	Actual YTD	Adopted Budget	% Act/ Bud	Actual YTD	Adopted Budget	% Act/ Bud	Actual YTD	Adopted Budget	% Act/ Bud	Actual YTD	Adopted Budget	% Act/ Bud	Actual YTD	Adopted Budget	% Act/ Bud
<b>Recurrent Activities</b>															
<b>Revenue</b>															
General Rates and Utility Charges	150,270,898	153,185,171	98%	80,827,759	83,536,182	97%	14,539,565	14,537,949	100%	27,507,174	27,506,507	100%	27,596,200	27,604,533	100%
Less: Discounts and pensioner remissions	(8,336,765)	(8,319,862)	100%	(7,781,378)	(7,793,892)	100%	(189,893)	(190,000)	100%	(206,723)	(207,000)	100%	(158,773)	(159,000)	100%
	<b>141,933,933</b>	<b>144,865,279</b>	<b>98%</b>	<b>72,846,383</b>	<b>75,772,290</b>	<b>96%</b>	<b>14,349,672</b>	<b>14,347,949</b>	<b>100%</b>	<b>27,300,451</b>	<b>27,299,507</b>	<b>100%</b>	<b>27,437,427</b>	<b>27,445,533</b>	<b>100%</b>
Fees and Charges	20,451,536	25,412,446	80%	15,207,201	18,799,898	81%	3,782,304	4,308,348	88%	697,729	1,057,500	66%	764,302	1,276,700	60%
Interest Revenue	2,984,964	3,562,700	84%	1,435,988	1,689,100	85%	227,114	244,000	93%	304,842	396,600	77%	1,017,022	1,233,000	82%
Grants, Subsidies & Donations	7,487,227	9,089,305	82%	7,469,928	9,079,870	82%	10,344	4,487	231%	5,148	5,148	100%	1,807	-	-
Sale of Developed Land Inventory	66,464	66,464	100%	66,464	66,464	100%	-	-	-	-	-	-	-	-	-
<b>Total Recurrent Revenue</b>	<b>172,927,124</b>	<b>182,999,194</b>	<b>94%</b>	<b>97,028,962</b>	<b>105,380,422</b>	<b>92%</b>	<b>18,369,434</b>	<b>18,904,784</b>	<b>97%</b>	<b>28,308,170</b>	<b>28,758,755</b>	<b>98%</b>	<b>29,220,558</b>	<b>29,955,233</b>	<b>98%</b>
<b>Expenses</b>															
Employee Costs	49,839,139	65,648,582	76%	39,247,430	52,789,581	74%	4,092,709	4,934,471	83%	3,821,016	4,444,400	81%	2,877,084	3,500,130	82%
Materials and Services	43,327,177	60,288,176	72%	26,544,419	36,252,372	73%	7,010,503	9,283,407	76%	4,272,807	8,988,432	61%	5,469,448	7,785,985	71%
Finance Costs	2,777,863	3,952,853	70%	1,218,870	1,613,247	75%	587,931	762,650	77%	824,567	1,285,398	65%	148,516	311,580	48%
Depreciation	36,856,734	44,547,668	83%	27,268,908	32,992,791	83%	790,882	946,058	83%	4,263,229	5,138,589	83%	4,535,717	5,487,230	83%
<b>Total Recurrent Expenditure</b>	<b>132,800,933</b>	<b>174,437,279</b>	<b>76%</b>	<b>94,275,625</b>	<b>123,627,991</b>	<b>76%</b>	<b>12,482,025</b>	<b>15,929,586</b>	<b>78%</b>	<b>12,982,519</b>	<b>17,814,817</b>	<b>73%</b>	<b>13,060,764</b>	<b>17,064,885</b>	<b>77%</b>
<b>Operating Surplus</b>	<b>40,126,191</b>	<b>8,561,915</b>		<b>2,753,337</b>	<b>(18,247,569)</b>		<b>5,887,409</b>	<b>2,975,198</b>		<b>15,325,651</b>	<b>10,943,938</b>		<b>16,159,794</b>	<b>12,890,348</b>	
<b>Transfers to</b>															
Restricted Capital Cash	9,793,293	4,305,109		-	-		-	-		9,793,293	4,305,109		-	-	
NCP Transfers	-	-		(11,010,462)	(13,212,591)		(1,651,882)	(1,982,258)		5,532,358	6,538,829		7,130,016	8,556,020	
<b>Total Transfers</b>	<b>9,793,293</b>	<b>4,305,109</b>		<b>(11,010,462)</b>	<b>(13,212,591)</b>		<b>(1,651,882)</b>	<b>(1,982,258)</b>		<b>15,325,651</b>	<b>10,943,938</b>		<b>7,130,016</b>	<b>8,556,020</b>	
<b>Movement in Unallocated Surplus</b>	<b>30,332,898</b>	<b>4,256,806</b>		<b>13,763,829</b>	<b>(5,034,978)</b>		<b>7,539,291</b>	<b>4,957,456</b>		<b>-</b>	<b>-</b>		<b>9,029,778</b>	<b>4,334,328</b>	
Unallocated Surplus (Deficit) brought forward from prior year(s)	15,525,267	15,525,267		(4,379,023)	(4,379,023)		5,652,180	5,652,180		3	3		14,253,007	14,253,007	
<b>Unallocated Surplus (Deficit)</b>	<b>45,858,165</b>	<b>19,782,073</b>		<b>9,383,906</b>	<b>(9,414,901)</b>		<b>13,191,471</b>	<b>10,609,636</b>		<b>3</b>	<b>3</b>		<b>23,282,785</b>	<b>18,587,335</b>	
<b>Capital Activities</b>															
<b>Council's Capital Expenditure (Excludes Donated Assets)</b>															
Council Expenditure on Non-Current Assets	71,533,506	104,959,284	68%	45,093,342	69,033,558	65%	3,616,290	4,739,050	76%	19,291,663	26,094,909	74%	3,532,211	5,091,767	69%
Loan Redemption	4,233,572	5,740,885	74%	2,715,149	3,691,873	74%	351,009	478,058	74%	946,570	1,316,099	72%	210,644	284,655	77%
<b>Total Capital Expenditure</b>	<b>75,767,078</b>	<b>110,699,969</b>	<b>68%</b>	<b>47,808,491</b>	<b>72,695,431</b>	<b>66%</b>	<b>3,968,199</b>	<b>5,217,108</b>	<b>76%</b>	<b>20,238,233</b>	<b>27,411,008</b>	<b>74%</b>	<b>3,752,155</b>	<b>5,376,422</b>	<b>70%</b>
<b>Cash</b>															
Opening balance	106,021,236	106,021,236													
Movement - increase/(decrease)	18,575,798	(6,039,200)													
<b>Closing balance</b>	<b>124,597,034</b>	<b>99,982,036</b>													

Further to the Financial Summary Report as at 1 May 2018, the following key features are highlighted. The following figures are based on the 3<sup>rd</sup> Quarter Amended Budget.

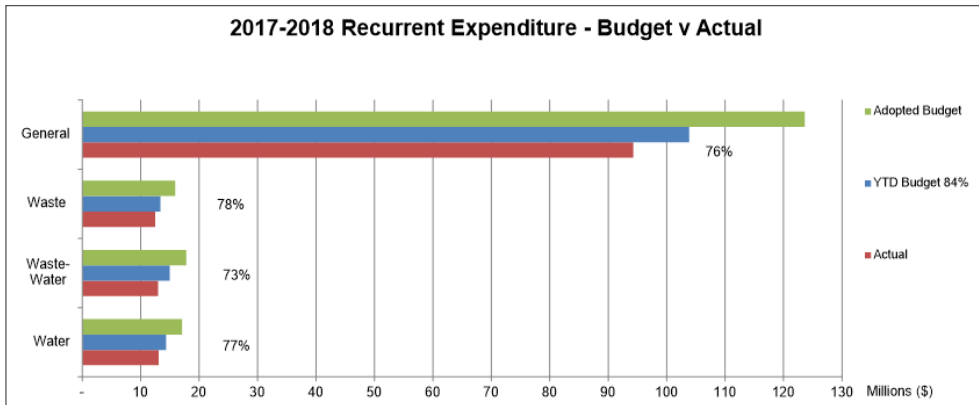
**Recurrent Revenue**

- Rating revenue is on budget. Council expects it will receive further rates income of approximately \$3 million in May and June through pre-payments.
- Fees and charges are slightly less than the YTD budget. Plumbing fees and recoverable works in the Water Business are trending lower than budget whilst some Health Licences are yet to be issued.
- Interest revenue is on budget.
- Grants and subsidies are on budget.



**Recurrent Expenditure**

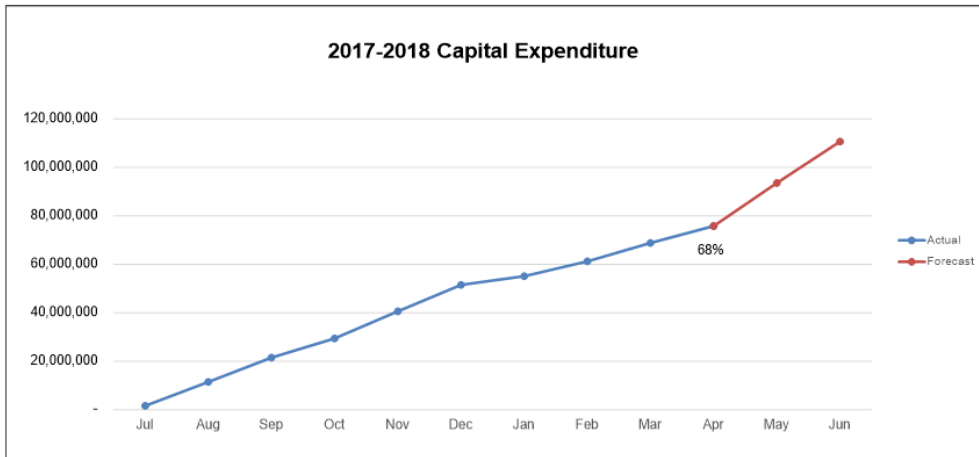
- Total Employee Costs are tracking lower than the YTD budget. This variance will narrow with the new Enterprise Agreement being certified, however Operating Wages are expected to be \$2.5 million less than budget. This is partially offset by an increase in Capital Wages of approximately \$1.5 million.
- Materials and Services are tracking lower than the YTD budget and are expected to be significantly less than the Annual Budget. Work is currently being undertaken with managers to identify where departmental savings have been achieved as part of the formulation of the 2018/19 budget and beyond.
- Finance costs to date are less than YTD budget which is to be expected given the loan repayment is made quarterly. The 4<sup>th</sup> quarter repayment will be made on the 15<sup>th</sup> June which will bring annual finance costs in line with budget expectations.
- The budgeted depreciation expenditure is apportioned evenly across the 12 months of the year.



**Capital Expenditure**

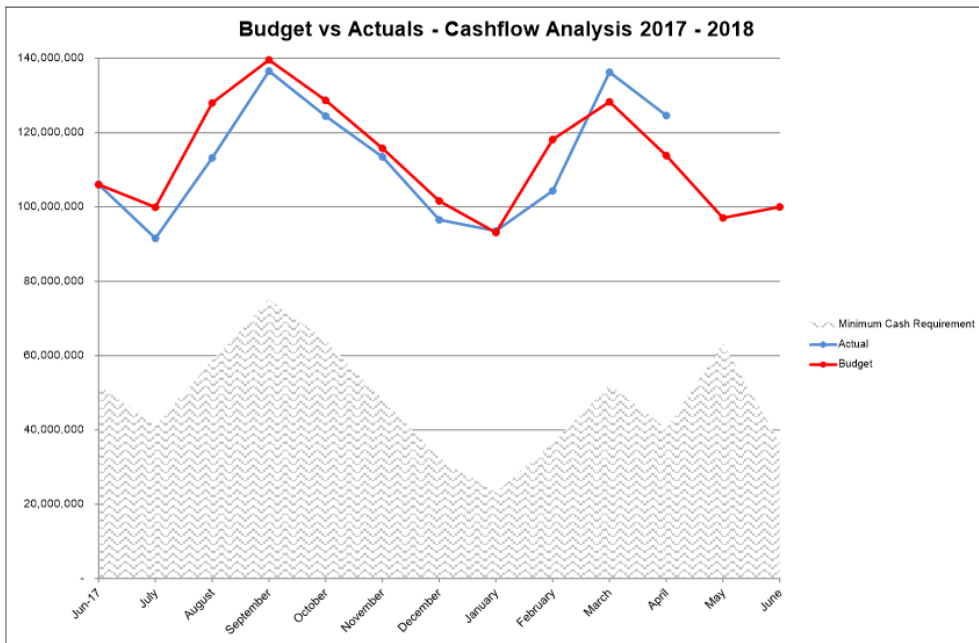
- Capital Expenditure is lower than the YTD budget. Project Managers have indicated that they expect the remaining works to be delivered during May and June in accordance with the 3<sup>rd</sup> Quarter Amended Budget. This may be impacted by schedule delays on some projects such as Burnett Heads CBD Revitalisation.

For more details regarding Capital Expenditure projects please refer to the summary of capital projects at the end of this report.



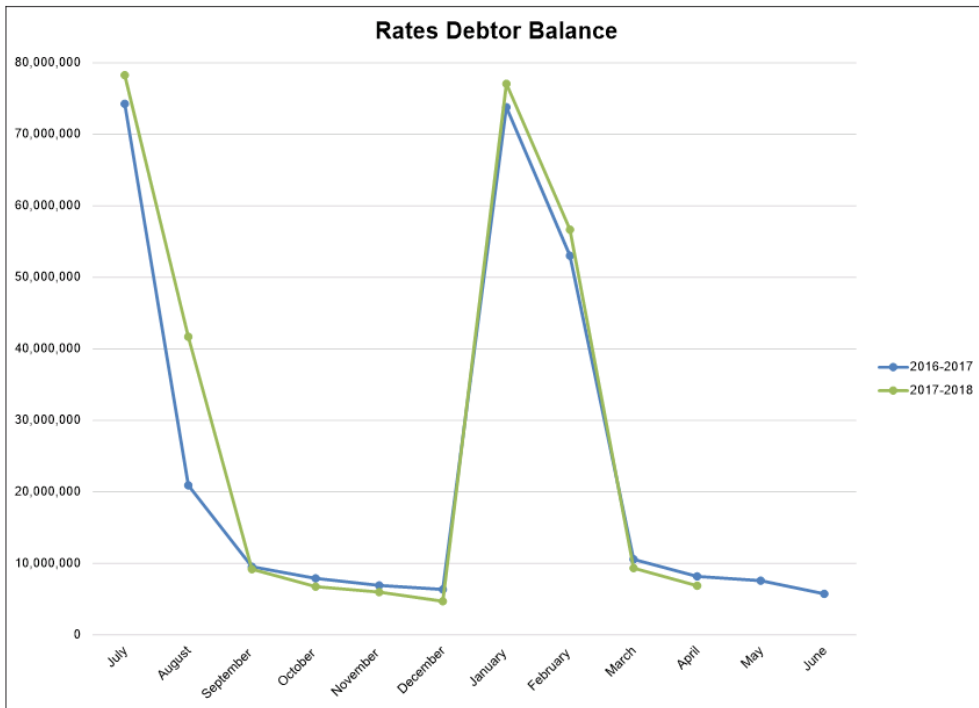
**Cash Flow**

- The cash balance as at 1 May 2018 was \$124.5 million, a decrease of \$11.7 million from the last report on 31 March 2018, reflecting the expected outlay on operations and the capital works program.
- Overall, the current cash balance is \$10.7 million more than forecast, largely due delays in the capital works program.
- Approved borrowings of \$25.5 million will be drawn down in early June.
- No short-term liquidity issues are foreseeable.



**Rates Debtor**

- Rates currently outstanding total \$6.9 million. This represents 4.18% of arrears compared to 5.35% this time last year.
- The rates recovery process for three properties where rates had been outstanding for more than three years has now been finalised with the auctioning of the three properties during April.





**Moderate + High Governance Projects as at 30 April 2018**

Projects with a budget exceeding \$500,000 over the life of the works

Project Description	Status *	% Complete	Monitor (Descriptor)	Life to Date				Financial Year 2018					
				Original Project Estimate (\$)	Adopted Budget (\$)	LTD Actuals (\$)	Est Final Cost (\$)	Adopted 2018 Budget (\$)	FY 2018 YTD Actuals (\$)	Committed (\$)	% Spend	Est Final Cost 2018 (\$)	Budget Variance (\$)
<b>Major Projects</b>													
Multi-Use Sport and Community Centre (Multiplex) Stage 1 Finalisation Costs		95%	Costs associated with the finalisation of Stage 1.		174,611	103,601	174,611	150,000	78,990	-	53%	150,000	-
Multi-Use Sport and Community Centre (Multiplex) Stage 2		95%	Original project scope is practically complete awaiting financial completion. Works continue to be undertaken to facilitate change of facility management to BRC.	12,500,000	12,265,119	11,982,443	12,265,119	9,055,957	8,773,281	-	97%	9,055,957	-
Demolition of Skating Rink and Lessee Compensation		5%	Contract for demolition has been awarded to Christensen Industries. Demolition has commenced and is due to be complete by end of May.	250,000	200,000	8,116	200,000	200,000	8,116	-	4%	200,000	-
Internal Roads and Intersections		100%	Costs have been finalised	3,115,118	3,115,118	3,115,118	3,115,118	-	-	-	-	-	-
Multi-Use Sport and Community Centre (Multiplex) Stage 1		100%	Costs have been finalised	9,500,000	15,622,817	15,622,817	15,622,817	-	-	-	-	-	-
			<i>Cost to Council</i>	<i>25,365,118</i>	<i>31,377,664</i>	<i>30,832,094</i>	<i>31,377,664</i>	<i>9,405,957</i>	<i>8,860,387</i>	<i>-</i>	<i>94%</i>	<i>9,405,957</i>	<i>-</i>
Bundaberg CBD Revitalisation		15%	Contract negotiations are ongoing for change of design scope. Minor delays due to transfer in the supplier delivering the design contract.		31,084,926	1,212,227	31,084,926	1,200,000	1,148,046	9,000	96%	1,200,000	-
Bundaberg CBD Streetscape Revitalisation - Non-Capital Costs			Work is ongoing.	16,000,000	179,254	154,538	179,254	100,000	75,284	13,000	75%	100,000	-
			<i>Cost to Council</i>	<i>16,000,000</i>	<i>31,264,181</i>	<i>1,366,765</i>	<i>31,264,181</i>	<i>1,300,000</i>	<i>1,223,330</i>	<i>22,000</i>	<i>94%</i>	<i>1,300,000</i>	<i>-</i>
Mount Perry Flood Evacuation Route Upgrade		95%	Land resumptions have now been finalised. Compensation payment to be made in May 2018.	8,758,570	5,513,944	4,764,246	5,513,944	850,000	100,302	4,726	12%	850,000	-
Mount Perry Flood Evacuation Route Upgrade Complementary Works including Retaining Wall, Open Drain, Botanic Gardens Pit and Water Main		100%	Costs have been finalised	-	1,273,584	1,273,584	1,273,584	-	-	-	-	-	-
			<i>Cost to Council</i>	<i>8,758,570</i>	<i>6,787,528</i>	<i>6,037,830</i>	<i>6,787,528</i>	<i>850,000</i>	<i>100,302</i>	<i>4,726</i>	<i>0%</i>	<i>850,000</i>	<i>-</i>
Burnett Heads CBD Revitalisation		34%	Construction has commenced delays experienced due to recent weather. Completion expected July 2018.	5,359,707	8,324,003	2,051,336	8,324,003	7,162,000	1,889,333	150,285	26%	7,162,000	-
East Bundaberg Tourism Precinct		5%	Concept design is complete. Detailed design is currently underway by Harrison Infrastructure Group. Construction planned to commence in 2019-2020 Financial Year.	457,000	1,005,652	55,510	1,005,652	100,000	49,858	-	50%	100,000	-

**Moderate + High Governance Projects as at 30 April 2018**

Projects with a budget exceeding \$500,000 over the life of the works

Project Description	Status *	% Complete	Monitor (Descriptor)	Life to Date				Financial Year 2018					
				Original Project Estimate (\$)	Adopted Budget (\$)	LTD Actuals (\$)	Est Final Cost (\$)	Adopted 2018 Budget (\$)	FY 2018 YTD Actuals (\$)	Committed (\$)	% Spend	Est Final Cost 2018 (\$)	Budget Variance (\$)
<b>Corporate Applications</b>													
Core System Replacement Program		95%	Costs relating to undertaking prefeasibility investigations for the Core System Replacement Program.		1,136,033	1,127,671	1,136,033	127,588	119,226	23,238	93%	127,588	-
Civica Authority Version 7 Upgrade		40%	Civica Authority upgrade from current Version 6.9 to Version 7 to support latest functionality. Roll out of version 7 expected June.	4,500,000	75,000	35,345	75,000	75,000	35,345	19,525	47%	75,000	-
Rugged Tablets - Proof of Concept		100%	Costs have been finalised		10,000	10,000	10,000	-	-	-	-	-	-
Software Programs		100%	Costs have been finalised		22,277	22,277	22,277	-	-	-	-	-	-
			<i>Cost to Council</i>	4,500,000	1,243,310	1,195,293	1,243,310	202,588	154,571	42,763	76%	202,588	-
<b>Airports and Tourism</b>													
Aviation Precinct - Construction of Stage 3		10%	Detailed design and costing are complete. Contract for construction to go out to tender early 2018/2019 Financial Year.	1,000,000	1,438,675	14,422	1,438,675	334,376	14,422	-	4%	334,376	-
Aviation Precinct - Construct Taxiway Alpha & Adjacent Aircraft Aprons		10%		420,000	4,318,300	-	4,318,300	-	-	-	-	-	-
Aviation Precinct - Sewer Pump Stations - Install Sewerage Pump Station at Bundaberg Regional Airport Aviation Precinct		50%	Construction has commenced and is due to be completed late June 2018.	378,000	423,371	148,115	423,371	410,000	134,744	9,450	33%	410,000	-
			<i>Cost to Council</i>	1,420,000	5,756,975	14,422	5,756,975	334,376	14,422	-	4%	334,376	-
<b>Waste Disposal Facilities</b>													
Bundaberg Regional Landfill - (Cedars Road) - Cell 3		95%	Currently under construction. Project to be completed by the end of May 2018. Savings achieved through competitive tendering.	4,294,000	3,872,808	3,236,459	3,672,808	3,800,000	3,163,650	63,593	83%	3,600,000	(200,000)
Qunaba Landfill Phytocapping Stage 1, Southern and Western Batters		5%	Project Manager is developing a Business Case in line with the Project Decision Framework. Project to commence by June 2019 with completion to occur in the 2019/2020 financial year.	802,500	802,500	277	802,500	-	277	-	-	-	-
<b>Roads and Drainage</b>													
Baldwin Swamp Multi Modal Pathways - Que Hee Street to Bundaberg Ring Road		50%	Project has commenced and is being delivered by day labour. Due to be complete September 2018.	1,000,000	1,016,641	346,478	816,641	1,000,000	329,837	258,059	33%	800,000	(200,000)

**Moderate + High Governance Projects as at 30 April 2018**

Projects with a budget exceeding \$500,000 over the life of the works

Project Description	Status *	% Complete	Monitor (Descriptor)	Life to Date				Financial Year 2018					
				Original Project Estimate (\$)	Adopted Budget (\$)	LTD Actuals (\$)	Est Final Cost (\$)	Adopted 2018 Budget (\$)	FY 2018 YTD Actuals (\$)	Committed (\$)	% Spend	Est Final Cost 2018 (\$)	Budget Variance (\$)
Hughes Road, Bargara - Extension - Stage 2 - Wearing Road to Watsons Road		20%	Project is currently being designed. Construction will commence in early 2019.		5,450,551	42,442	5,450,551	50,000	41,891	20,500	84%	50,000	-
Land Purchase for Road Reserve		60%	Resumption agreements are currently being negotiated.	6,000,000	710,000	484	710,000	710,000	484	-	-	710,000	-
<i>Cost to Council</i>				6,000,000	6,160,551	42,926	6,160,551	760,000	42,375	20,500	6%	760,000	-
Sprayed Bitumen Resurfacing Program		95%	Minor works to be finalised. Savings achieved through competitive tender process.	1,470,000	1,205,000	1,174,636	1,205,000	1,205,000	1,174,636	-	97%	1,205,000	-
Willis Street, Sharon - Burnett Downs Estate - Upgrade Drainage Work		10%	Detailed design is now complete. Construction to commence May 2018 and due to be complete late June 2018.	650,000	400,000	23,393	400,000	400,000	23,393	223,487	6%	400,000	-
Pine Creek Road - Roads Rehabilitation Program		100%	Costs have been finalised	591,000	435,000	433,893	433,893	435,000	433,893	-	100%	435,000	-
Avoca Street/Branyan Drive - Provision and Upgrade of On-Road Cycle Facilities - Stage 2A		100%	Costs have been finalised	700,000	282,996	282,996	282,996	141,736	141,737	-	100%	141,736	-
Avoca Street/Branyan Drive - Provision and Upgrade of On-Road Cycle Facilities - Stage 2B		95%	Minor works to be completed by May 2018 to finalise the project.	-	370,000	406,915	418,116	370,000	406,915	11,201	110%	418,116	48,115
<i>Cost to Council</i>				700,000	652,996	689,911	701,112	511,736	548,652	11,201	107%	559,852	48,115
Thabeban Fitzgerald Streets Roundabout - Works for Queensland Round 2		5%	Project is currently being designed. Construction to commence in the 2018/2019 Financial Year.	1,400,000	1,400,000	167,835	1,400,000	200,000	167,835	11,000	84%	200,000	-
Asphalt Rejuvenation Program		100%	Costs have been finalised	500,000	440,000	438,052	438,052	440,000	438,052	-	100%	438,052	(1,948)
Fitzgerald Street/ Eggmolesse Street, Norville - Construction of Roundabout - Works for Queensland Round 1		100%	Costs have been finalised.	1,400,000	1,792,667	1,793,401	1,793,401	1,685,535	1,686,268	-	100%	1,686,268	733

**Moderate + High Governance Projects as at 30 April 2018**

Projects with a budget exceeding \$500,000 over the life of the works

Project Description	Status *	% Complete	Monitor (Descriptor)	Life to Date				Financial Year 2018					
				Original Project Estimate (\$)	Adopted Budget (\$)	LTD Actuals (\$)	Est Final Cost (\$)	Adopted 2018 Budget (\$)	FY 2018 YTD Actuals (\$)	Committed (\$)	% Spend	Est Final Cost 2018 (\$)	Budget Variance (\$)
Johnston Street, Avoca - Upgrade		5%	Project is currently being designed. Drainage easement negotiations are finalised and agreements are currently being prepared.	995,015	510,000	129,553	510,000	300,000	129,553	194,386	43%	300,000	-
Road Rehabilitation Package 2 - Moorlands Road, Moorland		95%	Project is Practically Complete awaiting financial completion.	-	780,000	708,891	708,891	780,000	708,891	1,273	91%	708,891	(71,109)
Thabeban Stormwater Drainage Scheme - Stage 3		2%	Council officers will develop a Master Plan for future year expenditure. Current year expenditure is based on Council's contribution to the emergency services development. Project is currently being designed.	1,308,000	5,051,877	229,319	5,051,877	1,000,000	177,442	57,450	18%	1,000,000	-
Thabeban Stormwater Drainage Scheme - Stage 2		100%	Costs have been finalised	-	446,697	446,697	446,697	-	-	-	-	-	-
Thabeban Stormwater Drainage Scheme - Stage 1B		100%	Costs have been finalised	-	574,896	574,896	574,896	-	-	-	-	-	-
<i>Cost to Council</i>				<i>1,308,000</i>	<i>6,073,470</i>	<i>1,250,912</i>	<i>6,073,470</i>	<i>1,000,000</i>	<i>177,442</i>	<i>57,450</i>	<i>18%</i>	<i>1,000,000</i>	<i>-</i>
Ten Mile Road, Sharon - Upgrade and Widen Narrow Sealed Sections between CH 3.7 km and CH 4.9 km		95%	Project is Practically Complete awaiting financial completion.	2,650,000	220,000	33,926	220,000	220,000	33,926	92,441	15%	220,000	-
Ten Mile Road, Sharon - Upgrade and Widen Narrow Sealed Sections between CH 4.9 km and CH 7.3 km		5%	Detailed design is complete. Tender has been awarded to Berajondo. Construction will commence early May and due to be completed late June 2018.	-	1,220,000	215,257	1,220,000	1,220,000	215,257	-	18%	1,220,000	-
Ten Mile Road, Sharon - Upgrade and Widen Narrow Sealed Sections between CH 7.3 km and CH 10.75 km		95%	Project is practically complete awaiting financial completion.	-	860,000	853,364	860,000	860,000	853,364	818	99%	860,000	-
<i>Cost to Council</i>				<i>2,650,000</i>	<i>2,300,000</i>	<i>1,102,547</i>	<i>2,300,000</i>	<i>2,300,000</i>	<i>1,102,547</i>	<i>93,259</i>	<i>48%</i>	<i>2,300,000</i>	<i>-</i>
<b>Strategic Projects Co-Ordination</b>													
East Bundaberg Bio Hub Pipeline		2%	Currently assessing the Head Agreement for the Project. Revised Budget Request submitted to remove project. Council will not be undertaking this work this financial year.	500,000	1,433	1,433	1,433	1,433	1,433	-	100%	1,433	-

**Moderate + High Governance Projects as at 30 April 2018**

Projects with a budget exceeding \$500,000 over the life of the works

Project Description	Status *	% Complete	Monitor (Descriptor)	Life to Date				Financial Year 2018					
				Original Project Estimate (\$)	Adopted Budget (\$)	LTD Actuals (\$)	Est Final Cost (\$)	Adopted 2018 Budget (\$)	FY 2018 YTD Actuals (\$)	Committed (\$)	% Spend	Est Final Cost 2018 (\$)	Budget Variance (\$)
<b>Community Development</b>													
Norville Pool - Bucket Play Area - Works for Queensland Round 2		2%	Council are undertaking preliminary investigations into the capacity of the existing pool plant equipment to better inform a future tender. A design and construct tender is expected to be issued by May 2018.	500,000	550,000	3,915	550,000	60,000	3,915	5,000	7%	60,000	-
<b>Parks, Sport and Natural Areas</b>													
Natural Themed Playground Botanic Gardens		10%	Tender has closed and successful tenderer will be appointed in May 2018	350,000	500,000	1,093	500,000	500,000	1,093	-	-	500,000	-
Baldwin Environmental Wetlands - Water Quality Improvement - Works for Queensland Round 2		5%	Survey works and detail design has been completed by specialised wetland consultant.	500,000	500,000	39,737	500,000	40,000	39,737	-	99%	40,000	-
Nanning Garden Upgrade		95%	Project is Practically Complete awaiting financial completion.	1,189,098	1,189,098	1,141,534	1,189,098	824,118	776,554	-	94%	824,118	-
<b>Water and Wastewater</b>													
Smart Meter Trial		15%	Expressions of Interest have been shortlisted to 9 submissions. Presentations for these submissions were completed in March. Invitations for tender will be underway in May.	8,000,000	12,365,456	113,976	12,365,456	150,000	113,520	18,565	76%	150,000	-
Heaps Street New Roof Structure		100%	Costs have been finalised.	800,000	386,124	386,124	386,124	386,124	386,124	-	100%	386,124	-
Gregory Water Treatment Plant Upgrade		10%	Project is currently being designed. 60% Design Review scheduled for June.	16,200,000	12,182,847	433,695	12,182,847	572,608	323,457	143,758	56%	572,608	-
Kalkie Water Treatment Plant Quality Upgrade		10%	Project is currently being designed. 60% Design Review scheduled for June.	3,100,000	8,600,000	350,052	8,600,000	572,699	322,751	132,657	56%	572,699	-
Innes Park Dry Sewers		95%	Project is Practically Complete awaiting financial completion.	600,000	126,387	123,483	123,483	125,000	122,097	182	98%	125,000	-
Branyan WTP Clear Water Storage - New Roof Structure		15%	Construction has commenced and is due to be completed in June.	500,000	450,000	25,353	450,000	450,000	25,353	1,950	6%	450,000	-

**Moderate + High Governance Projects as at 30 April 2018**

Projects with a budget exceeding \$500,000 over the life of the works

Project Description	Status *	% Complete	Monitor (Descriptor)	Life to Date				Financial Year 2018					
				Original Project Estimate (\$)	Adopted Budget (\$)	LTD Actuals (\$)	Est Final Cost (\$)	Adopted 2018 Budget (\$)	FY 2018 YTD Actuals (\$)	Committed (\$)	% Spend	Est Final Cost 2018 (\$)	Budget Variance (\$)
Woodgate Vacuum Sewer Extension		55%	Construction has commenced and is due to be completed in August 2018.	1,500,000	2,100,000	939,059	2,100,000	2,064,797	903,856	489,731	44%	2,064,797	-
Childers Wastewater Treatment Plant Upgrade		10%	Project is currently being designed. 50% Design Review scheduled for May.	3,200,000	3,200,000	40,992	3,200,000	200,000	40,992	366,204	20%	200,000	-
Gin Gin Wastewater Treatment Plant Upgrade		10%	Options Analysis completed. Business Case to be completed by Project Manager. Design expected to commence 2019 (pending the completion of the design for Childers Wastewater Treatment Plant Upgrade).	3,700,000	3,700,000	24,096	3,700,000	100,000	24,096	232,203	24%	100,000	-
Port Sewerage Infrastructure - Installation of Gravity Reticulation System		100%	Costs have been finalised.	780,000	256,319	256,319	256,319	29,941	29,941	-	100%	29,941	-
Mon Repos Water		6%	Project is currently being designed. Construction due to commence June and programmed for completion in October.	670,000	650,000	3,287	650,000	75,000	3,287	-	4%	75,000	-
Mon Repos Wastewater		6%	Project is currently being designed. Construction due to commence June and programmed for completion in October.	900,000	900,000	44,281	900,000	75,000	44,281	4,800	59%	75,000	-
Coral Cove Sewer - Pebble Beach Drive New Pump Station, Rising Main and Gravity Main			Project completed under Budget.	950,000	923,741	915,329	915,329	200,000	191,589	-	96%	191,589	(8,411)
Coral Cove Sewer - Easement Negotiations and Compensation		100%	Costs have been finalised.	-	17,251	17,251	17,251	-	-	-	-	-	-
Coral Cove Sewer - Pebble Beach Drive New Pump Station, Rising Main and Gravity Main Non Capital Costs			Project Complete.	-	63,667	63,746	63,746	20,000	20,078	-	100%	20,078	78
<i>Cost to Council</i>				<i>950,000</i>	<i>1,004,659</i>	<i>996,326</i>	<i>996,326</i>	<i>220,000</i>	<i>211,667</i>	<i>-</i>	<i>96%</i>	<i>211,667</i>	<i>(8,333)</i>

**Moderate + High Governance Projects as at 30 April 2018**

Projects with a budget exceeding \$500,000 over the life of the works

Project Description	Status *	% Complete	Monitor (Descriptor)	Life to Date				Financial Year 2018					
				Original Project Estimate (\$)	Adopted Budget (\$)	LTD Actuals (\$)	Est Final Cost (\$)	Adopted 2018 Budget (\$)	FY 2018 YTD Actuals (\$)	Committed (\$)	% Spend	Est Final Cost 2018 (\$)	Budget Variance (\$)
Rubyanna STP - Design and Construction of Plant		90%	Commissioning phase is being finalised. Plant is Operational (mid April). Practical Completion is expected by the end of June. Budget Variation due to contingency not required to be utilised at this time.		54,227,378	45,646,161	51,226,910	19,835,778	16,049,659	8,001	81%	18,057,660	(1,778,118)
Project Administration and Control (All Stages)			Work is ongoing		1,005,000	891,257	1,005,000	109,593	60,907	3,146	56%	109,593	-
Non Capital Costs for Design and Construction of Rubyanna Plant			Work is ongoing		234,373	234,842	234,842	-	468	-	-	468	468
Decommissioning of Bundaberg East WWTP		15%	Initial decommissioning works commenced in January 2018. Further activities will be undertaken to decontaminate / make safe East WWTP now that Rubyanna WWTP is online. Project to be completed September 2019.	92,726,237	500,000	51,431	500,000	300,000	43,014	-	14%	300,000	-
Purchase of Land		100%	Costs have been finalised		2,667,537	2,667,537	2,667,537	-	-	-	-	-	-
Rubyanna STP Concept Study		100%	Costs have been finalised		53,700	53,700	53,700	-	-	-	-	-	-
Rubyanna STP - Trunk Pipelines Concept Design and Survey		100%	Costs have been finalised		7,057,331	7,057,331	7,057,331	-	-	-	-	-	-
Rubyanna WWTP River Outfall		100%	Costs have been finalised		4,495,809	4,495,809	4,495,809	-	-	-	-	-	-
Rubyanna WWTP Pipelines - Springhill Road to RWWTP		100%	Costs have been finalised		487,880	487,880	487,880	-	-	-	-	-	-
Rubyanna WWTP Pipelines - Darnell Street Sewerage Cutting		100%	Costs have been finalised		321,020	321,020	321,020	-	-	-	-	-	-
<i>Cost to Council</i>				92,726,237	71,050,028	61,906,967	68,050,028	20,245,371	16,154,049	11,146	80%	18,467,721	(1,777,650)

**Status Indicator Meaning**

	Initiative is proceeding to plan with no indication of future impediments
	Progress is not as expected but action is being/has been taken and is expected to be on track within the next quarter or financial year

Please note that completed projects may still have outstanding costs

**Capital Grants - Life to Date as at 30 April 2018**

Project Description	Funding Name	Total Approved Funding	LTD Grant Income Actuals	Percentage Received	Total Approved Expenditure	LTD Grant Expenditure Actuals	Percentage Spend	Approved Cost to Council	Current Actual Cost to Council	Funding Completion Date	Comments
<b>Major Projects</b>											
Multi-Use Sports and Community Centre - Stage 2	Building Our Regions	5,000,000	4,000,000	80%	12,260,000	11,969,564	98%	2,260,000	3,469,564	14/02/2018	Currently negotiating an extension of time with the Department to incorporate additional works. Final Claim to be submitted on completion of the project.
	Community Development Grant	5,000,000	4,500,000	90%							Currently negotiating an extension of time with the Department to incorporate additional works. Final Claim to be submitted on completion of the project.
Burnett Heads CBD Revitalisation	Building Our Regions	3,320,677	2,656,000	80%	6,641,355	2,051,336	31%	415,410	(1,043,385)	1/10/2018	Currently negotiating an extension of time with the Department due to schedule delays.
	Building Better Regions Fund	2,905,268	438,721	15%						30/06/2018	Currently negotiating an extension of time with the Department due to schedule delays. Milestone 1 has been submitted and is currently being assessed. Payment due in May 2018.
Bundaberg Regional Aviation and Aerospace Precinct - Stage 3	Building Our Regions	1,993,975	997,000	50%	5,239,560	14,422	0%	3,245,585	(982,578)	1/03/2019	Milestone 2 is due to be submitted in November 2018. Payment due in December 2018.
Elliott Heads Foreshore Redevelopment	Local Government Grants and Subsidies Program	1,604,144	481,243	30%	4,010,361	1,302	0%	2,406,217	(479,941)	18/10/2018	30% funding received at execution of agreement. The remaining funding is received progressively during construction.
<b>Wastewater</b>											
Rubyanna Sewerage Treatment Plant	Building Our Regions	5,000,000	4,250,000	85%	62,050,000	51,268,069	83%	57,050,000	47,018,069	30/07/2018	Final claim will be submitted for payment on completion of the project. This is expected to be in June, with payment received in July. Please note that total approved expenditure refers to the minimum expenditure required by the Grant funding.
<b>Roads and Drainage</b>											
On-Road Cycle Facilities (PCNP) on Avoca Street/Branyan Drive	Cycle Network Local Government Grants Program	392,500	294,375	75%	884,500	808,106	91%	492,000	513,731	30/06/2018	Milestone 1 has been received and the final claim will be submitted for payment on completion of the project.
Pathway Que Hee Street to Ring Road	Get Playing Plus	739,900	100,110	14%	1,479,800	346,478	23%	739,900	246,368	30/09/2018	Funding is received progressively each month during construction.
Quay Street East/Scotland Street - Pathway Principal Cycle Network Plan	Cycle Network Local Government Grants Program	151,374	113,531	75%	302,748	207,813	69%	151,374	94,283	30/06/2018	50% funding received at execution of agreement. A further 25% will be received upon commencement of the project. The final 25% will be received at project completion.



**Capital Grants - Life to Date as at 30 April 2018**

Project Description	Funding Name	Total Approved Funding	LTD Grant Income Actuals	Percentage Received	Total Approved Expenditure	LTD Grant Expenditure Actuals	Percentage Spend	Approved Cost to Council	Current Actual Cost to Council	Funding Completion Date	Comments
Woondooma Street/Tantiltha Street - Intersection Safety Improvements	BLACKSPOT	334,000	334,000	100%	334,000	451,505	135%	-	117,505	30/06/2018	50% funding received at execution of agreement. The final claim has been submitted and is currently being evaluated. Payment will be received in May 2018.
Woondooma Street/Targo Street - Intersection Safety Improvements	BLACKSPOT	291,500	145,750	50%	291,500	137,740	47%	-	(8,010)	30/06/2018	50% funding received at execution of agreement. The final 50% will be received on completion of the project.
Payne Street/Warrell Street - Intersection Safety Improvements	BLACKSPOT	142,500	142,500	100%	142,500	146,006	102%	-	3,506	30/06/2018	50% funding received at execution of agreement. The final 50% was claimed upon completion of the project. Final claim has been submitted and payment has been received in April.
Ten Mile Road Widening	Roads to Recovery	2,650,000	1,392,304	53%	2,650,000	1,102,547	42%	-	(289,757)	30/06/2018	Next Milestone payment due in May 2018.
2017-2018 TIDS Allocation	TIDS	3,395,153	2,973,289	88%	6,790,306	6,819,572	100%	3,395,153	3,846,283	30/06/2018	Funding is claimed monthly in arrears.
<b>Works for Queensland</b>											
Works for Queensland - Round 1	Works for Queensland	10,676,000	10,676,000	100%	10,676,000	13,112,329	123%	-	2,436,329	31/12/2017	Final Milestone payment has been received in April.
Works for Queensland - Round 2	Works for Queensland	10,573,000	5,286,500	50%	10,573,000	1,190,990	11%	-	(4,095,510)	30/06/2019	50% funding received at execution of agreement. A further 40% will be received upon expending the initial allocation. The final 10% will be received on completion of the project.



**Item**

**22 May 2018**

<b>Item Number:</b>	<b>File Number:</b>	<b>Part:</b>
F1	.	GOVERNANCE & COMMUNICATIONS

**Portfolio:**

Organisational Services

**Subject:**

Audit and Risk Committee Minutes & Charter

**Report Author:**

Nicole Miller, Executive Assistant

**Authorised by:**

Amanda Pafumi, General Manager Organisational Services

**Link to Corporate Plan:**

Our People, Our Business - 3.6 Responsible and ethical leadership and governance.

**Background:**

**Minutes**

The Audit and Risk Committee met on 13 February 2018, and the minutes are attached for Council’s information.

**Charter**

In order for the Committee to full understand its role and responsibilities and to operate effectively, best practice suggests the formation of an Audit and Risk Committee Charter. The Charter is reviewed annually and has been endorsed by the Audit and Risk Committee which is now provided to Council for adoption.

**Consultation:**

Representatives of Audit and Risk Committee.

**Chief Legal Officer’s Comments:**

There appear to be no legal implications

**Policy Implications:**

The recommendations within this report comply with Council’s governance framework.

**Financial and Resource Implications:**

The annual budget provides for costs associated with the Committee of \$4,000 per year. This is comprised of the total remuneration for the external committee members.

**Risk Management Implications:**

The various audit issues identified will be addressed by Council.

**Communications Strategy:**

Communications Team consulted.

- Yes
- No

**Attachments:**

[↓](#)1 Audit and Risk Committee Charter & Minutes 13 February 2018

**Recommendation:**

**That the:-**

- a) Minutes of the Audit and Risk Committee meeting held on 13 February 2018 be received and noted.**
- b) Audit & Risk Committee Charter be adopted.**



## AUDIT & RISK COMMITTEE MINUTES

Meeting held Tuesday 13 February 2018, commencing at 10.00 am  
at 190 Bourbong Street, Bundaberg

### Committee Attendance:

Bradley Grogan (Chair and External Representative)  
Debbie Rayner (External Representative)  
Cr Jack Dempsey (Mayor and Council Representative)  
Cr Helen Blackburn (Council Representative)

### By Invitation – Council Staff:

Amanda Pafumi, General Manager Organisational Services  
Amy Crouch, Executive Assistant Organisational Services (Minute Taker)  
Anthony Keleher, Chief Financial Officer  
Christopher Joosen, Governance Manager  
Dwayne Honor, Project Manager  
Elda Fortune, Risk & Insurance Officer  
Gavin Steele, General Manager Community & Environment  
Ian Norvock, Chief Information Officer  
John McMullen, IMS Team Leader  
Stephen Johnston, Chief Executive Officer  
Stuart Randle, General Manager Infrastructure

### By Invitation – Teleconference:

Clayton Russell, Pitcher Partners  
Jason Evans, Pitcher Partners  
Michael Keane, Queensland Audit Office

### **1. Welcome**

Bradley Grogan welcomed all present, and provided information about the Committee to new attendees.

### **2. Apologies**

Apologies from Council staff were noted:  
- Adam Wyatt, Group Manager Projects; and  
- Jason McCulloch, Internal Auditor.

### **3. Confirmation of Minutes**

It was agreed that the Minutes of the meeting held 24 October 2017, be taken as read and confirmed.

### **4. Welcome by Chief Executive Officer**

Being the first meeting for 2018, Stephen Johnston welcomed all Council staff.

### **5. 2018 Audit Workplan**

It was agreed that the 2018 Audit Workplan be noted.

## 6. Major Projects Update

Stuart Randle provided a verbal update on current major projects:

- i. Rubyanna Wastewater Treatment Plant: Project is anticipated to be completed mid-2018.

It was agreed that the report be noted.

- ii. Multi-Use Sport and Community Centre: The centre is now complete and operational. Final fitout of the facility will be completed soon.

It was agreed that the report be noted.

- b) CBD Revitalisation: Dwayne Honor provided an update of the project to date. Detailed design is anticipated for completion in October/November 2018.

It was agreed that the report be noted.

## 7. External Audit Update

Representatives from Pitcher Partners and Queensland Audit Office provided an overview of the External Audit Briefing Note and External Audit Plan, and addressed any queries raised.

It was agreed that the information be noted.

## 8. Assessment of Financial Information

Anthony Keleher provided information on:

- a) Financial Summary Report recently adopted by Council, noting some changes.
- b) Queensland Treasury Corporation (QTC) Supplementary Report.

It was agreed that the information be noted.

## 9. Assessment of Risks

Elda Fortune provided an update on risk management issues. Further updates will be provided to the next meeting on:

- Enterprise Risk Management Software;
- Fraud & Corruption/Crime Corruption Commission Update;
- Gift Policy Register.

It was agreed that the information be noted.

## 10. Internal Audit Update

Amanda Pafumi presented the following Internal Audit reports:

- a) Internal Audit Strategy and Update:
  - i. The Enterprise Asset Management (EAM) Project Health Check Audit be postponed to the next financial year for assessment and the budget retained as a cost saving.
  - ii. The proposed changes to the Audit and Risk Committee Charter be accepted.

It was agreed that the information contained in this report be noted by the Committee.

- b) Audit Reports:
- i. Cash Handling, Receipting and Banking at Elliott Heads Holiday Park;
  - ii. ICT Maturity Audit;
  - iii. Library Resource Purchasing; and
  - iv. Electronic Signatures Audit – noting quick solutions have been identified and will be addressed by Council's Chief Information Officer;

It was agreed that the information and recommendations agreed contained in the reports be noted.

#### 11. Internal Quality Audit

- a) Internal Quality Audit Reports: John McMullen presented the findings of Quality Audits:
- i. Central Laboratory Quality Objectives
  - ii. Thabeban Recycled Water Management Plan
  - iii. Childers Recycled Water Management Plan

It was agreed that the information and recommendations contained in the reports be noted.

- b) Status Report: John McMullen presented the status of corrective action requests.

It was agreed that the information contained in the report be noted.

#### 12. Self Assessment Survey

Amanda Pafumi presented the report.

It was agreed that the report and findings from the survey be noted.

#### 13. Stormwater Drainage Update

Anthony Keleher presented the report.

It was agreed that the report be noted.

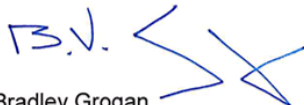
#### 14. Finance Risk Register

Anthony Keleher presented the report.

It was agreed that the report be noted.

#### 15. Next Meeting – Thursday 3 May 2018, 10.00 am

Meeting close 12.16 pm



Bradley Grogan  
Committee Chair



## **AUDIT & RISK COMMITTEE CHARTER**

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## **1. Introduction**

The Audit and Risk Committee ('Committee') is established in accordance with the *Local Government Act 2009* ('Act') which requires that each large local government must establish an audit committee.

The Committee will act as an advisory service to Bundaberg Regional Council ('Council') in the effective discharge of the responsibilities prescribed in the Act, the *Local Government Regulation 2012* ('Regulation') and other relevant legislation and prescribed requirements. In doing so, it will provide independent comment, advice and counsel on audit and risk management issues covering all Council operations and projects reported and considered by the Committee at its regular meetings.

The Committee does not replace or replicate established management responsibilities and delegations, the responsibilities of other executive management groups within Council, or the reporting lines and responsibilities of the internal audit, external audit or risk management functions.

This Charter sets out the Committee's authority and independence, objectives, duties and responsibilities, relationships, membership, ethical practices, meetings, induction material and performance management.

## **2. Authority and Independence**

In discharging its responsibilities, the Committee has the authority to:

- conduct or request investigations into matters within its scope of responsibility;
- access information, records and personnel of the Council for such purpose;
- request the attendance of any employee, including executive staff, at committee meetings;
- conduct meetings with the Council's internal and external auditors, as necessary; and
- seek advice from external parties to meet its responsibilities, as necessary.

Any request for additional audits (outside of the Annual Audit Plan), investigations or expenditure needs to be agreed to by the General Manager, Organisational Services.

## **3. Confidentiality**

The Committee members are responsible and accountable for maintaining the confidentiality of the information they receive during the conduct of their function. All external committee members shall sign a confidentiality agreement upon commencement.

## **4. Objectives**

The objective of the Committee is to assist Council and the Chief Executive Officer to discharge responsibilities imposed under the Act and other relevant legislation which includes the requirement to monitor and review:

- the integrity of financial documents;
- the internal audit function
- the effectiveness and objectivity of Council's Internal Auditor; and
- the effectiveness of Council's risk management and internal control frameworks.

The Committee also makes recommendations to Council and management about any matters that it considers need action or improvement.



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## 5. Duties and Responsibilities

In accordance with the principles for an Audit Committee set out in the Act, the Regulation and accepted best practices, the duties and responsibilities of the Committee are as follows:

### Internal Audit

- Review the budget, staffing and skills of the internal audit function;
- Review and endorse the annual internal audit plan and the strategic 3 year internal audit plan to confirm the adequacy of planned coverage and work priorities covering areas of greatest risk;
- Regularly review the internal audit annual plan including the currency of its scope and progress, and monitor any difficulties or restrictions on scope of activities or significant disagreements with management. Approve any significant changes to the internal audit annual plan;
- Review the findings and recommendations of internal audit activities and management responses;
- Review the implementation of internal audit recommendations accepted by management;
- Monitor external audit reports, the Council's response to these reports and the implementation of recommendations accepted by management; and
- Review the Council Policy - Internal Audit to ensure appropriate authority, access and reporting arrangements are maintained.

### Financial Statements

- Review the appropriateness of accounting policies adopted by Council and ensure the accounting policies adopted are relevant to Council and its specific circumstances;
- Review the appropriateness of significant assumptions and judgments made by management, particularly around estimations which impact on reported amounts of assets, liabilities, income and expenses in the financial statements;
- Review the financial statements for compliance with prescribed accounting and other requirements;
- Review, with management and the external auditors, the results of the external audit and any significant issues identified;
- Exercise an appropriate level of scepticism by questioning and seeking full and adequate explanations for any unusual transactions and their presentation in the financial statements;
- Analyse the Council's financial performance and financial position and seek explanation for significant trends or variations from budget or forecasts;
- Ensure that assurance with respect to the accuracy and completeness of the financial statements is given by management; and
- Recommend approval of the Financial Statements (including sustainability ratios) to the CEO and Mayor.

### Risk Management

- Review the risk management framework for identifying, monitoring and managing significant business risks, including fraud;
- Assess the impact of the Council's risk management framework on its control environment and insurance arrangements;
- Assess and contribute to the audit planning processes relating to the risks and threats to Council;
- Determine whether a sound and effective approach has been followed in establishing the Council's business continuity planning arrangements, including whether business continuity and disaster recovery plans have been periodically updated and tested;
- Review the process of developing and implementing the Council's fraud control arrangements and satisfy itself that Council has appropriate processes and systems in place to detect, capture and effectively respond to fraud-related information; and
- Review reports on fraud from the Council's Governance Manager that outline any identified allegations of fraud, the status of any ongoing investigations and any changes to identified fraud risk in the entity.

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#### **Internal Control Framework**

- Review, through the internal and external audit functions, the adequacy of the internal control structure and systems, including information technology security and control; and
- Review, through the internal and external audit functions, whether relevant policies and procedures are in place, up-to-date and complied with, including those for the management and exercise of delegations.

#### **External Audit**

- Provide input and feedback on the external auditor's proposed audit strategy and audit plan including financial statements, and consult on audit fees for the year;
- Review the findings and recommendations of external audit and the response to them by management;
- Ensure that there is no material overlap between the internal and external audit functions; and
- Review any external audit reports / better practice guides to determine if there are any learnings that may relate to Council.

#### **Compliance**

- Determine whether management has considered legal and compliance risks as part of Council's risk assessment and management arrangements;
- Review the effectiveness of the system for monitoring the Council's compliance with relevant laws, regulations and policies; and
- Review the findings of any examinations by regulatory agencies, and any auditor observations.

#### **Reporting**

- The Committee must prepare prompt and timely meeting minutes and reports to Council outlining relevant matters that have been considered by it, as well as the Committee's opinions and recommendations thereon;
- Circulate minutes of the Committee meetings to the Chief Executive Officer, committee members and invited guests as appropriate;
- At least twice (2) a year, the Committee Chairperson will prepare a report to Council summarising the performance and achievements of the Committee for the previous period. An interim program of the Committee's activities for the coming period also will be provided; and
- A summary of the role and achievements of the Committee shall be included in the Annual Report of Council together with a statement that the Committee has observed the terms of its charter.

### **6. Relationships**

#### **Internal Audit**

The Committee will act as a forum for Internal Audit and oversee its planning, monitoring and reporting processes. This process will form part of the governance processes that ensure that the Council's internal audit function operates effectively, efficiently and economically.

The Chair and relevant members may hold executive sessions with the Internal Auditor as required.

#### **IMS Team Leader and Governance Manager**

The Committee is to liaise with and have access to the IMS Team Leader to assist with supply of Internal Quality Audit information, issues or concerns.

The Governance Manager will provide assistance with the supply of risk management issues (including fraud related matters) or concerns.

#### **Council Executive Management Groups**

The Committee will liaise closely with other Council executive management groups and ensure, to the extent practicable, that there is no material overlap between the internal and external audit functions. The Committee will ensure there is a frank and meaningful exchange of information

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between the groups where this is necessary or desirable.

#### **Line Management**

The role of the Committee with respect to line management will focus on whether the actions proposed to address audit concerns are satisfactory and cost-effective and will enhance the effectiveness and efficiency with which Council delivers its outputs and contributes to whole of Council priorities. The Committee does not have the authority or ability to direct line management.

#### **External Audit**

The Committee has no power of direction over external audit or the manner in which the external audit is planned or undertaken but will act as a forum for the consideration of external audit findings and will ensure they are balanced with the views of management. The Committee will consult with external audit on the functions proposed in the audit strategy and audit fees for each year and ensure that an integrated audit process occurs, to the extent practicable. The Committee will review letters and reports provided by an external auditor.

### **7. Committee Membership**

The Committee will consist of two Councillors as per Chapter 5, Part 11, 'Auditing' of the Regulation and will be appointed by resolution by Council.

Collectively, the Committee shall possess:

- a thorough understanding of the core activities of Council and the environment in which it operates, including its strengths, weaknesses, opportunities and threats;
- a commitment to the continual improvement of the outputs Council delivers and that contribute to the achievement of Council's priorities;
- strong business acumen and management skills;
- a high level of understanding of best practice internal control, risk management and corporate governance;
- a sound knowledge of information systems and emerging technology;
- a high level of competency in financial and operational reporting and the ability to analyse complex financial reports, including Council's Operating Statement, Statement of Financial Position, Cash Flow Statement and Notes to and forming part of those statements;
- an inquiring attitude, objectivity and independence; and
- a strong, demonstrated sense of probity and ethical conduct.

To ensure independence and an appropriate mix of skills, two external members will be chosen and appointed to the Committee. When selecting an external member, Council must have regard to that person having appropriate accounting or similar background to provide additional expertise to Council.

Council members of the Committee should be given the opportunity to attend technical or professional development courses or training in relevant accounting, legislative or risk management areas to assist them in the performance of their role.

The membership of the Committee may be reviewed during the life of the Committee but will be reviewed following the completion of each general local government election.

#### **Committee Chairperson**

The Chairperson shall be elected by the Committee. To ensure independence, it is better practice that the Chairperson be an external committee member.

#### **Committee Secretary**

- The Secretary will be responsible for the preparation and circulation of the meeting agenda and accurately minuting all decisions of the Committee in consultation with its Chairperson;

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- The Secretary will also be responsible for the timely tabling of all correspondence, reports and other information relevant to the Committee's activities and operations; and
- The Secretary is to be provided by the General Manager, Organisational Services.

#### **8. Ethical Practices**

Members of the Committee will, at all times in the discharge of their duties and responsibilities, exercise honesty, objectivity and probity and not engage knowingly in acts or activities that have the potential to bring discredit to Council.

Members also must refrain from entering into any activity that may prejudice their ability to carry out their duties and responsibilities objectively and must at all times act in a proper and prudent manner in the use of information acquired in the course of their duties. Members must not use Council information for any personal gain for themselves or their immediate families or in any manner that would be contrary to law or detrimental to the welfare and goodwill of Council. Further, members must not publicly comment on matters relative to activities of the Committee other than as authorised by Council.

Members who become aware of a conflict of interest or issues which may affect their objectivity on matters raised within the Committee should advise the Chairman immediately. Should the Chairperson experience such a conflict he / she is to advise the Chief Executive Officer.

#### **9. Committee Meetings**

Meetings shall be conducted on a formal basis and be effectively minuted by the Secretary as to proceedings and decisions. Meeting agendas must be prepared and distributed to all members of the Committee at least seven working days prior to a meeting. Minutes of meetings must be prepared and distributed to Committee members as soon as possible after the conclusion of the meeting and must be confirmed as an accurate record of the meeting at the next subsequent meeting of the Committee.

In the setting of the Committee agenda, there will be an emphasis on the most significant risks and threats to Council and the ongoing evaluation of what is being done to mitigate such risks. The Committee shall meet as often as it determines, desirably quarterly but no less than two times per year. In addition, the Committee Chairperson may call such additional meetings as may be necessary to address any matters referred to the Committee or in respect of matters that the Committee wishes to pursue.

A quorum shall consist of at least three members.

As far as practicable, decisions of the Committee shall be regarded as its collective decision or advice. However, where there is material dissension to a decision, a minority view may be placed before Council.

#### **Other attendees at Committee Meetings**

The Chairperson may invite a representative of external audit or other appropriate persons to attend any meeting of the Committee and to present and comment on appropriate items.

Where advice is required in relation to a matter subject to a Committee inquiry and it is considered sufficiently material to warrant the services of a specialist consultant external to Council, the Committee may request Council for such expert assistance.

#### **10. Induction Material**

New Committee members will receive relevant information on their appointment to assist them to meet their Committee responsibilities.

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#### **11. Evaluation of Committee Activities**

The Committee will assess its performance and achievements against this Charter on an annual basis. All committee members will be asked to individually and anonymously complete an online self-assessment questionnaire to assist the Committee identify its strengths and weaknesses and recognise areas for future improvement. The Committee shall take appropriate action in respect of areas where there is a perceived need for enhancement of its role, operational processes or membership.

Annually, the Committee Chairperson will provide each individual member of the Committee with feedback on that person's work performance and professional contributions to the Committee's activities for the year.

Membership of the Committee will be reviewed by Council following each local government Election with the aim of ensuring appropriate balance between continuity of membership, the contribution of fresh perspectives and a suitable mix of skills, knowledge and experience.

External and non-executive management members are to be limited to a maximum of two terms equivalent to two local government elections.

#### **12. Review of the Charter**

This Charter will be reviewed annually by the Committee to ensure it remains consistent with the Committee's authority, objectives and responsibilities.

#### **13. Approval of the Charter**

The Charter is endorsed by the Chair of the Committee and approved by Council.

#### **14. References and Associated Documents**

[Local Government Act 2009](#)

[Local Government Regulation 2012](#)

[GP-3-002 Council Policy - Integrated Risk Management](#)

[GP-3-034 Council Policy - Internal Audit](#)

**Item****22 May 2018****Item Number:**

F2

**File Number:**

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**Part:**GOVERNANCE &  
COMMUNICATIONS**Portfolio:**

Organisational Services

**Subject:**

Expressions of Interest for Video Management System Software

**Report Author:**

Ian Norvock, Chief Information Officer

**Authorised by:**

Amanda Pafumi, General Manager Organisational Services

**Link to Corporate Plan:**

Our People, Our Business - 3.2 Strategic and coordinated asset investment and management.

**Background:**

Council currently has over 200 CCTV cameras throughout the region. With the two major CCTV projects underway (Waste facilities and Bundaberg Airport upgrade) and numerous smaller CCTV projects, the number of cameras is expected to grow to around 300 by 2019.

These cameras currently operate on aging software that was introduced when Council implemented the Safer Bundaberg project over three years ago. The software manages recording to regular CCTV recorders which lack functionality, integration and video analytical processing and are no longer fit for purpose with Council's needs for an expanding CCTV network.

There are a large amount of emerging CCTV Video Management Software products available in the market that would allow Council to have a more sophisticated system with additional capabilities. These additional capabilities will help support increased efficiencies with CCTV surveillance monitoring by Queensland Police Services and provide required functionality to support the Waste facilities and Bundaberg Airport projects.

Features and benefits of a new system include:

- Advanced analytical processing – vehicle number plate logging and alarms, intrusion detection, smart alerts, and business intelligence reports such as vehicle and people counting
- Options for integration into third party systems – security/access control system, POS etc.

- Improved system reliability, scalability and redundancy

The Expression of Interest will be conducted in accordance with the Regulation. The EOI is in the public interest as it will be used as a short-listing process which will save Council and prospective tenderers from wasting time and resources in responding to a tender.

The EOI will be useful in the contracting process in the following ways:

- Evaluating the supplier base in advance of establishing detailed project information.
- Narrow a large supplier base and establish a shorter list of suitable suppliers to approach for a tender.
- Council's exact requirements are too uncertain to enable tenders to be called initially as this is dependent upon assistance from suppliers in advising available technologies and potential technical solutions.

Council will prepare a shortlist from respondents to the Expression of Interest and invite tenders directly from those shortlisted.

#### **Consultation:**

Portfolio Spokesperson: Cr Helen Blackburn - Governance & Sport & Recreation:

Amanda Pafumi – General Manager Organisational Services

Amanda Sapolu – Chief Legal Officer

Troy Redden – Category Officer

Ian Norvock – Chief Information Officer

#### **Chief Legal Officer's Comments:**

The report supports the invitation of expressions of interest prior to inviting tenders. The expression of interest process must be conducted in accordance with section 228 of the Local Government Regulation 2012.

#### **Policy Implications:**

There appear to be no policy implications.

#### **Financial and Resource Implications:**

There are no financial implications. Internal resources will be utilised in evaluating the EOI responses.

#### **Risk Management Implications:**

There appears to be no risk management implications.

#### **Communications Strategy:**

Communications Team consulted.

- Yes
- No



**Attachments:**

Nil

**Recommendation:**

**To apply section 228(3) of the *Local Government Regulation 2012* and that it is in the public interest to invite Expressions of Interests before inviting written tenders for the supply of Video Management System Software.**

**Item****22 May 2018****Item Number:**

J1

**File Number:**

339.2017.16.1

**Part:**

PLANNING

**Portfolio:**

Planning &amp; Development Services

**Subject:**

Walkers Point, Woodgate - Request for Street Name

**Report Author:**

Adam Johnston, Senior Development Engineer

**Authorised by:**

Michael Ellery, Group Manager Development

**Link to Corporate Plan:**

Our Environment - 2.2 Sustainable built environments and local projects that support our growing population and promote economic investment and development.

**Background:**

The Woodgate Rural Fire Brigade advised, by letter dated 31 May 2017, that the Esplanade at Walkers Point is easily confused with the Esplanade at Woodgate as they are both in the locality of Woodgate. This results in GPS programs such as Google Maps not recognising the locality of Walkers Point near Woodgate, deferring to the Walkers Point locality near Maryborough. To reinforce this fact, Mr John Foster the Secretary of the Woodgate Rural Fire Brigade states:

*There have been incidents where emergency service responders have been directed to premises at Esplanade, Woodgate when in fact they were required at Esplanade, Walkers Point.*

The anomaly exists as the township of Walkers Point has historically been referred to as its own suburb or locality. This convention has continued to occur as Walkers Point does not have a postal service and correspondence is generally referred to the Owners' addresses. Noting the Owners have addresses that comply with the street addressing convention.

The Department of Natural Resources, Mines and Energy (DNRME) was approached about the possibility of creating a Walkers Point Locality near Woodgate. Their response was as follows:

*Locality names fall under the Place Names Act which is administered by this Department. Council will need to put forward a proposal in writing to create a new locality name of Walkers Point, within the Bundaberg Regional Council Local Government Area. As there is already a locality of that name in an adjoining LGA, it would be unlikely for this name to be supported.*

This matter was referred to Council for its consideration on 10 July 2017 where in principle agreement was given to extending Manley-Smith Drive, which connects to the Esplanade, to effectively replace the Esplanade. Correspondence was then sent to affected residents and a public meeting was arranged for 12 August 2017. The proposal was not accepted by resident. A subsequent meeting was arranged for 26 February 2018 that was attended by twenty-eight (28) members of the community, the divisional Councillor and local member of State Parliament, officers of the DNRME and an officer of Council. At that meeting it was resolved to:

- approach the community to seek their feedback to change the Esplanade to Walkers Point Esplanade, and
- To allow the change in dot point 1, ask for suggestions to change the name of Walkers Point Road (the entry road into the township of Walkers Point).

Also at the meeting, Mr Ken Sherwood (of DNRME) confirmed the State recognised that Walkers Point was a bounded township within the locality of Woodgate. However, the State would not approve either a new locality name or changing the locality to Walkers Point. He also reinforced that fines could apply if the locality of Woodgate was not used in subsequent addressing of the area.

A letter was sent, on 7 March 2018, to all residents of the township of Walkers Point incorporating the outcomes of the meeting and notifying about the fact that the locality of Woodgate would be used in subsequent residential addressing. No submissions against the renaming the Esplanade to Walkers Point Esplanade were received. Six names were proposed for Walkers Point Road. Three names did not comply with Council's street naming provisions (contained in the Planning Scheme Policy for Development Works) as follows:

- Old Nixons Way – suffixes and prefixes are not allowed;
- National Park Drive - a National Park is a State facility and as such could be confusing; and
- Burrum Coast Drive – as there is Burrum Street at Buxton.

The three suggested names that do comply with the Council's policy are:

- Bottle Brush Drive – there are a number of these plants in the national park and along the roadway;
- Timber Cutters Drive – logging has occurred historically in the area, and
- Nixons Drive – to reflect the historic association of the Nixons with Walkers Point. This was the only proposed name that had a submission against the proposal.

Of the three names suggested for the renaming of Walkers Point Road, it is considered that Nixons Drive is preferred given its historical connection to that place.

## **2. ASSESSMENT**

## 2.1 Street Names

	Yes	No
Does the proposal reflect aspects of the area in which it is located, including historical names?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is the proposal part of a theme for a development?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is the name a noun and generally contain one word? If a composite word, does the word supplement the primary name?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Where in an urban locality, are the proposed names unique to that locality?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Where in a rural area, is the proposed name unique to the Bundaberg region?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
For extensions to existing streets, does the extension retain the name of the street extended?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Note the extension of Manley-Smith Drive to rename the Esplanade was not accepted as the residents did not want to lose the Esplanade road type as it reflected the fact that the allotments faced the water.

It is considered that the proposed road name changes comply with the requirements of the planning scheme policy for development works.

## 3. PUBLIC NOTIFICATION

Extensive public consultation has been carried out as noted in section 1 of this report.

### Associated Person/Organization:

Not applicable

### Consultation:

Not applicable.

### Chief Legal Officer's Comments:

There appear to be no legal implications.

### Policy Implications:

There appear to be no policy implications.

### Financial and Resource Implications:

There appear to be no financial or resource implications.

### Risk Management Implications:

There appears to be no risk management implications.

### Communications Strategy:

Communications Team consulted.

- Required
- Not required

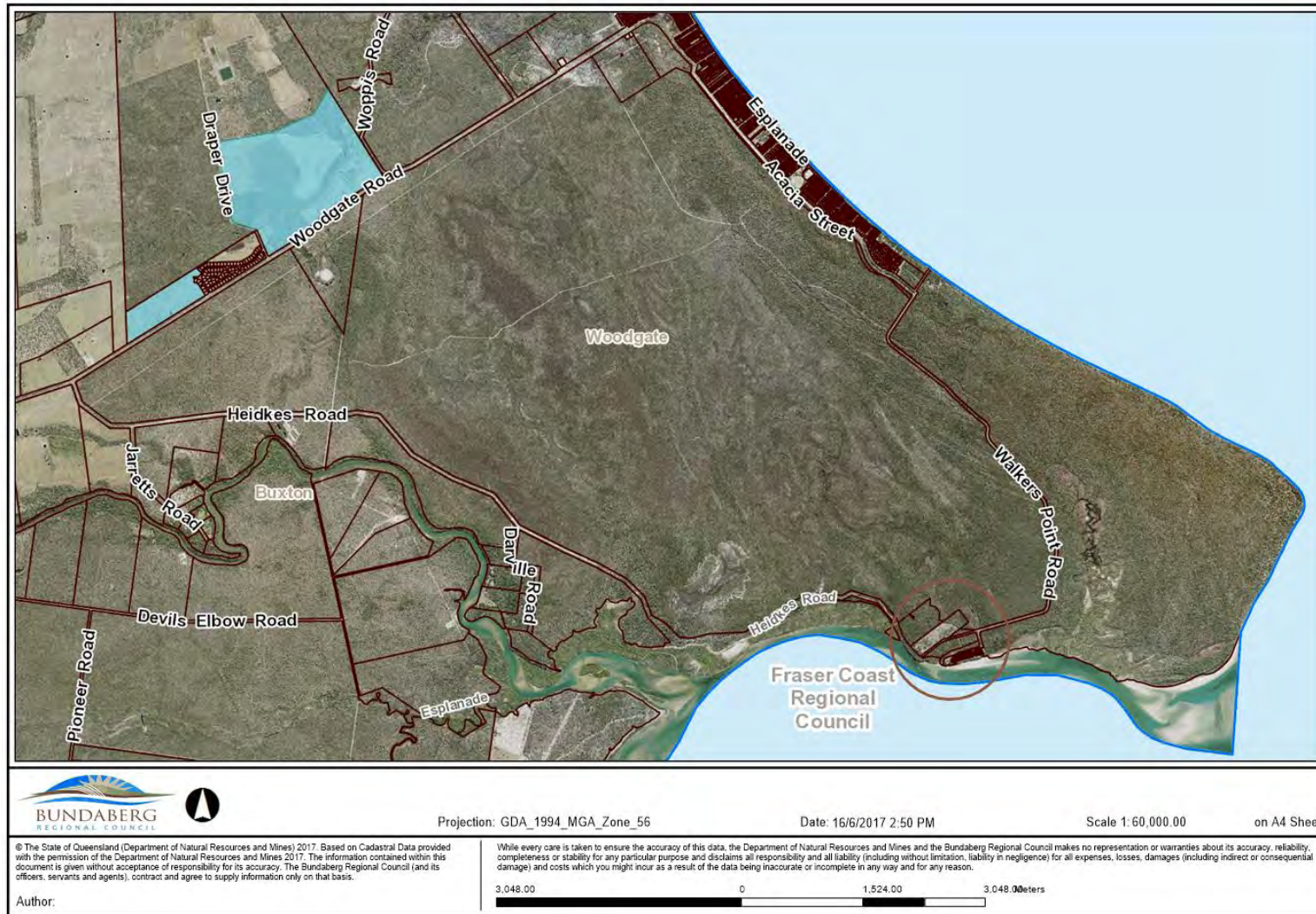
**Attachments:**

- [↓](#) 1 Locality Plan
- [↓](#) 2 Road Layout Plan

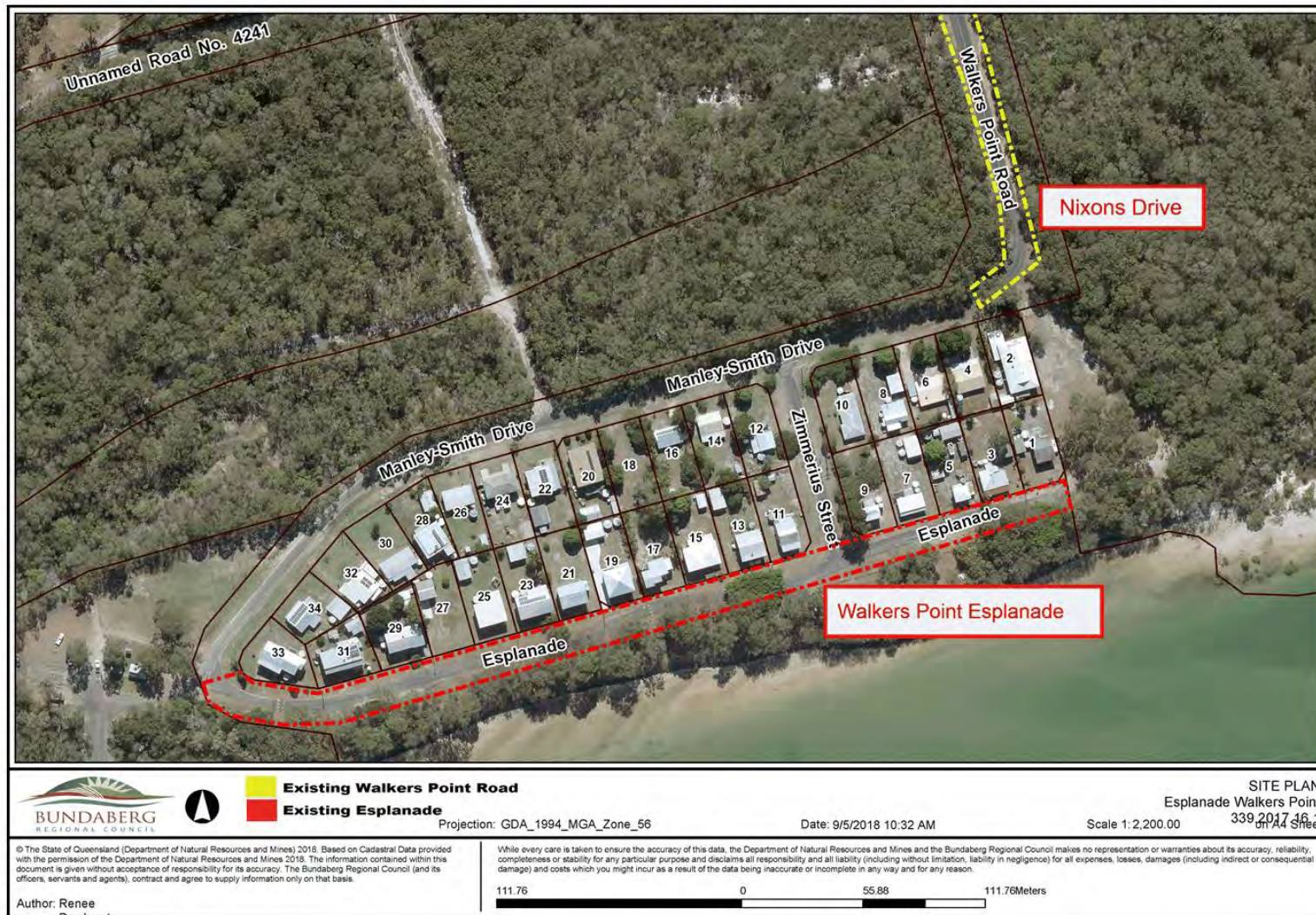
**Recommendation:**

**That:**

- 1. the Esplanade be re-named to Walkers Point Esplanade, and**
- 2. Walkers Point Road be re-named Nixons Drive.**









**Item**

**22 May 2018**

<b>Item Number:</b>	<b>File Number:</b>	<b>Part:</b>
K1	526.2018.42.1	DEVELOPMENT ASSESSMENT

**Portfolio:**

Planning & Development Services

**Subject:**

Tanner Street, 24 Whalley Street and Whalley Street and Grimwood Street, Bargara - Change Application for Minor Change (MCU - Entertainment Activity - Club)

**Report Author:**

Grant Barringer, Planning Officer

**Authorised by:**

Michael Ellery, Group Manager Development

**Link to Corporate Plan:**

Our Environment - 2.2 Sustainable built environments and local projects that support our growing population and promote economic investment and development.

**Summary:**

<b>APPLICATION NO.</b>	526.2018.42.1
<b>PROPOSAL</b>	Change Application for Minor Change (MCU - Entertainment Activity - Club)
<b>APPLICANT</b>	Bundaberg & District RSL & Citizens Memorial Club Inc
<b>OWNER</b>	Bundaberg & District RSL & Citizens Memorial Club Inc
<b>PROPERTY DESCRIPTION</b>	Lots 290-294 (inclusive), 296, 297 and 298-302 (inclusive) on RP7232 and Lots 1 and 2 on RP128877
<b>ADDRESS</b>	24 Whalley Street, Tanner Street and Grimwood Street, Bargara
<b>PLANNING SCHEME</b>	Bundaberg Regional Council Planning Scheme 2015
<b>ZONING</b>	Sport & Recreation Zone
<b>OVERLAYS</b>	Acid Sulphate Soils Overlay – Areas 1 and 2 Coastal Protection: Sea Turtle Sensitive Area
<b>ORIGINAL APPLICATION NO.</b>	522.2017.19.1
<b>DATE OF ORIGINAL DECISION</b>	7 February 2018
<b>DATE CHANGE APPLICATION RECEIVED</b>	13 April 2018



<b>PROPERLY MADE DATE</b>	17 April 2018
<b>STATUS</b>	The 20 business day decision period ends on 16 May 2016
<b>REFERRAL AGENCIES</b>	Not applicable
<b>SITE INSPECTION CONDUCTED</b>	13 December 2017
<b>LEVEL OF DELEGATION</b>	Level 3

## 1. INTRODUCTION

On the 7 February 2018, the applicant was issued with a conditional development permit for Material Change of Use for a Club (extension to the sports club) over the subject site.

This change application, lodged with Council on the 13 April 2018, seeks to make a *minor change* of the development permit by amending Condition 11 which reads:

***Nature and Extent of the Approved Use***

11. *Unless otherwise approved in writing by the Assessment Manager, the hours of the approved use are limited to 9am to 12am daily.*

The applicant seeks to amend the condition to allow for nightly trading until 2am for gaming machine operations.

The applicant clarifies in representations to Council that the proposed extension to trading (i.e. 12 midnight to 2am) would not include a liquor service between the proposed extended hours.

### 1.1. Nature/Description of Requested Change

The Applicant submitted representations to Council relating to the following:

- Amend condition 11 (Nature and Extent of the approved use) to extend the nightly trading hours of the gaming machine operations until 2am daily. The proposed amended condition be requested to read:

***Nature and Extent of the Approved Use***

*Unless otherwise approved in writing by the Assessment Manager, the hours of the approved use are limited to 9am to 12am daily except with respect to the machine gaming operation only, which is limited to 9am to 2am daily.*

The applicant provided commentary that the proposed change is considered a Minor Change.

### 1.2. Site Description

The development site comprises 14 allotments: Lots 290-294 and Lots 296-302 on RP7232 and Lots 1-2 on RP128877 with a combined area of 13,375m<sup>2</sup>.

Five (5) allotments (Lots 290, 291, 292, 293 and 294) address and contribute to a combined frontage of approximately 122.8 metres to Tanner Street.

Five (5) allotments (Lots 294, 1, 2, 296 and 297) address and contribute to a combined frontage of 102.3 metres to Whalley Street and six (6) allotments (Lots 297,

298, 299, 300, 301 and 302) address and contribute to a combined frontage of approximately 143.6 metres to Grimwood Street. Lots 294 and 297 have dual street frontages.

The site is improved by the Sandhills Sports Club (formerly Bargara Bowls Club), three (3) bowling greens and access and parking areas. The bowling greens are located over Lots 292, 293, 298, 299, 300 and 301 with the clubhouse and associated access and parking areas over Lots 294, 295, 296 and 297 all fronting Whalley Street. Lots 290, 291 located in the north-eastern corner of the site are currently unused.

The clubhouse is a single storey rectangular building covering approximately 750m<sup>2</sup>.

Access to the site is currently via both Grimwood Street and Whalley Street. A total of 28 formal car parking spaces are provided and generally located in the south-western corner of the development site. An overflow car parking area is located on the corner of Tanner Street and Whalley Street.

The surrounding area comprises low density residential zoned allotments containing residential dwellings. It is noted that the Queensland Fire and Rescue Service depot and Tiny Tots Park are directly north of the subject site. The site is located 400 metres north of the Bargara commercial centre and 350 metres north-east of the Bargara Shopping Centre.

## 2. ASSESSMENT PROVISIONS

### 2.1. Assessment Benchmarks

The following are the benchmarks applying for this development:

Benchmarks applying for the development	Benchmark reference
<b>Zone Code:</b> Sport & Recreation Zone	Bundaberg Regional Council Planning Scheme 2015
<b>Overlay Code</b> <ul style="list-style-type: none"> <li>Acid sulfate soils overlay code</li> </ul>	Bundaberg Regional Council Planning Scheme 2015
<b>Use Code</b> <ul style="list-style-type: none"> <li>Business uses code</li> </ul>	Bundaberg Regional Council Planning Scheme 2015
<b>Other Development Code</b> <ul style="list-style-type: none"> <li>Landscaping code</li> <li>Nuisance code</li> <li>Transport and parking code</li> <li>Works, services and infrastructure code</li> </ul>	Bundaberg Regional Council Planning Scheme 2015
<b>Planning Scheme Policies</b>	Bundaberg Regional Council Planning Scheme 2015

Benchmarks applying for the development	Benchmark reference
<ul style="list-style-type: none"> <li>• Planning scheme policy for development works</li> <li>• Planning scheme policy for waste management</li> </ul>	
<ul style="list-style-type: none"> <li>• Interim Development Assessment Requirements</li> </ul>	State Planning Policy

*Note: Assessment against the Coastal Urban Growth Local Plan code was not required given the assessment is bounded by the listed code in section 5 of the planning Scheme*

### 3. ISSUES RELEVANT TO THE APPLICATION

The following significant issues have been identified in the assessment of the application:

#### Operating Hours

The applicant originally proposed (under Council reference 522.2017.19.1) to operate the Club between 9am to 2am daily. In response to the Council issued information request and outstanding matters letter, the applicant via letter dated 19 January 2018, proposed to amend the proposed trading hours to the following:

- Restricting after midnight trading to Friday and Saturday nights only
- Limiting the numbers of these trading nights after midnight (i.e. 2am) to 24 per year (i.e. 2 per month);
- Employing the club’s bus to transport patrons home from midnight to 3am on these nights (which may be levied by the club); and
- Prepare and implementing a patron management plan to manage patron behaviour and noise outside the building after midnight.

An assessment of the proposed trial against the planning scheme criteria was undertaken resulting in officer recommendation and subsequent conditional approval of a 9am to 12 midnight trading limit only.

This current change application request includes a response statement against Performance Outcome 9 (PO9) of the Business Uses Code which specifically deals with *Environmental management and amenity of residential premises*.

The applicant contends that an existing use right exists for gaming machine operation until 2am within the existing facility over the subject site. The applicant prescribes in the change application that the use right would be “transferred” from the existing building to the approved new building. A review of historical files has not not found any documented evidence of this alleged use right, nor has the applicant provided evidence to this effect (which was sought during the recent assessment of the approved development - 522.2017.19.1)

The applicant has not provided additional material for consideration beyond what was foreshadowed in the original application that operating outside the conditioned operating hours (9am to 12 midnight) for the Club will not have unreasonable impacts of the amenity or environmental quality of the locale, especially any nearby residential premises.

Further, Council Officers hold concern in defining, conditioning and regulating how the proposed use must operate, for the purpose of gaming machine operation only between 12 midnight and 2am.

Given the location of the proposed club (surrounded by low density residential uses and its respective zoned land) the proposed 2am closing time (in this instance for gaming machine operation only) remains an unacceptable outcome and is not supported. It is still considered that any trading after 12 midnight is in conflict with Acceptable Outcome 9.1 and 9.2, Performance Outcome 9 and section 9.2.1.2 (1)(b) and 9.2.1.2(d) of the Business Uses Code.

#### **4. REFERRALS**

##### **4.1 Internal Referrals**

Not Applicable

##### **4.2 Referral Agency**

Not Applicable

#### **5. REASONS FOR DECISION TO REFUSE CHANGE APPLICATION**

The reasons for this decision are:

- The change application was assessed in accordance with section 81 of the *Planning Act 2016*;
- The benchmarks of the Bundaberg Regional Planning Scheme 2015, where relevant to the assessment of the proposed minor change have not changed since the development was conditionally approved.
- The proposal is located on land surrounded by predominately low density residential uses (sensitive land uses) within the Low density residential zone to the west, South and East;
- Extending the operating hours for the approved use (or components of the use in this case game machine operation) is likely to result in unreasonable impacts on adjoining properties, particularly residential premises, and cannot be reasonably mitigated through the application of lawful conditions; and
- The proposed change is in conflict with the Business Uses Code and the applicant has not demonstrated that sufficient grounds exist to approve the change despite this conflict.

##### **Communication Strategy:**

Communications Team consulted. A Communication Strategy is:

- Not required
- Required

**Attachments:**

- [↓1](#) Locality Plan
- [↓2](#) Site Plan
- [↓3](#) Original Decision Notice Package

**Recommendation:**

**That Change Application 526.2018.42.1 detailed below be decided as follows:**

**1. Location details**

---

Street address: 24 Whalley Street, Tanner Street and Grimwood Street, Bargara

Real property description: Lots 290-294 (inclusive), 296, 297 and 298-302 (inclusive) on RP7232 and Lots 1 and 2 on RP128877

Local government area: Bundaberg Regional Council

**2. Details of Original Approval**

---

Material Change of Use for Club (Extension to Sports Club)

Date of Approval: 7 February 2018

Application Number: 522.2017.19.1

**3. Details of the proposed development**

---

Development Permit for Change Application (Minor Change (MCU - Entertainment Activity - Club)

**4. Decision for change application**

---

Decision details: The Bundaberg Regional Council has decided to:

Refuse to make the change. Reasons for the decision to refuse the change application are set out in Schedule 1.

**5. Rights of appeal**

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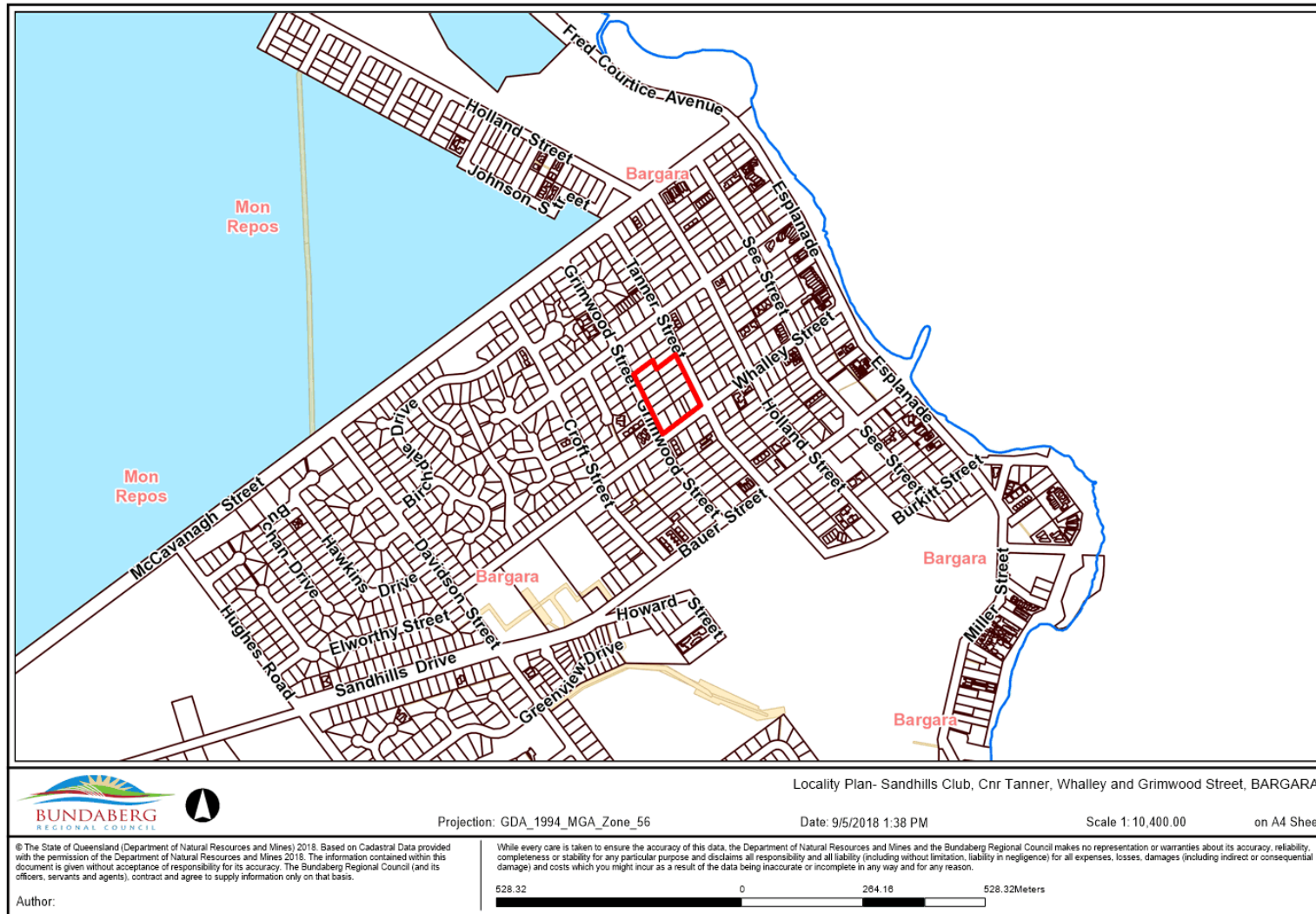
The rights of applicants to appeal to a tribunal or the Planning and Environment Court against decisions about a development application are set out in chapter 6, part 1 of the *Planning Act 2016*. For particular applications, there may also be a right to make an application for a declaration by a tribunal (see chapter 6, part 2 of the *Planning Act 2016*).

A copy of the relevant appeal provisions are included in Schedule 2.

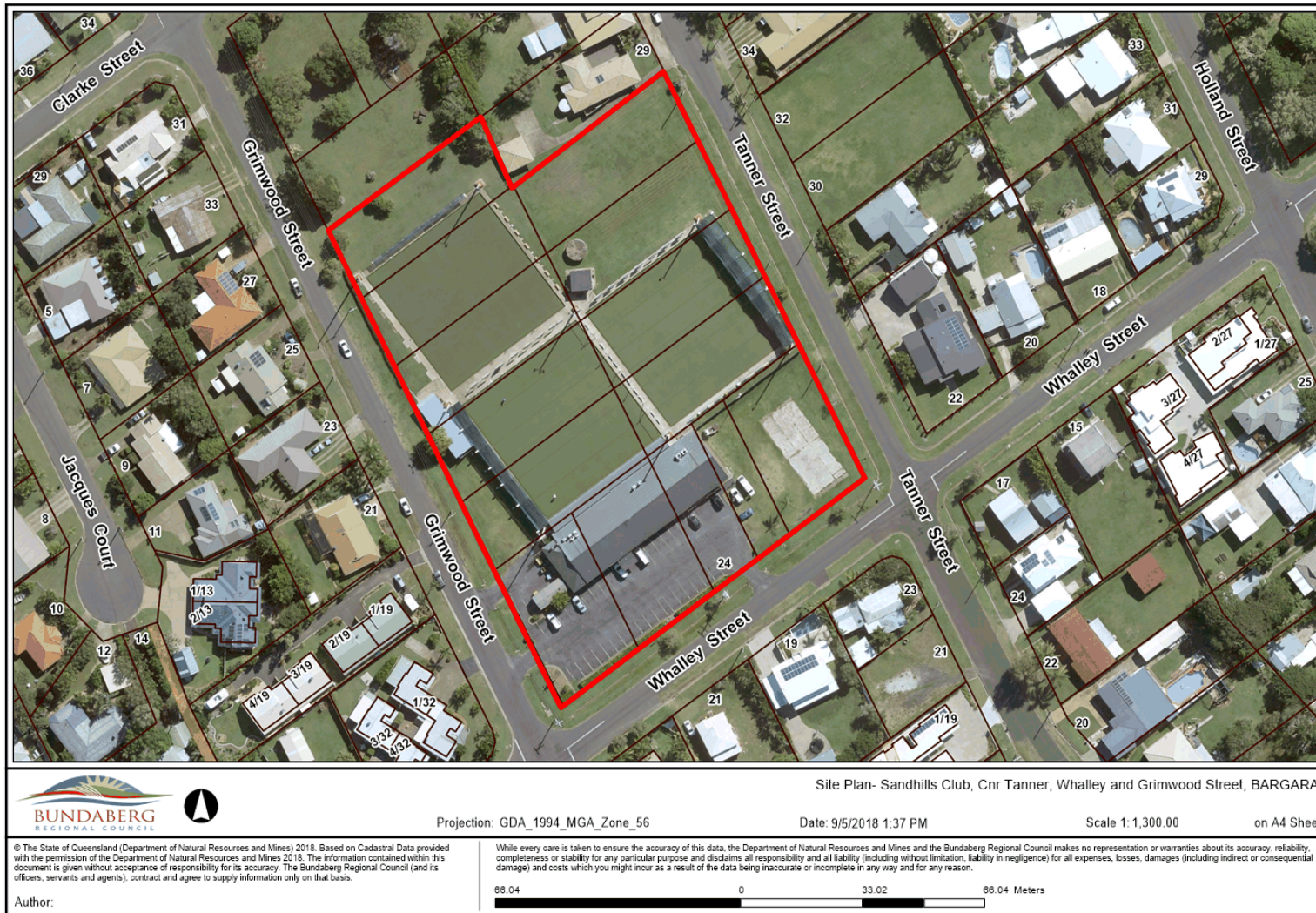
**SCHEDULE 1 REASONS FOR DECISION TO REFUSE CHANGE APPLICATION**

The reasons for this decision are:

- The change application was assessed in accordance with section 81 of the *Planning Act 2016*;
- The benchmarks of the Bundaberg Regional Planning Scheme 2015, where relevant to the assessment of the proposed minor change have not changed since the development was conditionally approved.
- The proposal is located on land surrounded by predominately low density residential uses (sensitive land uses) within the Low density residential zone to the west, South and East;
- Extending the operating hours for the approved use (or components of the use- in this case game machine operation) is likely to result in unreasonable impacts on adjoining properties, particularly residential premises, and cannot be reasonably mitigated through the application of lawful conditions; and
- The proposed change is in conflict with the Business Uses Code and the applicant has not demonstrated that sufficient grounds exist to approve the change despite this conflict.











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ABN 72 427 835 198

7 February 2018

Bundaberg & District RSL & Citizens Memorial  
Club Inc  
C/- Craven Town Planning Pty Ltd  
via email: [stevec@craventp.com.au](mailto:stevec@craventp.com.au)

Attn: Steve Craven

Dear Mr Craven

**RE:** – Development Application for Material Change of Use for Entertainment Activity - Club (Extension to Sandhills Sports Club) at Whalley Street, Tanner Street, Grimwood Street, 24 Whalley Street, Bargara; land described as Lots 290-294 (inclusive), 296, 297 and 298-302 (inclusive) on RP7232 and Lots 1 and 2 on RP128877;

Thank you for your Development Application for Material Change of Use for Entertainment Activity - Club (Extension to Sandhills Sports Club) at Whalley Street, Tanner Street, Grimwood Street, 24 Whalley Street, Bargara; land described as Lots 290-294 (inclusive), 296, 297 and 298-302 (inclusive) on RP7232 and Lots 1 and 2 on RP128877 lodged with Council on 19 September 2017.

Please find attached the Decision Notice for the above-mentioned development application.

Please quote Council's application number: 522.2017.19.1 in all subsequent correspondence relating to this development application. Should you require any clarification regarding this matter or wish to schedule a meeting, please contact Grant Barringer on telephone 1300 883 699.

Yours sincerely

Richard Jenner Digitally signed  
by Richard Jenner  
Date: 2018.02.07  
16:12:17 +10'00'

Richard Jenner  
Manager Development Assessment

ENCL.

- **DECISION NOTICE**
- **APPROVED PLANS**
- **ADOPTED INFRASTRUCTURE CHARGES NOTICE**

Our Reference: 522.2017.19.1  
Your Reference: Sandhills  
Contact Person: Grant Barringer



Council Reference: 522.2017.19.1



### Decision notice — approval (with conditions)

(Given under section 63 of the Planning Act 2016)

Thank you for your development application detailed below which was properly made on 18 October 2017. Please be aware that Bundaberg Regional Council has assessed your application and decided it as follows:

#### 1. Applicant's details

Name: Bundaberg & District RSL & Citizens Memorial Club Inc  
 Email: stevec@craventp.com.au  
 Phone No.: 07 3352 3445

#### 2. Location details

Street address: Whalley Street BARGARA, Tanner Street BARGARA, Grimwood Street BARGARA, 24 Whalley Street BARGARA  
 Real property description: Lots 290-294 (inclusive), 296, 297 and 298-302 (inclusive) on RP7232 and Lots 1 and 2 on RP128877  
 Local government area: Bundaberg Regional Council

#### 3. Details of proposed development

Development Permit for Material Change of Use for Club (Extension to Sports Club)

#### 4. Decision

Date of decision: 7 February 2018  
 Decision details: Approved in full with conditions. These conditions are set out in Schedule 1 and are clearly identified to indicate whether the assessment manager or a concurrence agency imposed them.

The following approvals are given:

	Planning Regulation 2017 reference	Development Permit	Preliminary Approval
Development assessable under the planning scheme, a temporary local planning instrument, a master plan or a preliminary approval which includes a variation approval		<input checked="" type="checkbox"/>	

Decision Notice – Section 63 of the Planning Act 2016

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Council Reference: 522.2017.19.1

## 5. Approved plans and specifications

Copies of the following plans, specifications and/or drawings are enclosed.

Drawing/report title	Prepared by	Date	Reference no.	Version /issue
<b>Aspect of development: Material Change of Use</b>				
Site Plan- Proposed	Brand + slater architects	19-9-2017	SD 1.02	P6
Floor Plan- Proposed	Brand + slater architects	19-9-2017	SD 1.11	P4
Roof Plan	Brand + slater architects	19-9-2017	SD 1.21	P1
Elevations	Brand + slater architects	19-9-2017	SD 2.01	P2
Sections	Brand + slater architects	19-9-2017	SD 3.01	P1
3D Views	Brand + slater architects	19-9-2017	SD 10.01	P2

## 6. Conditions

This approval is subject to the conditions in Schedule 1. These conditions are clearly identified to indicate whether the assessment manager or concurrence agency imposed them.

## 7. Further development permits

Please be advised that the following development permits are required to be obtained before the development can be carried out:

- All Building Work
- All Plumbing and Drainage Work
- All Operational Work

## 8. Properly made submissions

Not applicable — No part of the application required public notification.

## 9. Referral agencies for the application

Not applicable

## 10. Currency period for the approval

This development approval will lapse at the end of the period set out in section 85 of *Planning Act 2016*.

## 11. Rights of appeal

The rights of applicants to appeal to a tribunal or the Planning and Environment Court against decisions about a development application are set out in Chapter 6, Part 1 of the

Council Reference: 522.2017.19.1

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*Planning Act 2016*. For particular applications, there may also be a right to make an application for a declaration by a tribunal (see Chapter 6, Part 2 of the *Planning Act 2016*).

*Appeal by an applicant*

An applicant for a development application may appeal to the Planning and Environment Court against the following:

- the refusal of all or part of the development application
- a provision of the development approval
- the decision to give a preliminary approval when a development permit was applied for
- a deemed refusal of the development application.

An applicant may also have a right to appeal to the Development tribunal. For more information, see Schedule 1 of the *Planning Act 2016*.

*Appeal by a submitter*

A submitter for a development application may appeal to the Planning and Environment Court against:

- any part of the development application for the development approval that required impact assessment
- a variation request.

The timeframes for starting an appeal in the Planning and Environment Court are set out in Section 229 of the *Planning Act 2016*.

Schedule 2 is an extract from the *Planning Act 2016* that sets down the applicant's appeal rights and the appeal rights of a submitter.

Council Reference: 522.2017.19.1

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## SCHEDULE 1 – CONDITIONS AND ADVICE

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### PART 1A – CONDITIONS IMPOSED BY THE ASSESSMENT MANAGER

#### General

1. Meet the full cost of all works and any other requirements associated with this development, unless specified in a particular condition.
2. Where there is any conflict between Conditions of this Decision Notice and details shown on the Approved Plans, the Conditions prevail.
3. Comply with all of the conditions of this Development Permit prior to the commencement of the use, unless otherwise stated within this notice, and maintain compliance whilst the use continues.

#### Amalgamation

4. Amalgamate Lots 290-294 (inclusive), 296, 297 and 298-302 (inclusive) on RP7232 and Lots 1 and 2 on RP128877 into one allotment. The Plan of Subdivision providing for the amalgamation must be registered prior to commencement of the use.

#### Amended Plans

5. Submit to and have approved by the Assessment Manager amended plans which incorporate the following:
  - a. Plans that include a minimum 106 on-site car parks in accordance with the requirements of Condition 26 of the approval.  
Once approved, the amended plans will form part of the Approved Plans for this development.

#### Air Conditioners

6. All air conditioning units or other mechanical equipment must be located at ground level, or otherwise fully enclosed or screened such that they are not visible from the street frontages or adjoining properties.
7. Air conditioning units must be designed, installed, maintained and operated so that noise emissions are within the limits imposed by the *Environmental Protection Act*, Regulations and Policies.

#### Construction Management

8. Unless otherwise approved in writing by the Assessment Manager, do not undertake building work in a way that makes audible noise:
  - a. On a business day or Saturday, before 6.30am or after 6.30pm; or
  - b. On any other day, at any time.
9. Contain all litter, building waste and sediments on the building site by the use of a skip and any other reasonable means during construction to prevent release to neighbouring properties or roads.
10. Remove any spills of soil or other material from the road or gutter upon completion of each day's work, during construction. These material spills and accumulated sediment deposits must be managed in a way that minimises environmental harm and/or damage to public and private property.

#### Nature and Extent of the Approved Use

11. Unless otherwise approved in writing by the Assessment Manager, the hours of the approved use are limited to 9am to 12am daily.
12. Unless otherwise approved in writing by the Assessment Manager, the lighting of the bowling greens is limited to 10.00pm daily.

Decision Notice – Section 63 of the *Planning Act 2016*

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13. Unless otherwise approved in writing by the Assessment Manager, all deliveries, loading/unloading activities and refuse collection are to be undertaken between the hours of 6am to 6pm Monday to Friday inclusive, Saturday 8am to 5pm and 9am to 5pm Sunday.

#### **Water**

14. Provide a reticulated water supply service to the development by supplying all necessary materials, including structures and equipment, and performing all necessary works. The works must include all necessary upgrades of Council infrastructure to ensure that downstream properties are not adversely affected by the increased demand of the development. Works must include network modelling with main sizing to be finalised as part of an application for Operational Works.
15. Provide a metered service, and internal infrastructure as required, to satisfy the fire fighting and water supply demands of the development.
16. Install sub-meters in accordance with the relevant Acts and Codes.

#### **Stormwater**

17. Install a stormwater drainage system connecting to a lawful point of discharge. The works must be undertaken in accordance with an Operational Works approval and the Queensland Urban Drainage Manual, and must include in particular:
  - a. The works and recommendations described the Site Based Stormwater Management Plan Job Reference ARP-C-REP-010 Issue 1 dated 18 September 2017 by Brand and Slater;
  - b. Stormwater drainage must be designed and constructed in accordance with the requirements of the Queensland Urban Drainage Manual and Bundaberg Regional Council, i.e., a piped system with a capacity to cater for Q5 ARI flows, with overland flowpaths to be provided for a capacity of Q100ARI less piped flow;
  - c. The design for the site drainage system, fill, car parking and access must be undertaken so that flows from adjacent properties will not be impeded by the development; and
  - d. Detention storage must be provided to cater for increased stormwater runoff as a result of this development. Stormwater discharge from the subject land must be limited to pre-development generated peak levels up to and including Q100 ARI flows via the provision of on-site detention storage. The detention storage must be visually integrated into the surrounding landscape and designed with a high level of visual amenity.
18. The drainage system for the development must incorporate Stormwater Quality Improvements in accordance with the State Planning Policy 2013 and the Bundaberg Regional Council Stormwater Management Strategies. A Site Based Stormwater Management Plan and Erosion and Sediment Control Management Plan, inclusive of long term maintenance measures, must be submitted as part of an application for Operational Works outlining how the Stormwater Quality Improvements in both the construction and operational phases of the development will be achieved generally in accordance with Arup Civil Stormwater Drainage Schematic Design Drawing dated 1/09/2017.

#### **Noise Management**

19. Use of amplified music outdoors is not permitted. Use of amplified music must only be undertaken within the enclosed clubhouse building/s.

*Note: The above condition does not represent an operational noise type condition for the purposes of the Environmental Protection Act 1994.*

Decision Notice – Section 63 of the *Planning Act 2016*

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#### **Roadworks and Access**

20. Provide pavement construction and asphaltic concrete (AC) sealing to the site frontage of Grimwood Street and Tanner Street. The pavement must be designed in accordance with *Austrroads Pavement Design for Light Traffic: A supplement to Austrroads Pavement Design Guide (AP-T36/06)*. The pavement specifics must be determined as part of an application for Operational Works.
21. Provide pavement construction and asphaltic concrete (AC) sealing to the full site frontage of Whalley Street from the kerb and channel to the edge of the existing pavement. The pavement must be designed in accordance with *Austrroads Pavement Design for Light Traffic: A supplement to Austrroads Pavement Design Guide (AP-T36/06)*. The pavement specifics must be determined as part of an application for Operational Works.
22. Provide new parallel car parking, including line marking and signage, to the Tanner Street frontage. The line marking and signage specifics must be determined as part of an application for Operational Works and designed in accordance with AS 2890.5 – 1993 *Parking facilities Part 5 On-street parking*.
23. Remove and make good the existing vehicular accesses on Grimwood Street and provide a fence / barrier along the Grimwood Street property boundary that prevents vehicular access to the property from Grimwood Street. The specifics must be determined as part of an application for Operational Works to the satisfaction of the Assessment Manager.

#### **Pedestrian and Bicycle Facilities**

24. Pedestrian and bicycle facilities must be provided for the development. The works must be undertaken in accordance with an Operational Works approval and must include:
  - a. A 1.5 metre (minimum) concrete ribbon pathway and pram ramps within the road verge for the balance length of the site's frontage in Whalley Street generally in accordance with Council's Drawing 13977;
  - b. A 1.5 metre (minimum) concrete ribbon pathway and pram ramps within the road verge with Grimwood Street for the length of the site's frontage generally in accordance with Council's Drawing 13977;
  - c. Provide a dedicated pedestrian access point from Whalley Street, separate from the Whalley Street driveway, complete with a delineated pedestrian route to the Clubhouse entry. The location and design specifics must be determined as part of an application for Operational Works; and
  - d. All pathways free from inundation during a 1% AEP local flood event.

#### **Property access and driveways**

25. Construct 2 new access generally in accordance with the Planning Scheme Policy for Development Works Standard Drawing RR1011 (Industrial and Commercial Driveway Slab - Two Way Access) with the layout geometry as shown on Brand & Slater Drawing No. 20170057 SD 1.02 P5 Site Plan- Proposed with specific requirements and widths to be finalised at Operational Works stage to suit the 3 two way accesses.

#### **Car Parking**

26. Provide off-street car parking and vehicle manoeuvring areas with a minimum of 106 parking spaces. Such car parking, access and manoeuvring areas must be generally in accordance with the Approved Plans and be:-
  - a. constructed and sealed with bitumen, asphalt, concrete or approved pavers;
  - b. line-marked into parking bays;

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- c. designed to include a manoeuvring areas to allow all vehicles to leave the site in a forward gear;
- d. designed to include the provision of fill and/or boundary retaining walls to allow for the containment and management of site stormwater drainage as required;
- e. sign posted to indicate entry/exit points, in addition to line marking, to indicate the traffic flow through the site;
- f. drained to the relevant site discharge point;
- g. designed in accordance with AS/NZS2890.1-2004: 'Parking Facilities Part 1: Off-street Car Parking'; and
- h. No restriction is to be placed on patron or staff access to designated car parks whilst the premises is in operation.

#### **End of Trip Facilities – Cycle Parking**

27. Install and maintain 2 secure bicycle parking spaces for employees and 2 secure bicycle parking spaces for customers. Customer cycle parking must be located in a visible area close to the entrance of each building.
28. Provide one (1) locker for every two (2) staff cycle parking spaces.
29. Provide informational and directional signage where necessary to direct cyclists to bicycle parking spaces and advise the public of their presence.

#### **Public Safety**

30. After hours access to loading docks and storage areas must be restricted by a security gate, lockable doors and/or other suitably appropriate means.

#### **Loading/Unloading**

31. Loading and unloading of all vehicles associated with the use must occur on the subject site.

#### **Landscaping**

32. A landscape plan must be submitted to and approved by the Assessment Manager prior to the commencement of any landscaping works. The plan must be generally in accordance with the Approved Plan/s, have regard to the conditions of this approval and include, but not be limited to, the following features:
  - a. The area or areas set aside for landscaping;
  - b. Location and name of existing trees;
  - c. A plan and schedule of all proposed trees, shrubs and ground covers which identifies:
    - a. The location and sizes at planting and at maturity of all plants;
    - b. The utilisation of species indigenous to the area (the Plant Species List contained within Council's Landscaping Planning Scheme Policy is a guide to species selection; the botanical and common names of plants must be provided.). No exotic plants are to be specified;
  - d. The location of all areas to be covered by turf or other surface material including pavement and surface treatment details;
  - e. Measures to ensure that the planted trees will be retained and managed to allow growth of the trees to mature size;
  - f. Details of any landscaping structures, including entrance statements;
  - g. Details of cutting and filling and all retaining structures and fences and associated finishes;

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Council Reference: 522.2017.19.1

- h. Contours or spot levels if appropriate;
- i. Fence size and materials;
- j. Inclusion of a controlled underground or drip irrigation system. Any such system is to be fitted with an approved backflow water prevention device;
- k. Location of any drainage, sewerage and other underground services and any overhead power lines; and
- l. Property boundary garden/landscape bed edge walls must be provided with sleeper or equivalent retaining walls to contain the garden material within the site. Such walls must be constructed to a height that is at or above the adjacent kerb OR sealed car parking areas.

#### **Lighting**

33. A Lighting Plan must be submitted to and approved by the Assessment Manager prior to the commencement of the use. The plan must demonstrate how lighting from the development will avoid or minimise impacts on turtle nesting areas. The plan must include, but not be limited to, the following features:
- a. The location, purpose, footprint, intensity and spectral composition of each light source;
  - b. Measures to avoid, mitigate or manage the impacts of each light source; and
  - c. Procedures to reduce the use of lighting during turtle season (October to March). There must be no use of decorative lighting during this period.
- When approved, the Lighting Plan will form part of the Approved Plans for this development.
34. All lighting for the development must be designed, installed and maintained in accordance with the approved Lighting Plan, to the satisfaction of the Assessment Manager.

#### **Street Identification**

35. The street address of the development must be clearly visible and discernible from the primary frontage of the site by the provision of a street number and, where appropriate, the building name

#### **Waste Management**

36. Provide a sufficient area for the storage of all waste bins. This area must be sealed, screen fenced and designed so as to prevent the release of contaminants to the environment.
37. Maintain and operate an adequate waste disposal service, including the maintenance of refuse bins and associated storage areas so as not to cause any nuisance, to the satisfaction of the Assessment Manager.
38. An impervious bin storage area (Bin Enclosure) for waste receptacles, must be provided in accordance with the following:
- a. the bin storage area must be sufficient to accommodate all refuse containers required by the Assessment Manager for the scale of the development;
  - b. the bin storage area must be aesthetically screened from the road frontage and adjoining properties by landscaping or constructed screening;
  - c. a suitable hose cock (with backflow prevention) and hoses must be provided at the refuse container area, and wash down to be drained to sewer and fitted with an approved stormwater diversion valve arrangement.

Decision Notice – Section 63 of the *Planning Act 2016*

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39. The bin storage enclosure must be maintained in a clean and sanitary manner at all times.
40. Ensure that any potential food / waste sources are covered and collected so that they are not accessible to wildlife.

#### **PART 1B – ADVICE NOTES**

##### **Environmental Harm**

- A. The *Environmental Protection Act 1994* states that a person must not carry out any activity that causes, or is likely to cause, environmental harm unless the person takes all reasonable and practicable measures to prevent or minimise the harm. Environmental harm includes environmental nuisance. In this regard persons and entities, involved in the civil, earthworks, construction and operational phases of this development, are to adhere to their 'general environmental duty' to minimise the risk of causing environmental harm. Environmental harm is defined by the Act as any adverse effect, or potential adverse effect whether temporary or permanent and of whatever magnitude, duration or frequency on an environmental value and includes environmental nuisance. Therefore, no person should cause any interference with the environment or amenity of the area by reason of the emission of noise, vibration, smell, fumes, smoke, vapour, steam, soot, ash, dust, waste water, waste products, grit, sediment, oil or otherwise, or cause hazards likely in the opinion of the administering authority to cause undue disturbance or annoyance to persons or affect property not connected with the use.

##### **Infrastructure Charges Notice**

- B. Please find attached the Infrastructure Charges Notice (Register No: 331.2017.961.1) applicable to the approved development.

##### **Lighting**

- C. When preparing a Lighting Plan for development within or adjacent to a turtle nesting area, the following measures to reduce light impact are recommended:
  - a. Reduce the amount of lighting to the minimum level necessary to for human safety and avoidance of turtle disruption;
  - b. To reduce spillover from indoor lighting, move light fixtures away from windows, apply window tinting that has a transmittance value of 45% or fit curtains or blinds to windows and keep them closed after dark;
  - c. If lights are needed for safety, fit shrouds and direct light downwards onto the ground. Recessed light fixtures are also preferred to exposed ones;
  - d. Use down-lights close to the ground. The use of up-lights are also preferred to exposed ones;
  - e. External lights can be placed on timers so that they automatically switch off when no longer required;
  - f. Decorative lights should be avoided or, at a minimum, remain off during turtle season (October to March);
  - g. Use vegetation to screen light sources from the beach;
  - h. On pathways, use low profile lighting or low bollards with 180° shields on the beach side;
  - i. Where possible, use shielded motion detected lights, set for the shortest time setting; an
  - j. Use lighting of a wavelength less likely to cause nuisance to sea turtles or other fauna (e.g. amber lighting).

Decision Notice – Section 63 of the *Planning Act 2016*

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The *Environmental Assessment Guideline for Protecting Marine Turtles from Light Impacts*, prepared by the Environmental Protection Agency Western Australia, provides more detailed guidelines on how to reduce the impacts of lighting from development on turtles. The guideline can be accessed at [http://www.dmp.wa.gov.au/documents/Turtle\\_Lighting\\_impacts\\_EPA\\_Guideline\\_5.pdf](http://www.dmp.wa.gov.au/documents/Turtle_Lighting_impacts_EPA_Guideline_5.pdf).

#### **Nature and Extent of Approved Development**

- D. This Decision Notice does not represent an approval to commence Building Works.

#### **Operational Works**

- E. This Decision Notice does not represent an approval to commence Operational Works. Any Operational Works associated with this Material Change of Use or other engineering work proposed on the lot is subject to relevant assessment under the Bundaberg Regional Council Planning Scheme 2015 or the instrument in effect at the time of assessment. This can include works for on-site landscaping, internal vehicle circulation, manoeuvring and car parking areas, on-site stormwater management and access driveways.

#### **Food Handling**

- F. All operators of the approved use will be required to comply with the *Food Act 2006* and Council's minimum requirements for food premises. All necessary approvals should be obtained from the Environmental Health Services Section of Council prior to commencement of the approved use. For further information about these requirements please contact Council's Environmental Health Services Section on 1300 883 699.
- G. Should any of the replacement structures or equipment differ from the business's original approved plans, Council's Environmental Health Services Section must be notified to amend details concerning the license under the *Food Act 2006*. This will enable Council to maintain accurate records and ensure compliance. Copies of the original plans for the premises' food preparation areas can be obtained from Council. Plans detailing any proposed modifications should be provided to Council prior to construction. The operator is required to provide an expected completion date for any proposed work so that a pre-opening inspection can be arranged. For further information about these requirements please contact Council's Environmental Health Services Section on 1300 883 699.

#### **Noise Management**

- H. The owner/operator is advised that noise complaints made to Council regarding the operation of the approved use will be investigated and regulated utilising the parameters of the Environmental Protection (Noise) Policy 1997 under the Environmental Protection Act 1994.

Council Reference: 522.2017.19.1

## SCHEDULE 2 – PA EXTRACT ON APPEAL RIGHTS

### CHAPTER 6, PART 1 APPEAL RIGHTS

#### 229 Appeals to tribunal or P&E Court

- (1) Schedule 1 states—
  - (a) matters that may be appealed to—
    - (i) either a tribunal or the P&E Court; or
    - (ii) only a tribunal; or
    - (iii) only the P&E Court; and
  - (b) the person—
    - (i) who may appeal a matter (the appellant); and
    - (ii) who is a respondent in an appeal of the matter; and
    - (iii) who is a co-respondent in an appeal of the matter; and
    - (iv) who may elect to be a co-respondent in an appeal of the matter.
- (2) An appellant may start an appeal within the appeal period.
- (3) The **appeal period** is—
  - (a) for an appeal by a building advisory agency—10 business days after a decision notice for the decision is given to the agency; or
  - (b) for an appeal against a deemed refusal—at any time after the deemed refusal happens; or
  - (c) for an appeal against a decision of the Minister, under chapter 7, part 4, to register premises or to renew the registration of premises—20 business days after a notice is published under section 269(3)(a) or (4); or
  - (d) for an appeal against an infrastructure charges notice—20 business days after the infrastructure charges notice is given to the person; or
  - (e) for an appeal about a deemed approval of a development application for which a decision notice has not been given—30 business days after the applicant gives the deemed approval notice to the assessment manager; or
  - (f) for any other appeal—20 business days after a notice of the decision for the matter, including an enforcement notice, is given to the person.

*Note — See the P&E Court Act for the court's power to extend the appeal period.*
- (4) Each respondent and co-respondent for an appeal may be heard in the appeal.
- (5) If an appeal is only about a referral agency's response, the assessment manager may apply to the tribunal or P&E Court to withdraw from the appeal.
- (6) To remove any doubt, it is declared that an appeal against an infrastructure charges notice must not be about—
  - (a) the adopted charge itself; or
  - (b) for a decision about an offset or refund—
    - (i) the establishment cost of trunk infrastructure identified in a LGIP; or
    - (ii) the cost of infrastructure decided using the method included in the local government's charges resolution.

#### 230 Notice of appeal

- (1) An appellant starts an appeal by lodging, with the registrar of the tribunal or P&E Court, a notice of appeal that—
  - (a) is in the approved form; and
  - (b) succinctly states the grounds of the appeal.
- (2) The notice of appeal must be accompanied by the required fee.
- (3) The appellant or, for an appeal to a tribunal, the registrar must, within the service period, give a copy of the notice of appeal to—

Decision Notice – Section 63 of the *Planning Act 2016*

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Council Reference: 522.2017.19.1

- (a) the respondent for the appeal; and
  - (b) each co-respondent for the appeal; and
  - (c) for an appeal about a development application under schedule 1, table 1, item 1—each principal submitter for the development application; and
  - (d) for an appeal about a change application under schedule 1, table 1, item 2—each principal submitter for the change application; and
  - (e) each person who may elect to become a co-respondent for the appeal, other than an eligible submitter who is not a principal submitter in an appeal under paragraph (c) or (d); and
  - (f) for an appeal to the P&E Court—the chief executive; and
  - (g) for an appeal to a tribunal under another Act—any other person who the registrar considers appropriate.
- (4) The **service period** is—
- (a) if a submitter or advice agency started the appeal in the P&E Court—2 business days after the appeal is started; or
  - (b) otherwise—10 business days after the appeal is started.
- (5) A notice of appeal given to a person who may elect to be a co-respondent must state the effect of subsection (6).
- (6) A person elects to be a co-respondent by filing a notice of election, in the approved form, within 10 business days after the notice of appeal is given to the person.

#### **SCHEDULE 1 APPEALS**

##### **1 Appeal rights and parties to appeals**

- (1) Table 1 states the matters that may be appealed to—
- (a) the P&E court; or
  - (b) a tribunal.
- (2) However, table 1 applies to a tribunal only if the matter involves—
- (a) the refusal, or deemed refusal of a development application, for—
    - (i) a material change of use for a classified building; or
    - (ii) operational work associated with building work, a retaining wall, or a tennis court; or
  - (b) a provision of a development approval for—
    - (i) a material change of use for a classified building; or
    - (ii) operational work associated with building work, a retaining wall, or a tennis court; or
  - (c) if a development permit was applied for—the decision to give a preliminary approval for—
    - (i) a material change of use for a classified building; or
    - (ii) operational work associated with building work, a retaining wall, or a tennis court; or
  - (d) a development condition if—
    - (i) the development approval is only for a material change of use that involves the use of a building classified under the Building Code as a class 2 building; and
    - (ii) the building is, or is proposed to be, not more than 3 storeys; and
    - (iii) the proposed development is for not more than 60 sole-occupancy units; or
  - (e) a decision for, or a deemed refusal of, an extension application for a development approval that is only for a material change of use of a classified building; or
  - (f) a decision for, or a deemed refusal of, a change application for a development approval that is only for a material change of use of a classified building; or
  - (g) a matter under this Act, to the extent the matter relates to—
    - (i) the Building Act, other than a matter under that Act that may or must be decided by the Queensland Building and Construction Commission; or
    - (ii) the Plumbing and Drainage Act, part 4 or 5; or

Decision Notice – Section 63 of the *Planning Act 2016*

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Council Reference: 522.2017.19.1

- (h) a decision to give an enforcement notice in relation to a matter under paragraphs (a) to (g); or
  - (i) a decision to give an infrastructure charges notice; or
  - (j) the refusal, or deemed refusal, of a conversion application; or
  - (k) a matter that, under another Act, may be appealed to the tribunal; or
  - (l) a matter prescribed by regulation.
- (3) Also, table 1 does not apply to a tribunal if the matter involves—
- (a) for a matter in subsection (2)(a) to (d)—
    - (i) a development approval for which the development application required impact assessment; and
    - (ii) a development approval in relation to which the assessment manager received a properly made submission for the development application; or
  - (b) a provision of a development approval about the identification or inclusion, under a variation approval, of a matter for the development.
- (4) Table 2 states the matters that may be appealed only to the P&E Court.
- (5) Table 3 states the matters that may be appealed only to the tribunal.
- (6) In each table—
- (a) column 1 states the appellant in the appeal; and
  - (b) column 2 states the respondent in the appeal; and
  - (c) column 3 states the co-respondent (if any) in the appeal; and
  - (d) column 4 states the co-respondents by election (if any) in the appeal.
- (7) If the chief executive receives a notice of appeal under section 230(3)(f), the chief executive may elect to be a co-respondent in the appeal.

**Extract of Schedule 1 of the Planning Act 2016**

<b>Table 1</b>			
<b>Appeals to the P&amp;E Court and, for certain matters, to a tribunal</b>			
1. Development applications An appeal may be made against—			
(a) the refusal of all or part of the development application; or			
(b) the deemed refusal of the development application; or			
(c) a provision of the development approval; or			
(d) if a development permit was applied for—the decision to give a preliminary approval.			
Column 1 Appellant	Column 2 Respondent	Column 3 Co-respondent (if any)	Column 4 Co-respondent by election (if any)
The applicant	The assessment manager	If the appeal is about a concurrence agency's referral response—the concurrence agency	1 A concurrence agency that is not a co-respondent 2 If a chosen assessment manager is the respondent—the prescribed assessment manager 3 Any eligible advice agency for the application 4 Any eligible submitter for the application

Council Reference: 522.2017.19.1

<b>Table 2 Appeals to the P&amp;E Court only</b>			
<p>2. Eligible submitter appeals</p> <p>An appeal may be made against the decision to give a development approval, or an approval for a change application, to the extent that the decision relates to—</p> <p>(a) any part of the development application for the development approval that required impact assessment; or</p> <p>(b) a variation request.</p>			
Column 1 Appellant	Column 2 Respondent	Column 3 Co-respondent (if any)	Column 4 Co-respondent by election (if any)
<p>1 For a development application—an eligible submitter for the development application</p> <p>2 For a change application—an eligible submitter for the change application</p>	<p>1 For a development application—the assessment manager</p> <p>2 For a change application—the responsible entity</p>	<p>1 The applicant</p> <p>2 If the appeal is about a concurrence agency's referral response—the concurrence agency</p>	<p>Another eligible submitter for the application</p>
<p>3. Eligible submitter and eligible advice agency appeals</p> <p>An appeal may be made against a provision of a development approval, or failure to include a provision in the development approval, to the extent the matter relates to—</p> <p>(a) any part of the development application or the change application, for the development approval, that required impact assessment; or</p> <p>(b) a variation request.</p>			
Column 1 Appellant	Column 2 Respondent	Column 3 Co-respondent (if any)	Column 4 Co-respondent by election (if any)
<p>1 For a development application—an eligible submitter for the development application</p> <p>2 For a change application—an eligible submitter for the change application</p> <p>3 An eligible advice agency for the development application or change application</p>	<p>1 For a development application—the assessment manager</p> <p>2 For a change application—the responsible entity</p>	<p>1 The applicant</p> <p>2 If the appeal is about a concurrence agency's referral response—the concurrence agency</p>	<p>Another eligible submitter for the application</p>

**Note:**

Attached is a Rights of Appeal Waiver form (Schedule 3). Please complete and return this form if you are satisfied with the approval and agree to the conditions contained therein and you wish to waive the 20 day appeal period available under the *Planning Act 2016*

Council Reference: 522.2017.19.1

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### SCHEDULE 3 – RIGHT OF APPEAL WAIVER

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**Mail To:** Bundaberg Regional Council  
**Email Address:** [development@bundaberg.qld.gov.au](mailto:development@bundaberg.qld.gov.au)  
**Attention:** Development Assessment

**RE:**

**Council reference:** 522.2017.19.1

**Property Address:** Whalley Street BARGARA, Tanner Street BARGARA, Grimwood Street BARGARA, 24 Whalley Street BARGARA described as Lots 290-294 (inclusive), 296, 297 and 298-302 (inclusive) on RP7232 and Lots 1 and 2 on RP128877

This advice is to confirm that I/We have received the above approval and agree to the conditions contained therein. I/We hereby waiver My/Our appeal rights available under the *Planning Act 2016*.

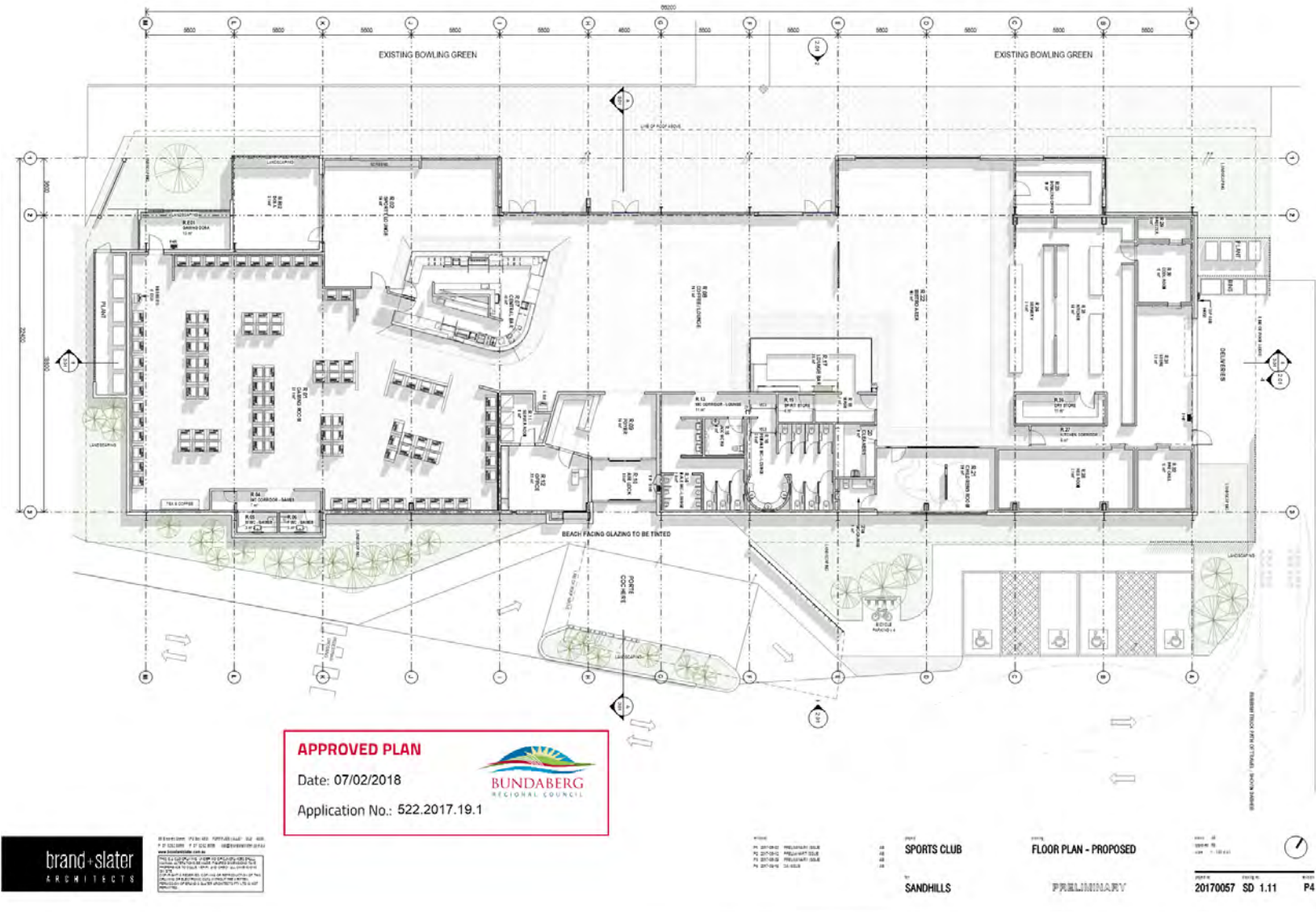
Applicants Name: \_\_\_\_\_

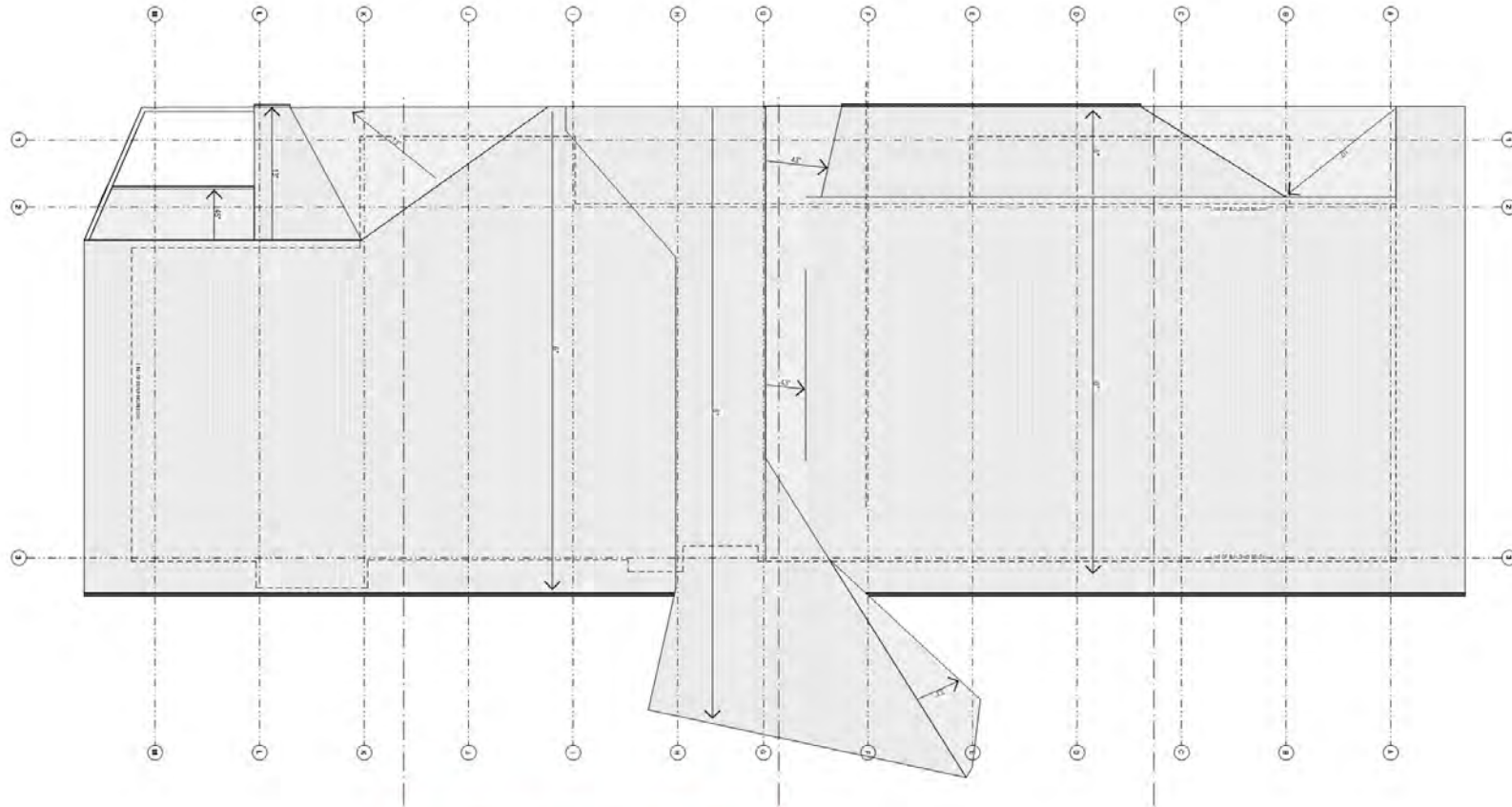
Signature: \_\_\_\_\_

Date : \_\_\_\_\_









**APPROVED PLAN**  
Date: 07/02/2018  
Application No.: 522.2017.19.1



REGISTERED PROFESSIONAL ARCHITECTS  
P.O. BOX 10000, BUNDABERG QLD 4670  
PH: (07) 4670 1000  
WWW.BRANDSLATER.COM.AU

PROJECT NO. 20170057

PROJECT NAME: SPORTS CLUB

PROJECT TYPE: ROOF PLAN

LOCATION: SANDHILLS

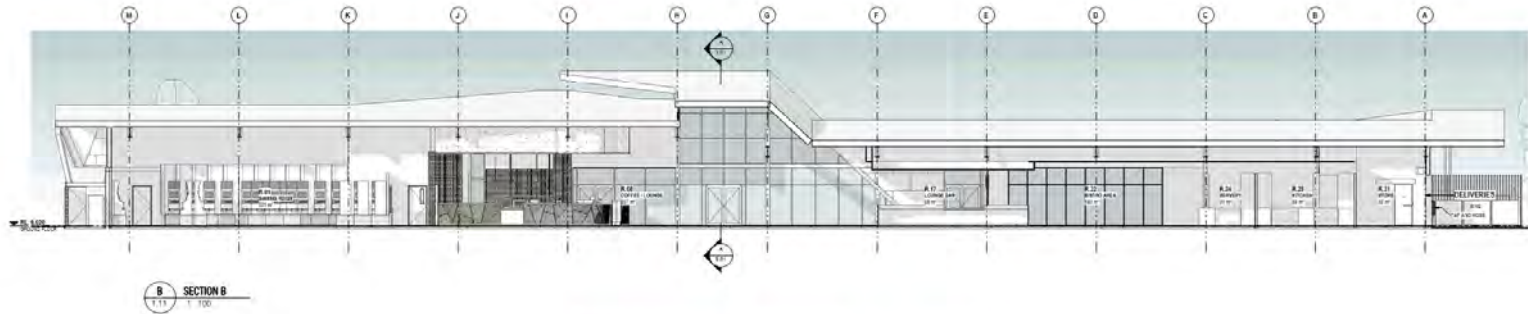
STATUS: PRELIMINARY

SCALE: 1:100

DATE: 07/02/2018  
DRAWN BY: SD  
CHECKED BY: P1  
PROJECT NO.: 20170057 SD 1.21 P1







**APPROVED PLAN**  
 Date: 07/02/2018  
 Application No.: 522.2017.19.1



**brand + slater**  
ARCHITECTS

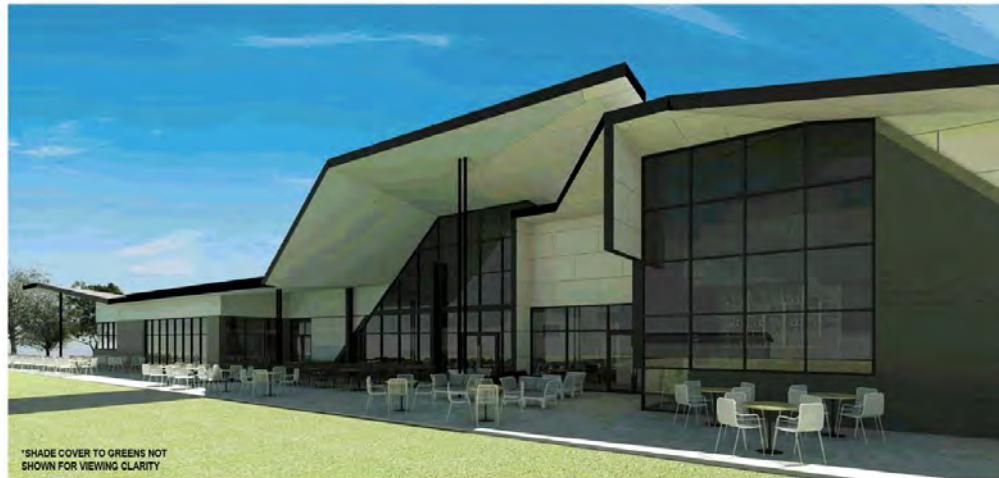
REGISTERED PROFESSIONAL ARCHITECTS  
 P O BOX 10000 TOWNSVILLE QLD 4810  
 www.brandandslater.com.au

SCALE  
 TO BE DETERMINED

PROJECT  
 SANDHILLS  
 SPORTS CLUB

VIEW  
 SECTIONS  
 PRELIMINARY

DATE  
 2017/05/24  
 DRAWN BY  
 SD  
 CHECKED BY  
 P1  
 PROJECT NO.  
 20170057 SD 3.01



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DATE: 07/02/2018  
 PROJECT: SANDHILLS SPORTS CLUB  
 DRAWING NO.: 2017-057-SD-10.01

PROJECT: SANDHILLS SPORTS CLUB  
 DRAWING NO.: 2017-057-SD-10.01

VIEW: 3D VIEWS

PRELIMINARY

DATE: 07/02/2018  
 DRAWING NO.: 20170057 SD 10.01  
 SHEET NO.: P2



**Item**

**22 May 2018**

<b>Item Number:</b>	<b>File Number:</b>	<b>Part:</b>
K2	526.2018.16.1	DEVELOPMENT ASSESSMENT

**Portfolio:**

Planning & Development Services

**Subject:**

Tardas Road GREGORY RIVER, 19 Tardas Road GREGORY RIVER - Change Application (Other Change) for a Material Change of Use for Rural Industry (Soil Conditioning facility incorporating a Caretakers Residence)

**Report Author:**

Erin Clark, Senior Planning Officer - Major Projects

**Authorised by:**

Michael Ellery, Group Manager Development

**Link to Corporate Plan:**

Our Environment - 2.2 Sustainable built environments and local projects that support our growing population and promote economic investment and development.

**Summary:**

<b>APPLICATION NO.</b>	526.2017.16.1
<b>PROPOSAL</b>	Change Application (Other Change) for Material Change of Use for Rural Industry (Soil Conditioning facility incorporating a Caretakers Residence)
<b>APPLICANT</b>	NuGrow Bundaberg Pty Ltd
<b>OWNER</b>	Isis Central Sugar Mill Company Ltd
<b>PROPERTY DESCRIPTION</b>	Lot: 3 SP: 275605, Lot: 4 SP: 275605, Lot: 5 SP: 275605
<b>ADDRESS</b>	Tardas Road GREGORY RIVER, 19 Tardas Road GREGORY RIVER
<b>PLANNING SCHEME</b>	Bundaberg Regional Council Planning Scheme 2015
<b>ZONING</b>	Rural Zone
<b>OVERLAYS</b>	Biodiversity, Bushfire Hazard, Steep land, Agricultural land and Infrastructure Overlay
<b>ORIGINAL APPLICATION NO.</b>	322.2008.22112.1
<b>DATE OF ORIGINAL DECISION</b>	10 September 2009
<b>DATE CHANGE APPLICATION RECIEVED</b>	20 November 2017



<b>LEVEL OF ASSESSMENT</b>	Impact
<b>SITE AREA</b>	30.15, 26.98, 1.286ha
<b>PROPERLY MADE DATE</b>	27 November 2017
<b>STATUS</b>	The 35 business day decision period ended on 3 May 2018
<b>REFERRAL AGENCIES</b>	Department of State Development, Manufacturing, Infrastructure and Planning
<b>NO. OF SUBMITTERS</b>	None
<b>PREVIOUS APPROVALS</b>	322.2008.22112.1 and 322.2008.22112.2
<b>SITE INSPECTION CONDUCTED</b>	20 December 2017
<b>LEVEL OF DELEGATION</b>	Level 3

## 1. INTRODUCTION

### 1.1. Nature/Description of Requested Changes

#### Background

The purpose of the Change Application is to amend a number of conditions in the approved material change of use development permit for a soil conditioning facility incorporating a caretakers residence and Environmentally Relevant Activity (ERA) 53 – soil conditioner manufacturing (Council Reference: 322.2008.22112.2).

NuGrow is the applicant for the change application and are in the process of purchasing 19 Tardas Road, Gregory River, described as Lot 3 on SP275605, Lot 4 on SP275605 and Lot 5 on SP275605 (referred to as the subject site) from Isis Central Sugar Mill to develop and conduct a composting operation.

The original development application was submitted on 1 August 2008 and approved in September 2009. The development permit was changed in 2011 to amend condition 9 relating to roadworks. NuGrow have requested six conditions be amended to allow for the operation of the composting facility.

The proposed changes are considered to result in substantially different development and as such the changes cannot be considered a minor change. The changes to the proposed development impacts on traffic flow and the transport network, by including B-Doubles in the operation of the facility. It is considered appropriate for these proposed changes to proceed under section 82 of the *Planning Act* 2016 as they meet the requirements for other change.

The Applicant submitted representations to Council relating to the following:

- Condition 1 (Approved Plans) - Amend
- Condition 9 (Road works) - Amend
- Condition 15 (Operating Procedures) – Amend
- Condition 17 (Operating Procedures) – Delete
- Condition 18 (Operating Procedures) – Amend



- Condition 19 (Operating Procedures) – Delete

The summary of changes relate to proposed operational expansion of the composting processes and include modifying the road works condition in order for works to be undertaken once the compost facility is producing 30,000 tonnes per year (NuGrow expects to reach production of 30,000 tonnes/year within 7 years). In addition, the applicant is requesting modification of the operating procedures conditions to permit all waste streams permitted under environmentally relevant activity (ERA) 53 – Composting and soil conditioner manufacturing of the *Environmental Protection Act 1994* (EP Act). An environmental authority for ERA 53 (Ref: IPCE01189208) has been approved from the subject site. In conjunction with this, changes are requested to allow wholesale of product from the site and allow heavy vehicles to enter the site as part of the operation.

Specifically relating to the proposal to modify Condition 15 in order to permit all waste streams permitted under environmentally relevant activity (ERA) 53, the feedstocks that are proposed to be accepted at the facility will be in accordance with approved organic waste streams under ERA 53, including:

- (i) a substance used for manufacturing fertiliser for agricultural, horticultural or garden use
- (ii) animal manure
- (iii) biosolids
- (iv) cardboard and paper waste
- (v) fish processing waste
- (vi) food and food processing waste
- (vii) plant material
- (viii) poultry processing waste
- (ix) waste generated from an abattoir.

Composting the feedstock relies on biological processes and requires the application of water, turning/aeration and time. The process typically takes over 12 weeks to complete.

As part of the expanded operations, the following will be provided on site:

- A carpark, site office, amenities block, and machinery shed in the north east, with site access from Tardas Road which extends along the northern boundary of the facility
- Facilities for B-double heavy vehicles, including compacted gravel perimeter access road, truck turning and parking area and unloading bay

## 1.2. Site Description

The subject land is located at 19 Tardas Road, Gregory River. Tardas Road intersects with Childers Road at the north-eastern corner of the allotment and the western boundary is defined by unformed road, Kingston Drive. The site has a total frontage to Tardas Road of approximately 910m, 640m to Childers Road and is approximately

three kilometres north of the Town of Cordalba. Logging Creek is located approximately 300 metres north-west of the sites boundary with Kingston Drive.

The proposed development is predominately located on the northern extent of Lot 3 on SP275605, with the caretaker's residence located on Lot 5 on SP275605 and an existing deep water holding dam and retention basin located on Lot 4 on SP275605. The existing facility contains the following:

- Composting area comprised of composting windrows aligned in a north-south direction
- Stockpile area, to the west of the composting area
- A stockpile area for mill mud in the central north of the facility
- Water management infrastructure, comprising perimeter sediment drains that drain to a deep water holding dam and retention basin in the north west corner adjacent to Tardas Road
- A vegetated buffer along Tardas Road and Kingston Drive, as well as remnant vegetation in the south of the allotment, outside of the facility boundary

A vegetated agricultural buffer exists to the west and south-west of the exiting residential dwelling (caretakers residence) with Easement A on SP275605 registered over this area (40m in width to the south of dwelling and 25m in width to the west).

An area of approximately 15.2 ha situated along the southern boundary of the site is mapped as 'remnant vegetation that is a least concern regional ecosystem'. No development is proposed in this area and no vegetation clearing is proposed. The remainder of the site has been cleared for cropping land and to support the existing soil conditioning facility.

Land surrounding the facility is mixed rural use. Remnant vegetation is located within the southern portion of the allotment, and within allotments in the surrounding area. Land use mapping shows the predominant land uses are grazing, native vegetation and irrigated cropping (sugarcane). Rural residential allotments are located on the northern side of Onoprienkos Road approximately 1300 m to the north.

An unnamed waterway mapped as low risk under the Queensland waterways for waterway barrier works is located on the eastern boundary of the site, intersecting Childers Road. No works are proposed on this waterway.

## 2. ASSESSMENT PROVISIONS

### 2.1. Assessment Benchmarks

The following are the benchmarks applying for this development:

Benchmarks applying for the development	Benchmark reference
Zone Code: Rural Zone	Bundaberg Regional Council Planning Scheme 2015

<b>Benchmarks applying for the development</b>	<b>Benchmark reference</b>
<p><b>Overlay Code</b></p> <ul style="list-style-type: none"> <li>• Agricultural land overlay code</li> <li>• Biodiversity areas overlay code</li> <li>• Bushfire hazard overlay code</li> <li>• Infrastructure overlay code</li> <li>• Steep land (slopes &gt; 15%) overlay code</li> </ul>	Bundaberg Regional Council Planning Scheme 2015
<p><b>Use Code</b></p> <ul style="list-style-type: none"> <li>• Industry uses code</li> <li>• Rural uses code</li> </ul>	Bundaberg Regional Council Planning Scheme 2015
<p><b>Other Development Code</b></p> <ul style="list-style-type: none"> <li>• Landscaping code</li> <li>• Nuisance code</li> <li>• Transport and parking code</li> <li>• Works, services and infrastructure code</li> </ul>	Bundaberg Regional Council Planning Scheme 2015
<p><b>Planning Scheme Policies</b></p> <ul style="list-style-type: none"> <li>• Planning scheme policy for development works</li> <li>• Planning scheme policy for waste management</li> </ul>	Bundaberg Regional Council Planning Scheme 2015
<ul style="list-style-type: none"> <li>• Interim Development Assessment Requirements</li> </ul>	State Planning Policy

## 2.2. Relevant Matters

The following matters were given regard to or assessment carried out against, in undertaking the assessment of this development application.

<b>Other relevant matters to the assessment of the development under section 45(5)(b)</b>
Policies in force at time when the previous approval was granted.
History of development applications in the zoning/ rural locality for similar use types and previous development approval granted for the same development use type on this site.

## 3. ISSUES RELEVANT TO THE APPLICATION

The following significant issues have been identified in the assessment of the application:

### Assessment of Change – other application

Section 82 of the *Planning Act 2016* stipulates the requirements for assessing and deciding applications for other changes. This provision means that the Development Assessment (DA) Rules apply as though the change application were the original development application (with changes included), but made when the change application was made. Therefore, these proposed changes to the development approval have been considered against contemporary planning policy in place at the time of the change application being lodged, including the Bundaberg Regional Council Planning Scheme 2015.

Accordingly, the application follows the Table 5.4.17 of the Bundaberg Regional Council Planning Scheme as the table of assessment for the proposed high impact industry use in the Rural zone. This table notes that the assessment benchmarks for the proposal are the entire planning scheme given the level of assessment as Impact assessment (section 45(5) of *Planning Act*). A number of critical codes which have been considered in this assessment include Rural zone code, Transport and parking code, the Works, services and infrastructure code, Industry uses code, Nuisance code and the Landscaping code, notwithstanding the relevant sections of the Strategic Framework and overlay codes, including the Bushfire hazard overlay code and Infrastructure overlay code. Overall, the proposed change – other application is considered to generally comply or can be conditioned to comply with the benchmarks.

#### Location and site suitability

When considering requirements of the Rural zone code of the Planning Scheme, the proposed industrial use is located in a rural area, removed from likely conflicting uses. Although the Performance outcomes of the code provide for predominantly rural uses to occur in this zone, the proposed development complies with the purpose of the zone code by providing an opportunity for a use that provides a service or relies upon access to rural lands whilst ensuring that the use remains compatible with the ongoing use and character of the area, with appropriate sustainable management practices to be enforced. The overall outcomes (in particular (2)(d) and (2)(a)), further provide for more intensive rural based uses which minimises conflict with existing and future rural uses which appropriately manage their amenity or environmental impacts.

In this particular context the use of the subject site, a composting facility, is an established use with existing use rights to a certain threshold under the existing approval (subject to this change request). Therefore, the use itself is not the most critical part of this assessment, rather the extent the requested changes to the approval are consistent with the current planning policy. In this regard, the changes relate to the expansion of the types of material accepted by the facility, the output material and the access to the site. These proposed changes can be considered to comply with the zone code requirements as the proposed ultimate development is complementary to rural uses, providing a value-add activity utilising agricultural by-products, no further impacts are proposed to the use of rural/ agricultural land as no further expansion outside of an existing disturbed/ utilised site is proposed and all on-site impacts can be appropriately managed through the recommended conditions, including a thorough Site Based Management Plan.

Potentially sensitive receivers are present in the region, in the form of rural dwellings, the nearest of these being approximately 750 m to the north east. Approximate distances to potential sensitive receivers from the closest composting or stockpile area in the facility are indicated in Table 1 provided by the applicant as part of their supporting application material.

*Table 1: Location and detail of nearby sensitive land uses*

Direction	Detail	Approximate distance
North	Onoprienkos Road – one dwelling on the southern side, and 10 rural on the northern side	>1300 m
North east	Isis Highway, one dwelling	750 m
South east	Isis Highway, one dwelling	850 m
South	Hendriksens Road, four dwellings	>1000 m
South	Kingston drive, three dwellings	>850 m
South west	Hendriksens Road, three dwellings	>1100 m
West	Tardas Road, four dwellings	>1100 m

Source: GHD, January 2018

Given the large majority of the subject site land area to be utilised by the ultimate amended development is already under use for this same purpose and existing facilities are to be re-used, it can be expected that a consistent level of impact of the environmental factors would be generated. The resulting impacts to amenity are likely to be commensurate to any intensive rural industry or activity likely to be established in this locality. The proposed expanded compost facility is subject to assessment under the Industry uses code, given the definition under contemporary policy, which requires appropriate design, landscaping and buffering for immediately adjoining land uses (PO1 and PO2). In the absence of stipulated separation distances in this use code, PO8 of the Rural uses code considers the siting and physical separation of an intensive rural use, which would be generally acceptable for this zone. In this regard, a minimum separation distance of 500m from land included in a Rural Residential zone or community activity for an intensive rural activity is considered appropriate (Acceptable outcome 8.2 of the Rural uses code). To use this as an acceptable benchmark (in addition to the existing measures and operational rights), the subject development is considered to be appropriately located given the closest dwelling is approximately 750m away. As previously noted, the proposed use is to be located in an established rural locality with the re-use of existing rural sheds, however the control of operating hours by way of recommended conditions and enforcement of the submitted site management plan can ensure that nuisance is minimised. In addition, any noise generated can be regulated by the *Environment Protection Act* as environmental nuisance.

With regard to visual amenity of the increase used, the codes require that the premises contribute to the streetscape and are of an appropriate scale and design. Substantial

screening exists along Childers Road and the southern boundary. This generally excludes views to the site from these vantage points. Vegetated buffers are also existing along Tardas Road and Kingston Drive boundaries. Additionally, the proposed extended land use will not involve extensive additional works or buildings and structures not consistent with that associated with normal rural pursuits. It is considered that the proposed rural industry will not have a significant impact on visual amenity.

### Site Based Management Plan

The specific amendments proposed for Condition 15 (expansion of materials) are related to the management of environmental impacts generated by the proposed changes. Performance outcome 5 (PO5) of the Nuisance code requires that development is located, designed, constructed and operated to ensure that odour, dust and particulate emissions do not cause environmental nuisance to sensitive land uses (whether existing or proposed uses) in the surroundings of the proposed development.

A Site Based Management Plan (SBMP) was prepared to provide clear guidance for operation of the facility in order to avoid or minimise the risk to the environment associated with normal operations, or in the event of an incident, clear instructions as to the methods of control, reporting and follow up requirements. The applicant has stated that the SBMP was developed to meet requirements in relation to ERA 53 of the *Environment Protection Act* and other legislative obligations. As part of the SBMP, a number of management plans have been prepared. The SBMP was subject to an Information request issued by Council on 12 December 2017 for the clarification of specific timing for control measures/ mitigation methods and corrective action that are to be used, given the large majority of the expanded materials list (condition 15) are likely emit odours. This information was provided by the applicant on 25 January 2018 with improved timing and compliance measurements and was accompanied by a suggested list of amended waste streams to be inserted into the existing condition. It is further noted that the regulation and annual licensing of the aforementioned ERA 53 will remain the responsibility of the State government agency responsible as an additional measure to ensure any potential impacts and nuisance are controlled.

### Transport and Parking Code

The purpose of the Transport and Parking code is to ensure that transport infrastructure is provided in a manner that meets the needs of the development, whilst maintaining a safe and efficient road network. Two key performance outcomes are relevant to this application: namely, Performance outcome one (PO1) which deals with vehicle access, internal circulation and parking issues and Performance outcome two (PO2) that deals with the effect of the development on the external network.

Relating to PO2, the applicant seeks to delay widening of Tardas Road for a period of seven (7) years. The road is currently identified as a rural residential access road. Under the previous policies (of Isis Shire), under which this approval was granted, this road would have had no more than 200 mm pavement. Given the traffic provided

in Tables 11 – 15 of the submitted Traffic impact assessment for the site, the road would last between 3 months and a year before it fails completely.

Accordingly, at the proffered throughput of 30,000 tonnes per annum the Applicant will be required to reconstruct Tardas Road as per the original condition prior to the commencement of operations; noting, the seven year delay cannot be recommended for approval. Further, it is recommended that the supplied road widening plans SK100 – 103 should not be approved as they show widening only, not reconstruction. It should be further noted however, that the reconstruction condition will allow the provision of B-Double to the site and as such the condition restricting these vehicles can be deleted.

As an alternative to the construction prior to the commencement of use, if the Applicant agreed to limit the export to 15,000 tonnes in the first year they could delay the upgrade for a period of one year subject to works being provided at the entry and at the intersection with Childers road to provide an area for two vehicles to cross after the B-Double enters the road (to about chainage 50).

Considering PO1 of the Transport and parking code necessitates consideration of the adequacy of the access to and circulation within the site, the proposed change does not create any significant issues. However, the proposed access does not allow a B-Double and another vehicle to pass. Given there are a high number of heavy rigid vehicles and B-Doubles using the site it would be reasonable to provide an access that would allow the two vehicles to enter and leave the site on a sealed pavement, simultaneously. An advice notice is recommended for inclusion to address this issue, noting that an Operational works approval will be required to control the provision of the new roadway.

Additionally, when considering the potential conflicts with heavy vehicles and light vehicles as mentioned above which are to be resolved at the detailed Operational works stage, the applicant's request to amend condition 17 related to sale of the product from the site is considered acceptable in part. It is considered appropriate that wholesale of the product may generate a type and volume of traffic that is acceptable, however direct sale to the public (and therefore possibly increased volume of light vehicle traffic) is not considered appropriate and may increase the potential for conflicts with heavy vehicle movements on the site. An amended condition has been recommended accordingly to allow the wholesale as requested, however clarifying direct sale to the public is not permitted in small quantities.

#### Works, services and infrastructure code

The purpose of the Works, services and infrastructure code in regard to the provision of the Deep Water Holding Dam and Retention Basin will be achieved if the filling and excavation does not adversely or unreasonably impact on the natural environment, drainage conditions or adjacent properties. The submitted Site based stormwater management plan details that further investigation of the preferred spillway location for the dam outlet will be required as part of a further Operational works application.

Accordingly, it is recommended to include a new condition that the works associated with proposed Spillway to the Deep Water Holding Dam and Retention Basin will need



to be contained in the property with subcritical sheet flow established prior to the road reserve.

### Infrastructure Charges

The proposed development includes a workshop area with approximately 25.6m<sup>2</sup> GFA, an associated carpark area and amenities building. A review of the infrastructure charges in 331.2018.999.1 shows that the use does not exceed the previous use credit and as such no charge applies.

### Change to the application

During the application process, the applicant made amendments on 14 March 2018 to the proposal relating to the internal manoeuvring and operational activities, which were considered to be minor in nature. The changes were based upon relocating the bunded fuel area to be next to the workshop in the hardstand area. The fuel is required to refuel the 4WDs on site, and trucks will not be accessing this area (as originally proposed). This amended locations is not considered to result in additional environmental impacts for the site.

Related to this was an additional amendment for the removal of the turning area and the widening of the internal road approximately 20m for a length of 60m to accommodate a space for the trucks to queue internally. The applicant noted the reason for this change was to allow the trucks to pull up and check in with the site manager at the office as they enter the site. NuGrow would like the trucks to queue on the left hand side of the internal road to be on the same side as the site office and to avoid having the truck drivers to cross the internal road to get to the office. This arrangement is not considered to adversely impact on the traffic circulation for the site. By removing the truck turning area it avoids the need for trucks to cross the internal road and avoids them having to manoeuvre tight turns. Appropriate signs will be on site to safely direct vehicles and pedestrian and management plans will be in place address traffic movement on site.

## **4. REFERRALS**

### **4.1 Internal Referrals**

Advice was received from the following internal departments:

<b>Internal department</b>	<b>Referral Comments Received</b>
Development Assessment - Engineering	4 April 2018
Water and Wastewater	7 December 2017
Environmental Health	7 December 2017

Any significant issues raised in the referrals have been included in section 3 of this report.

## 4.2 Referral Agency

Referral Agency responses were received from the following State agencies:

Agency	Concurrence/ Advice	Date Received	Conditions Yes/No
Department of State Development, Manufacturing, Infrastructure and Planning	Concurrence	11 April 2018	Yes

Any significant issues raised have been included in section 3 of this report.

## 5. PUBLIC NOTIFICATION

Pursuant to the *Planning Act 2016*, this application was advertised for 15 business days from 5 February 2018 until 26 February 2018. The Applicant submitted documentation on 27 March 2018 advising that public notification had been carried out in accordance with the *Planning Act 2016*. Council received no submissions in relation to this development application during this period. Any significant issues raised have been included in section 3 of this report.

## 6. DRAFT CONDITIONS

Draft conditions were not issued to the Applicant.

It is noted that a verbal conversation was held with the Applicant to discuss the proposed changes to the conditions (as recommended). The Applicant indicated general acceptance on 9 May 2018.

## 7. REASONS FOR DECISION

The reasons for this decision are:

- The subject site is located within the Rural zone.
- The development complies with the requirements, or can be conditioned to comply with, the relevant applicable assessment benchmarks of the planning scheme.
- There is no discernible increase in impact on the existing rural character of the locality, as the ongoing use of the land and caretakers residence are consistent with the expected uses of a predominantly agricultural area;
- The proposal will not further fragment agricultural land in the area, the composting activities on the site will continue in the existing development footprint on the site with minor facilitate improvements (site office); and
- The proposed development is a value-adding activity that is appropriately co-located to support existing cropping activities in the surrounding area.

### Communication Strategy:

*[Explanation of section – In addressing this section, the Communications Team must be consulted on all reports to determine whether a communication strategy is required]*

Communications Team consulted. A Communication Strategy is:

- Not required  
 Required

**Attachments:**

- [↓1](#) Locality Plan  
[↓2](#) Site Plan  
[↓3](#) Approved Plans  
[↓4](#) Referral Agency Response (Amended)  
[↓5](#) Site Based Management Plan

**Recommendation:**

That Change Application 526.2017.16.1 detailed below be decided as follows:

**1. Location details**

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Street address: Tardas Road GREGORY RIVER, 19 Tardas Road GREGORY RIVER

Real property description: Lot: 3 SP: 275605, Lot: 4 SP: 275605, Lot: 5 SP: 275605

Local government area: Bundaberg Regional Council

**2. Details of Original Approval**

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Material Change of Use for Rural Industry (Soil Conditioning facility incorporating a Caretakers Residence)

Date of Approval: 10 September 2009

Application Number: 322.2008.22112.1 (and 322.2008.21122.2)

**3. Details of the proposed development**

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Development Permit for

Material Change of Use for Rural Industry (Soil Conditioning facility incorporating a Caretakers Residence) (changed pursuant to section 82 of the *Planning Act 2016*)

**4. Decision for change application**

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Decision details: The Bundaberg Regional Council has decided to:  
 Make the change and amend existing conditions. Please refer to Schedule 1.

The changes agreed to are:

1. Condition 1 (Approved Plans) – Amend to insert reference to new plans
2. Condition 15 – Amended
3. Condition 17 – Amended

4. Condition 18 – Amended
5. Condition 19 – Deleted
6. Condition 24 (Site based management plan ) – New condition
7. Condition 25 (Access to Site) - New condition
8. Condition 26 (Deep water holding dam and retention basin) – New condition

## **5. Rights of appeal**

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The rights of applicants to appeal to a tribunal or the Planning and Environment Court against decisions about a development application are set out in chapter 6, part 1 of the *Planning Act 2016*. For particular applications, there may also be a right to make an application for a declaration by a tribunal (see chapter 6, part 2 of the *Planning Act 2016*).

A copy of the relevant appeal provisions are included in Schedule 2.

## **SCHEDULE 1 EXISTING APPROVAL INCORPORATING CHANGES**

1 September 2009

Global Earth Solutions  
C/- GHD  
PO Box 712  
BUNDABERG QLD 4670

Attn: Randall Barrington

Dear Randall,

**Development Application Decision Notice  
Approval**

*Integrated Planning Act 1997 Section 3.5.15*

- RE: – Development Application for Material Change of Use for Rural Industry (Soil Conditioning Facility incorporating a Caretakers Residence) and Material Change of Use for ERA53 - Soil Conditioner Manufacturing; at 19 Tardas Road CORDALBA; land described as Lot 105 on SP138638, County Cook, Parish Gregory;
- Planning Scheme for Isis Shire 2007.

---

I refer to the above-described development application, received by Council on 1 August 2008. This application has been assessed by the Planning and Development Committee and approved, with conditions on the 10 September 2009.

**1. Details of Approval**

Development Application for Material Change of Use for Rural Industry (Soil Conditioning Facility incorporating a Caretakers Residence) and Material Change of Use for ERA53 - Soil Conditioner Manufacturing;

**2. Referral Agencies**

Concurrence Agencies: **Heritage, Coastal and ERAs**  
Ecoaccess Customer Service Unit  
Environmental Protection Agency  
PO Box 15155  
CITY EAST Q. 4002  
Tel: 1300 368 326  
Fax: 07 3115 9600

**Clearing of Native Vegetation**  
Department of Natural Resources and Water  
PO Box 1167  
BUNDABERG Q. 4670  
Tel: 07 4131 5504  
Fax: 07 4131 5896

**State Controlled Road Matters**  
Queensland Department of Main Roads  
PO Box 486  
BUNDABERG Q. 4670  
Tel: 07 4154 0200  
Fax: 07 4152 3878

Advice Agencies: **Wetlands**  
 Ecoaccess Customer Service Unit  
 Environmental Protection Agency  
 PO Box 15155  
 CITY EAST Q. 4002  
 Tel: 1300 368 326  
 Fax: 07 3115 9600

**3. Approved Plans**

Plan/Document Number	Plan/Document Name	Prepared By	Date
41-20150-C003 – Rev A	Heavy Vehicle Swept Paths – Sheet 2 of 2	GHD	September 2009
41-20150 – Rev A	Post Devt Stormwater Catchment Plan	GHD	July 2008
41/31116 Rev 0	<i>Site Based Stormwater Management Plan - Tardas Road Compost Facility, Gregory River</i>	<i>GHD</i>	<i>17 November 2017</i>
41-20150 – Rev A	Haul Route Layout Plan	GHD	September 2009
4131116 January 2018	<i>Site Based Management Plan for NuGrow Tardas Road Compost Facility, Gregory River</i>	<i>GHD</i>	<i>January 2018</i>
41-31116-G001 Rev A	<i>Proposed site office and amenities</i>	<i>GHD</i>	<i>3 November 2017</i>
41-31116-SK003 Rev B	<i>Tardas Road Compost Facility Office, Workshop And Carpark Layout</i>	<i>GHD</i>	<i>28 March 2018</i>
41-31116-SK002 Rev C	<i>Tardas Road Compost Facility Site Layout Plan</i>	<i>GHD</i>	<i>28 March 2018</i>
41-31116-G002 Rev A	<i>Proposed Workshop Structure</i>	<i>GHD</i>	<i>19 January 2018</i>

**4. Assessment Manager's Conditions and Advices**

Assessment Manager's Conditions: As per attached Schedule 1.  
 Assessment Manager's Advices: As per attached Schedule 2.

**5. Referral Agency's Response**

Concurrence Agencies: The Department of Main Roads, by letter dated 27 August 2009 (copy letter attached for information).  
 The Department of Natural Resources and Water, by letter dated 15 October 2008 (copy letter attached for information).

The Department of Environment and Resource Management by letter dated 7 September 2009 (copy letter attached for information).

Advice Agencies: The Environmental Protection Agency, by letter dated 3 October 2008 (copy letter attached for information).

**6. Further Development Permits Required**

The following development permits are necessary to allow the development to be carried out:-

- o Building Works – Assessable against the Building Act 1975 and the Building Regulations 2006;
- o Operational Works.

**7. Submissions**

There was one (1) properly made submission about the application. In accordance with s 3.5.15(2)(j) of the IPA, the name and address of the principal submitter for each properly made submission are as follows:-

Name of Principal Submitter	Address
NR & GE Kingston	37 Claytons Road, M.S. 315, Childers QLD, 4660

**8. Rights of Appeal**

Attached is an extract from the *Integrated Planning Act 1997* which details your appeal rights regarding this decision.

**9. When the Development Approval Takes Effect**

This development approval takes effect as per set out by s 3.5.19 of the *Integrated Planning Act 1997*.

Yours faithfully

(Peter Byrne)  
Chief Executive Officer

Enclosures: Schedule 1 – Assessment Manager’s Conditions;  
 Schedule 2 – Assessment Manager’s Advices;  
 Concurrence Agency’s Conditions;  
 Approved Plans;  
 Extract from the *Integrated Planning Act 1997*.

cc. For Information Purposes

Concurrence Agencies: **Heritage, Coastal and ERAs**  
 Ecoaccess Customer Service Unit



Environmental Protection Agency  
 PO Box 15155  
 CITY EAST Q. 4002  
 Tel: 1300 368 326  
 Fax: 07 3115 9600

**Clearing of Native Vegetation**

Department of Natural Resources and Water  
 PO Box 1167  
 BUNDABERG Q. 4670  
 Tel: 07 4131 5504  
 Fax: 07 4131 5896

**State Controlled Road Matters**

Queensland Department of Main Roads  
 PO Box 486  
 BUNDABERG Q. 4670  
 Tel: 07 4154 0200  
 Fax: 07 4152 3878

Advice Agencies:

**Wetlands**

Ecoaccess Customer Service Unit  
 Environmental Protection Agency  
 PO Box 15155  
 CITY EAST Q. 4002  
 Tel: 1300 368 326  
 Fax: 07 3115 9600

Submitter:

NR & GE Kingston  
 37 Claytons Road, M.S. 315,  
 Childers QLD, 4660

**Schedule 1  
 Assessment Manager's Conditions**

**Development Application for Material Change of Use for Rural Industry (Soil Conditioning Facility incorporating a Caretakers Residence)**

Council Reference:	322.2008.22112.1
Development Permit Date:	11 September 2009
Applicant:	Global Earth Solutions
Property Owner:	M R Gutzke
Real Property Description:	Lot 105 on SP 138638, County Cook, Parish Gregory
Location:	19 Tardas Road CORDALBA
Approved Use:	Development Application for Material Change of Use for Rural Industry (Soil Conditioning Facility incorporating a Caretakers Residence)

Planning Scheme:	For the Balance of the Isis Shire (Superseded Planning Scheme)
Land Designation:	Rural B zone and in the Rural Protected Arable land designation (superseded)

### **Development Conditions**

#### Approved Plans

1. The development is to be generally in accordance with Conditions contained within this notice and the following Approved Plans;

Plan/Document Number	Plan/Document Name	Prepared By	Date
41-20150-C003 – Rev A	Heavy Vehicle Swept Paths – Sheet 2 of 2	GHD	September 2009
41-20150 – Rev A	Post Devt Stormwater Catchment Plan	GHD	July 2008
41/31116 Rev 0	<i>Site Based Stormwater Management Plan - Tardas Road Compost Facility, Gregory River</i>	<i>GHD</i>	<i>17 November 2017</i>
41-20150 – Rev A	Haul Route Layout Plan	GHD	September 2009
4131116 January 2018	<i>Site Based Management Plan for NuGrow Tardas Road Compost Facility, Gregory River</i>	<i>GHD</i>	<i>January 2018</i>
41-31116-G001 Rev A	<i>Proposed site office and amenities</i>	<i>GHD</i>	<i>3 November 2017</i>
41-31116-SK003 Rev B	<i>Tardas Road Compost Facility Office, Workshop And Carpark Layout</i>	<i>GHD</i>	<i>28 March 2018</i>
41-31116-SK002 Rev C	<i>Tardas Road Compost Facility Site Layout Plan</i>	<i>GHD</i>	<i>28 March 2018</i>
41-31116-G002 Rev A	<i>Proposed Workshop Structure</i>	<i>GHD</i>	<i>19 January 2018</i>

#### General

2. All works are to be undertaken at the Developer's expense;
3. All Conditions contained in this Decision Notice are to be completed/complied with before the use hereby approved commences, unless otherwise stated within this notice;

#### Water & Onsite Sewerage Facilities

4. The developer is responsible for ensuring the approved use is provided with a supply of water and water storage/s that are adequate to meet the needs of the use, including for fire fighting purposes;
5. A supply of potable water is to be made available to staff and visitors. The water shall satisfy the Australian Drinking Water Guidelines, or relevant standard applicable at the time. Council does not recommend that tank (rain) water be used for drinking purposes unless an approved filtration system and a disinfection/ ultra violet ray system is installed. The source of any potable water supply is to be approved by Council prior to the commencement of the use;
6. The development is to be provided with an approved On-site Sewerage Facility with sufficient capacity to service the land use. The On-site Sewerage Facility is to be designed, operated, constructed and maintained in accordance with the Department of Infrastructure and Planning - Queensland Plumbing and Wastewater Code (QPW code)- 1 January 2008 and Australian Standards, under the Plumbing and Drainage Act 2002;

#### Stormwater

7. Stormwater is to be managed in accordance with the approved Site Based Stormwater Management Plan;
8. The developer is to construct all stormwater management components including perimeter sediment drains, sediment control and retention basins prior to the commencement of the use;

#### Roadworks

9. ***The developer is to reconstruct Tardas Road, from the Childers Road / Tardas Road intersection to a length of 22.5 metres past the site entrance, plus 1 in 10 tapers to join the existing roadway, to a Rural Collector standard, in accordance with the Isis Shire Planning Scheme Policy 6/07 – Development Standards. Compliance with this Condition may be deferred for a maximum period of 12 months, from commencement of the use, where outputs do not exceed 15,000 tonne per annum;***
10. The developer is to erect permanent warning signs, on Tardas Road to alert drivers approaching the site access to movements of heavy vehicles. The location and design of warning signage is to be approved in conjunction with the operational works permit for the Tardas Road roadworks;
11. The developer is to construct a commercial / industrial access from the Tardas Road carriageway extending a minimum of ten (10) metres

into the Lot. The access is to be designed and constructed generally in accordance with Council's standard drawing C043-08 (with the omission of concrete footpaths) and the Isis Shire Planning Scheme Policy 6/07 – Development Standards;

12. Internal vehicle movement and car parking areas must be constructed to a compacted gravel standard and an impervious sealed standard in accordance with the approved plans;

13. Vegetated Buffers

The developer is to construct / plant vegetated buffers to a minimum width of six (metres) along the site's Tardas Road (excluding the approved access point) and Kingston Drive frontages. The vegetated buffers are to:

- i. include species consistent with the Local Regional Ecosystem / native vegetation;
- ii. include a combination of trees, shrubs and ground covers with varying growth habits and mature heights; and,
- iii. retain existing mature native vegetation located within the buffer area.

The vegetated buffers must be constructed / planted prior to the commencement of the use and maintained thereafter to the requirements of the Council;

### Operating Procedures

14. Bagging of the finished product (compost / soil conditioner) is not permitted on-site;
15. *Feedstocks that are proposed to be accepted at the approved facility must be in accordance with approved organic waste streams under the relevant Environmental Authority for the subject site (ERA 53 or subsequent version) at all times. The materials permitted to be used at the site for soil conditioner manufacturing are:*
  - i. *a substance used for manufacturing fertiliser for agricultural, horticultural or garden use*
  - ii. *animal manure*
  - iii. *biosolids*
  - iv. *cardboard and paper waste*
  - v. *fish processing waste*
  - vi. *food and food processing waste*
  - vii. *plant material*
  - viii. *poultry processing waste*
  - ix. *waste generated from an abattoir*

16. The maximum output (processed compost / soil conditioner) from the site must generally not exceed 30,000 tonnes per year;
17. *The wholesale of soil conditioner / compost products from the site is permitted. The direct sale to the public (in smaller quantities) is not permitted.*
18. Heavy vehicles associated with the land use must utilise the route defined by Approved Plan 41-20150 – Rev A, Haul Route Layout Map, prepared by GHD and dated September 2009 *amended as necessary to allow B-Double access to the site;*
19. All vehicles must enter and exit the site in a forward direction;
20. Vehicle parking associated with the land use is not permitted in the Tardas Road road reserve;

#### Declared Plants and Pests

21. The developer must remove / treat any declared plants or pests present on the site prior to the commencement of the use;

#### Damage or Alteration

22. Any damage to Council assets during construction or operational works must be rectified by and the cost borne by the developer, prior to the commencement of the use;

#### Site Based Management Plan

23. *All operations undertaken on site must be in accordance with the Site Based Management Plan for NuGrow Tardas Road Compost Facility, Gregory River, dated January 2018 (4131116) or any subsequent version to be submitted to the Assessment Manager for approval.*

#### Access to Site

24. *The sealed access to the site must be sufficiently wide in Tardas Road and within the site to allow a heavy rigid vehicles and B-Double to enter and leave the site at the same time with adequate clearance.*

#### Deep Water Holding Dam and Retention Basin

25. *The proposed Spillway to the Deep Water Holding Dam and Retention Basin is to be contained in the property with subcritical sheet flow established prior to the road reserve.*

**Schedule 2  
Assessment Manager's Advices**

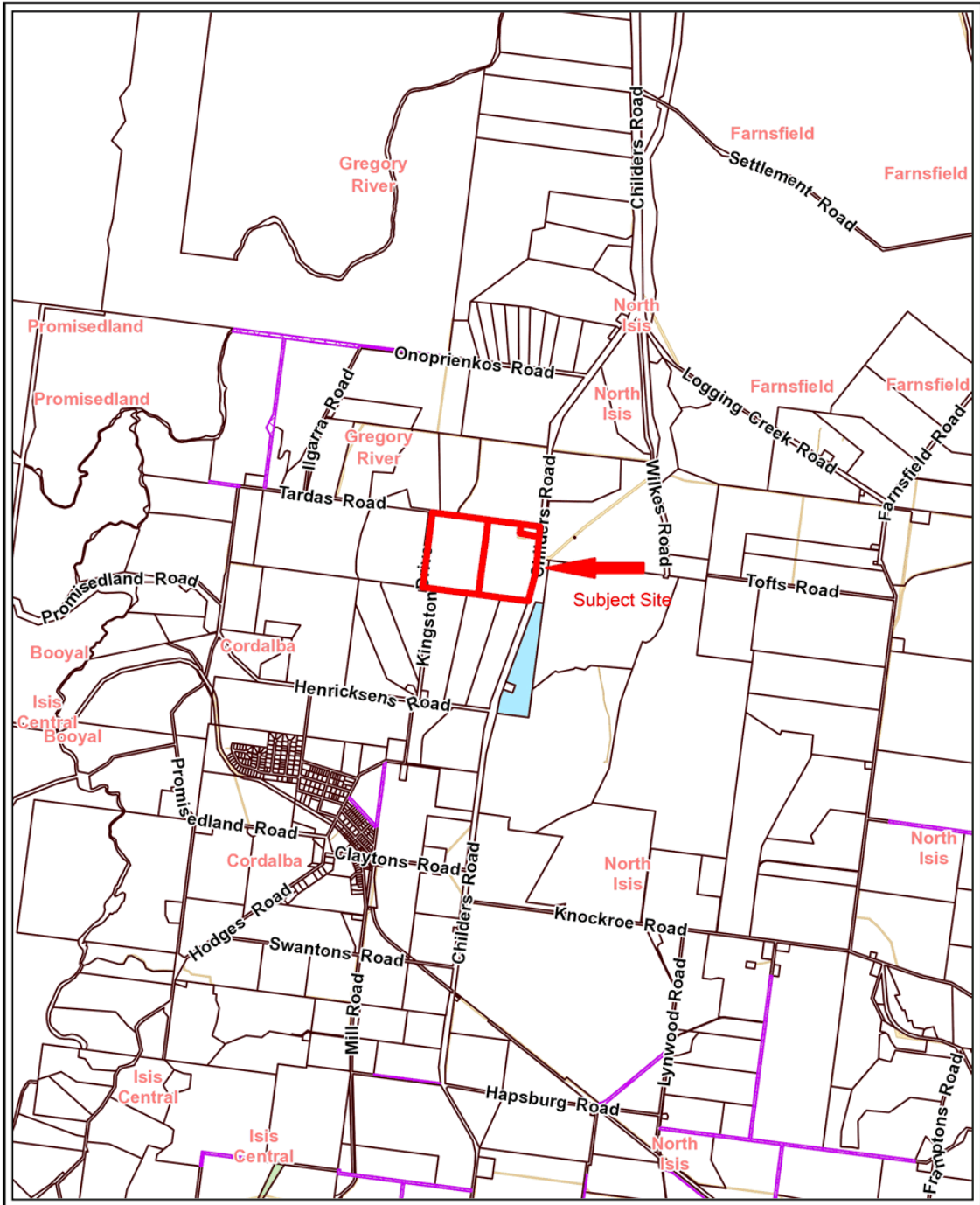
**Development Application for Material Change of Use for Rural Industry (Soil Conditioning Facility incorporating a Caretakers Residence)**



Council Reference:	322.2008.22112.1
Development Permit Date:	11 September 2009
Applicant:	Global Earth Solutions
Property Owner:	M R Gutzke
Real Property Description:	Lot 105 on SP 138638, County Cook, Parish Gregory
Location:	19 Tardas Road CORDALBA
Approved Use:	Development Application for Material Change of Use for Rural Industry (Soil Conditioning Facility incorporating a Caretakers Residence)
Planning Scheme:	For the Balance of the Isis Shire (Superseded Planning Scheme)
Land Designation:	Rural B zone and in the Rural Protected Arable land designation (superseded)

**Development Advice**

1. The applicant and submitter be advised they have twenty (20) business days after the day the decision notice is given to the applicant to appeal against the conditions of approval, in accordance with Section 4.1.27 and 4.1.28 of the Integrated Planning Act.
2. The applicant be supplied with a copy of Section 4.1.27 of the said Act.
3. The relevant period for this development is in accordance with section 3.5.21 and 3.5.21A of the Integrated Planning Act 1997.
4. An application for approval of Operational Works is to be submitted for the component of works included within the road reserve.
6. An application for plumbing and drainage works under the Plumbing and Drainage Act 2002 is to be submitted for all works included within private property.
  
7. This development approval does not authorise any activity that may harm Aboriginal cultural heritage. Under the Aboriginal Cultural Heritage Act 2003 you have a duty of care in relation to such heritage. Section 23(1) provides that "A person who carries out an activity must take all reasonable and practicable measures to ensure the activity does not harm Aboriginal cultural heritage." Council does not warrant that the approved development avoids affecting Aboriginal cultural heritage. It may therefore be prudent for you to carry out searches, consultation, or a cultural heritage assessment to ascertain the presence or otherwise of Aboriginal cultural heritage. The Act and the associated duty of care guidelines explain your obligations in more detail and should be consulted before proceeding.





  **LOCALITY PLAN**  
19 Tardas Road, Gregory River  
526.2017.16.1



Projection: GDA\_1994\_MGA\_Zone\_56      Date: 9/5/2018 10:56 AM      Scale 1 : 42,000.00      on A4 Sheet

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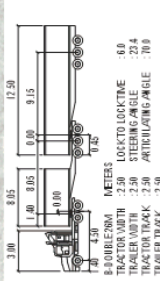
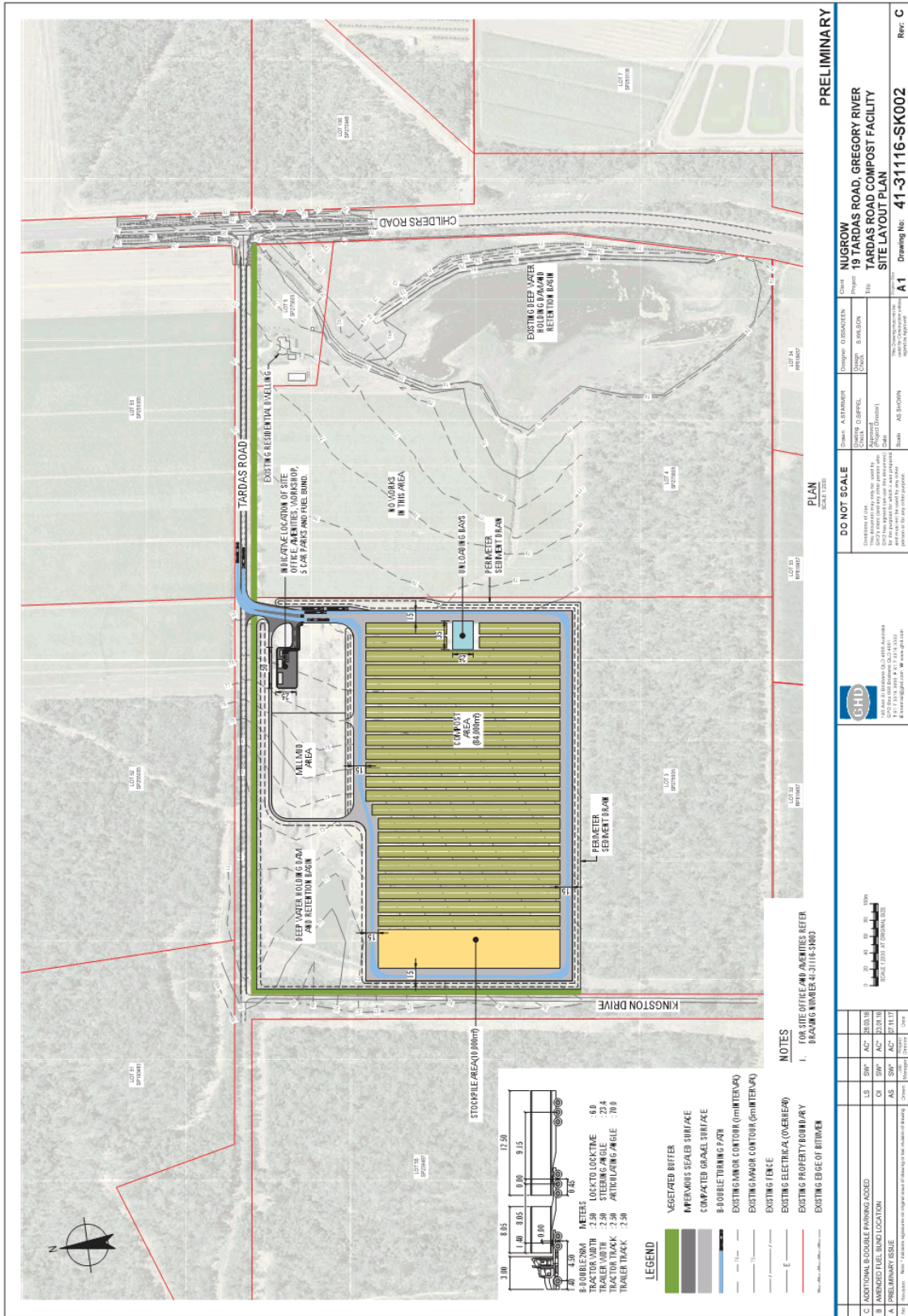
While every care is taken to ensure the accuracy of this data, the Department of Natural Resources and Mines and the Bundaberg Regional Council makes no representation or warranties about its accuracy, reliability, completeness or stability for any particular purpose and disclaims all responsibility and all liability (including without limitation, liability in negligence) for all expenses, losses, damages (including indirect or consequential damage) and costs which you might incur as a result of the data being inaccurate or incomplete in any way and for any reason.

840.00 0 420.00 840.00 Meters      Author: Erin Clark



 <p><b>BUNDABERG</b> REGIONAL COUNCIL</p>		<p><b>SITE PLAN</b> 19 Tardas Road, Gregory River 526.2017.16.1</p>
<p>Projection: GDA_1994_MGA_Zone_56      Date: 9/5/2018 10:48 AM      Scale 1 : 8,000.00      on A4 Sheet</p>		
<p><small>© The State of Queensland (Department of Natural Resources and Mines) 2018. Based on Cadastral Data provided with the permission of the Department of Natural Resources and Mines 2018. The information contained within this document is given without acceptance of responsibility for its accuracy. The Bundaberg Regional Council (and its officers, servants and agents), contract and agree to supply information only on that basis.</small></p>		<p><small>While every care is taken to ensure the accuracy of this data, the Department of Natural Resources and Mines and the Bundaberg Regional Council makes no representation or warranties about its accuracy, reliability, completeness or stability for any particular purpose and disclaims all liability (including without limitation, liability in negligence) for all expenses, losses, damages (including indirect or consequential damage) and costs which you might incur as a result of the data being inaccurate or incomplete in any way and for any reason.</small></p>
<p>160.00      0      80.00      160.00 Meters</p> <p>Author: Erin Clark</p>		





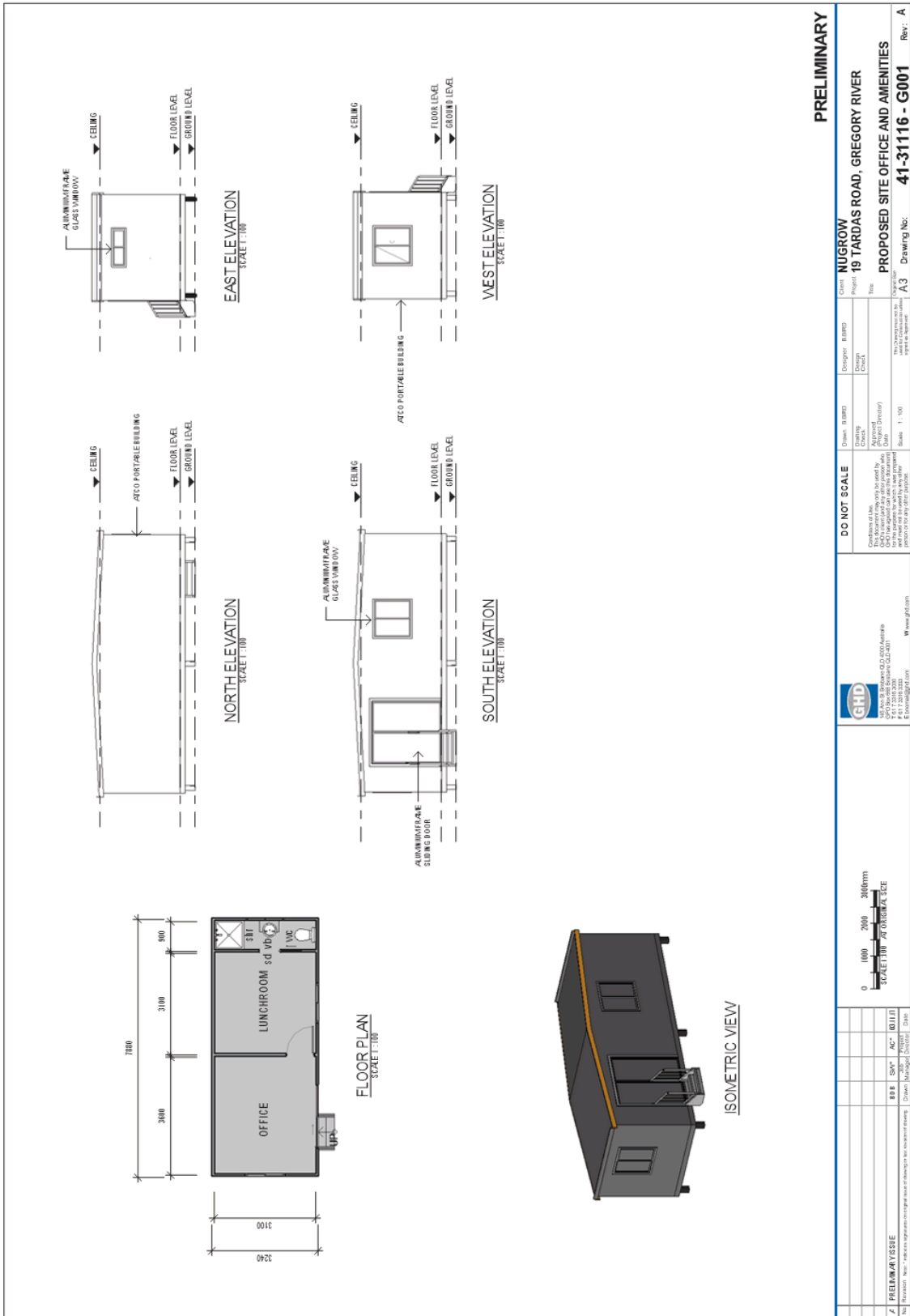
- LEGEND**
- VEGETAR BUFFER
  - PERIMETER SEALS SURFACE
  - COMPACTED GRAVEL SURFACE
  - B-DUBLE TRAILING PATH
  - EXISTING FENCE OR CONTOUR (WITH INTERVAL)
  - EXISTING FENCE OR CONTOUR (WITHOUT INTERVAL)
  - EXISTING FENCE
  - EXISTING ELECTRICAL OVERHEAD
  - EXISTING PROPERTY BOUNDARY
  - EXISTING EDGE OF BITUMEN

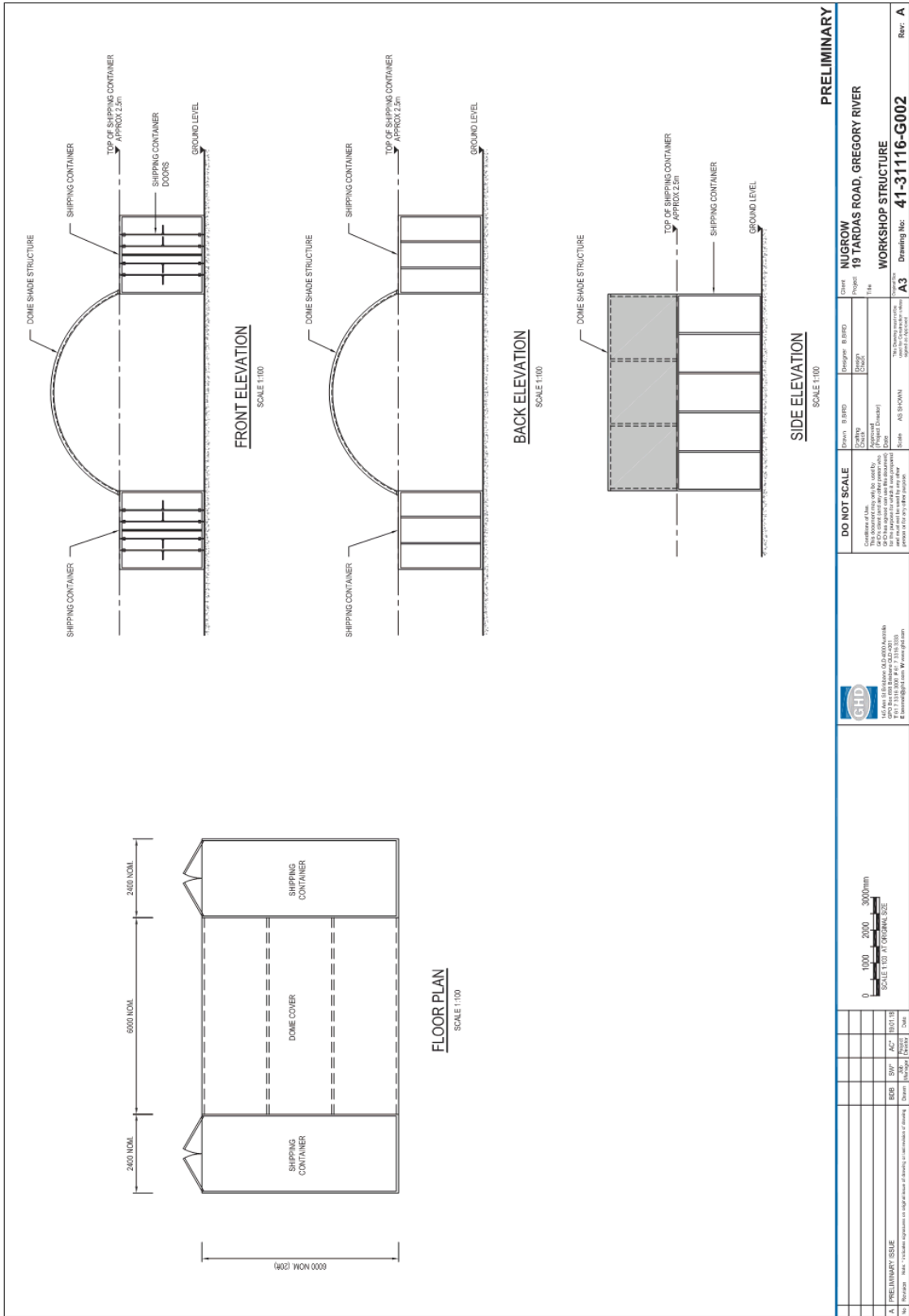
**NOTES**  
 1. FOR SITE OFFICE AND AGENCIES REFER DRAWING NUMBER 41-31116-SK002

DO NOT SCALE		DESIGNER	ENGINEER	DATE
CONSTRUCTION	CONSTRUCTION	AS SHOWN	AS SHOWN	19/08/2019
DATE	DATE	DATE	DATE	DATE
19/08/2019	19/08/2019	19/08/2019	19/08/2019	19/08/2019

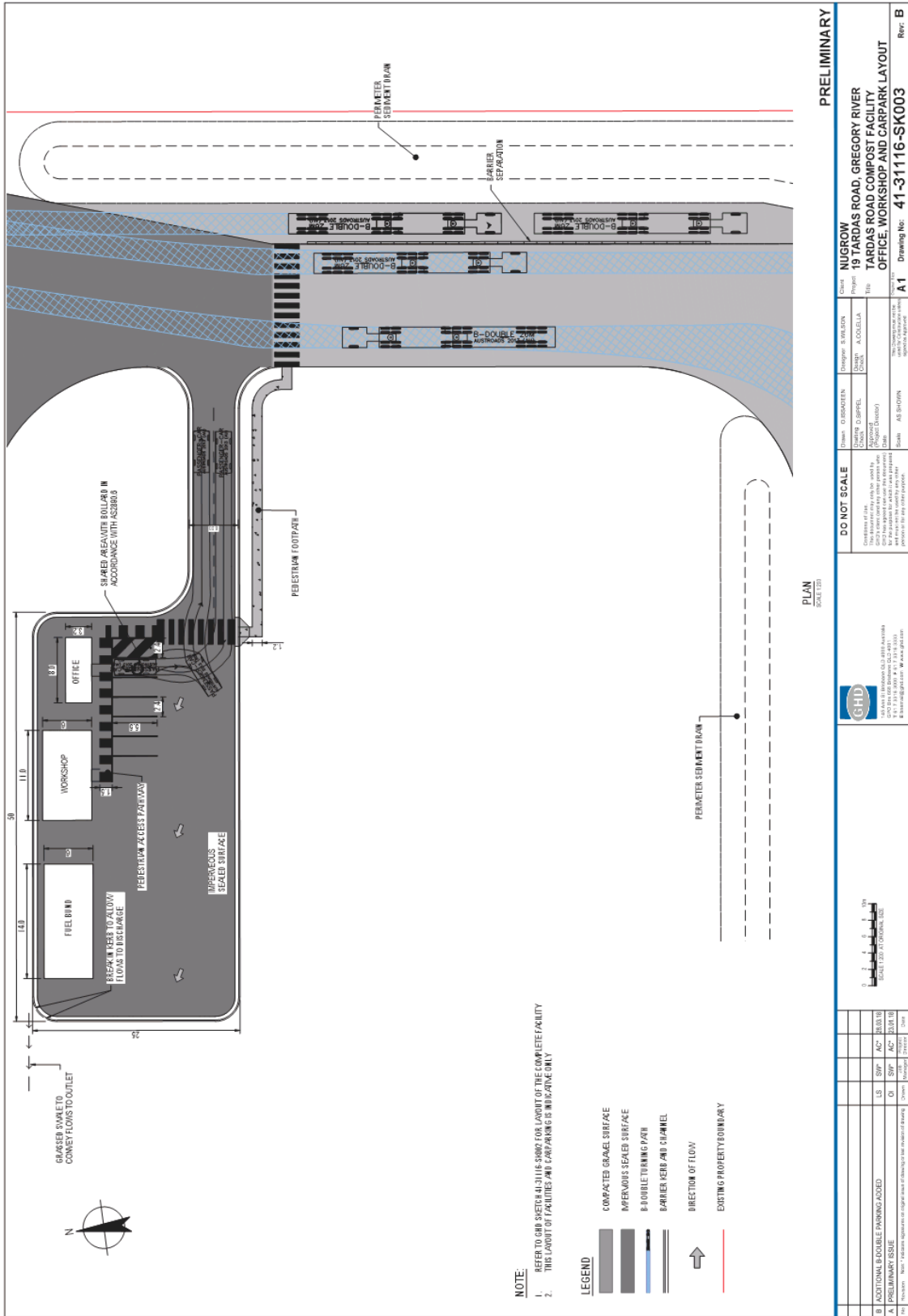
  

PRELIMINARY	
PROJECT	NUGROW 19 TARDAS ROAD, GREGORY RIVER TARDAS ROAD COMPOST FACILITY SITE LAYOUT PLAN
DRAWING NO.	41-31116-SK002
REV.	C





<b>DO NOT SCALE</b>		Client: <b>BURB</b>	Project: <b>BURB</b>	Drawn: <b>AS</b>	Checked: <b>AS</b>	Scale: <b>AS SHOWN</b>	Notes: <b>AS SHOWN</b>
<p>Condition of this drawing is for information only. It is not to be used for construction or any other purpose without the written approval of the author.</p> <p>For the purposes of this drawing, the author is not responsible for any errors or omissions.</p>		<p>Contractor: <b>BURB</b></p> <p>Engineer: <b>AS</b></p> <p>Architect: <b>AS</b></p> <p>Structural Engineer: <b>AS</b></p> <p>Electrical Engineer: <b>AS</b></p> <p>Plumbing Engineer: <b>AS</b></p> <p>Mechanical Engineer: <b>AS</b></p> <p>Other: <b>AS</b></p>	<p>Project: <b>BURB</b></p> <p>Site: <b>BURB</b></p> <p>Phase: <b>BURB</b></p> <p>Discipline: <b>BURB</b></p> <p>Version: <b>BURB</b></p>	<p>Drawn: <b>AS</b></p> <p>Checked: <b>AS</b></p> <p>Scale: <b>AS SHOWN</b></p> <p>Notes: <b>AS SHOWN</b></p>	<p>Author: <b>AS</b></p> <p>Client: <b>BURB</b></p> <p>Project: <b>BURB</b></p> <p>Site: <b>BURB</b></p> <p>Phase: <b>BURB</b></p> <p>Discipline: <b>BURB</b></p> <p>Version: <b>BURB</b></p>	<p>Scale: <b>AS SHOWN</b></p> <p>Notes: <b>AS SHOWN</b></p>	<p>Notes: <b>AS SHOWN</b></p>
<p><b>PRELIMINARY</b></p> <p><b>NUGROW</b> 19 TARDAS ROAD, GREGORY RIVER</p> <p><b>WORKSHOP STRUCTURE</b></p> <p>Drawing No: <b>41-31116-G002</b></p> <p>Rev: <b>A</b></p>							





Department of  
**State Development,  
Manufacturing,  
Infrastructure and Planning**

Our reference: 1711-2817 SRA  
Your reference: 526.2017.16.1

10 April 2018

The Chief Executive Officer  
Bundaberg Regional Council  
PO Box 3130  
BUNDABERG QLD 4670  
development@bundaberg.qld.gov.au

**Attention: Ms Erin Clark**

Dear Ms Clark

**Change referral agency response—with conditions (Amended)**  
(Given under Section 82 of the *Planning Act 2016*)

The Change Application (other) described below was properly referred to the Department of State Development, Manufacturing, Infrastructure and Planning (the department) on 6 December 2017 with subsequent notification of the minor change to the current application on 4 April 2018 (pursuant to Section 52(1) of the *Planning Act 2016*). The department has considered the application and now provides this changed referral agency response (deleted text in strikethrough and new text in bold).

This amended response replaces the earlier response issued by the department on 11 January 2018.

**Applicant details**

Applicant name:	NuGrow Bundaberg Pty Ltd C/- GHD
Applicant contact details:	145 Ann Street BRISBANE QLD 4000 Sarah.Wilson@ghd.com

**Location details**

Street address:	19 Tardas Road and Tardas Road, GREGORY RIVER
Real property description:	Lots 3, 4 and 5 on SP275605
Local government area:	Bundaberg Regional Council

**Application details**

Development Permit	Material Change of Use (High Impact Industry)
--------------------	---

**Referral triggers**

The development application was referred to the department under the following provisions of the Planning Regulation 2017:

- 10.9.4.2.4.1 Material change of use of premises near a State transport corridor



**Changed Conditions**

Under Section 56(1)(b)(i) of the *Planning Act 2016* (the Act), the conditions set out in Attachment 1 must be attached to any development approval.

**Reasons for decision to impose conditions**

The department must provide reasons for the decision to impose conditions. These reasons are set out in Attachment 2.

**Changed approved plans and specifications**

The department requires that the plans and specifications set out below and enclosed must be attached to any development approval. The approved plans and specifications can be found in Attachment 3.

Drawing/report title	Prepared by	Date	Reference no.	Revision
<b>Aspects of development: Material Change of Use (High Impact Industry)</b>				
<i>Tardas Road Compost Facility Site Layout Plan</i>	GHD	<del>7 November 2017</del> <b>28 March 2018</b>	Drawing No. 41-31116-SK002	<del>Revision A</del> <b>Revision C</b>
<i>External Roadworks Sheet 1 of 3</i>	GHD	November 2017	Drawing No. SK100	Revision A
<i>External Roadworks Sheet 2 of 3</i>	GHD	November 2017	Drawing No. SK101	Revision A
<i>External Roadworks Sheet 3 of 3</i>	GHD	November 2017	Drawing No. SK102	Revision A

A copy of this response has been sent to the applicant for their information.

For further information please contact Peter Mulcahy, Principal Planning Officer, on (07) 4331 5614 or via email [WBBSARA@dndmip.qld.gov.au](mailto:WBBSARA@dndmip.qld.gov.au) who will be pleased to assist.

Yours sincerely



Luke Lankowski  
Manager, Planning

cc NuGrow Bundaberg Pty Ltd  
C/- GHD  
[Sarah.Wilson@ghd.com](mailto:Sarah.Wilson@ghd.com)

Department of Transport and Main Roads  
[Wide.Bay.Burnett.IDAS@tmr.qld.gov.au](mailto:Wide.Bay.Burnett.IDAS@tmr.qld.gov.au)

Enc  
Attachment 1—Conditions to be imposed  
Attachment 2—Reasons for decision to impose conditions  
Attachment 3—Further advice  
Attachment 4—Approved plans and specifications

1711-2817 SRA

**Attachment 1—Changed conditions to be imposed**

No.	Conditions	Condition timing
<b>Development Permit for Material Change of Use (High Impact Industry)</b>		
10.9.4.2.4.1 Material change of use near a State transport corridor - The chief executive administering the <i>Planning Act 2016</i> nominates the Director-General of the Department of Transport and Main Roads to be the enforcement authority for the development to which this development approval relates for the administration and enforcement of any matter relating to the following conditions:		
1.	The development must be carried out generally in accordance with the following plans: <ul style="list-style-type: none"> <li>• <i>Tardas Road Compost Facility Site Layout Plan</i>, prepared by GHD, dated <del>7 November 2017</del> <b>28 March 2018</b>, Drawing No. 41-31116-SK002 <del>Revision A</del> <b>Revision C</b></li> </ul>	Prior to the commencement of use and to be maintained at all times.
2.	The development must be carried out generally in accordance with the Site Based Stormwater Management Plan prepared by GHD dated 17 November 2017, Job No. 41-31116 Revision 0.	At all times.
3.	(a) Road works comprising of widening Tardas Road, must be provided generally in accordance with External Roadworks Sheets 1, 2 and 3 of 3 prepared by GHD dated November 2017, Job No. 41-31116 SD100, SK101 and SK102 all Revision A.  (b) The road works must be designed and constructed in accordance with the Department of Transport and Main Roads' <i>Road Planning and Design Manual 2<sup>nd</sup> Edition</i> , standards and specifications.	Prior to the commencement of use.

1711-2817 SRA

**Attachment 2—Reasons for decision to impose conditions**

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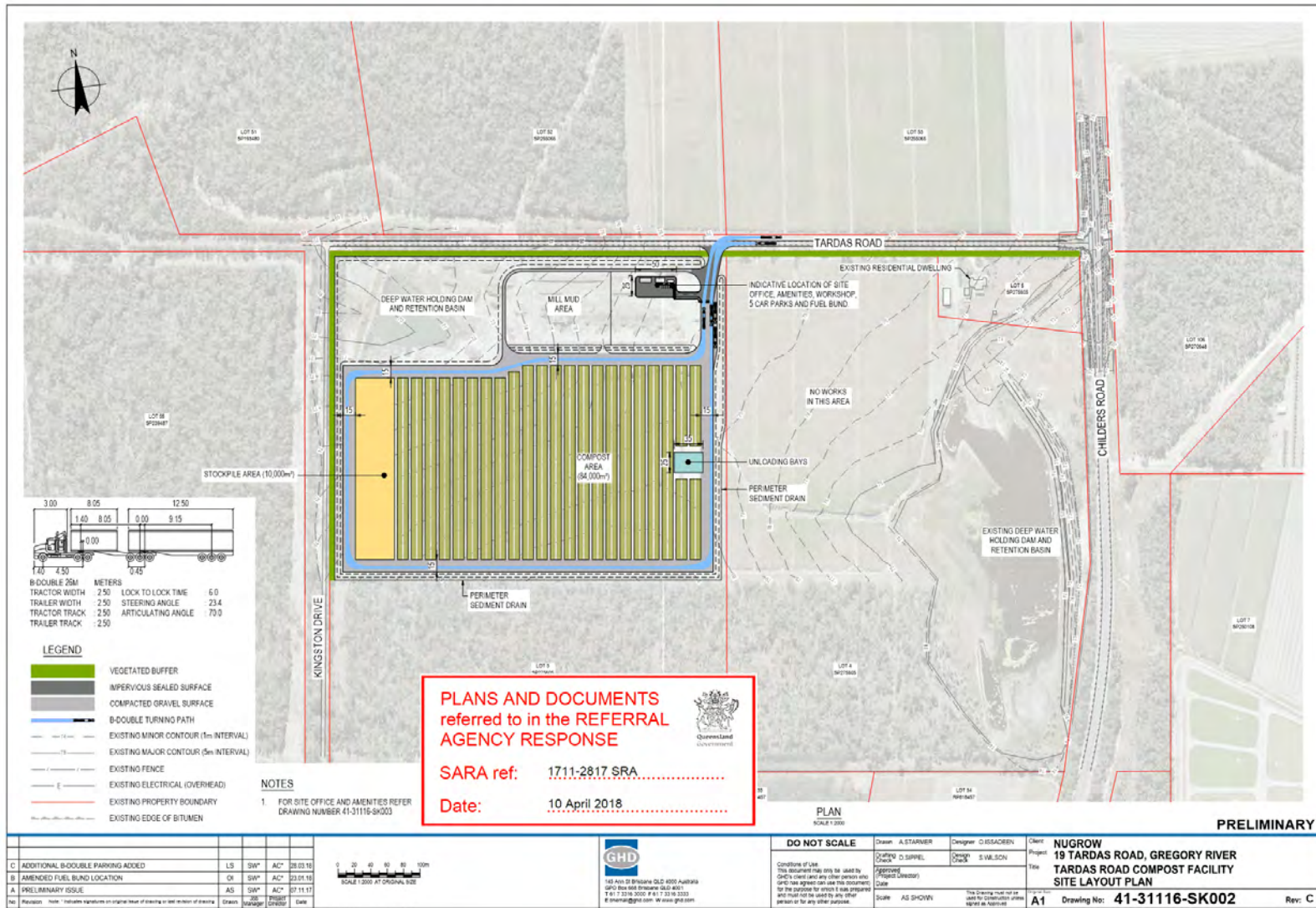
The reasons for this decision are:

- To ensure the development is carried out generally in accordance with the plans of development submitted with the application.
- To ensure that the impacts of stormwater events associated with the development are minimised and managed to avoid creating any adverse impacts on the state-transport corridor.
- To ensure the road works on, or associated with, the state-controlled road network are undertaken in accordance with applicable standards.

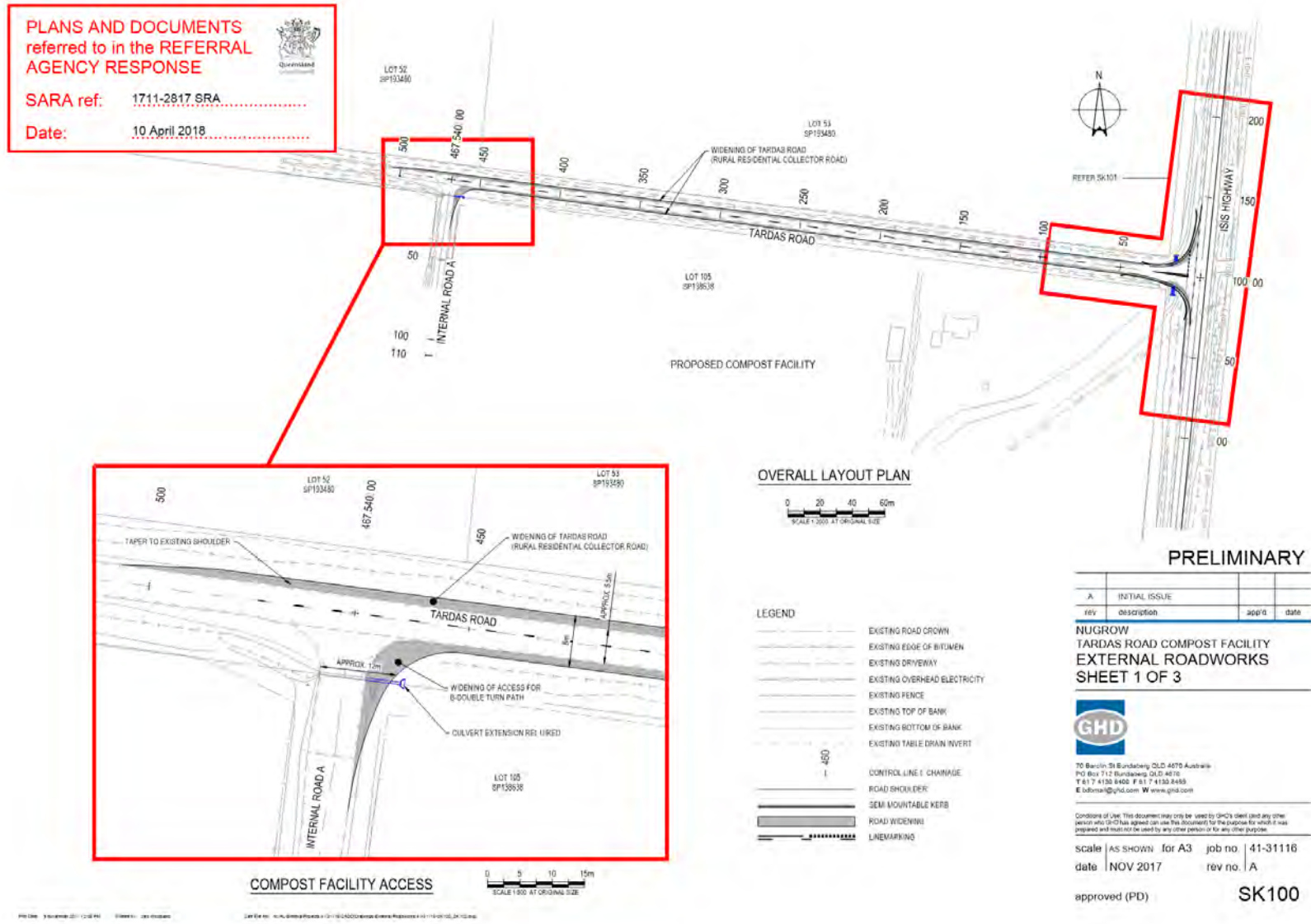
1711-2817 SRA

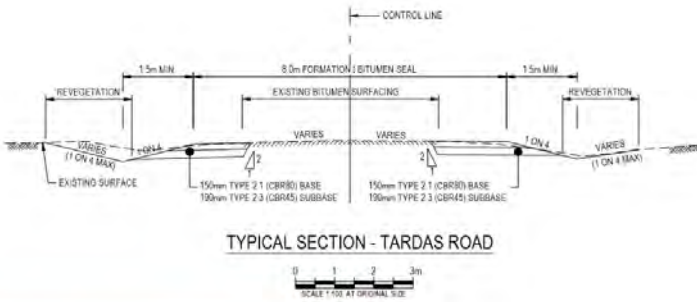
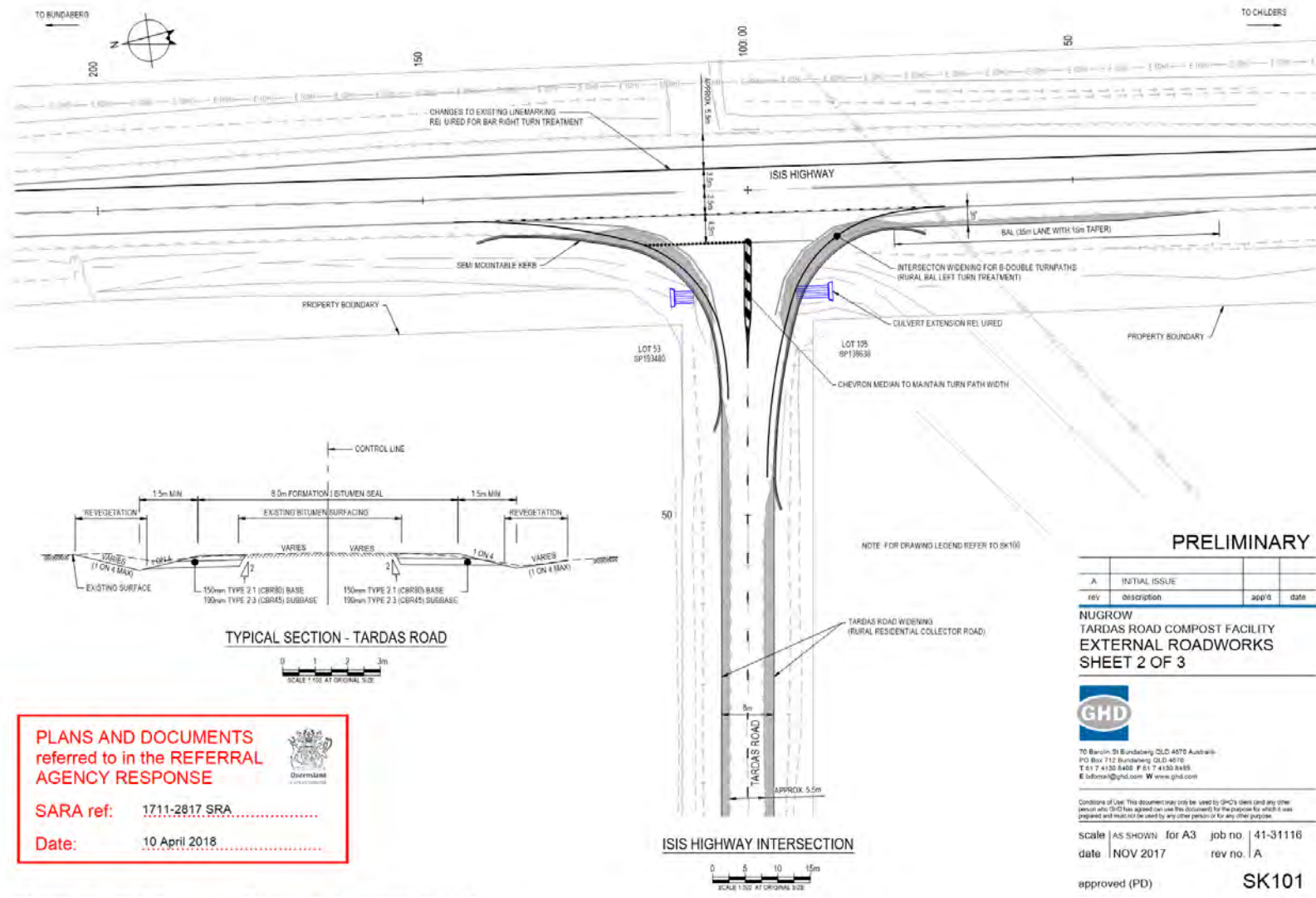
**Attachment 3—Further advice**

Use of Tardas Road by B-Double vehicles	
1.	<p>Under National Heavy Vehicle Law, Tardas Road is not an as-of-right B-Double route.</p> <p>Use of Tardas Road by B-Double vehicles must not occur unless a permit has been obtained from the National Heavy Vehicle Regulator (NHVR). Further details about the permit application process and requirements can be found at <a href="http://www.nhvr.gov.au">www.nhvr.gov.au</a>.</p>
Road Works Approval	
2.	<p>Under Section 33 of the <i>Transport Infrastructure Act 1994</i>, written approval is required from the Department of Transport and Main Roads to carry out road works on a State-controlled road.</p> <p>Please contact the Department of Transport and Main Roads on <a href="mailto:WBB.IDAS@tmr.qld.ov.au">WBB.IDAS@tmr.qld.ov.au</a> to make an application for road works approval. This approval must be obtained prior to commencing any works on the state-controlled road reserve. The approval process may require the approval of engineering designs of the proposed works, certified by a Registered Professional Engineer of Queensland (RPEQ).</p> <p>The road access works approval process takes time – please ensure you contact the Department of Transport and Main Roads as soon as possible to ensure that gaining approval does not delay construction.</p>









**PLANS AND DOCUMENTS referred to in the REFERRAL AGENCY RESPONSE**

**SARA ref:** 1711-2817 SRA

**Date:** 10 April 2018



**PRELIMINARY**

rev	description	app'd	date
A	INITIAL ISSUE		

**NUGROW  
TARDAS ROAD COMPOST FACILITY  
EXTERNAL ROADWORKS  
SHEET 2 OF 3**



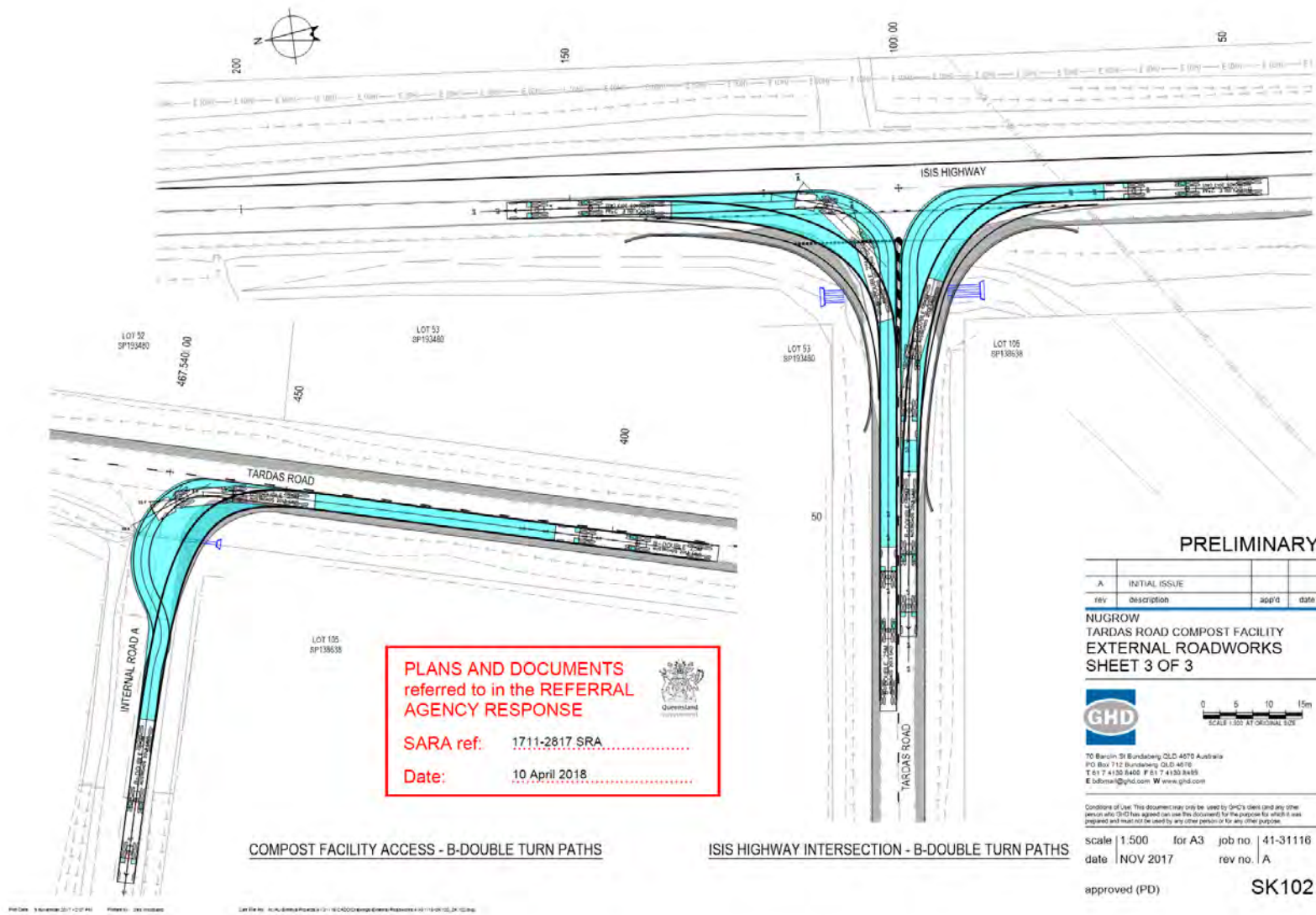
70 Barclay St Bundaberg QLD 4670 Australia  
PO Box 112 Bundaberg QLD 4670  
T 61 7 4130 8400 F 61 7 4130 8489  
E info@ghd.com W www.ghd.com

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Scale AS SHOWN for A3 job no 41-31116  
date NOV 2017 rev no A

approved (PD) **SK101**





**Attachment 4—Approved plans and specifications**

---

1711-2817 SRA



Department of  
**State Development,  
Manufacturing,  
Infrastructure and Planning**

GE78-N

**Department of State Development, Manufacturing, Infrastructure and Planning**

**Statement of reasons for application 1711-2817 SRA**

(Given under Section 56 of the *Planning Act 2016*)

Departmental role: Referral agency (other change)

**Applicant details**

Applicant name: NuGrow Bundaberg Pty Ltd  
C/- GHD

Applicant contact details: [Sarah.Wilson@ghd.com](mailto:Sarah.Wilson@ghd.com)  
145 Ann Street  
BRISBANE QLD 4000

**Location details**

Street address: 19 Tardas Road and Tardas Road, GREGORY RIVER  
Real property description: Lots 3, 4 & 5 on SP275605  
Local government area: Bundaberg Regional Council

**Development details and assessment matters**

Nature of Approval	Level of Assessment	Development Description	Applicable State Development Assessment Provisions
Development Permit	Impact Assessable	Change application (other) to Development Permit for High Impact Industry	State Code 1: Development in a state-controlled road environment

**Reasons for the Department of State Development, Manufacturing, Infrastructure and Planning decision**

The reasons for the decision are:

- The proposed change complies with all applicable performance outcomes of the State Development Assessment Provisions, State Code 1: Development in a state-controlled road environment through the application of conditions in relation to the site layout, stormwater management and external road works at the Tardas Road/Isis Highway intersection
- The nature of the revised conditions achieve the purpose of State Code 1

Decision:

Nature of Approval	Nature of Decision	Date of Decision
Development Permit	Approved subject to conditions	10 April 2018

Page 1 of 2

Wide Bay Burnett regional office  
Level 1, 7 Takaivan Street, Bundaberg  
PO Box 979, Bundaberg QLD 4670

1711-2817 SRA

Relevant material:

- *Planning Act 2016*
- *Planning Regulation 2017*
- DA Rules
- State Development Assessment Provisions, Version 2.1
- Common material (including amended correspondence received on 4 April 2018)

**Helen Aplitt**

**From:** Peter Mulcahy <Peter.Mulcahy@dsdmip.qld.gov.au>  
**Sent:** Tuesday, 10 April 2018 5:20 PM  
**To:** Sarah Wilson; Erin Clark  
**Cc:** WBSARA; Development  
**Subject:** Amended Change Application Response - 176 Tardas Road, Gregory River (BRC Reference: 526.2017.16.1)  
**Attachments:** GE78-N Statement of reasons 1711-2817 SRA.pdf; 1711-2817 SRA - RA6-N Amended response with conditions (amended as per applicant request received 4 April 2018).pdf  
**Categories:** Helen

Good Afternoon Sarah/Erin,

**Proposed Change Application (Other)**  
**19 Tardas Road & Tardas Road, GREGORY RIVER**  
**SARA Reference: 1711-2817 SRA**  
**Council Reference: 526.2017.16.1**

I refer to the amended Change application received by the State Assessment and Referral Agency (SARA) on 4 April 2018.

Please find attached a copy of the amended response approved today (this includes an update to Condition No. 1 and replaces the previous response dated 11 January 2018).

A copy of the attached documentation has been uploaded to MyDAS2.

If you have any queries please contact me on (07) 4331 5603.

Kind Regards,

Peter



Peter Mulcahy  
 Principal Planning Officer  
**Planning and Development Services**  
 Department of State Development,  
 Manufacturing, Infrastructure and Planning

---  
 P 07 4331 5603 E Peter.Mulcahy@dlip.qld.gov.au  
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**NuGrow**

Tardas Road Compost Facility, Gregory River  
Site Based Management Plan

January 2018



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- Appendix A – NuGrow Environmental Policy
- Appendix B – Spill management procedure
- Appendix C – Site Based Stormwater Management Plan

# 1. Introduction

## 1.1 Scope of the Site Based Management Plan

This Site Based Management Plan (SBMP) covers operations undertaken at the NuGrow Composting Facility ('the facility'), at the corner of the Isis Highway (Childers Road) and Tardas Road, Gregory River (refer Location Plan, Figure 1), incorporating Lot 3 on SP275605, Lot 4 on SP275605 and Lot 5 on SP275605. Operations at the facility must be undertaken in accordance with this SBMP.

## 1.2 Objectives

The objective of this SBMP is to provide clear guidance in order to avoid or minimise the risk to the environment associated with the operation of the facility, or, in the event of an incident, clear instructions as to the methods of control, reporting and follow up requirements. The SBMP has been developed to meet requirements in relation to Environmentally Relevant Activity 53 – Composting and soil conditioner manufacturing of the *Environmental Protection Act 1994* (EP Act) and other legislative obligations (refer Section 2.3).

## 1.3 Overview

### 1.3.1 Site overview

The facility layout is provided as Figure 2. Operations are predominantly conducted in the northern portion of Lot 3 on SP275605. The facility contains the following:

- A carpark, site office, amenities block, and machinery shed in the north east, with site access from Tardas Road which extends along the northern boundary of the facility
- Facilities for B-double heavy vehicles, including compacted gravel perimeter access road, truck turning and parking area and unloading bay
- Composting area comprised of composting windrows aligned in a north-south direction
- Stockpile area, to the west of the composting area
- A stockpile area for mill mud in the central north of the facility
- Water management infrastructure, comprising perimeter sediment drains that drain to a deep water holding dam and retention basin in the north west corner adjacent to Tardas Road
- A vegetated buffer along Tardas Road and Kingston Drive, as well as remnant vegetation in the south of the allotment, outside of the facility boundary

The facility caretaker will occupy the existing residence that is located within Lot 5 on SP275605.

### 1.3.2 Surrounding land use and sensitive receivers

Land surrounding the facility is mixed rural use. Remnant vegetation is located within the southern portion of the allotment, and within allotments in the surrounding area. The zoning of the facility and the surrounding area is for regional landscape and rural production. Land use mapping shows the predominant land uses are grazing, native vegetation and irrigated cropping (sugarcane). Rural residential allotments are located on the northern side of Onoprienkos Road approximately 1300 m to the north.

Potentially sensitive receivers are present in the region, in the form of rural dwellings, the nearest of these being approximately 750 m to the north east. Approximate distances to potential sensitive receivers from the closest composting or stockpile area in the facility are indicated in Table 1-1.

**Table 1-1 Distances to sensitive receivers**

Direction	Detail	Approximate distance
North	Onoprienkos Road – one dwelling on the southern side, and 10 rural on the northern side	>1300 m
North east	Isis Highway, one dwelling	750 m
South east	Isis Highway, one dwelling	850 m
South	Hendriksens Road, four dwellings	>1000 m
South	Kingston drive, three dwellings	>850 m
South west	Hendriksens Road, three dwellings	>1100 m
West	Tardas Road, four dwellings	>1100 m

### 1.3.1 Facility infrastructure and activities

#### Facility purpose

The purpose of the facility is to manufacture compost and soil conditioner products via biological composting of feedstocks to produce products that increase the soil fertility, enhance soil structural stability and nutrient and water retention.

#### Overview of process

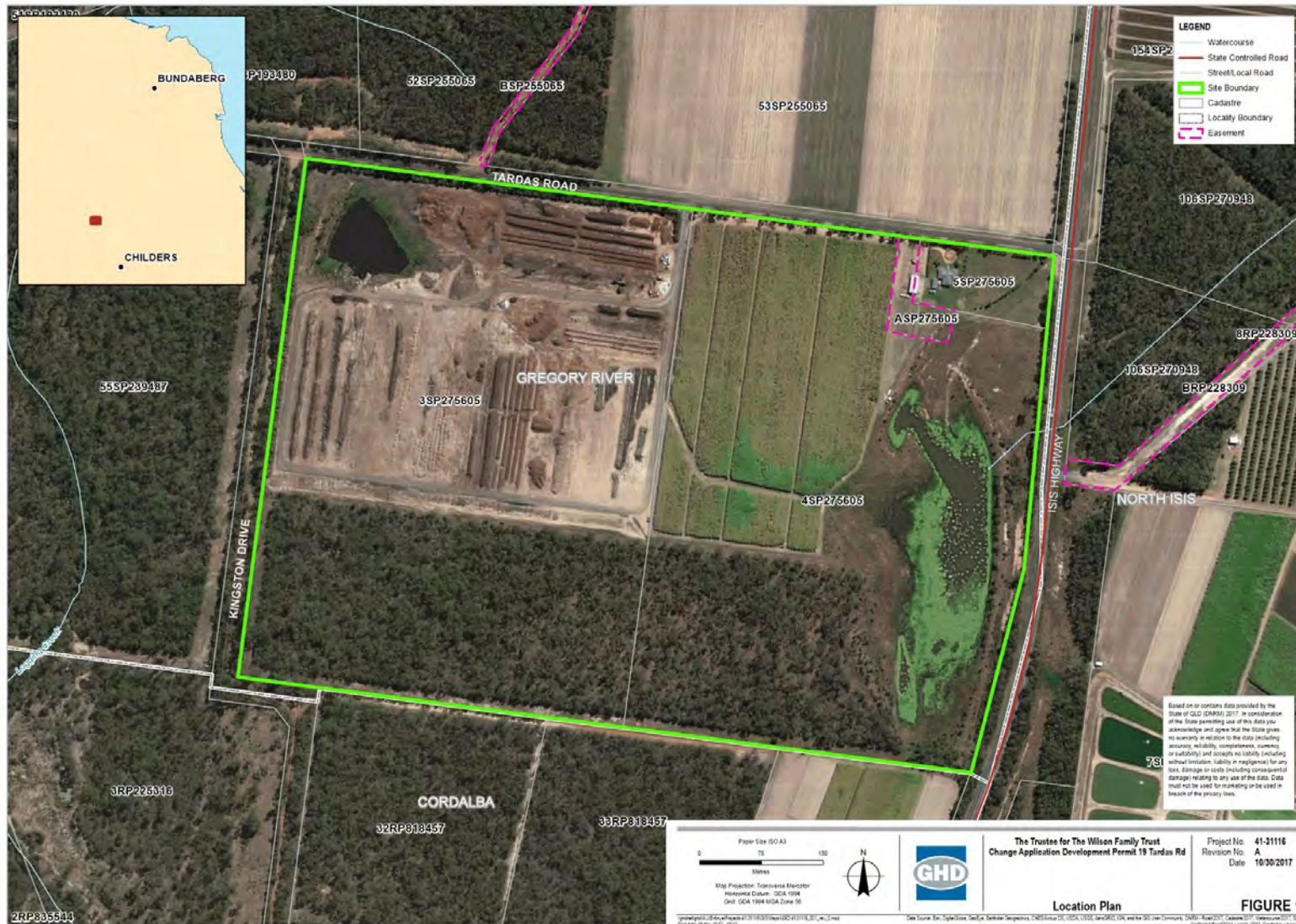
#### Materials

Composting the feedstock relies on biological processes, and requires the application of water, turning/aeration, and time. The process typically takes over 12 weeks to complete.

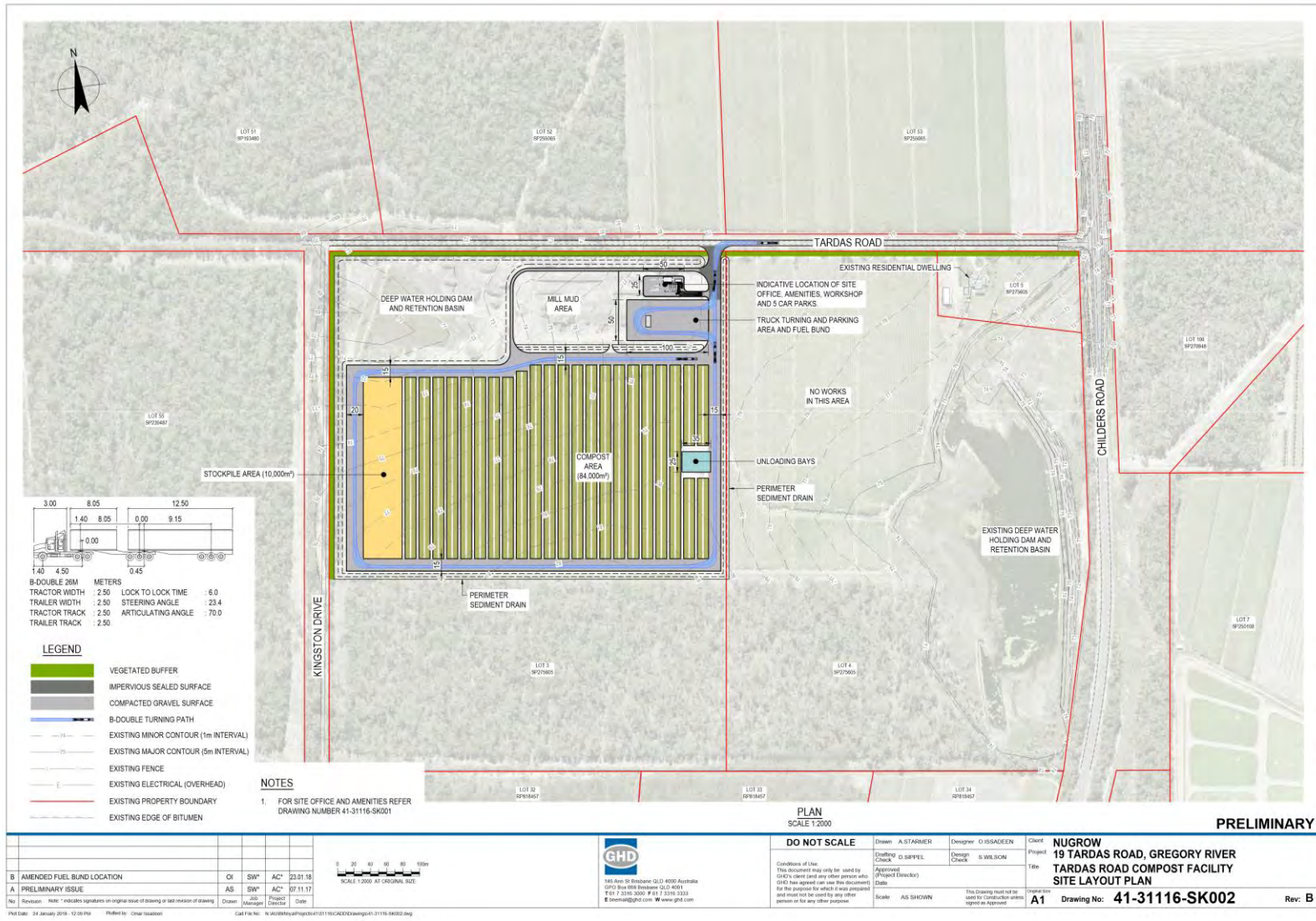
The feedstocks to be accepted at the facility would be in accordance with organic waste streams approved under ERA 53, as defined in the *Environmental Protection Regulation 2008*. These potentially include:

- (i) a substance used for manufacturing fertiliser for agricultural, horticultural or garden use
- (ii) animal manure
- (iii) biosolids
- (iv) cardboard and paper waste
- (v) fish processing waste
- (vi) food and food processing waste
- (vii) plant material
- (viii) poultry processing waste
- (ix) waste generated from an abattoir









### Composting process

An overview of the composting process is provided in Table 1-2.

**Table 1-2 Composting manufacturing process**

Summary	Description
Feedstock delivery	Feedstock are generally delivered from the source to the composting site by a licenced contractor.
Windrow formation	Feedstocks are placed into concrete mixing bays and mixed in batches prior to being laid out into a windrow formation onto the composting pad. Typically this will involve a 3 to 1 mix of solid green wastes to organic liquid wastes. Windrows are approximately 200 m long by 5 m wide, and 1.5 to 2 m high.  Excess green waste is stored adjacent to the concrete mixing bay.
Windrow turning and watering	Windrows are monitored for temperature and moisture content, and turned weekly to promote aeration. Water is added as required to maintain a moisture content range of 40-60%.
Compost Maturation	Once windrow temperature declines to below 45°C, compost has typically completed pasteurisation and is considered mature.
Stockpiling and packing	Mature compost is stored in larger piles on the compost pads for dispatch.
Dispatch and delivery	Compost is sold as a bulk product.

The following measures are implemented during the process in order to manage odour and maintain air quality.

- Putrescible feedstocks are mixed on arrival with a ground green waste with a high carbon content
- Composting materials are mixed with the aim of ensuring a Carbon: Nitrogen (C: N) ratio of less than 30-25:1
- Moisture of compost will be maintained to ensure a maximum moisture content of 50-60%.
- Leachate from composting is absorbed with additional green waste
- Windrows are monitored for moisture content and temperature, minimising the potential for anaerobic decomposition
- Windrows are turned weekly to promote aerobic decomposition
- Contamination of leachate dams will be minimised by managing leachate and by utilising a 'first flush' sedimentation dam
- Leachate dams will be continually maintained in an aerobic state
- Air quality monitoring will be undertaken daily to identify potential dust or odour sources

Should a complaint be received in relation to air quality, an investigation into the location and cause would be conducted, and additional monitoring may be undertaken as directed by the administering authority.



**Anticipated volumes**

Incoming feedstocks will total approximately 40,000 tonnes per annum, producing approximately 30,000 tonnes of final product.

**Hours of operation**

The facility operates Monday to Sunday 6 am – 6 pm.

**Facility infrastructure and machinery****Composting pad, mill mud area and stockpile areas**

The composting pad and stockpile hardstand areas are comprised of compacted earth.

**Access road and car park**

The access road from Tardas Road, and the carpark are an impervious sealed surface (concrete / bitumen), while the internal roads are a compacted gravel surface.

**Water management infrastructure**

Composting areas and hard surfaces drain to a perimeter sediment drains that direct runoff to a deep water holding dam and retention basin in the north western corner of the site.

**Machinery and machinery shed**

Machinery used onsite includes compost turners, a front end loader, excavator, dump truck, water truck and screening plant.

Diesel is stored in a 10,000 L double skinned vessel adjacent to the machinery shed. Machinery is refuelled over a hardstand area adjacent to the machinery shed. Minor maintenance and servicing of machinery is undertaken on site.

**Water supply**

Potable water is sourced from tank water collected from the office building.

Non-potable water is pumped from the stormwater retention basins for use in the composting process. Water will be distributed on site via an irrigation system and water truck.

**Ablutions**

The office and amenities are connected to a holding tank that is pumped out periodically for disposal by a licenced operator.

**General site maintenance**

Routine site maintenance undertaken at the facility includes:

- Road maintenance – repair of pot holing and dust suppression
- Composting pad – repair of surfaces to ensure no depressions forms and surface gradient is maintained
- Sedimentation dam – removal of sediment periodically from the sedimentation dam
- Vegetation – a tractor will be used to slash vegetation as required
- Minor maintenance of landscaping surrounding the office and workers facilities
- General waste management

#### **1.4 Key stakeholders**

Key stakeholders include the Department of Environment and Heritage Protection (EHP), the local community, including local canegrowers and suppliers of feedstock and Bundaberg Regional Council

## 2. Environmental management framework

### 2.1 Policy

NuGrow operates under a Health Safety and Environment System. The environmental policy is provided in Appendix A.

### 2.2 Environmental values and risks

The environmental values in Table 2-1 were considered in the risk identification process.

**Table 2-1 Environmental values and potential impacts**

Environmental value	Aspect	Potential impact
Water	<p><b>Stormwater / surface waters</b></p> <p>The site drains to the north west towards Logging Creek, which is 300 m to the north west of the site boundary. Logging Creek is a tributary of the Gregory River, which it meets some 7 km downstream of the facility to the north east.</p> <p>A site based stormwater management system is in place to capture runoff from the hardstand areas. This comprises perimeter sediment drains directed to the deep water holding dam and retention basin in the north west. The retention basin has been designed to capture a 24 hour storm event.</p> <p>The existing lawful point of discharge is the Kingston Drive road reserve.</p>	Impact to water quality resulting from chemical spills or release of waters with high nutrient loading from the site to the environment during heavy rainfall.
Air	<p><b>Dust and smoke</b></p> <p>Turning of the windrows has potential to cause plumes of dust.</p> <p>Exhaust smoke will be generated from operation of diesel machinery operated on site, as well as vehicles transporting material to and from the facility.</p> <p>The access and carpark are impervious. Dust may be generated from traffic using the compacted gravel surface.</p> <p>Smoke would be generated in the event of an incident of spontaneous combustion.</p>	Environmental nuisance to sensitive receivers.

Environmental value	Aspect	Potential impact
<i>Air continued</i>	<p><b>Odour</b></p> <p>The composting process releases odours, although a range of management measures are implemented during operations with the aim to reduce odour producing aspects of production.</p>	Environmental nuisance to sensitive receivers from odour generated from the composting process.
	<p><b>Noise and vibration</b></p> <p>Vibration is not anticipated during operations.</p> <p>Noise will be generated during the operation of machinery at the facility.</p> <p>Heavy vehicle access to and egress from the facility will produce noise.</p>	Environmental nuisance to sensitive receivers.
	<p><b>Light</b></p> <p>The facility will generally operate during daylight hours.</p>	No impact is anticipated.
Land	<p><b>Cultural heritage</b></p> <p>The area of land upon which the composting facility will operate has previously been utilised for agricultural purposes.</p>	No impact is anticipated.
Biodiversity	<p><b>Flora and Fauna</b></p> <p>The footprint of the facility has previously been cleared and does not contain remnant vegetation or fauna habitats.</p> <p>Remnant vegetation is located to the south, west, and north of the facility.</p> <p>Fauna may inhabit vegetation in the surrounding areas.</p>	<p>Remnant vegetation could be affected by water quality (contaminant release) and air quality (dust).</p> <p>Fauna could be affected by potential noise, air quality and water quality impacts.</p>
	<p><b>Weeds and pest animals</b></p> <p>Weeds and pest animals are likely to occur in the region.</p>	<p>Overspray from irrigation system could result in proliferation of weeds in the site and surrounding vegetation.</p> <p>Pest animals and vermin may be attracted to odour and/or composted material.</p>

Environmental value	Aspect	Potential impact
Resource use and waste management	<p><b>Water use</b></p> <p>Non-potable water captured from the onsite stormwater management system is beneficially utilised for compost production purposes.</p> <p>General water use is typically limited to workers, or general maintenance, and supplied from tanks.</p>	The facility does not affect water resources.
	<p><b>General waste</b></p> <p>General waste from the facility is collected in bins and removed via the municipal waste service.</p>	Potential for litter from uncontained waste.
	<p><b>Sewage effluent</b></p> <p>Wastewater is collected on site from the ablutions and office. The wastewater will be recycled on site as part of the composting manufacturing process.</p>	Potential for spills and subsequent release to the environment.
	<p><b>Hazardous substances handling and storage</b></p> <p>Diesel fuel is stored in a 10,000 L double skinned vessel. Refuelling is undertaken on a hardstand.</p> <p>Small volumes of chemicals and fuels will be stored on site in the machinery shed.</p>	Potential for spills and subsequent release to the environment.
Community	<p><b>Social amenity</b></p> <p>The facility is located within an agricultural area.</p>	<p>Aspects of the production process such as odour and dust could result in environmental nuisance to sensitive receivers.</p> <p>Formalised siting of facilities including car parking and a machinery shed has increased the amenity of the site.</p>
	<p><b>Public facilities</b></p>	No public facilities are included.
	<p><b>Public perception and acceptance</b></p> <p>Although an existing composting facility has been located at the site, local residents may have concerns in relation to the processes occurring at the site.</p>	Community concern, in particular in relation to odour, although the site is contributing the local economy, as well as utilising the surplus products of sugar cane, one of the primary agricultural land uses of the region.

## 2.3 Environmental obligations

### 2.3.1 Relevant legislation

This SBMP has been developed so that potential environmental impacts relating to the operation of the facility are, where foreseeable, avoided or minimised. The following provides an overview of legislation that has been considered in developing this SBMP:

- *Environment Protection and Biodiversity Conservation Act 1999* for potential interactions with matters of national environmental significance such as listed threatened species.
- *Environmental Protection Act 1994* (EP Act) for managing environmental impacts to land, water, air and noise, including EHP's model operating conditions for ERA 53.
- *Planning Act 2016* for managing the existing development approval.
- *Transport Infrastructure Act 1994* for managing the movement of vehicles.
- *Waste Reduction and Recycling Act 2011* for the management of waste generated on site.
- *Biosecurity Act 2014* in relation to restricted pest animals or weeds.

### 2.3.2 General environmental duty

Under Section 319 of the EP Act, a person must not carry out any activity that causes, or is likely to cause, environmental harm, unless they can show that they have taken all reasonable and practicable measures to prevent or minimise the harm.

### 2.3.3 Duty to notify of environmental harm

All NuGrow personnel and contractors onsite have obligations under the EP Act. Section 320 requires that a person must give notice where serious or material environmental harm is caused, or if there is a risk of such harm (that is not authorised by the administering authority).

Those with a *duty to notify* a pollution incident occurring in the course of an activity that causes or threatens material harm to the environment are:

- The person carrying out the activity
- An employee or agent carrying out the activity
- An employer carrying out the activity
- The occupier of the premises where the incident occurs

Notification must be given as soon practicable after the person becomes aware of the incident. Notification procedure is identified in Section 2.10.

### 2.3.4 Environmental offences

#### *Material environmental harm*

Material environmental harm is defined in section 16 of the EP Act. It is environmental harm that would cost more than \$5,000 to remediate, or would cause more than \$5,000 worth of damage to property.

#### *Environmental nuisance*

Environmental nuisance results from unreasonable interference with an environmental value caused by releases to the environment. Environmental harm includes environmental nuisance.

## 2.4 Environmental roles and responsibilities

Roles and responsibilities and contact details of facility personnel are detailed in Table 2-2. The titles have been abbreviated in the management tables in subsequent sections as per below:

- NuGrow Health, Safety, Environment and Quality Advisor – HSEQ Advisor
- NuGrow Site Manager – Site Manager
- NuGrow Plant Operators – Plant Operators

**Table 2-2 Roles and responsibilities**

Title and Contact details	Responsible for
NuGrow HSEQ Advisor Office: Building 5, 22 Magnolia Drive, Brookwater 4300 Mobile: 0478 301 823	Implementing the NuGrow Health Safety and Environmental Management System (refer Appendix A). Ensuring compliance with the SBMP. Ensuring site personnel and contractors visiting the site are aware of and operate in accordance with their General Environmental Duty and Duty to Notify in accordance with the EP Act. Oversee the evaluation of compliance with environmental legislation and regulations, permits, licences and approvals and the Environmental Policy. Ensuring environmental incidents and complaints are appropriately investigated, corrective actions implemented and notifying relevant authorities in the event of an incident. Ensuring training and induction of personnel is conducted at the site by the Site Manager for new starters. Coordinating preparation and submission of statutory reporting to the regulatory authority. Assisting the general manager with overseeing the evaluation of compliance with environmental legislation and regulations, permits, licences and approvals and the Environmental Policy. Providing relevant documented information and reports to assist the NuGrow General Manage HSE in the coordination and preparation of statutory reporting requirements. Managing monitoring and sampling.



Title and Contact details	Responsible for
NuGrow Site Manager Office: 19 Tardas Rd, Cordalba Mobile: 0475 575 005	Implementing the SBMP, including making sure that reporting and auditing responsibilities are undertaken.  Investigating environmental incidents and complaints and notifying the NuGrow HSEQ Advisor in the event of an incident.  Updating or coordinating the update of the SBMP.  Making site personnel and contractors aware of their General Environmental Duty and Duty to Notify under the EP Act.  Undertake or delegate to a suitably qualified person, the training and induction of site-based personnel in accordance with the NuGrow policies and procedures.
NuGrow Plant Operators Office: 19 Tardas Rd, Cordalba Mobile: 0475 575 005	Making sure that maintenance works are undertaken in accordance with the SBMP.  Compliance with the SBMP  Operating in accordance with their General Environmental Duty and Duty to Notify under the EP Act.  Undertaking sampling and monitoring as directed by the NuGrow Site Manager.  Communicate incidents and complaints to the NuGrow Site Manager. Assist in investigations and implementing corrective actions as directed.  Have the appropriate licenses/competencies to perform the task that they have been employed for.

## 2.5 Inductions and training

All NuGrow personnel and contractors onsite must undertake an induction. This includes notification of the following:

- All workers and visitors to the site shall be made aware of their General Environmental Duty and Duty to Notify responsibilities as per the EP Act (refer Section 2.3) and the implications of failing to fulfil these duties
- All workers and visitors to the site shall be made aware of their environmental responsibilities under the SBMP in relation to implementing mitigation measures, reporting environmental incidents and complaints and implementing corrective actions
- Instructions on environmental emergency response procedures
- Spill management procedures and use of spill kits (refer Appendix B)

## **2.6 Document management and record keeping**

All records shall be retained by NuGrow in hard copy or electronic form. Records shall include:

- Induction and any specific environmental training records
- Records pertaining to any approval, permit or licence
- Monitoring records and external environmental reports
- Documented environmental incidents, complaints and non-conformances, and corrective action reports

Records shall be made available to EHP and/or other regulatory authority as requested. All records shall be kept for a minimum of five years. Results of any environmental monitoring should be retained for the duration of the operations.

## **2.7 Environmental audits and inspections**

Environmental audits against the requirements of this SBMP shall be conducted at least on an annual basis by an appropriately qualified person within NuGrow or an external party.

## **2.8 SBMP reviews and updates**

### **2.8.1 Routine reviews**

The SBMP will be incorporated into NuGrow's HSEQ system and the HSEQ system shall be reviewed on an annual basis. The NuGrow Site Manager has responsibility for undertaking the review of the HSEQ system that includes:

- A summary of complaints/incidents received and response actions undertaken
- A summary of results of monitoring and auditing conducted
- An assessment against the performance criteria
- An assessment of opportunities for improvement of environmental performance
- Suggested amendments by regulatory authorities

Revisions shall be undertaken to the SBMP if identified as necessary as a result of the review. Amendments to the SBMP must not contravene conditions of approval.

### **2.8.2 New or altered operational activities**

The SBMP shall be reviewed and revised to reflect operational changes, new activities or new developments. As above, amendments must be in accordance with the conditions of approval.

## 2.9 Environmental monitoring

A summary of monitoring requirements is provided in Table 2-3.

**Table 2-3 Monitoring summary**

Management plan	Monitoring type	Frequency
Air quality	Inspections / observations	Daily observation
	Air quality (dust or odour) monitoring as directed by the administering authority	Complaint based
Soils management	Check hardstands, base and walls are free from gaps, holes and cracks and that ponding of water is not occurring	Monthly
Noise management	Noise monitoring as directed by the administering authority	Complaint based
Stormwater management	Inspect water quality control structures after a storm event	After rainfall
	Conduct water quality monitoring of sediment ponds as required.	As required.
	Water quality monitoring in response to complaints as directed by the administering authority	Complaint based.
	Water quality monitoring if release if required.	As required.
Fuel and chemical management	Inspection of spill kit	Monthly
	Check of containment vessels and chemical storage	Monthly
Waste management	Site inspection	Weekly
Pest and weed management	Site inspection for weeds and pest animals	Weekly
Fauna management plan	Site inspection	As required

## 2.10 Incident reporting and emergency notifications

### 2.10.1 Environmental incidents

Environmental incidents include (but are not limited to):

- Fuel, oil and/or chemical spills equal to or greater than 20 litres
- Environmental harm to air, land, water, flora or fauna
- Near-misses with potential to cause harm or loss
- Fire and/or explosions
- Non-compliance with permit conditions

Workers that observe, or become aware of an environmental incident shall report it to the NuGrow Site Manager and complete an environmental incident report form.

The NuGrow Site Manager will arrange follow up for environmental incidents and document corrective actions taken. Environmental incidents shall be reported as appropriate. Incidents that cause, or are likely to cause environmental harm must be reported to EHP.

Key emergency contacts are provided in Table 2-4.

**Table 2-4 Emergency contact details**

Contact	Phone number
Accident and emergency	000
EHP Pollution Hotline	1300 130 372 (option 2)

**2.10.2 Reporting to EHP**

The NuGrow Site Manager shall contact the EHP pollution hotline or local office as soon as practicable after becoming aware of any release of contaminants that is not in accordance with the conditions of approval for the facility.

Following on from a verbal reporting to EHP, the following information must be recorded and provided to EHP within 14 days:

- a. Name of the operator, including approval / registration number
- b. Name and telephone number of a designated contact person
- c. Quantity and substance released
- d. Vehicle and registration details
- e. Persons involved (driver and others)
- f. Location and time of release
- g. Suspected cause of the release
- h. Description of the effects of the release
- i. Results of sampling performed in relation to the release
- j. Actions taken to mitigate any environmental harm caused by the release
- k. Proposed actions to prevent a recurrence of the release

**2.11 Complaint management**

All complaints received by the facility shall be investigated and details recorded. The NuGrow Site Manager shall be responsible for investigating and coordinating responses to complaints in a timely manner.

The following shall be recorded:

1. Date and time of the complaint
2. Name and contact details of the complainant
3. Nature of the complaint
4. Investigation undertaken
5. Conclusions formed
6. Actions taken

**2.12 Preventative / corrective actions**

The NuGrow Site Manager is responsible for identifying and implementing any preventative and / or corrective actions in response to any incident or complaint. Preventative and corrective actions shall be incorporated into the SBMP as required.

### 3. Environmental management plans

#### 3.1 Activities, potential impacts and management

Key activities and their associated risks, management procedures and the relevant management plans are summarised in Table 3-1.


**Table 3-1 Key activities, risks and management procedure summary**

Activity	Sub-activity	Potential risk	Management procedure	Reference
Feedstock transport to and from the facility		Air pollution (dust, odour)	Air quality management	Section 3.3
		Noise	Noise management	Section 3.5
		Fauna strike	Fauna management	Section 3.10
Composting		Noise	Noise management	Section 3.5
		Biosecurity	Pest and weed management	Section 3.9
		Water quality	Stormwater management	Section 3.6
		Odour	Air quality management	Section 3.3
		Dust	Air quality management	Section 3.3
		Combustion	Air quality management Emergency management	Section 3.3
		Machinery use	Noise management	Section 3.5
		Refuelling	Fuel and chemical management	Section 3.7
Day to day site maintenance	Ablutions management	Spills	Waste management	Section 3.8
	Waste generation and management	Waste	Waste management	Section 3.8
		Noise	Noise management	Section 3.5
	Landscape maintenance	Spills	Fuel and chemical management	Section 3.7
	Stormwater maintenance	Water quality	Stormwater management	Section 3.6
	Use of fuels and chemicals	Fuels and chemical spill	Fuel and chemical management	Section 3.7

### 3.2 Approach and structure

The objective of the management plans is to provide sound environmental measures and practices that aim to minimise environmental impacts potentially occurring as a result of operations at the facility. The approach to reducing potential impacts is shown in Table 3-2. All work on site should use this approach where possible to avoid, prevent or minimise environmental impacts.

**Table 3-2 Approach to reducing impacts of activities**

 <p>Preferred</p> <p>Less preferred</p>	Avoid	Activities that could cause adverse impacts
	Prevent	Measures that impede the occurrence of negative impacts
	Preserve	Preventing future actions that may negatively impact a resource or attribute
	Minimise	Limiting or reducing the degree of an impact
	Rehabilitate	Repair or enhance affected areas
	Restore	Restoring an affected resource to its state prior to impact
	Compensate	Create or enhance resource to compensate for what is lost

An outline structure for the management plans is described in Table 3-3.

**Table 3-3 Structure of the management plan**

Structure	Description
Issues and Impacts	The issue and impact requiring management consideration.
Environmental Objective	The guiding objective that applies to the element (what we hope to achieve through effective management of this element/aspect).
Performance Criteria	The criteria by which the success of the implementation of the objective/policy will be determined.
Control Measures	The guiding principles of how the objective/policy will be implemented to minimise environmental impact (the mechanisms and actions through which the objective/policy will be achieved).
Monitoring	The process of measuring actual performance or how well the objective/policy has been achieved.
Reporting	Report any findings of controlled substances, incidents of spills and impacts for example and the corrective actions that were taken to mitigate any potential impact to the relevant authority or manager (where applicable).
Corrective Action	The action to be implemented and responsibility.

### 3.3 Air quality management plan

Issues and impacts	
Contaminants released to air, including odours, exhaust from vehicles and dust may result in environmental nuisance.	
Environmental objective	
Compliance with the <i>Environmental Protection (Air) Policy 2008</i> (EPP Air).	
Performance criteria	
<ul style="list-style-type: none"> <li>All activities to be managed in accordance with the <i>Environmental Protection Act 1994</i> and the EPP Air.</li> <li>No complaints are received from regulatory authorities or the community in relation to air quality issues.</li> </ul>	
Control measures	Responsibility
Maintain composting windrows and raw material stockpiles in moist conditions.	Site Manager Plant Operators
Minimise storage time of odorous or potentially odorous materials.	Site Manager Plant Operators
Prevent anaerobic conditions by regular turning of windrows.	Site Manager Plant Operators
Consider weather conditions and prevailing winds and wind speed when conducting operations such as the moving of raw materials, windrow forming and turning, to avoid or reduce potential odours and dust carrying to sensitive receivers.	Site Manager Plant Operators
Promptly clean up spilled odorous materials.	Plant Operators
All machinery used during operations is to have proprietary emission control equipment fitted and in working order.	Site Manager Plant Operators
When not in use, vehicles, and other onsite equipment shall be turned off, when practical and safe.	Plant Operators
Burning of waste is not permitted.	Plant Operators
Vehicles transporting materials to and from site must have covered loads.	Site Manager
Maintain / spray internal roads so that potential for dust production is reduced.	Plant Operators
Maintain low speed limits on internal roads to reduce potential for dust production.	Site Manager
Monitoring	Responsibility
Undertake inspections / observations of air quality conditions (dust, odour) at the facility on a daily basis and areas where corrective action is needed.	Site Manager
Undertake dust and particulate monitoring as directed by the administering authority on receipt of any complaint of environmental nuisance at places relevant to the potentially affected dust sensitive place and upwind control sites.	Site Manager



Reporting	Responsibility
Any observations or evidence of air pollution in excess of normal operations to be reported to the Site Manager.	Plant Operator
Maintain an incident and complaints register.	Site Manager
Corrective action	Responsibility
Review the operational activity that was being undertaken at the time and identify whether additional controls are required, such as the installation of an exhaust filter or servicing or replacement of machinery or vehicle, or installation of misting.	Site Manager
Appropriate control measures shall be implemented in a timely manner where excessive emissions or nuisance dust and other air quality issues are identified or possess the potential to occur in the future.	Site Manager
All complaints in relation to air quality shall be investigated. Monitoring will be undertaken and the complaint will be addressed using appropriate dispute resolution methods and abatement or attenuation measures. Authorised activities will not result in further environmental nuisance.	Site Manager

### 3.4 Soils management plan

Issues and impacts	
Potential for release of contaminants to land.	
Environmental objective	
Compliance with the EP Act.	
Performance criteria	
<ul style="list-style-type: none"> <li>All activities to be managed in accordance with the EP Act</li> <li>No incidents of spills</li> </ul>	
Control measures	Responsibility
All blending and composting operations to be limited to hardstand pads.	Plant Operators
Ensure water is not ponding on hardstand pads.	Plant Operators
Spills must be cleaned up immediately using appropriate spill kit and following the spill procedure: <ol style="list-style-type: none"> <li>identify the source of the spill, and contain where possible</li> <li>identify the spill material, and review risk controls if safety data sheets are available</li> <li>clean up spill using spill kit or appropriate absorbent material, and employing appropriate PPE. Dispose of waste appropriately</li> <li>notify the Site Manager. If the spill is greater than 20 litres, the Site Manager shall report the spill to EHP (refer Section 2.10.2)</li> <li>restock or replace the spill kit</li> </ol>	Plant Operators
Refuelling of vehicles is undertaken on the fuel bund only.	Site Manager Plant Operators
Monitoring	Responsibility
On a monthly basis check the base and walls of all areas are kept free from gaps, holes and cracks, and that ponding is not occurring.	Site Manager
Reporting	Responsibility
Maintain incident register.	Site Manager
Maintain record of monthly checks.	Site Manager
Corrective action	Responsibility
Review spill kit locations are appropriate to materials and risks.	Site Manager
Review the operational activity that was being undertaken at the time of the spill and identify whether additional controls are required, such as temporary or permanent bunding controls, or relocating operational activity within the site.	Site Manager
Perform maintenance on hardstand areas if deficiency is identified.	Site Manager

### 3.5 Noise management plan

Issues and impacts	
Noise generation from vehicle movements and facility operations that may affect sensitive receivers.	
Environmental objective	
Compliance with the <i>Environmental Protection (Noise) Policy 2008</i> (EPP Noise).	
Performance criteria	
<ul style="list-style-type: none"> <li>No complaints are received in relation to noise emanating from the facility.</li> <li>All activities to be managed in accordance with the EP Act and the EPP Noise.</li> </ul>	
Control measures	Responsibility
Equipment and vessels to be turned off when not in use.	Plant Operators
Maintain operational equipment in good working order.	Plant Operators
Where practicable for operations, schedule noise generating maintenance activities during daylight hours. Avoid night time, Sundays or public holidays.	Plant Operators
Monitoring	Responsibility
If directed by the administering authority, NuGrow shall undertake noise monitoring in response to any complaint of noise nuisance. Monitoring must be undertaken by a suitably qualified person and be in accordance with current Noise Measurement Manual.	Site Manager
Reporting	Responsibility
Maintain an incident and complaints register.	Site Manager
In response to a noise complaint, as directed by the administering authority, a specific detailed noise management plan must be developed and implemented in accordance with EHP requirements.	Site Manager
Results of noise monitoring must be notified within 14 days to EHP.	Site Manager
Corrective action	Responsibility
Complaints relating to noise shall be investigated promptly and appropriate actions identified and executed.	Site Manager

### 3.6 Stormwater management plan

Issues and impacts	
Stormwater runoff from the facility may contain contaminants, and could affect water quality downstream and cause environmental harm if not contained on the site.	
Environmental objective	
Stormwater management system is maintained to capture runoff generated by a 24 hour storm event with an ARI of one in ten years.	
All stormwater from disturbed areas is retained for beneficial use on site.	
External stormwater is diverted around site.	
Water quality of site stormwater meets Department of Environment and Resource Management <i>Urban Stormwater Quality Planning Guidelines December 2010</i> and Queensland State Planning Policy (2014).	
Performance criteria	
<ul style="list-style-type: none"> <li>No complaints are received from regulatory authorities or the community in relation to erosion and sediment control and water quality issues.</li> <li>No uncontrolled releases from the facility.</li> </ul>	
Control measures	Responsibility
Manage stormwater in accordance with the <i>Site Based Stormwater Management Plan</i> , GHD Pty Ltd, November 2017 (refer Appendix C).	Site Manager
All stormwater from disturbed areas must be retained and beneficially utilised on site.	Site Manager
Sediment captured in the sedimentation basin to be removed when the capacity of the sedimentation basin is compromised, and transported for offsite disposal to an appropriate licenced facility so that the sediment does not have potential to enter the waterways external to the site.	Site Manager Plant Operators
No release of stormwater to the environment shall occur, except with permission from EHP, after appropriate sampling and analysis has occurred. The relevant water quality objectives for release are the Gregory River slightly to moderately disturbed values of the <i>Queensland Water Quality Guidelines 2009</i> .	Site Manager
For events larger than a 24 hour storm event with an ARI of one-in-ten years, stormwater runoff is not all required to be contained on site, however reasonable and practicable measures shall be taken to minimise the release of prescribed contaminants.	Site Manager
Manage water use such that generation and release of leachate from windrows and stockpiles is minimised.	Site Manager

Control measures <i>continued</i>	Responsibility
Spills must be cleaned up immediately using appropriate spill kit and following the spill procedure: 1. identify the source of the spill, and contain where possible 2. identify the spill material, and review risk controls if safety data sheets are available 3. clean up spill using spill kit or appropriate absorbent material, and employing appropriate PPE. Dispose of waste appropriately 4. notify the Site Manager. If the spill is greater than 20 litres, the Site Manager shall report the spill to EHP (refer Section 2.10.2) 5. restock or replace the spill kit	Plant Operators
Spills shall not be managed by hosing, sweeping or other methods that would have potential to release contaminants to the environment.	Site Manager
Contaminants must not be released from the site other than in accordance with the conditions of the Environmental Authority.	Site Manager
Monitoring	Responsibility
All water quality control structures (perimeter drains, sediment ponds) to be inspected after each storm event.	Plant Operators
Monitoring of water quality characteristics of the sediment ponds must be conducted as per the Environmental Authority.	Site Manager
Monitoring will be undertaken if complaints are received or visual observations indicate that the stormwater quality may not be meeting the Department of Environment and Resource Management <i>Urban Stormwater Quality Planning Guidelines December 2010</i> and Queensland State Planning Policy (2014).	Site Manager Plant Operator
In the event that release of stormwater runoff is required and approved by EHP, sampling and analysis by an appropriately qualified person shall be carried out to confirm that contaminants are absent, or present at concentrations that would be unlikely to cause environmental harm, as compared with <i>Queensland Water Quality Guidelines</i> default objectives or specific receiving environment data.	Site Manager
Reporting	Responsibility
Any malfunctions of any component of the stormwater treatment train to be recorded and corrected as soon as practically possible.	Site Manager Plant Operators
Maintain an incident and complaints register.	Site Manager
Corrective action	Responsibility
All complaints relating to water quality will be investigated promptly and appropriate actions taken.	Site Manager
Where investigations show unacceptable stormwater pollutant concentrations, revision of treatment train and management plan will be undertaken and further controls implemented as necessary.	Site Manager

### 3.7 Fuel and chemical management plan

Issues and impacts	
Contamination of land or water in the event of a spill or leak during refuelling or maintenance of machinery. Soil or surface water contamination from failure of chemical or fuel storage.	
Environmental objective	
No contaminants released from the site to any land or waters. No uncontained spills of chemicals or fuels.	
Performance criteria	
<ul style="list-style-type: none"> <li>Flammable and combustible liquids storage and use on site is undertaken in accordance with AS1940:2017 The storage and handling of flammable and combustible liquids, at all times</li> <li>No spills are observed</li> <li>No complaints are received in relation to the storage and utilisation of fuel and hazardous materials</li> </ul>	
Control measures	Responsibility
Store minimum quantities of fuels and chemicals required for operations. Maintain a register of fuels and chemicals stored on site and safety data sheets.	Site Manager
Fuel and chemicals shall be stored with appropriate secondary containment.	Site Manager
Locate and maintain materials-appropriate spill kits proximal to the storage area.	Site Manager Plant Operators
All workers shall be made aware of the location of spill kits and be trained in their use.	Site Manager
Spills must be cleaned up immediately using appropriate spill kit and following the spill procedure: <ol style="list-style-type: none"> <li>Identify the source of the spill, and contain where possible</li> <li>Identify the spill material, and review risk controls if safety data sheets are available</li> <li>Clean up spill using spill kit or appropriate absorbent material, and employing appropriate PPE. Dispose of waste appropriately.</li> <li>Notify the Site Manager. If the spill is uncontained, the Site Manager will notify EHP</li> <li>Restock or replace the spill kit</li> </ol>	Plant Operators
Spills must not be hosed, swept or treated in a manner such that hazardous materials become mobile and may enter the stormwater drainage system.	Plant Operators
Waste generated as a result of a spill clean-up (including soils contaminated by the spill) shall be disposed of appropriately.	Plant Operators
If required, minor servicing of vehicles, plant or other equipment must have measures in place to control spills. Servicing of any vehicles must be undertaken within the machinery shed or on the refuelling hardstand. Alternately a spill bund containment mat or equivalent should be utilised so that potential spills can be contained.	Plant Operators

Monitoring	Responsibility
Periodic inspections of spill kits shall be undertaken on a monthly basis.	Plant Operators
Check spill containment vessels are in working order and that chemicals have been stored appropriately on a monthly basis.	Site Manager
Reporting	Responsibility
EHP shall be notified via the Pollution Hotline (1300 130 372) within 24 hours of an uncontained spill of greater than 20 litres occurring, and written notification will be provided within 10 business days to pollutionhotline@ehp.gov.au.	Site Manager HSEQ Advisor
If the incident is considered to constitute an emergency pollution incident, the request should be escalated by requiring the attendance of EHP to the site.	Site Manager
A register of spills must be maintained. Details for each spill must include: <ul style="list-style-type: none"> <li>• Date</li> <li>• Location</li> <li>• Volume (approximate)</li> <li>• Substance spilt</li> <li>• Clean up response implemented</li> </ul>	Site Manager
Monitoring results must be provided within 10 business days to EHP on request.	Site Manager
Corrective action	Responsibility
Review spill kit locations are appropriate to materials and risks. If deficiency is identified, additional shall be provided.	Site Manager
Review the operational activity that was being undertaken at the time of the spill and identify whether additional controls are required, such as temporary or permanent bunding controls, or relocating operational activity within the site.	HSEQ Advisor



### 3.8 Waste management plan

Issues and impacts	
Inappropriate storage of waste can result in litter and potentially attract pest animals, affect water quality and reduce amenity of the site.	
Environmental objective	
To prevent or minimise the generation of wastes and to appropriately contain, control and dispose of all waste generated.	
Performance criteria	
No complaints are received in relation to waste or litter generated from facility Litter is contained in receptacles on the site.	
Control measures	Responsibility
Lidded bins are provided to minimise mobilisation of wastes in high winds.	Site Manager
All users of the facility will be required to utilise the bins on site, and advised of their environmental obligations in relation to littering.	Site Manager
Waste will be removed by an appropriately licenced waste contractor.	Site Manager
If industrial or regulated waste is generated at the facility, this must be clearly labelled and stored prior to collection by an appropriately licenced waste contractor.	Site Manager Plant Operators
Waste is not permitted to be burned or buried on site.	Site Manager
Sewage tanks will be maintained to prevent overflow by pumping on a regular basis by a licenced contractor with appropriate spill procedures and on-board spill clean up facilities.	Site Manager Plant Operators
Complaints procedure (refer Section 2.1) to be followed in the event of a complaint.	Site Manager
Monitoring	Responsibility
Inspection of the facility on a weekly basis shall be undertaken to ensure waste is stored, handled, disposed of and transported in accordance with regulations.	Site Manager
Reporting	Responsibility
A register of waste management shall be maintained.	Site Manager
If generated, a record of all regulated waste must be kept. This includes: a) Date of pickup of waste b) Description of waste c) Quantity of waste d) Origin of waste e) Destination of waste	
Complaints shall be recorded and reported to EHP.	Site Manager
Corrective action	Responsibility
If loss of waste containment is a recurring issue, review bin locations and types. Consider shelters and prevailing winds.	Site Manager

### 3.9 Pest and weed management plan

Issues and impacts	
Pest animals could be attracted to the site and processes, and could cause environmental nuisance. Weeds could proliferate and spread.	
Environmental objective	
Restrict the spread of weeds and pests and control any existing weeds and pests.	
Performance criteria	
No introduction of or spread of weeds and pests. Management of pest species is undertaken in accordance with the <i>Biosecurity Act 2014</i>	
Control measures	Responsibility
Compost process shall be undertaken such that weed seeds in product are rendered unviable.	Site Manager Plant Operators
Prevent leachate pooling in the work areas.	Plant Operators
Landscaping shall be maintained for weed species on a regular basis, through manual means or use of herbicides, such that infestations can be managed should they occur.	Plant Operators
Herbicides shall be stored within the dangerous good container, and managed as per the <i>Fuel and chemical management plan</i> .	Plant Operators
Herbicides are to be utilised in accordance with the manufacturer's instructions and be effective to the species to be treated.	Plant Operators
Waste is to be managed as per the <i>Waste management plan</i> .	Site Manager
Monitoring	Responsibility
Weekly inspection of site to identify incursion of weed species and areas for management.	Plant Operators
Weekly inspection of the site for areas that are attracting pest animal species.	Plant Operators
Reporting	Responsibility
A register shall be maintained of herbicide stored on the site.	Plant Operators
Maintain an incident and complaints register.	Site Manager
Corrective action	Responsibility
Complaints relating to weed or animal species shall be investigated promptly and appropriate actions identified and executed.	Site Manager
If weed species are proliferating, treat on a more frequent basis.	Plant Operators
If pest animal species are proliferating, identify and manage the source of the attraction, identify additional controls and update SBMP if necessary.	Site Manager Plant Operators

### 3.10 Fauna management plan

Issues and impacts	
Degradation of fauna habitat.	
Environmental objective	
No death or injury to fauna.	
Performance criteria	
No complaints are received from regulatory authorities or the community in relation to fauna management	
No incidents to fauna	
Control measures	Responsibility
Feeding of animals or interfering with animals shall not be permitted.	Site Manager
Domestic pets shall not be brought to the facility.	Site Manager
Should injury to native fauna occur, where practicable, it shall be transported to a local veterinary clinic, wildlife carer or reported to EHP or RSPCA for advice/action.	Site Manager
Only trained personnel shall handle or relocate snakes or any other native fauna.	Plant Operators
Monitoring	Responsibility
Undertake visual inspections / observations of site during day to day operations to identify problem areas and where corrective action is needed.	Plant Operators
Reporting	Responsibility
Fauna incidents shall be reported to the Site Manager, who will maintain a record of the incident.	Site Manager
Corrective action	Responsibility
Should an issue be identified, investigate the source of the problem, identify mitigation measures and implement.	Site Manager



## Appendices

GHD | Report for NuGrow - Tardas Road Compost Facility, Gregory River, 4131116

## **Appendix A** – NuGrow Environmental Policy



## Environmental Policy

At NuGrow, we are dedicated to providing environmentally beneficial and sustainable services, products and solutions to customers and the community along with the efficient use of our own resources. Our service offering results in various waste streams being recycled and reused for a variety of purposes including land rehabilitation, soil improvement, growing mediums or as a replacement for synthetic fertiliser. We are committed to reducing our impact on the environment, and to continually improving our environmental standards for the benefit of the environment, our employees, stakeholders and the community.

We believe that the highest standards in environmental performance are integral to the success and sustainability of our business.

To achieve our objective we:

- Enhance business performance by integrating economic, environmental and social considerations.
- Position Nugrow for a sustainable future by protecting and promoting the environment through enhancing waste management and soil improvement opportunities.
- Ensure all staff exercise their responsibilities and accountabilities for environmental performance.
- Be recognised as a responsible environmental achiever by our employees, the community and other stakeholders.
- Minimise any potential adverse environmental impact from operations through the maintenance of an environmental management system in accordance with ISO14001.
- Continually improve environmental performance through innovative resource recovery approaches and use of new technologies.
- Set and achieve goals which as a minimum comply with legal, government policy and other adopted requirements and regularly audit and report performance.
- Maintain open consultation on environmental issues with our employees, the community, government and other stakeholders.
- Promote individual ownership and commitment to environmental stewardship among employees and contractors by assigning roles, responsibilities and accountabilities clearly and by providing environmental awareness training.
- Ensure that our business partners and contractors operate in conformance with the principles of this Policy.
- Explore opportunities for joint research and innovative technology development which support sustainable waste management services.



.....  
**Roy Wilson**  
 Director

Reviewed July 2016



REDIRECT → RECYCLE → REUSE

## **Appendix B** – Spill management procedure



## Appendix B - Spill management procedure

### B1.1 Overview

Spill kits contain absorbent materials appropriate to the potential type and size of spill that they may be required to address. Spill kit contents are appropriate for the type and volume of fuels and chemicals stored on site.

### B1.2 Spill kit locations

A spill kits, personal protective equipment (PPE), operator instructions and emergency procedure guides for the management of wastes and chemicals associated with the activities conducted at facility is located within the machinery shed. Workers should be aware of the location of this spill kit in the event of a spill.

### B1.3 Spill procedure

#### **B1.3.1 General**

Spills of wastes, contaminants or other materials must be cleaned up as quickly as practicable, taking into account appropriate health and safety precautions in relation to the material spill.

All spills of fuel or other hazardous materials to land must be cleaned up using the spill equipment available onsite, using dry methods.

Spills must not be cleaned up by hosing, sweeping or otherwise releasing such wastes, contaminants or materials to any stormwater drainage system, roadside gutter or waters.

#### **B1.3.2 Spill response**

1. Identify the source of the spill, and contain where possible
2. Identify the spill material, and review risk controls if material safety data sheets are available
3. Clean up spill using spill kit or appropriate absorbent material, and employing appropriate PPE. Dispose of waste appropriately
4. Notify the Site Manager. If the spill is greater than 20 litres, the Site Manager will report the spill to EHP.
5. Restock or replace the spill kit

## **Appendix C** – Site Based Stormwater Management Plan



**NuGrow**

Tardas Road Compost Facility, Gregory River  
Site Based Stormwater Management Plan

November 2017



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Appendix B – Sediment storage calculations  
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# 1. Introduction

## 1.1 Purpose of this report

NuGrow seek to purchase a property located at 19 Tardas Road in Gregory River, where they plan to develop and operate a composting facility. An existing material change of use development permit exists over the property and NuGrow are required to amend a number of conditions associated with the existing development approval, in order to operate the proposed facility.

The purpose of this report is to provide supporting documentation to demonstrate how stormwater runoff and leachate from the proposed facility should be managed at the site to achieve compliance with relevant legislative requirements and best practice engineering guidelines.

NuGrow have advised of the area proposed for use for their composting operations. This is essentially the same footprint as the current footprint used for similar purposes within the site (refer to site layout plan in Appendix A).

## 1.2 Scope and limitations

This report has been prepared by GHD for NuGrow and may only be used and relied on by NuGrow for the purpose agreed between GHD and the NuGrow as set out in section 1.1 of this report.

GHD otherwise disclaims responsibility to any person other than NuGrow arising in connection with this report. GHD also excludes implied warranties and conditions, to the extent legally permissible.

The services undertaken by GHD in connection with preparing this report were limited to those specifically detailed in the report and are subject to the scope limitations set out in the report.

The opinions, conclusions and any recommendations in this report are based on conditions encountered and information reviewed at the date of preparation of the report. GHD has no responsibility or obligation to update this report to account for events or changes occurring subsequent to the date that the report was prepared.

The opinions, conclusions and any recommendations in this report are based on assumptions made by GHD described in this report. GHD disclaims liability arising from any of the assumptions being incorrect.

GHD has prepared this report on the basis of information provided by NuGrow and others who provided information to GHD (including Government authorities), which GHD has not independently verified or checked beyond the agreed scope of work. GHD does not accept liability in connection with such unverified information, including errors and omissions in the report which were caused by errors or omissions in that information.



### 1.3 Stormwater management requirements

The site hydrology used for the investigation and recommended management measures proposed for the development have been sized to ensure that the following conditions can be met:

- Modelled post-developed flows to be no greater than pre-developed flows and where required, to be discharged via the existing lawful point of discharge in the Kingston Drive road reserve
- Sufficient capacity in the proposed retention dam on the north western side of the property to ensure downstream non-worsening in a modelled 100yr ARI (1%AEP) event and under the modelled conditions of the 10 year ARI settling zone storage completely full at commencement of the modelled runoff event
- The proposed retention dam shall have sufficient capacity for the retention of stormwater runoff associated with a ARI 10 year (10%AEP) 24 hour storm event
- Identification of the requirements for a spillway for the controlled discharge of the peak 50 year ARI (2% AEP) event from this retention basin.

Discharges from the site were based on the pre and post development catchments identified in the Stormwater Catchment Plans included as Figure 1 and Figure 2 respectively in Appendix A.

### 1.4 Extent of proposed site development

NuGrow intend to use the existing operational area of the site for composting purposes. This existing area is currently hardstand and grades toward the existing north western sediment dam. (refer to site layout plan in Appendix A).

The existing cane-land and the dam to the south-east on the site are to be retained in their current state. Little change is proposed to the eastern catchment within the site and as previously approved under the SWMP (GHD 2008); hence re-modelling of the eastern catchment and existing eastern dam has not been undertaken as part of this assessment.

This updated modelling takes into consideration the redirection of some surface area and associated runoff within the south – east subcatchment to the proposed North Western Dam. This results in a reduction in south eastern catchment area with a corresponding reduction in the south eastern discharge location towards Childers Road. This redirected flow is accounted for in the post-development runoff model (Refer to Figure 2 of Appendix A).

### 1.5 Stormwater and leachate management measures

NuGrow have advised that they wish to implement a combined storage for stormwater runoff and leachate. This stormwater and leachate management measure is consistent with the requirements in the approved Environmental Authority (permit reference number: IPCE01189208). It is considered that a workable capture system for the leachate can be provided that will prevent contaminants being exported from the site on the following operational understanding:

- The North Western Dam will be lined with an impervious membrane to prevent seepage into the underlying strata and potentially into groundwater aquifers or downstream waterways.
- Frequent and consistent use of the water in the containment storage shall be made for the purpose of controlling the moisture level in compost windrows. This will have a constant draw-down effect on the storage volume. Refer to Section 2.4

- Dam levels will be regularly monitored and regulated with respect to forecast rainfall and anticipated dam inflows

Further details of the management of leachate storage are to be provided to DEHP by NuGrow with an application for approval of the combined storage. The

## 1.6 Design criteria

The design criteria adopted for this development were as follows:

- Design ARI – Major storm 100 year
- Design criteria
  - *International Erosion Control Association (IECA) Australasia Best Practice Erosion and Sediment Control Guidelines (2008)* to assess the capacity of the proposed dam for capturing sediment
  - The Department of Energy and Water Supply *Queensland Urban Drainage Manual (QUDM)(2013)* for best practice engineering for drainage design
  - The Department of Transport and Main Roads *Road Drainage Manual (2015)*
- Legislative requirements
  - *Environmental Protection Act 1994*
  - *Environmental Protection (Water) Policy 2009*
  - EHP's Model operating conditions, ERA 53 – Composting and soil conditioner manufacturing (refer Section 1.6.1)
  - Conditions of the existing approval and performance outcomes PO12 to PO13 of State Code 1
  - Bundaberg Regional Council planning policies and development codes relevant to stormwater management
- Rainfall – Bureau of Meteorology (BOM) Australian Rainfall and Runoff 2016 Intensity-Frequency-Duration data
- Level datum – AHD

### 1.6.1 Model operating conditions for ERA 53

EHP's model operating conditions for ERA 53 provide a framework of conditions that will be applicable to all new environmental authorities for ERA 53.

The guideline states the following in relation to storm water:

- The storm water runoff from disturbed areas, generated by a storm event up to and including a 24 hour storm event with an average recurrence interval of one-in-ten years must be retained on site and reused beneficially for the activity where possible or managed to remove contaminants before release offsite. A release of this water may only be carried out where there is no risk of contaminants being present or at concentrations which may cause environmental harm to the receiving environment.
- Where feedstock other than green waste is being accepted, any storm water which filters through composting piles or stored feedstock must be managed as leachate. A separate leachate management system must be in place for collecting and storing leachate to avoid contaminants within leachate directly entering the storm water basin and to also avoid the requirement for the storm water basin to be impervious
- Most composting sites across Queensland will be considered a high erosion hazard site, i.e. there is limited protective groundcover, and soil erosion is expected. Therefore the

guideline specifies sediment basin requirements in terms of sediment storage zone and settling volume, spillway etc.

- The release storm water for events up to and including a 24 hour storm event with an ARI of one in ten years must achieve a total suspended solids concentration of no more than 50 mg/L
- If a release of storm water runoff is required, then sampling and analysis of the water quality characteristics by an appropriately qualified person should be carried out to confirm that there are no contaminants present or at concentrations which may cause environmental harm.
- For events larger than 24 hour storm event with an ARI of one-in-ten years you are not required to retain all storm water runoff, however all reasonable and practicable measures must be taken to minimise the release of prescribed contaminants. For example, where a large rainfall event is predicted and there is the possibility of leachate overtopping a collection pond, measures should be implemented to remove and dispose of leachate likely to cause environmental harm.

#### **1.6.2 On site sediment basin operation**

The nature of the material used to construct the existing gravel base for the composting area within the catchment has not been assessed with respect to its settling properties (e.g. dispersiveness and particle size distribution). There is potential that flocculation of the settling volume may be required to allow the entrained sediment to sink to the dam's storage zone. Further testing in accordance IECA Guidelines and ongoing operational monitoring will be required to determine the requirements in this regard.

## 2. Background information

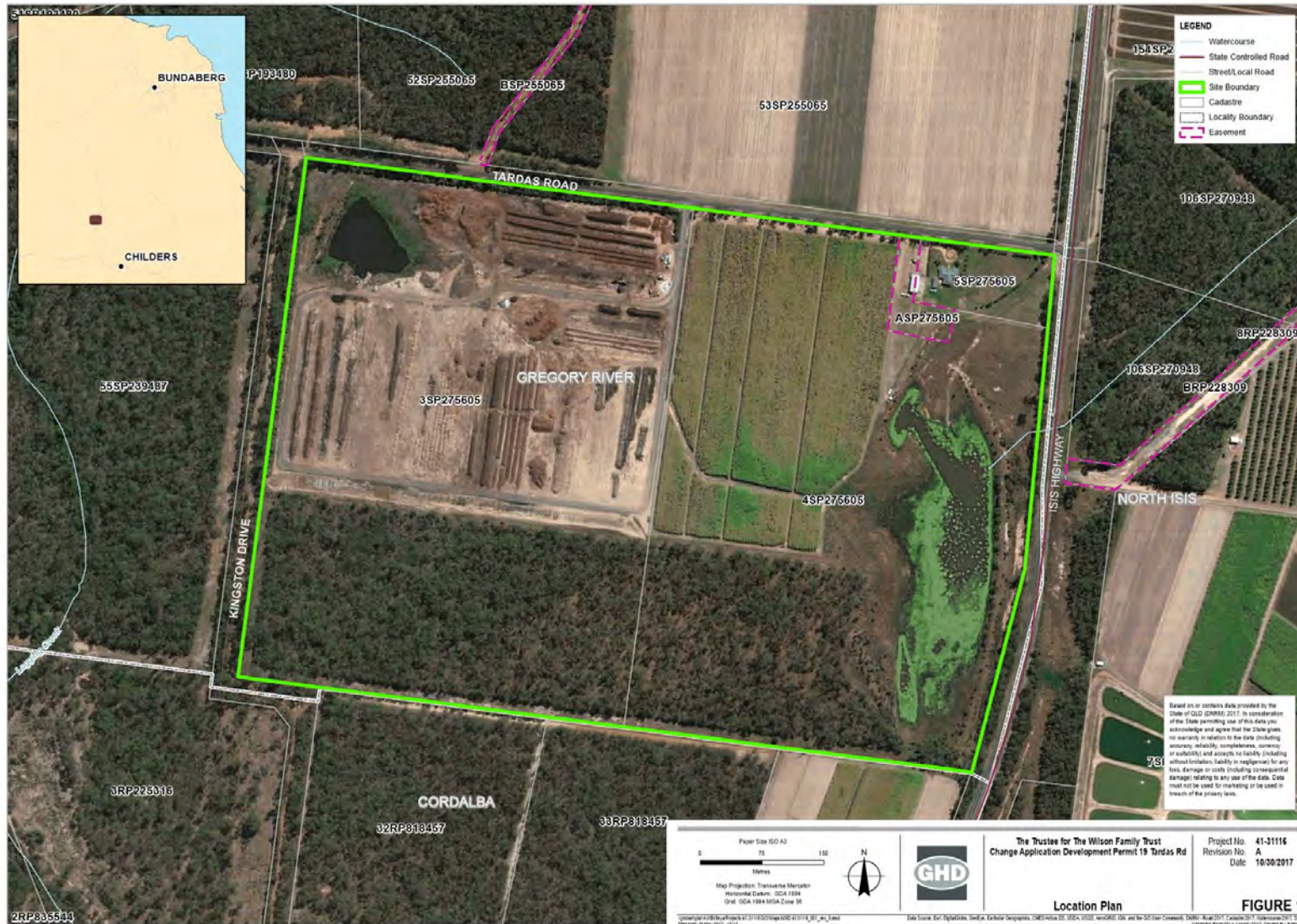
### 2.1 Site location and description

The site is located on the corner of Childers Road and Tardas Road, 3 km north of Cordalba with access via Tardas Road. Other pertinent details are summarised in Table 1. The location of the site is shown in Figure 1.

**Table 1 – Subject site details**

Real property description	Lots 3, 4 and 5 on SP275605
Address	Tardas Road, Cordalba
Area	58.39 hectares
Tenure	Freehold
Owner	NuGrow are seeking to purchase the land from Isis Central Sugar Mill
Zoning	Rural





## 2.2 Current and intended use of site

The site is currently used for a range of mixed rural uses including grazing and the growing of forage crops. Sugar cane production has been conducted in the past and will continue. One dwelling is presently located at the north-eastern portion of the site.

The intended use of the site is for a composting development site also known as a soil conditioner manufacturing facility. Existing dams are located on the eastern side of the site and the north-western portion of the site. The North Western Dam captures and stores runoff from the existing gravel composting area and is intended to capture and store leachate and stormwater runoff from the future composting operation in the western portion of the site. The client has advised that the runoff captured by the existing and proposed basin will be used as irrigation for the compost windrows.

The existing dam as constructed in the north west part of the site has insufficient volume capacity to meet the requirements identified in this SWMP.

## 2.3 Existing hydrological conditions

Currently, there is a ridge that runs across the middle of the property, with approximately half of the stormwater runoff discharging into the Kingston Drive road reserve on the western side and the other half discharging into the existing dam located on the eastern side of the property. The overflow for the existing eastern dam discharges to the Childers Road reserve.

The existing Eastern Dam is approximately 6.73 ha in area and holds approximately 94,900 m<sup>3</sup> measured to the overflow level of the spillway. There has been no further modelling of this storage as there will be no adverse effect on runoff to the eastern part of the site from the proposed development.

A previous storm water management plan (approved by Bundaberg Regional Council) for Global Earth Solutions (GHD 2008) identified the base case peak outflow to the Kingston Drive road reserve as being 3.352 m<sup>3</sup>/s.

There is an existing constructed dam in the north western part of the site that receives runoff from the current site operations. No survey has been undertaken (to the knowledge of GHD) to quantify the existing storage nor to identify the wall and spillway elevations. This existing constructed storage has therefore not been modelled.

## 2.4 Dam water re-use

The principal use for both of the existing storages on site is to provide supplementary irrigation water via pumped extraction. Irrigation will mainly occur over a 9 month period and most likely never over a continuous 24 hour period. The average irrigation rate for the entire site (total from both dams) has been advised to be 0.003 m<sup>3</sup>/s.

Water from the existing dam on the eastern side of the property will be used to irrigate the adjacent cane land. The proposed dam located at the north-western portion of the property will be used to irrigate the compost rows and the adjacent cane lands.

The area of cane land to be watered by the existing dam is approximately 40% of the total area requiring irrigation. Therefore it is assumed that the average irrigation demand from the existing south eastern dam will be approximately 0.001 m<sup>3</sup>/s and the average irrigation demand from the proposed north western dam will be approximately 0.002 m<sup>3</sup>/s.

## 3. Lawful point of discharge

### 3.1 QUDM criteria

Section 3.4.1 of QUDM establishes the criteria for a lawful point of discharge for stormwater. QUDM proposes a two-point test summarised as follows:

1. The location of the discharge is under the lawful control of the local government or other statutory authority from whom permission to discharge has been received. This will include park, drainage or road reserve, stormwater drainage easement.
2. In discharging to that location, the discharge will not cause an actionable nuisance (i.e. a nuisance for which the current or some future neighbouring proprietor may bring an action or claim for damages arising out of the nuisance), or environmental or property damage.

QUDM also states that where the first test has not been satisfied, it will be necessary to obtain a path to the lawful point of discharge, such as through a drainage easement or drainage reserve to the area under the lawful control of a local government or a statutory authority.

### 3.2 Lawful points of discharge for the proposed development

The existing lawful points of discharge for the property have been identified as the Childers Road reserve for stormwater draining from the eastern side of the allotment, and the Kingston Drive road reserve for stormwater draining from the western side of the allotment. These road reserves will remain as the two lawful points of discharge for the post-developed site. This satisfies requirement 1 under Section 3.1 above.

The stormwater retention system for the proposed development has been sized to ensure that the post development flows are less than the pre development flows and as a result there will be no worsening of the downstream situation. This will satisfy the prevention of actionable increases to peak flows as considered under requirement 2, Section 3.1 above

The majority of stormwater runoff captured is intended to be reused on site for irrigation. Where excessive rainfall occurs on site and the dams are insufficient to capture and store the flows, stormwater runoff will need to be discharged to lawful points of discharge.

We note that leachate captured in the North Western Dam will not be able to be discharged from the site as a requirement of ERA53 model operating conditions. This will satisfy the environmental criteria of requirement 2 under Section 3.1 above.



## 4. Conceptual stormwater assessment

### 4.1 Objectives and assumptions

The objectives of this Site Based Stormwater Management Plan, are to outline the best practices and general guidance principles to protect the environmental values, which currently exist in the immediate locality and downstream environments, and to meet the requirements of the IECA Guidelines and EHP's model operating conditions for ERA 53 (where practically possible).

The following assumptions were adopted as a part of the assessment:

- NuGrow intend to implement a dual use dam for collection and retention of leachate and stormwater in the north-western corner of the site.
- The area to the west of the north – south access road is to be used for composting operations.
- The area to the east of the north – south access road is to be retained as cane land and site runoff to discharge as it currently does to the eastern storage dam
- NuGrow will make application to the Department of Environment and Heritage Protection (EHP) for the use of combined storage of stormwater and leachate. It is noted that the general conditions for ERA53 compliance require separate storages for leachate and stormwater
- The north west (NW) composting area will be 100% gravel base wearing course and during initial operation will be 20% utilised for compost windrows
- Any stormwater falling on the catchments with compost windrows would all drain longitudinally (south to north) along the compost rows
- No amendments to site grading on the north eastern corner of the site will be made, so the catchment in this area will continue to drain towards Childers Road as in the pre-developed state
- Appropriate lag times were chosen for the reaches of the catchments in accordance with the length of the open drain discharging to the particular dam, adopting a velocity of 1 m/s.
- The composting area will be a clay layer to a depth of 1 m with an impervious rating of less than  $1 \times 10^{-9}$ .

### 4.2 Modelling parameters

The hydrology for the site development has been modelled using XP RAFTS. This software generates runoff hydrographs and has the capability to route runoff through storage volumes and determine attenuation in flows that result.

The modelling parameters used in XP Rafts are discussed below:

#### 4.2.1 Design Rainfall

Design rainfall intensity has been sourced from BOM 2016 design rainfall intensities.

Whilst the current XP Rafts (2016) version does not support use of this latest format of BOM data, the increase in 2016 rainfall intensity (compared to ARR 1987) has been allowed for by increasing the basic 1987 ARR rainfall parameters used within the XP Rafts model. The

resultant rainfall intensity and depth calculated in the model therefore compares to BOM 2016 figures.

#### 4.2.2 Rainfall losses

**Table 2 – Rainfall losses**

Surface Type	Initial loss (mm)	Continuing loss (mm/h)
Bushland	10	3
Hardstand (impervious)	1.5	0
Dam (lined)	0	0
Pervious	10	3

#### 4.2.3 Catchment roughness

**Table 3 – Mannings' catchment "n" values**

Surface Description	Mannings' "n"
Hardstand	0.02
Bushland	0.15
Grassed area	0.045

## 5. Dam sizing (North West Dam)

### 5.1 Sediment dam sizing

The requirements of ERA53 will be used to calculate the settling storage volume required for the north west dam. For this project it is required to have sufficient capacity to contain runoff from a 10 year 24 hour design storm. Required runoff storage volume calculations are included in Appendix B, and summarised below:

10 year, 24 hour rainfall = 212 mm

Gravel composting area = 159,000 m<sup>2</sup>

Cv gravel composting area = 1.0

Forested area = 64,500 m<sup>2</sup>

Cv forest = 0.67

Total Settling volume required = 42,900 m<sup>3</sup>

### 5.2 Preliminary volume assessment of dam storage

A preliminary assessment of the area readily available for the North Eastern Dam has been undertaken to approximately determine the potential storage capacity that can be provided.

Figure 3 (Appendix A) shows a concept design that would provide the required storage volume of 64,400 m<sup>3</sup>.to accommodate the sediment settling and storage zones only Further survey of the site of the existing dam, and it's surrounds, would be required before undertaking detailed

design of the required dam. Concept storage volumes at various levels within the dam are shown below in Table 4.

**Table 4 – Concept dam storage volumes**

Storage level (m AHD)	Storage Volume (m <sup>3</sup> )
69	0
70	15,750
71	35,350
72	59,100
72.2	64,590
73	87,310

### 5.3 Flow attenuation

In addition to the storage volume required to accommodate the sediment settling and storage zones, additional storage volumes needs to be provided to accommodate flow attenuation.

Hydrologic modelling has been undertaken to assist with this attenuation sizing of the proposed North Western Dam. The North Western Dam will be sized to ensure that the outflows are maintained at equivalent to, or lower than pre developed flows for ARI of up to 100 years (1% AEP), and to determine design requirements of the spillway to enable controlled discharge of the flow for the 50 year ARI (2% AEP) event.

To ensure non-worsening downstream of the site, the post-developed discharge from the site in a 100 year ARI event is to be 3.35 m<sup>3</sup>/s or less.

The XP Rafts model has used a starting water surface elevation of RL 72.2 m, which is the height of the top of the settling storage volume. The spillway width has been set at 7.0 m in the model.

The results of the design scenario have been shown in Table 5 below. Output summaries of the XP Rafts model results and basin hydrographs have been included in Appendix C.

**Table 5 – Summary of Modelled Flows to Kingston Drive**

Storm	Developed Case
10yr 30min	1.003
50yr 30min	1.632
100yr 30min	1.950
10yr 45min	1.321
50yr 45min	2.143
100yr 45min	2.549
10yr 60min	1.559
50yr 60min	2.497
100yr 60min	2.957
10yr 90min	1.733
50yr 90min	2.765
100yr 90min	3.265
10yr 120min	1.779
50yr 120min	2.818
100yr 120min	3.323
10yr 180min	1.743
50yr 180min	2.692
100yr 180min	3.182
10yr 270min	1.545
50yr 270min	2.364
100yr 270min	2.818

The modelling results indicate that flows discharging from the site toward Kingston Road for the 100 year ARI event are less than pre-developed flows.

The peak storm duration that produces the peak discharge is 120 minutes for the proposed case.

Details of storages and peak water levels in the dam are included below for 50 year and 100 year ARI events:

**Table 6 – Summary of Storages and Peak Outflows – Various ARI's**

Event (ARI-Duration)	Peak water storage level (m AHD)	Storage Volume (m <sup>3</sup> )	Peak outflow (m <sup>3</sup> /s)
50-30	72.47	74,700	1.00
50-45	72.52	76,700	1.63
50-60	72.55	78,000	1.95
50-90	72.58	78,950	1.32
50-120	72.58	79,150	2.14
50-180	72.57	78,700	2.55
50-270	72.54	77,500	1.56
100-30	72.50	75,970	2.50
100-45	72.56	78,200	2.96
100-60	72.60	79,600	1.73
100-90	72.62	80,600	2.77
100-120	72.63	80,800	3.27
100-180	72.62	80,600	1.78
100-270	72.58	79,150	2.82

The identified peak 100 year ARI water surface level is RL 72.63 m AHD, which is 430 mm deep over the concept design spillway level. The storage volume to attenuate the 100 year ARI pre-developed flow is 80,800 m<sup>3</sup>.

The peak discharge in a 50 year ARI event is 2.549 m<sup>3</sup>/s, which will flow 370 mm deep over the spillway.

300 mm has been adopted as the minimum (QUDM section 5.06) freeboard requirement (QUDM section 5.06) above 100 year peak water surface level. This results in a minimum dam crest level of 72.93 m AHD.

The previously approved SWMP for Global Earth Solutions (GHD 2008) identified a storage requirement of 78,500 m<sup>3</sup>. The increase in storage requirement is due to the interception of some additional catchment (bushland external to the operational area), as shown on Figure 2 in Appendix A.

## 6. Conclusions

In summary, the proposed use of the site will not change significantly, when NuGrow commence their operations on the site. It will still operate as a rural facility conducting similar operations producing similar finished products.

The proposed North Western Dam has been sized at the concept level of design, to work as a sedimentation basin to containing a modelled 10 year ARI (10%AEP) design event. This sizing will effectively attenuate flows from the site in events of up to the modelled 100 year ARI (1%AEP) event, without overtopping the dam crest.

The key outcomes for this development are:

- Modelled post-developed peak discharges from the site are no greater than current discharges;
- Discharge from the site is to the existing lawful points of discharge in the Childers Road and Kingston Drive road reserves for the SE existing dam and proposed North Western Dam respectively;
- Sediment capture storage requirements have been provided in accordance with IECA – Best Practise Erosion and Sediment Control; and
- There is sufficient storage capacity in a proposed dam at the NE corner of the property to ensure satisfactory operation (i.e. no increase in site discharge) in a 100yr ARI (1% AEP) event, even when the sediment settling zone is 100% utilised at the beginning of the storm event.

A check was performed on the dual use basin assuming a full basin (at spillway level) at the onset of a 100yr ARI (1%AEP) rainfall event (since there is a low outflow condition and it will take quite some time for the basins to empty out fully), which is conservative.

The proposed dual use basin works adequately with a reduction in post-developed flows from peak existing pre-developed quantities, with this discharge occurring at the existing lawful point of discharge.

## 7. Recommendations

The key recommendations for the progression of this development and implementation of runoff control measures are as follows:

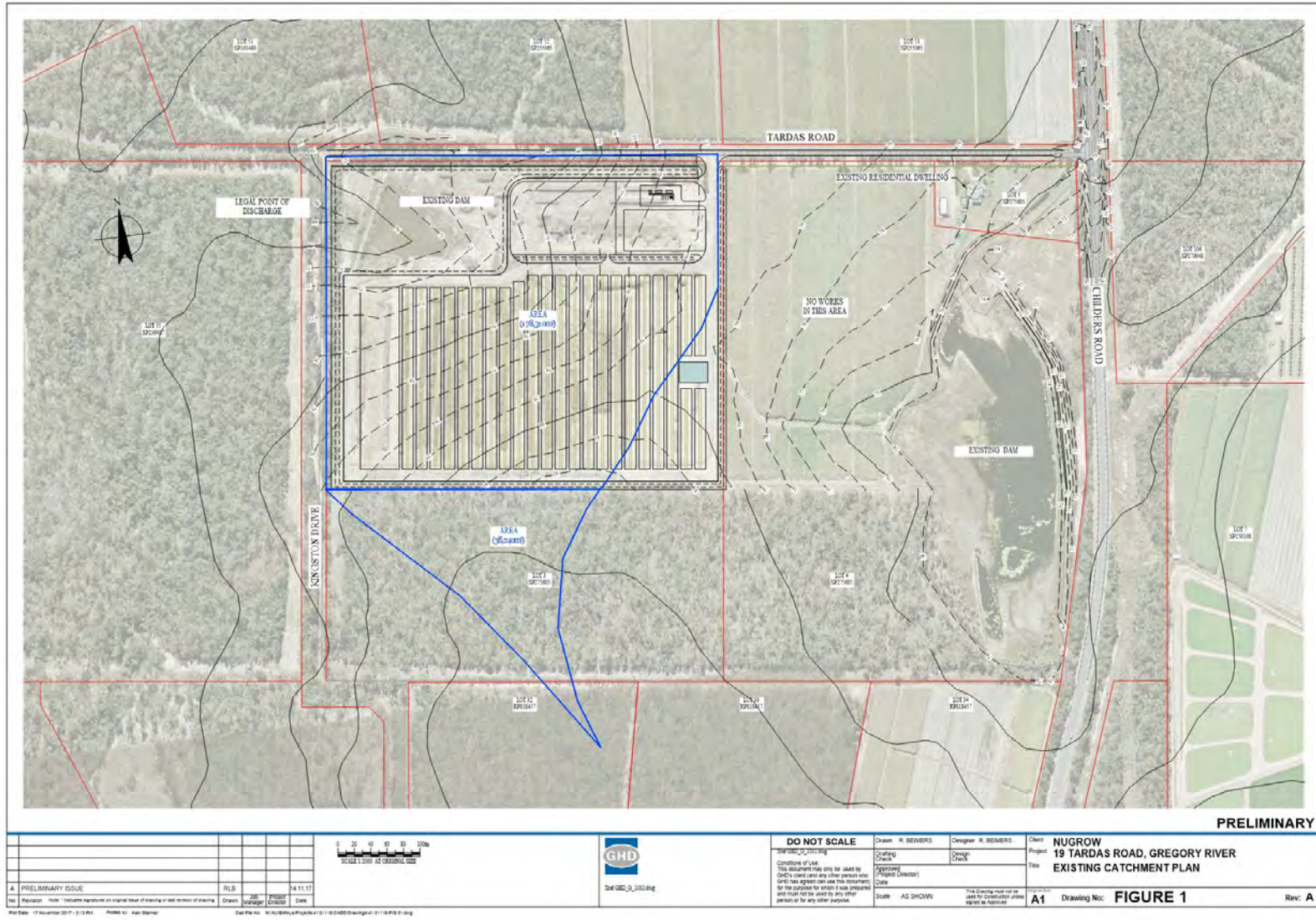
- Trash racks to be placed on the North Western Dam spillway to ensure that floating debris in the dam storage is retained within the site;
- The North Western Dam to be designed pursuant to the concept sizing and hydrological outcomes contained in the SWMP;
- Future investigation of the preferred spillway location for the dam outlet (e.g. bywash near existing surface level or chute down the dam embankment) will need to be considered;
- Further options (such as base level, cut and fill balance) for the most economic construction of the required dual use dam may be worth considering as a significant area of the site is affected, and significant earthworks will be required in its construction, and;
- Future detailed design recognises Bundaberg Regional Council Code requirements and that of other relevant authorities for dam design and construction.



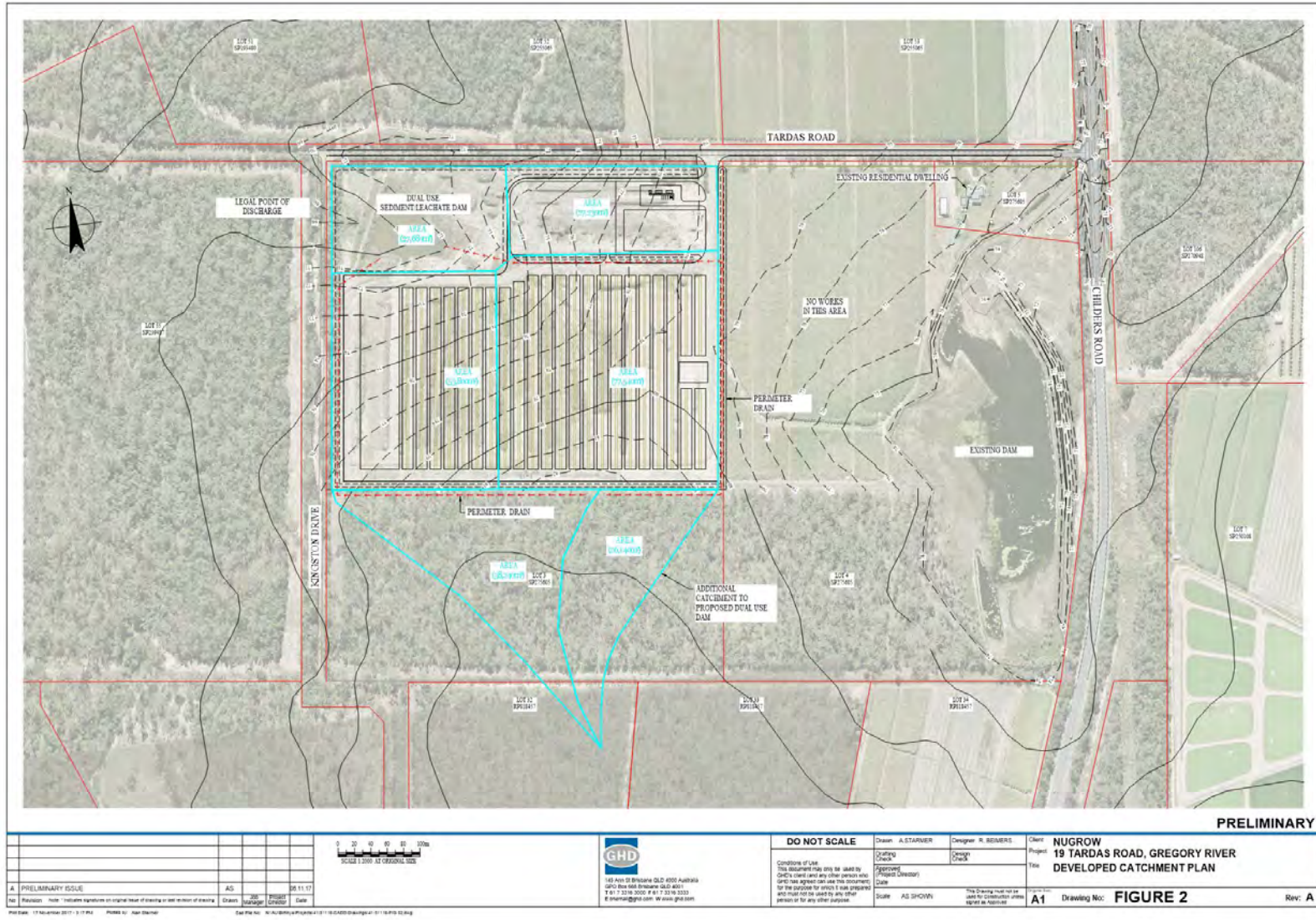


## Appendices

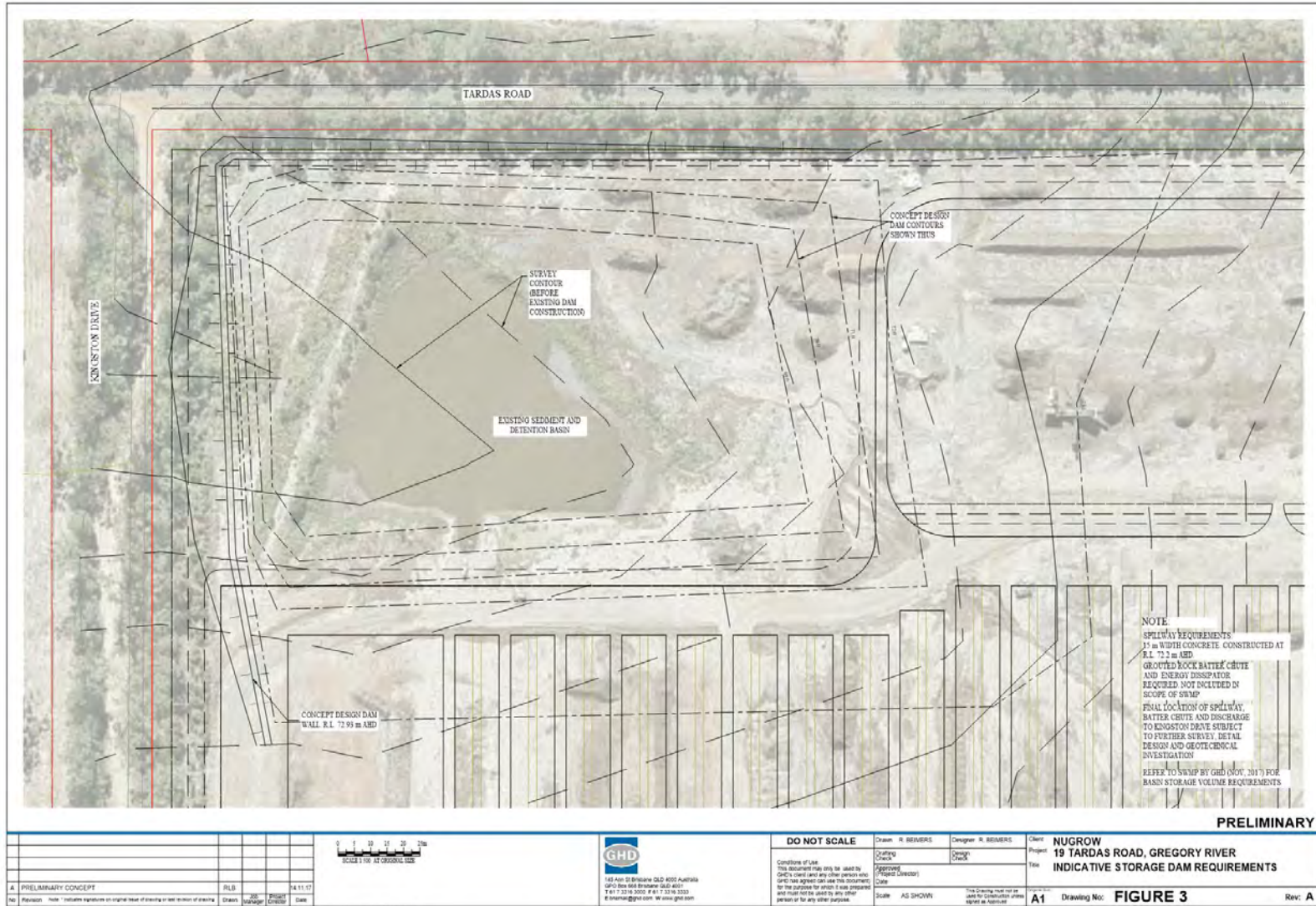
**Appendix A** – Site Layout, stormwater catchment plans and concept dam layout











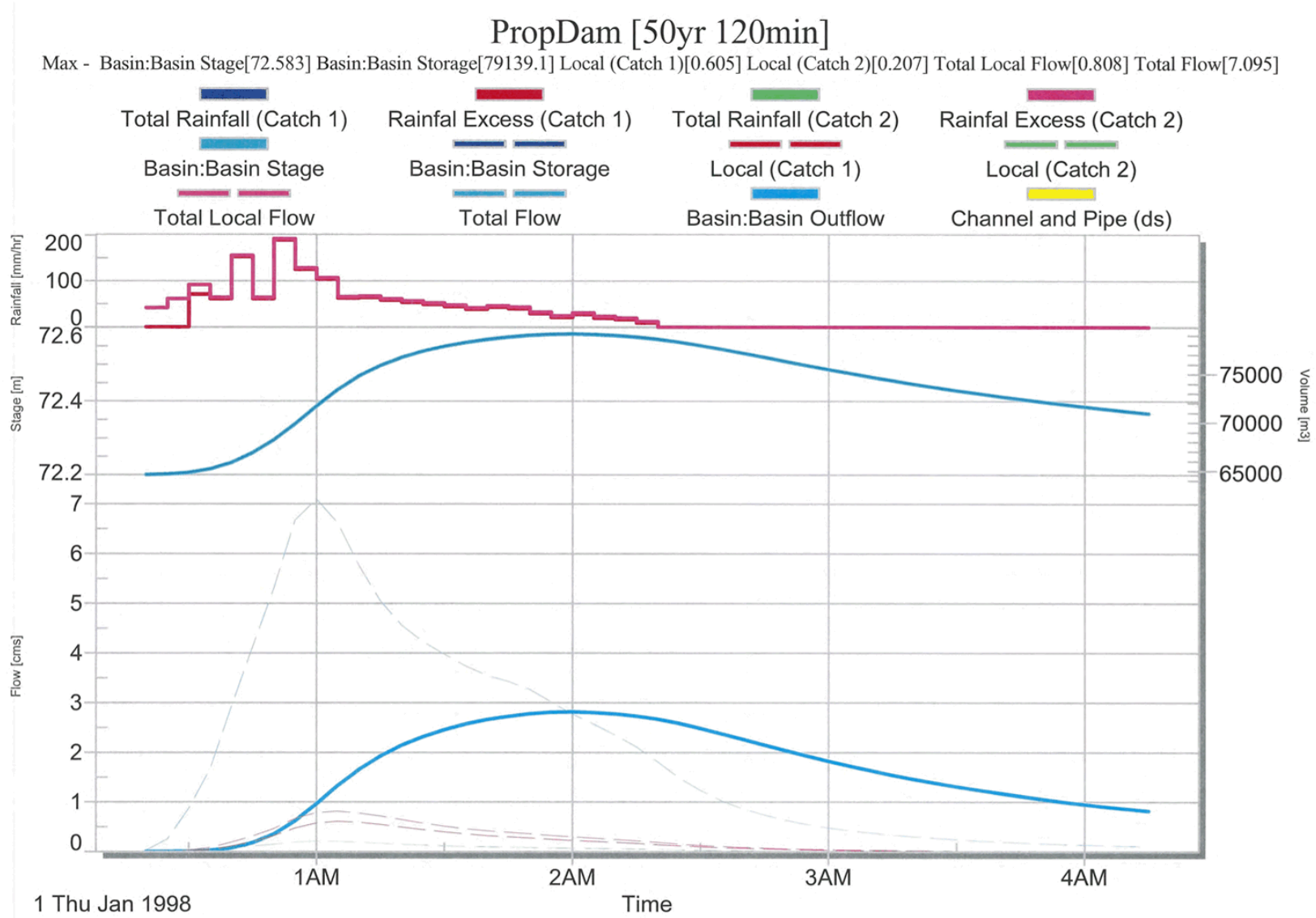
## **Appendix B** – Sediment storage calculations

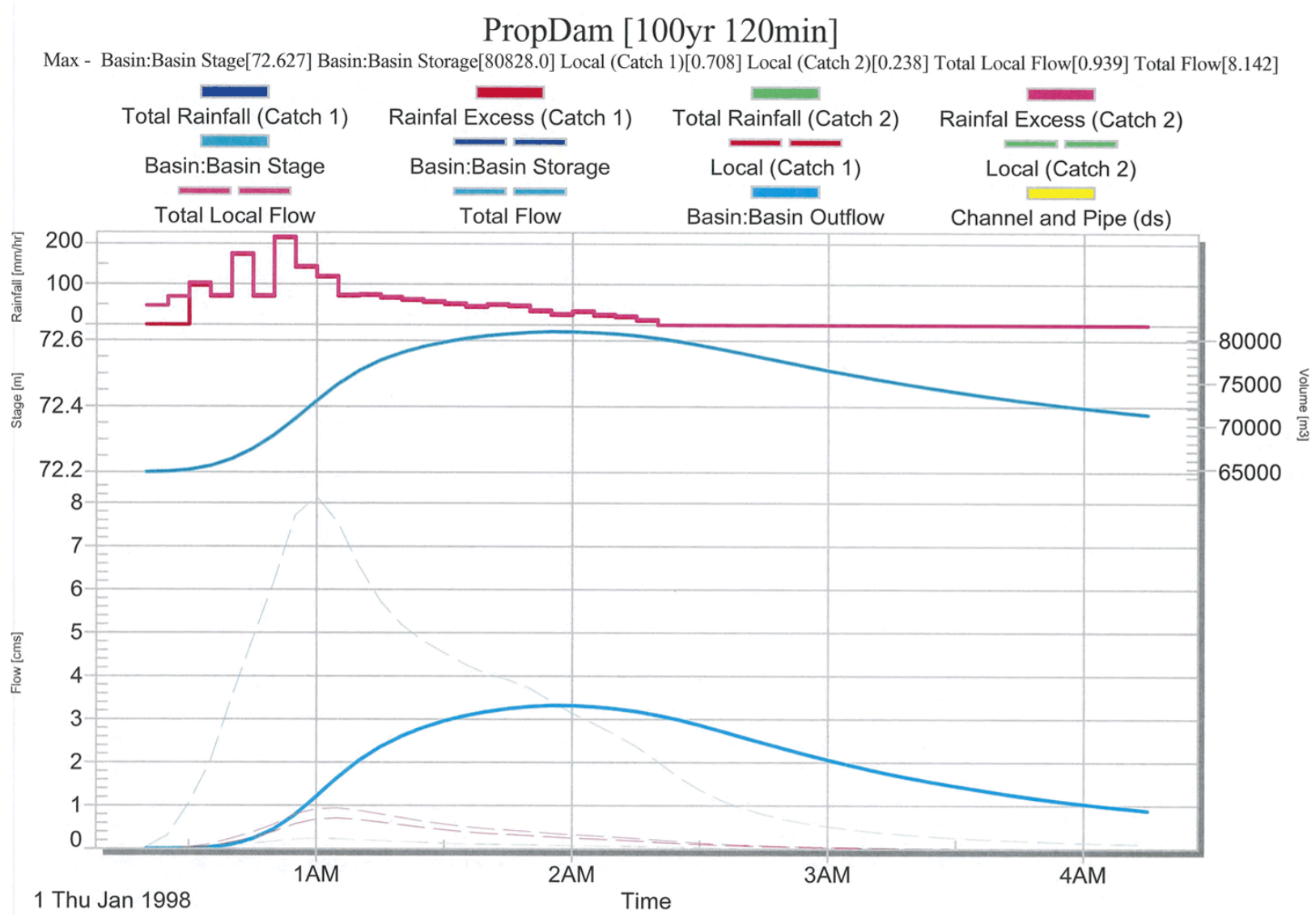
NuGROW - Tardas Road, Cordalba					
Sediment Basin Volume Calculations					
<i>Settling Volume = R (rainfall depth) x Cv (volumetric runoff co-efficient) x Area</i>					
Sizing based on 10 year 1 day rainfall event due to ERA on the site.					
Catchment I.D.	R (mm)	Cv (Soil)	Area (m <sup>2</sup> )	Settling Volume for event (m <sup>3</sup> )	
Hardstand	212.16	1	159000	33,733	
Bushland	212.16	0.67	64500	9,168	
				42,902	Total Settling Zone Volume
				21,450.97	Sed Storage Zone
				64,352.90	Total Below Spillway





## **Appendix C – XP RAFTS Outputs**





Proposed Dam 2017  
Run started at: 14th November 2017 15:54:14

```
#####
#####
#####          RUNTIME          RESULTS
#####          #####
#####
```

```
Max. no. of links allowed =      10000

Max. no. of routng increments allowed =      99999

Max. no. of rating curve points =      99999

Max. no. of storm temporal points =      99999

Max. no. of channel subreaches =      25

Max link stack level =      50

Input Version number =      821

LINK WestRows      1.000
ESTIMATED VOLUME (CU METRES*10**3) =      2.652
ESTIMATED PEAK FLOW (CUMECS) =      2.1
ESTIMATED TIME TO PEAK (MINS) =      20.00

LINK WestTrees      1.000
ESTIMATED VOLUME (CU METRES*10**3) =      0.4766
ESTIMATED PEAK FLOW (CUMECS) =      0.19
ESTIMATED TIME TO PEAK (MINS) =      35.00

LINK CentTrees      1.000
ESTIMATED VOLUME (CU METRES*10**3) =      0.3670
ESTIMATED PEAK FLOW (CUMECS) =      0.15
ESTIMATED TIME TO PEAK (MINS) =      35.00

LINK CentRows      1.000
ESTIMATED VOLUME (CU METRES*10**3) =      4.016
ESTIMATED PEAK FLOW (CUMECS) =      2.3
ESTIMATED TIME TO PEAK (MINS) =      25.00

LINK StorArea      1.000
ESTIMATED VOLUME (CU METRES*10**3) =      1.081
ESTIMATED PEAK FLOW (CUMECS) =      0.85
ESTIMATED TIME TO PEAK (MINS) =      20.00

LINK PropDam      1.000
ESTIMATED VOLUME (CU METRES*10**3) =      9.132
ESTIMATED PEAK FLOW (CUMECS) =      5.4
ESTIMATED TIME TO PEAK (MINS) =      25.00
```

Page 1

Proposed Dam 2017

```
#####
####
NuGROW - Tardas Rd Composting Facility 2017
Results for period from 0:20.0 1/ 1/1998
                      to 1:20.0 1/ 1/1998
#####
####
```

```
ROUTING INCREMENT (MINS) =      5.00
STORM DURATION (MINS)     =      30.
RETURN PERIOD (YRS)      =      10.
BX                          =      1.0000
TOTAL OF FIRST SUB-AREAS (ha) =      24.43
TOTAL OF SECOND SUB-AREAS (ha) =       0.64
TOTAL OF ALL SUB-AREAS (ha) =      25.06
```

SUMMARY OF CATCHMENT AND RAINFALL DATA

Link Label	Catch. #1 (ha)	Area #2 (ha)	Slope #1 (%)	Slope #2 (%)	% Impervious #1 (%)	% Impervious #2 (%)	Pern #1	Pern #2	B #1	B #2	Link No.
WestRows	5.380	0.000	3.000	0.000	0.000	0.000	.020	0.00	.0270	0.000	1.000
WestTrees	3.824	0.000	2.720	0.000	0.000	0.000	.150	0.00	.1373	0.000	2.000
CentTrees	2.614	0.000	2.700	0.000	0.000	0.000	.150	0.00	.1131	0.000	3.000
CentRows	7.754	0.000	1.450	0.000	0.000	0.000	.020	0.00	.0470	0.000	3.001
StorArea	2.723	0.000	2.080	0.000	0.000	0.000	.020	0.00	.0228	0.000	4.000
PropDam	2.131	0.6370	1.500	.0010	0.000	100.0	.045	.011	.0482	.0311	1.001

Link Label	Average Intensity (mm/h)	Init. #1 (mm)	Loss #2	Cont. #1 (mm/h)	Loss #2	Excess #1 (mm)	Rain #2	Peak Inflow (m <sup>3</sup> /s)	Time to Peak	Link Lag (mins)
WestRows	104.40	1.500	0.000	0.000	0.000	50.698	0.000	2.125	20.00	0.000
WestTrees	104.40	10.00	0.000	3.000	0.000	40.948	0.000	0.1913	35.00	7.000
CentTrees	104.40	10.00	0.000	3.000	0.000	40.948	0.000	0.1477	35.00	1.000
CentRows	104.40	1.500	0.000	0.000	0.000	50.698	0.000	2.313	25.00	0.000
StorArea	104.40	10.00	0.000	3.000	0.000	40.948	0.000	0.8500	20.00	5.000
PropDam	104.40	10.00	0.000	3.000	0.000	40.948	52.198	5.385	25.00	0.000

SUMMARY OF BASIN RESULTS

Link Label	Time to Peak	Peak Inflow (m <sup>3</sup> /s)	Time to Peak	Peak Outflow (m <sup>3</sup> /s)	Total Inflow (m <sup>3</sup> )	Basin Vol. Avail (m <sup>3</sup> )	Basin Vol. Used (m <sup>3</sup> )	Stage Used (m)
PropDam	25.00	5.385	55.00	1.003	9132.4	0.0000	71896.7	72.392

SUMMARY OF BASIN OUTLET RESULTS

Link No.	S/D	Dia	width	Pipe	Pipe
----------	-----	-----	-------	------	------

Label	of	Factor	Proposed Dam	2017	Slope
		(m)	(m)	Length	(%)
PropDam	1.0	1.000	0.000	600.00	0.5000
LINK WestRows		2.000			
ESTIMATED VOLUME (CU METRES*10**3) =					3.654
ESTIMATED PEAK FLOW (CUMECS) =					2.8
ESTIMATED TIME TO PEAK (MINS) =					20.00
LINK WestTrees		2.000			
ESTIMATED VOLUME (CU METRES*10**3) =					0.8007
ESTIMATED PEAK FLOW (CUMECS) =					0.32
ESTIMATED TIME TO PEAK (MINS) =					35.00
LINK CentTrees		2.000			
ESTIMATED VOLUME (CU METRES*10**3) =					0.6146
ESTIMATED PEAK FLOW (CUMECS) =					0.25
ESTIMATED TIME TO PEAK (MINS) =					35.00
LINK CentRows		2.000			
ESTIMATED VOLUME (CU METRES*10**3) =					5.684
ESTIMATED PEAK FLOW (CUMECS) =					3.3
ESTIMATED TIME TO PEAK (MINS) =					25.00
LINK StorArea		2.000			
ESTIMATED VOLUME (CU METRES*10**3) =					1.589
ESTIMATED PEAK FLOW (CUMECS) =					1.3
ESTIMATED TIME TO PEAK (MINS) =					20.00
LINK PropDam		2.000			
ESTIMATED VOLUME (CU METRES*10**3) =					13.08
ESTIMATED PEAK FLOW (CUMECS) =					7.6
ESTIMATED TIME TO PEAK (MINS) =					25.00

#####  
 #####  
 NuGROW - Tardas Rd Composting Facility 2017  
 Results for period from 0:20.0 1/ 1/1998  
 to 1:20.0 1/ 1/1998  
 #####  
 #####

ROUTING INCREMENT (MINS) = 5.00  
 STORM DURATION (MINS) = 30.  
 RETURN PERIOD (YRS) = 50.  
 BX = 1.0000  
 TOTAL OF FIRST SUB-AREAS (ha) = 24.43  
 TOTAL OF SECOND SUB-AREAS (ha) = 0.64  
 TOTAL OF ALL SUB-AREAS (ha) = 25.06

SUMMARY OF CATCHMENT AND RAINFALL DATA  
 Link Catch. Area Slope % Impervious Pern B Link  
 Label #1 #2 #1 #2 #1 #2 #1 #2 #1 #2 No.  
 (ha) (%) (%)



Proposed Dam 2017

WestRows	5.380	0.000	3.000	0.000	0.000	0.000	.020	0.00	.0270	0.000	1.000
WestTrees	3.824	0.000	2.720	0.000	0.000	0.000	.150	0.00	.1373	0.000	2.000
CentTrees	2.614	0.000	2.700	0.000	0.000	0.000	.150	0.00	.1131	0.000	3.000
CentRows	7.754	0.000	1.450	0.000	0.000	0.000	.020	0.00	.0470	0.000	3.001
StorArea	2.723	0.000	2.080	0.000	0.000	0.000	.020	0.00	.0228	0.000	4.000
PropDam	2.131	0.6370	1.500	.0010	0.000	100.0	.045	.011	.0482	.0311	1.001

Link Label	Average Intensity (mm/h)	Init. #1 (mm)	Loss #2	Cont. #1 (mm/h)	Loss #2	Excess #1 (mm)	Rain #2	Peak Inflow (m <sup>3</sup> /s)	Time to Peak	Link Lag mins
WestRows	142.30	1.500	0.000	0.000	0.000	69.652	0.000	2.849	20.00	0.000
WestTrees	142.30	10.00	0.000	3.000	0.000	59.652	0.000	0.3250	35.00	7.000
CentTrees	142.30	10.00	0.000	3.000	0.000	59.652	0.000	0.2506	35.00	1.000
CentRows	142.30	1.500	0.000	0.000	0.000	69.652	0.000	3.269	25.00	0.000
StorArea	142.30	10.00	0.000	3.000	0.000	59.652	0.000	1.261	20.00	5.000
PropDam	142.30	10.00	0.000	3.000	0.000	59.652	71.152	7.594	25.00	0.000

SUMMARY OF BASIN RESULTS

Link Label	Time to Peak	Peak Inflow	Time to Peak	Peak Outflow	Total Inflow	Basin Vol. Avail	Basin Vol. Used	Stage Used
	(mins)	(m <sup>3</sup> /s)	(mins)	(m <sup>3</sup> /s)	(m <sup>3</sup> )	(m <sup>3</sup> )	(m <sup>3</sup> )	(m)
PropDam	25.00	7.593	50.00	1.632	13076.9	0.0000	74697.6	72.466

SUMMARY OF BASIN OUTLET RESULTS

Link Label	No. of	S/D Factor (m)	Dia (m)	width (m)	Pipe Length (m)	Pipe Slope (%)
PropDam	1.0	1.000		0.000	600.00	0.5000

LINK WestRows 3.000  
 ESTIMATED VOLUME (CU METRES\*10\*\*3) = 4.106  
 ESTIMATED PEAK FLOW (CUMECS) = 3.2  
 ESTIMATED TIME TO PEAK (MINS) = 20.00

LINK WestTrees 3.000  
 ESTIMATED VOLUME (CU METRES\*10\*\*3) = 0.9696  
 ESTIMATED PEAK FLOW (CUMECS) = 0.39  
 ESTIMATED TIME TO PEAK (MINS) = 35.00

LINK CentTrees 3.000  
 ESTIMATED VOLUME (CU METRES\*10\*\*3) = 0.7432  
 ESTIMATED PEAK FLOW (CUMECS) = 0.30  
 ESTIMATED TIME TO PEAK (MINS) = 35.00

LINK CentRows 3.000

```

Proposed Dam 2017
ESTIMATED VOLUME (CU METRES*10**3) = 6.459
ESTIMATED PEAK FLOW (CUMECS) = 3.7
ESTIMATED TIME TO PEAK (MINS) = 25.00

LINK StorArea 3.000

ESTIMATED VOLUME (CU METRES*10**3) = 1.820
ESTIMATED PEAK FLOW (CUMECS) = 1.5
ESTIMATED TIME TO PEAK (MINS) = 20.00

LINK PropDam 3.000

ESTIMATED VOLUME (CU METRES*10**3) = 14.91
ESTIMATED PEAK FLOW (CUMECS) = 8.8
ESTIMATED TIME TO PEAK (MINS) = 20.00
    
```

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####
NuGROW - Tardas Rd Composting Facility 2017
Results for period from 0:20.0 1/ 1/1998
to 1:20.0 1/ 1/1998
#####
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ROUTING INCREMENT (MINS) = 5.00
STORM DURATION (MINS) = 30.
RETURN PERIOD (YRS) = 100.
BX = 1.0000
TOTAL OF FIRST SUB-AREAS (ha) = 24.43
TOTAL OF SECOND SUB-AREAS (ha) = 0.64
TOTAL OF ALL SUB-AREAS (ha) = 25.06
    
```

SUMMARY OF CATCHMENT AND RAINFALL DATA

Link Label	Catch. Area		Slope		% Impervious		Pern		B		Link No.
	#1 (ha)	#2	#1 (%)	#2	#1 (%)	#2	#1	#2	#1	#2	
WestRows	5.380	0.000	3.000	0.000	0.000	0.000	.020	0.00	.0270	0.000	1.000
WestTrees	3.824	0.000	2.720	0.000	0.000	0.000	.150	0.00	.1373	0.000	2.000
CenTrees	2.614	0.000	2.700	0.000	0.000	0.000	.150	0.00	.1131	0.000	3.000
CentRows	7.754	0.000	1.450	0.000	0.000	0.000	.020	0.00	.0470	0.000	3.001
StorArea	2.723	0.000	2.080	0.000	0.000	0.000	.020	0.00	.0228	0.000	4.000
PropDam	2.131	0.6370	1.500	.0010	0.000	100.0	.045	.011	.0482	.0311	1.001

Link Label	Average Intensity (mm/h)	Init. Loss (mm)		Cont. Loss (mm/h)		Excess Rain (mm)		Peak Inflow (m <sup>3</sup> /s)	Time to Peak	Link Lag mins
		#1	#2	#1	#2	#1	#2			
WestRows	159.39	1.500	0.000	0.000	0.000	78.193	0.000	3.230	20.00	0.000
WestTrees	159.39	10.00	0.000	3.000	0.000	68.193	0.000	0.3927	35.00	7.000
CenTrees	159.39	10.00	0.000	3.000	0.000	68.193	0.000	0.3028	35.00	1.000
CentRows	159.39	1.500	0.000	0.000	0.000	78.193	0.000	3.738	25.00	0.000
StorArea	159.39	10.00	0.000	3.000	0.000	68.193	0.000	1.471	20.00	5.000

Proposed Dam 2017

PropDam 159.39 10.00 0.000 3.000 0.000 68.193 79.693 8.763 20.00 0.000

SUMMARY OF BASIN RESULTS

Link Label	Time to Peak	Peak Inflow (m <sup>3</sup> /s)	Time to Peak	Peak Outflow (m <sup>3</sup> /s)	Total Inflow (m <sup>3</sup> )	Vol. Avail (m <sup>3</sup> )	Basin Vol. Used (m <sup>3</sup> )	Stage Used (m)
PropDam	20.00	8.762	50.00	1.950	14912.5	0.0000	75969.7	72.499

SUMMARY OF BASIN OUTLET RESULTS

Link Label	No. of	S/D Factor (m)	Dia (m)	Width (m)	Pipe Length (m)	Pipe Slope (%)
PropDam	1.0	1.000		0.000	600.00	0.5000

LINK WestRows 4.000  
 ESTIMATED VOLUME (CU METRES\*10\*\*3) = 3.287  
 ESTIMATED PEAK FLOW (CUMECS) = 2.0  
 ESTIMATED TIME TO PEAK (MINS) = 25.00

LINK WestTrees 4.000  
 ESTIMATED VOLUME (CU METRES\*10\*\*3) = 0.9723  
 ESTIMATED PEAK FLOW (CUMECS) = 0.26  
 ESTIMATED TIME TO PEAK (MINS) = 50.00

LINK CenTrees 4.000  
 ESTIMATED VOLUME (CU METRES\*10\*\*3) = 0.7352  
 ESTIMATED PEAK FLOW (CUMECS) = 0.20  
 ESTIMATED TIME TO PEAK (MINS) = 50.00

LINK CentRows 4.000  
 ESTIMATED VOLUME (CU METRES\*10\*\*3) = 5.384  
 ESTIMATED PEAK FLOW (CUMECS) = 2.4  
 ESTIMATED TIME TO PEAK (MINS) = 30.00

LINK StorArea 4.000  
 ESTIMATED VOLUME (CU METRES\*10\*\*3) = 1.378  
 ESTIMATED PEAK FLOW (CUMECS) = 0.83  
 ESTIMATED TIME TO PEAK (MINS) = 25.00

LINK PropDam 4.000  
 ESTIMATED VOLUME (CU METRES\*10\*\*3) = 12.32  
 ESTIMATED PEAK FLOW (CUMECS) = 5.4  
 ESTIMATED TIME TO PEAK (MINS) = 30.00

#####  
 #####  
 NuGROW - Tardas Rd Composting Facility 2017  
 Results for period from 0:20.0 1/ 1/1998  
 to 1:50.0 1/ 1/1998  
 #####

#####

Proposed Dam 2017

ROUTING INCREMENT (MINS) = 5.00  
 STORM DURATION (MINS) = 45.  
 RETURN PERIOD (YRS) = 10.  
 BX = 1.0000  
 TOTAL OF FIRST SUB-AREAS (ha) = 24.43  
 TOTAL OF SECOND SUB-AREAS (ha) = 0.64  
 TOTAL OF ALL SUB-AREAS (ha) = 25.06

SUMMARY OF CATCHMENT AND RAINFALL DATA

Link Label	Catch. #1 (ha)	Area #2	Slope #1 (%)	Slope #2 (%)	% Impervious #1 (%)	% Impervious #2 (%)	Pern #1	Pern #2	B #1	B #2	Link No.
WestRows	5.380	0.000	3.000	0.000	0.000	0.000	.020	0.00	.0270	0.000	1.000
WestTrees	3.824	0.000	2.720	0.000	0.000	0.000	.150	0.00	.1373	0.000	2.000
CentTrees	2.614	0.000	2.700	0.000	0.000	0.000	.150	0.00	.1131	0.000	3.000
CentRows	7.754	0.000	1.450	0.000	0.000	0.000	.020	0.00	.0470	0.000	3.001
StorArea	2.723	0.000	2.080	0.000	0.000	0.000	.020	0.00	.0228	0.000	4.000
PropDam	2.131	0.6370	1.500	.0010	0.000	100.0	.045	.011	.0482	.0311	1.001

Link Label	Average Intensity (mm/h)	Init. #1 (mm)	Loss #2	Cont. #1 (mm/h)	Loss #2	Excess #1 (mm)	Rain #2	Peak Inflow (m <sup>3</sup> /s)	Time to Peak	Link Lag mins
WestRows	84.221	1.500	0.000	0.000	0.000	61.666	0.000	1.971	25.00	0.000
WestTrees	84.221	10.00	0.000	3.000	0.000	51.166	0.000	0.2624	50.00	7.000
CentTrees	84.221	10.00	0.000	3.000	0.000	51.166	0.000	0.2020	50.00	1.000
CentRows	84.221	1.500	0.000	0.000	0.000	61.666	0.000	2.385	30.00	0.000
StorArea	84.221	10.00	0.000	3.000	0.000	51.166	0.000	0.8327	25.00	5.000
PropDam	84.221	10.00	0.000	3.000	0.000	51.166	63.166	5.429	30.00	0.000

SUMMARY OF BASIN RESULTS

Link Label	Time to Peak	Peak Inflow (m <sup>3</sup> /s)	Time to Peak	Peak Outflow (m <sup>3</sup> /s)	Total Inflow (m <sup>3</sup> )	----- Basin -----	-----
	Peak		Peak			Vol. (m <sup>3</sup> ) Avail	Vol. (m <sup>3</sup> ) Used
PropDam	30.00	5.429	65.00	1.321	12322.1	0.0000	73366.6
							72.431

SUMMARY OF BASIN OUTLET RESULTS

Link Label	No. of	S/D Factor (m)	Dia (m)	width (m)	Pipe Length (m)	Pipe Slope (%)
PropDam	1.0	1.000		0.000	600.00	0.5000

LINK WestRows 5.000

ESTIMATED VOLUME (CU METRES\*10\*\*3) = 4.536  
 ESTIMATED PEAK FLOW (CUMECS) = 2.7

```

Proposed Dam 2017
ESTIMATED TIME TO PEAK (MINS) = 25.00

LINK WestTrees 5.000
ESTIMATED VOLUME (CU METRES*10**3) = 1.606
ESTIMATED PEAK FLOW (CUMECS) = 0.44
ESTIMATED TIME TO PEAK (MINS) = 50.00

LINK CentTrees 5.000
ESTIMATED VOLUME (CU METRES*10**3) = 1.201
ESTIMATED PEAK FLOW (CUMECS) = 0.34
ESTIMATED TIME TO PEAK (MINS) = 50.00

LINK CentRows 5.000
ESTIMATED VOLUME (CU METRES*10**3) = 7.642
ESTIMATED PEAK FLOW (CUMECS) = 3.4
ESTIMATED TIME TO PEAK (MINS) = 30.00

LINK StorArea 5.000
ESTIMATED VOLUME (CU METRES*10**3) = 2.010
ESTIMATED PEAK FLOW (CUMECS) = 1.2
ESTIMATED TIME TO PEAK (MINS) = 25.00

LINK PropDam 5.000
ESTIMATED VOLUME (CU METRES*10**3) = 17.69
ESTIMATED PEAK FLOW (CUMECS) = 7.7
ESTIMATED TIME TO PEAK (MINS) = 25.00
    
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#####
####
NuGROW - Tardas Rd Composting Facility 2017
Results for period from 0:20.0 1/ 1/1998
                      to 1:50.0 1/ 1/1998
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ROUTING INCREMENT (MINS) = 5.00
STORM DURATION (MINS) = 45.
RETURN PERIOD (YRS) = 50.
BX = 1.0000
TOTAL OF FIRST SUB-AREAS (ha) = 24.43
TOTAL OF SECOND SUB-AREAS (ha) = 0.64
TOTAL OF ALL SUB-AREAS (ha) = 25.06
    
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SUMMARY OF CATCHMENT AND RAINFALL DATA											
Link Label	Catch. Area		Slope		% Impervious		Pern		B		Link No.
	#1 (ha)	#2	#1 (%)	#2 (%)	#1 (%)	#2 (%)	#1	#2	#1	#2	
WestRows	5.380	0.000	3.000	0.000	0.000	0.000	.020	0.00	.0270	0.000	1.000
WestTrees	3.824	0.000	2.720	0.000	0.000	0.000	.150	0.00	.1373	0.000	2.000
CentTrees	2.614	0.000	2.700	0.000	0.000	0.000	.150	0.00	.1131	0.000	3.000
CentRows	7.754	0.000	1.450	0.000	0.000	0.000	.020	0.00	.0470	0.000	3.001
StorArea	2.723	0.000	2.080	0.000	0.000	0.000	.020	0.00	.0228	0.000	4.000

Proposed Dam 2017

PropDam 2.131 0.6370 1.500 .0010 0.000 100.0 .045 .011 .0482 .0311 1.001

Link Label	Average Intensity (mm/h)	Init. Loss #1 (mm)	Loss #2	Cont. Loss #1 (mm/h)	Loss #2	Excess Rain #1 (mm)	Rain #2	Peak Inflow (m <sup>3</sup> /s)	Time to Peak	Link Lag mins
WestRows	115.32	1.500	0.000	0.000	0.000	84.986	0.000	2.656	25.00	0.000
WestTrees	115.32	10.00	0.000	3.000	0.000	74.486	0.000	0.4435	50.00	7.000
CentTrees	115.32	10.00	0.000	3.000	0.000	74.486	0.000	0.3404	50.00	1.000
CentRows	115.32	1.500	0.000	0.000	0.000	84.986	0.000	3.369	30.00	0.000
StorArea	115.32	10.00	0.000	3.000	0.000	74.486	0.000	1.232	25.00	5.000
PropDam	115.32	10.00	0.000	3.000	0.000	74.486	86.486	7.712	25.00	0.000

SUMMARY OF BASIN RESULTS

Link Label	Time to Peak	Peak Inflow (m <sup>3</sup> /s)	Time to Peak	Peak Outflow (m <sup>3</sup> /s)	Total Inflow (m <sup>3</sup> )	Basin Vol. Avail (m <sup>3</sup> )	Basin Vol. Used (m <sup>3</sup> )	Stage Used (m)
PropDam	25.00	7.712	60.00	2.143	17689.6	0.0000	76708.6	72.519

SUMMARY OF BASIN OUTLET RESULTS

Link Label	No. of	S/D Factor (m)	Dia (m)	Width (m)	Pipe Length (m)	Pipe Slope (%)
PropDam	1.0	1.000		0.000	600.00	0.5000

LINK WestRows 6.000

ESTIMATED VOLUME (CU METRES\*10\*\*3) = 5.100  
 ESTIMATED PEAK FLOW (CUMECS) = 3.0  
 ESTIMATED TIME TO PEAK (MINS) = 20.00

LINK WestTrees 6.000

ESTIMATED VOLUME (CU METRES\*10\*\*3) = 1.912  
 ESTIMATED PEAK FLOW (CUMECS) = 0.53  
 ESTIMATED TIME TO PEAK (MINS) = 50.00

LINK CentTrees 6.000

ESTIMATED VOLUME (CU METRES\*10\*\*3) = 1.424  
 ESTIMATED PEAK FLOW (CUMECS) = 0.41  
 ESTIMATED TIME TO PEAK (MINS) = 50.00

LINK CentRows 6.000

ESTIMATED VOLUME (CU METRES\*10\*\*3) = 8.676  
 ESTIMATED PEAK FLOW (CUMECS) = 3.8  
 ESTIMATED TIME TO PEAK (MINS) = 30.00

LINK StorArea 6.000

ESTIMATED VOLUME (CU METRES\*10\*\*3) = 2.296  
 ESTIMATED PEAK FLOW (CUMECS) = 1.4  
 ESTIMATED TIME TO PEAK (MINS) = 25.00

Proposed Dam 2017  
 LINK PropDam 6.000  
 ESTIMATED VOLUME (CU METRES\*10\*\*3) = 20.15  
 ESTIMATED PEAK FLOW (CUMECS) = 8.9  
 ESTIMATED TIME TO PEAK (MINS) = 25.00

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 NuGROW - Tardas Rd Composting Facility 2017  
 Results for period from 0:20.0 1/ 1/1998  
 to 1:50.0 1/ 1/1998  
 #####  
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ROUTING INCREMENT (MINS) = 5.00  
 STORM DURATION (MINS) = 45.  
 RETURN PERIOD (YRS) = 100.  
 BX = 1.0000  
 TOTAL OF FIRST SUB-AREAS (ha) = 24.43  
 TOTAL OF SECOND SUB-AREAS (ha) = 0.64  
 TOTAL OF ALL SUB-AREAS (ha) = 25.06

SUMMARY OF CATCHMENT AND RAINFALL DATA

Link Label	Catch. #1 (ha)	Area #2 (ha)	Slope #1 (%)	Slope #2 (%)	% Impervious #1 (%)	% Impervious #2 (%)	Pern #1	Pern #2	B #1	B #2	Link No.
WestRows	5.380	0.000	3.000	0.000	0.000	0.000	.020	0.00	.0270	0.000	1.000
WestTrees	3.824	0.000	2.720	0.000	0.000	0.000	.150	0.00	.1373	0.000	2.000
CentTrees	2.614	0.000	2.700	0.000	0.000	0.000	.150	0.00	.1131	0.000	3.000
CentRows	7.754	0.000	1.450	0.000	0.000	0.000	.020	0.00	.0470	0.000	3.001
StorArea	2.723	0.000	2.080	0.000	0.000	0.000	.020	0.00	.0228	0.000	4.000
PropDam	2.131	0.6370	1.500	.0010	0.000	100.0	.045	.011	.0482	.0311	1.001

Link Label	Average Intensity (mm/h)	Init. #1 (mm)	Loss #2	Cont. #1 (mm/h)	Loss #2	Excess #1 (mm)	Rain #2	Peak Inflow (m^3/s)	Time to Peak	Link Lag mins
WestRows	129.37	1.500	0.000	0.000	0.000	95.525	0.000	3.039	20.00	0.000
WestTrees	129.37	10.00	0.000	3.000	0.000	85.025	0.000	0.5326	50.00	7.000
CentTrees	129.37	10.00	0.000	3.000	0.000	85.025	0.000	0.4081	50.00	1.000
CentRows	129.37	1.500	0.000	0.000	0.000	95.525	0.000	3.836	30.00	0.000
StorArea	129.37	10.00	0.000	3.000	0.000	85.025	0.000	1.420	25.00	5.000
PropDam	129.37	10.00	0.000	3.000	0.000	85.025	97.025	8.927	25.00	0.000

SUMMARY OF BASIN RESULTS

Link Label	Time to Peak	Peak Inflow (m^3/s)	Time to Peak	Peak Outflow (m^3/s)	Total Inflow (m^3)	----- Basin Avail Vol. (m^3)	----- Basin Used Vol. (m^3)	Stage Used (m)
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PropDam 25.00 8.927 60.00 Proposed Dam 2017  
 2.549 20151.5 0.0000 78194.9 72.558

SUMMARY OF BASIN OUTLET RESULTS

Link Label	No. of	S/D Factor (m)	Dia (m)	width (m)	Pipe Length (m)	Pipe Slope (%)
PropDam	1.0	1.000		0.000	600.00	0.5000

LINK WestRows 7.000  
 ESTIMATED VOLUME (CU METRES\*10\*\*3) = 3.767  
 ESTIMATED PEAK FLOW (CUMECS) = 2.2  
 ESTIMATED TIME TO PEAK (MINS) = 30.00

LINK WestTrees 7.000  
 ESTIMATED VOLUME (CU METRES\*10\*\*3) = 1.516  
 ESTIMATED PEAK FLOW (CUMECS) = 0.32  
 ESTIMATED TIME TO PEAK (MINS) = 65.00

LINK CentTrees 7.000  
 ESTIMATED VOLUME (CU METRES\*10\*\*3) = 1.113  
 ESTIMATED PEAK FLOW (CUMECS) = 0.24  
 ESTIMATED TIME TO PEAK (MINS) = 60.00

LINK CentRows 7.000  
 ESTIMATED VOLUME (CU METRES\*10\*\*3) = 6.492  
 ESTIMATED PEAK FLOW (CUMECS) = 2.7  
 ESTIMATED TIME TO PEAK (MINS) = 35.00

LINK StorArea 7.000  
 ESTIMATED VOLUME (CU METRES\*10\*\*3) = 1.604  
 ESTIMATED PEAK FLOW (CUMECS) = 1.0  
 ESTIMATED TIME TO PEAK (MINS) = 30.00

LINK PropDam 7.000  
 ESTIMATED VOLUME (CU METRES\*10\*\*3) = 14.97  
 ESTIMATED PEAK FLOW (CUMECS) = 6.2  
 ESTIMATED TIME TO PEAK (MINS) = 35.00

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 NuGROW - Tardas Rd Composting Facility 2017  
 Results for period from 0:20.0 1/ 1/1998  
 to 2:20.0 1/ 1/1998  
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ROUTING INCREMENT (MINS) = 5.00  
 STORM DURATION (MINS) = 60.  
 RETURN PERIOD (YRS) = 10.  
 BX = 1.0000  
 TOTAL OF FIRST SUB-AREAS (ha) = 24.43  
 TOTAL OF SECOND SUB-AREAS (ha) = 0.64  
 TOTAL OF ALL SUB-AREAS (ha) = 25.06

Proposed Dam 2017

SUMMARY OF CATCHMENT AND RAINFALL DATA

Link Label	Catch. Area #1 (ha)	Area #2	Slope #1 (%)	Slope #2 (%)	% Impervious #1 (%)	% Impervious #2 (%)	Pern #1	Pern #2	B #1	B #2	Link No.
WestRows	5.380	0.000	3.000	0.000	0.000	0.000	.020	0.00	.0270	0.000	1.000
WestTrees	3.824	0.000	2.720	0.000	0.000	0.000	.150	0.00	.1373	0.000	2.000
CentTrees	2.614	0.000	2.700	0.000	0.000	0.000	.150	0.00	.1131	0.000	3.000
CentRows	7.754	0.000	1.450	0.000	0.000	0.000	.020	0.00	.0470	0.000	3.001
StorArea	2.723	0.000	2.080	0.000	0.000	0.000	.020	0.00	.0228	0.000	4.000
PropDam	2.131	0.6370	1.500	.0010	0.000	100.0	.045	.011	.0482	.0311	1.001

Link Label	Average Intensity (mm/h)	Init. Loss #1 (mm)	Loss #2	Cont. Loss #1 (mm/h)	Loss #2	Excess Rain #1 (mm)	Rain #2	Peak Inflow (m <sup>3</sup> /s)	Time to Peak	Link Lag mins
WestRows	71.855	1.500	0.000	0.000	0.000	70.355	0.000	2.158	30.00	0.000
WestTrees	71.855	10.00	0.000	3.000	0.000	59.355	0.000	0.3192	65.00	7.000
CentTrees	71.855	10.00	0.000	3.000	0.000	59.355	0.000	0.2433	60.00	1.000
CentRows	71.855	1.500	0.000	0.000	0.000	70.355	0.000	2.669	35.00	0.000
StorArea	71.855	10.00	0.000	3.000	0.000	59.355	0.000	1.001	30.00	5.000
PropDam	71.855	10.00	0.000	3.000	0.000	59.355	71.855	6.165	35.00	0.000

SUMMARY OF BASIN RESULTS

Link Label	Time to Peak	Peak Inflow	Time to Peak	Peak Outflow	Total Inflow	Basin Vol. Avail	Basin Vol. Used	Stage Used
	Peak (m <sup>3</sup> /s)	Peak (m <sup>3</sup> /s)	Peak (m <sup>3</sup> /s)	Peak (m <sup>3</sup> /s)	Peak (m <sup>3</sup> )	(m <sup>3</sup> )	(m <sup>3</sup> )	Used (m)
PropDam	35.00	6.164	70.00	1.559	14970.7	0.0000	74395.0	72.458

SUMMARY OF BASIN OUTLET RESULTS

Link Label	No. of	S/D Factor (m)	Dia (m)	Width (m)	Pipe Length (m)	Pipe Slope (%)
PropDam	1.0	1.000		0.000	600.00	0.5000

LINK WestRows 8.000  
 ESTIMATED VOLUME (CU METRES\*10\*\*3) = 5.206  
 ESTIMATED PEAK FLOW (CUMECS) = 2.8  
 ESTIMATED TIME TO PEAK (MINS) = 30.00

LINK WestTrees 8.000  
 ESTIMATED VOLUME (CU METRES\*10\*\*3) = 2.387  
 ESTIMATED PEAK FLOW (CUMECS) = 0.53  
 ESTIMATED TIME TO PEAK (MINS) = 65.00

LINK CentTrees 8.000

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Proposed Dam 2017
ESTIMATED VOLUME (CU METRES*10**3) = 1.730
ESTIMATED PEAK FLOW (CUMECS) = 0.40
ESTIMATED TIME TO PEAK (MINS) = 60.00

LINK CentRows 8.000

ESTIMATED VOLUME (CU METRES*10**3) = 9.180
ESTIMATED PEAK FLOW (CUMECS) = 3.7
ESTIMATED TIME TO PEAK (MINS) = 30.00

LINK StorArea 8.000

ESTIMATED VOLUME (CU METRES*10**3) = 2.329
ESTIMATED PEAK FLOW (CUMECS) = 1.4
ESTIMATED TIME TO PEAK (MINS) = 30.00

LINK PropDam 8.000

ESTIMATED VOLUME (CU METRES*10**3) = 21.40
ESTIMATED PEAK FLOW (CUMECS) = 8.7
ESTIMATED TIME TO PEAK (MINS) = 30.00
    
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####
NuGROW - Tardas Rd Composting Facility 2017
Results for period from 0:20.0 1/ 1/1998
to 2:20.0 1/ 1/1998
#####
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ROUTING INCREMENT (MINS) = 5.00
STORM DURATION (MINS) = 60.
RETURN PERIOD (YRS) = 50.
BX = 1.0000
TOTAL OF FIRST SUB-AREAS (ha) = 24.43
TOTAL OF SECOND SUB-AREAS (ha) = 0.64
TOTAL OF ALL SUB-AREAS (ha) = 25.06
    
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SUMMARY OF CATCHMENT AND RAINFALL DATA
Link Catch. Area Slope % Impervious Pern B Link
Label #1 #2 #1 #2 #1 #2 #1 #2 #1 #2 No.
(ha) (%) (mm/h) (mm/h) (mm) (mm) (m^3/s) Peak mins
WestRows 5.380 0.000 3.000 0.000 0.000 0.000 .020 0.00 .0270 0.000 1.000
WestTrees 3.824 0.000 2.720 0.000 0.000 0.000 .150 0.00 .1373 0.000 2.000
CentTrees 2.614 0.000 2.700 0.000 0.000 0.000 .150 0.00 .1131 0.000 3.000
CentRows 7.754 0.000 1.450 0.000 0.000 0.000 .020 0.00 .0470 0.000 3.001
StorArea 2.723 0.000 2.080 0.000 0.000 0.000 .020 0.00 .0228 0.000 4.000
PropDam 2.131 0.6370 1.500 .0010 0.000 100.0 .045 .011 .0482 .0311 1.001
    
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```

Link Average Init. Loss Cont. Loss Excess Rain Peak Time Link
Label Intensity #1 #2 #1 #2 #1 #2 Inflow to Lag
(mm/h) (mm) (mm/h) (mm/h) (mm) (mm) (m^3/s) Peak mins
WestRows 98.707 1.500 0.000 0.000 0.000 97.207 0.000 2.845 30.00 0.000
WestTrees 98.707 10.00 0.000 3.000 0.000 85.957 0.000 0.5271 65.00 7.000
    
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Proposed Dam 2017

CentTrees	98.707	10.00	0.000	3.000	0.000	85.957	0.000	0.4005	60.00	1.000
CentRows	98.707	1.500	0.000	0.000	0.000	97.207	0.000	3.744	30.00	0.000
StorArea	98.707	10.00	0.000	3.000	0.000	85.957	0.000	1.407	30.00	5.000
PropDam	98.707	10.00	0.000	3.000	0.000	85.957	98.707	8.683	30.00	0.000

SUMMARY OF BASIN RESULTS

Link Label	Time to Peak	Peak Inflow (m <sup>3</sup> /s)	Time to Peak	Peak Outflow (m <sup>3</sup> /s)	Total Inflow (m <sup>3</sup> )	Basin Vol. (m <sup>3</sup> ) Avail	Basin Vol. (m <sup>3</sup> ) Used	Stage Used (m)
PropDam	30.00	8.682	70.00	2.497	21404.7	0.0000	78010.3	72.553

SUMMARY OF BASIN OUTLET RESULTS

Link Label	No. of	S/D Factor (m)	Dia (m)	width (m)	Pipe Length (m)	Pipe Slope (%)
PropDam	1.0	1.000		0.000	600.00	0.5000

LINK WestRows 9.000  
 ESTIMATED VOLUME (CU METRES\*10\*\*3) = 5.858  
 ESTIMATED PEAK FLOW (CUMECS) = 3.2  
 ESTIMATED TIME TO PEAK (MINS) = 30.00

LINK WestTrees 9.000  
 ESTIMATED VOLUME (CU METRES\*10\*\*3) = 2.804  
 ESTIMATED PEAK FLOW (CUMECS) = 0.63  
 ESTIMATED TIME TO PEAK (MINS) = 60.00

LINK CentTrees 9.000  
 ESTIMATED VOLUME (CU METRES\*10\*\*3) = 2.024  
 ESTIMATED PEAK FLOW (CUMECS) = 0.48  
 ESTIMATED TIME TO PEAK (MINS) = 60.00

LINK CentRows 9.000  
 ESTIMATED VOLUME (CU METRES\*10\*\*3) = 10.41  
 ESTIMATED PEAK FLOW (CUMECS) = 4.3  
 ESTIMATED TIME TO PEAK (MINS) = 30.00

LINK StorArea 9.000  
 ESTIMATED VOLUME (CU METRES\*10\*\*3) = 2.660  
 ESTIMATED PEAK FLOW (CUMECS) = 1.6  
 ESTIMATED TIME TO PEAK (MINS) = 30.00

LINK PropDam 9.000  
 ESTIMATED VOLUME (CU METRES\*10\*\*3) = 24.36  
 ESTIMATED PEAK FLOW (CUMECS) = 10.  
 ESTIMATED TIME TO PEAK (MINS) = 30.00

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Proposed Dam 2017

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NuGROW - Tardas Rd Composting Facility 2017

Results for period from 0:20.0 1/ 1/1998  
to 2:20.0 1/ 1/1998

#####  
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ROUTING INCREMENT (MINS) = 5.00  
STORM DURATION (MINS) = 60.  
RETURN PERIOD (YRS) = 100.  
BX = 1.0000  
TOTAL OF FIRST SUB-AREAS (ha) = 24.43  
TOTAL OF SECOND SUB-AREAS (ha) = 0.64  
TOTAL OF ALL SUB-AREAS (ha) = 25.06

SUMMARY OF CATCHMENT AND RAINFALL DATA

Link Label	Catch. Area		Slope		% Impervious		Pern		B		Link No.
	#1 (ha)	#2	#1 (%)	#2	#1 (%)	#2	#1	#2	#1	#2	
WestRows	5.380	0.000	3.000	0.000	0.000	0.000	.020	0.00	.0270	0.000	1.000
WestTrees	3.824	0.000	2.720	0.000	0.000	0.000	.150	0.00	.1373	0.000	2.000
CentTrees	2.614	0.000	2.700	0.000	0.000	0.000	.150	0.00	.1131	0.000	3.000
CentRows	7.754	0.000	1.450	0.000	0.000	0.000	.020	0.00	.0470	0.000	3.001
StorArea	2.723	0.000	2.080	0.000	0.000	0.000	.020	0.00	.0228	0.000	4.000
PropDam	2.131	0.6370	1.500	.0010	0.000	100.0	.045	.011	.0482	.0311	1.001

Link Label	Average Intensity (mm/h)	Init. #1 (mm)	Loss #2	Cont. #1 (mm/h)	Loss #2	Excess #1 (mm)	Rain #2	Peak Inflow (m <sup>3</sup> /s)	Time to Peak (mins)	Link Lag (mins)
WestRows	110.87	1.500	0.000	0.000	0.000	109.37	0.000	3.203	30.00	0.000
WestTrees	110.87	10.00	0.000	3.000	0.000	98.117	0.000	0.6310	60.00	7.000
CentTrees	110.87	10.00	0.000	3.000	0.000	98.117	0.000	0.4776	60.00	1.000
CentRows	110.87	1.500	0.000	0.000	0.000	109.37	0.000	4.314	30.00	0.000
StorArea	110.87	10.00	0.000	3.000	0.000	98.117	0.000	1.600	30.00	5.000
PropDam	110.87	10.00	0.000	3.000	0.000	98.117	110.87	10.006	30.00	0.000

SUMMARY OF BASIN RESULTS

Link Label	Time to Peak (mins)	Peak Inflow (m <sup>3</sup> /s)	Time to Peak (mins)	Peak Outflow (m <sup>3</sup> /s)	Total Inflow (m <sup>3</sup> )	----- Basin ----- Vol. (m <sup>3</sup> ) Avail	Vol. (m <sup>3</sup> ) Used	Stage Used (m)
PropDam	30.00	10.01	70.00	2.957	24364.5	0.0000	79611.0	72.595

SUMMARY OF BASIN OUTLET RESULTS

Link Label	No. of	S/D Factor (m)	Dia (m)	width (m)	Pipe Length (m)	Pipe Slope (%)
PropDam	1.0	1.000		0.000	600.00	0.5000

Proposed Dam 2017

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LINK WestRows          10.000
ESTIMATED VOLUME (CU METRES*10**3) =          4.354
ESTIMATED PEAK FLOW      (CUMECS) =            1.7
ESTIMATED TIME TO PEAK   (MINS) =            40.00

LINK WestTrees          10.000
ESTIMATED VOLUME (CU METRES*10**3) =          2.203
ESTIMATED PEAK FLOW      (CUMECS) =            0.36
ESTIMATED TIME TO PEAK   (MINS) =            85.00

LINK CenTrees           10.000
ESTIMATED VOLUME (CU METRES*10**3) =          1.559
ESTIMATED PEAK FLOW      (CUMECS) =            0.27
ESTIMATED TIME TO PEAK   (MINS) =            80.00

LINK CentRows           10.000
ESTIMATED VOLUME (CU METRES*10**3) =          7.812
ESTIMATED PEAK FLOW      (CUMECS) =            2.4
ESTIMATED TIME TO PEAK   (MINS) =            40.00

LINK StorArea           10.000
ESTIMATED VOLUME (CU METRES*10**3) =          1.863
ESTIMATED PEAK FLOW      (CUMECS) =            0.86
ESTIMATED TIME TO PEAK   (MINS) =            40.00

LINK PropDam            10.000
ESTIMATED VOLUME (CU METRES*10**3) =          18.16
ESTIMATED PEAK FLOW      (CUMECS) =            5.6
ESTIMATED TIME TO PEAK   (MINS) =            45.00
    
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####
NuGROW - Tardas Rd Composting Facility 2017
Results for period from 0:20.0 1/ 1/1998
                      to 3:20.0 1/ 1/1998
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ROUTING INCREMENT (MINS) =      5.00
STORM DURATION (MINS)    =      90.
RETURN PERIOD (YRS)     =      10.
BX                        =      1.0000
TOTAL OF FIRST SUB-AREAS (ha) =      24.43
TOTAL OF SECOND SUB-AREAS (ha) =      0.64
TOTAL OF ALL SUB-AREAS (ha) =      25.06
    
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SUMMARY OF CATCHMENT AND RAINFALL DATA
Link  Catch. Area  Slope  % Impervious  Pern  B  Link
Label #1 #2 #1 #2 #1 #2 #1 #2 #1 #2 No.
      (ha) (%) (%)
WestRows 5.380 0.000 3.000 0.000 0.000 0.000 .020 0.00 .0270 0.000 1.000
WestTrees 3.824 0.000 2.720 0.000 0.000 0.000 .150 0.00 .1373 0.000 2.000
    
```

Proposed Dam 2017

CenTrees	2.614	0.000	2.700	0.000	0.000	0.000	.150	0.00	.1131	0.000	3.000
CentRows	7.754	0.000	1.450	0.000	0.000	0.000	.020	0.00	.0470	0.000	3.001
StorArea	2.723	0.000	2.080	0.000	0.000	0.000	.020	0.00	.0228	0.000	4.000
PropDam	2.131	0.6370	1.500	.0010	0.000	100.0	.045	.011	.0482	.0311	1.001

Link Label	Average Intensity (mm/h)	Init. #1 (mm)	Loss #2 (mm)	Cont. #1 (mm/h)	Loss #2 (mm/h)	Excess #1 (mm)	Rain #2 (mm)	Peak Inflow (m <sup>3</sup> /s)	Time to Peak	Link Lag (mins)
WestRows	55.111	1.500	0.000	0.000	0.000	81.166	0.000	1.748	40.00	0.000
WestTrees	55.111	10.00	0.000	3.000	0.000	68.666	0.000	0.3649	85.00	7.000
CenTrees	55.111	10.00	0.000	3.000	0.000	68.666	0.000	0.2726	80.00	1.000
CentRows	55.111	1.500	0.000	0.000	0.000	81.166	0.000	2.399	40.00	0.000
StorArea	55.111	10.00	0.000	3.000	0.000	68.666	0.000	0.8623	40.00	5.000
PropDam	55.111	10.00	0.000	3.000	0.000	68.666	82.666	5.556	45.00	0.000

SUMMARY OF BASIN RESULTS

Link Label	Time to Peak	Peak Inflow (m <sup>3</sup> /s)	Time to Peak	Peak Outflow (m <sup>3</sup> /s)	Total Inflow (m <sup>3</sup> )	Basin Vol. Avail (m <sup>3</sup> )	Basin Vol. Used (m <sup>3</sup> )	Stage Used (m)
PropDam	45.00	5.556	90.00	1.733	18159.3	0.0000	75108.1	72.477

SUMMARY OF BASIN OUTLET RESULTS

Link Label	No. of	S/D Factor (m)	Dia (m)	width (m)	Pipe Length (m)	Pipe Slope (%)
PropDam	1.0	1.000		0.000	600.00	0.5000

LINK WestRows 11.000  
 ESTIMATED VOLUME (CU METRES\*10\*\*3) = 6.077  
 ESTIMATED PEAK FLOW (CUMECS) = 2.3  
 ESTIMATED TIME TO PEAK (MINS) = 40.00

LINK WestTrees 11.000  
 ESTIMATED VOLUME (CU METRES\*10\*\*3) = 3.358  
 ESTIMATED PEAK FLOW (CUMECS) = 0.59  
 ESTIMATED TIME TO PEAK (MINS) = 80.00

LINK CentTrees 11.000  
 ESTIMATED VOLUME (CU METRES\*10\*\*3) = 2.358  
 ESTIMATED PEAK FLOW (CUMECS) = 0.44  
 ESTIMATED TIME TO PEAK (MINS) = 75.00

LINK CentRows 11.000  
 ESTIMATED VOLUME (CU METRES\*10\*\*3) = 11.09  
 ESTIMATED PEAK FLOW (CUMECS) = 3.2  
 ESTIMATED TIME TO PEAK (MINS) = 40.00



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Proposed Dam 2017
LINK StorArea          11.000
ESTIMATED VOLUME (CU METRES*10**3) = 2.732
ESTIMATED PEAK FLOW (CUMECS) = 1.1
ESTIMATED TIME TO PEAK (MINS) = 40.00

LINK PropDam           11.000
ESTIMATED VOLUME (CU METRES*10**3) = 26.06
ESTIMATED PEAK FLOW (CUMECS) = 7.5
ESTIMATED TIME TO PEAK (MINS) = 40.00
    
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####
NuGROW - Tardas Rd Composting Facility 2017
Results for period from 0:20.0 1/ 1/1998
                        to 3:20.0 1/ 1/1998
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ROUTING INCREMENT (MINS) = 5.00
STORM DURATION (MINS) = 90.
RETURN PERIOD (YRS) = 50.
BX = 1.0000
TOTAL OF FIRST SUB-AREAS (ha) = 24.43
TOTAL OF SECOND SUB-AREAS (ha) = 0.64
TOTAL OF ALL SUB-AREAS (ha) = 25.06
    
```

SUMMARY OF CATCHMENT AND RAINFALL DATA												
Link Label	Catch. Area		Slope		% Impervious		Pern		B		Link No.	
	#1	#2	#1	#2	#1	#2	#1	#2	#1	#2		
	(ha)		(%)		(%)							
WestRows	5.380	0.000	3.000	0.000	0.000	0.000	.020	0.00	.0270	0.000	1.000	
WestTrees	3.824	0.000	2.720	0.000	0.000	0.000	.150	0.00	.1373	0.000	2.000	
CentTrees	2.614	0.000	2.700	0.000	0.000	0.000	.150	0.00	.1131	0.000	3.000	
CentRows	7.754	0.000	1.450	0.000	0.000	0.000	.020	0.00	.0470	0.000	3.001	
StorArea	2.723	0.000	2.080	0.000	0.000	0.000	.020	0.00	.0228	0.000	4.000	
PropDam	2.131	0.6370	1.500	.0010	0.000	100.0	.045	.011	.0482	.0311	1.001	

Link Label	Average Intensity (mm/h)	Init. Loss		Cont. Loss		Excess Rain		Peak Inflow (m <sup>3</sup> /s)	Time to Peak	Link Lag
		#1 (mm)	#2	#1 (mm/h)	#2	#1 (mm)	#2			
WestRows	76.528	1.500	0.000	0.000	0.000	113.29	0.000	2.256	40.00	0.000
WestTrees	76.528	10.00	0.000	3.000	0.000	100.54	0.000	0.5918	80.00	7.000
CentTrees	76.528	10.00	0.000	3.000	0.000	100.54	0.000	0.4354	75.00	1.000
CentRows	76.528	1.500	0.000	0.000	0.000	113.29	0.000	3.225	40.00	0.000
StorArea	76.528	10.00	0.000	3.000	0.000	100.54	0.000	1.115	40.00	5.000
PropDam	76.528	10.00	0.000	3.000	0.000	100.54	114.79	7.453	40.00	0.000

Proposed Dam 2017

SUMMARY OF BASIN RESULTS

Link Label	Time to Peak	Peak Inflow (m <sup>3</sup> /s)	Time to Peak	Peak Outflow (m <sup>3</sup> /s)	Total Inflow (m <sup>3</sup> )	----- Vol. (m <sup>3</sup> ) Avail	Basin Vol. (m <sup>3</sup> ) Used	----- Stage Used (m)
PropDam	40.00	7.453	90.00	2.765	26061.1	0.0000	78954.2	72.578

SUMMARY OF BASIN OUTLET RESULTS

Link Label	No. of	S/D Factor (m)	Dia (m)	Width (m)	Pipe Length (m)	Pipe Slope (%)
PropDam	1.0	1.000		0.000	600.00	0.5000

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LINK WestRows          12.000
ESTIMATED VOLUME (CU METRES*10**3) =          6.863
ESTIMATED PEAK FLOW (CUMECS) =                2.6
ESTIMATED TIME TO PEAK (MINS) =              40.00

LINK WestTrees         12.000
ESTIMATED VOLUME (CU METRES*10**3) =          3.898
ESTIMATED PEAK FLOW (CUMECS) =                0.70
ESTIMATED TIME TO PEAK (MINS) =              80.00

LINK CentTrees         12.000
ESTIMATED VOLUME (CU METRES*10**3) =          2.730
ESTIMATED PEAK FLOW (CUMECS) =                0.51
ESTIMATED TIME TO PEAK (MINS) =              75.00

LINK CentRows         12.000
ESTIMATED VOLUME (CU METRES*10**3) =          12.60
ESTIMATED PEAK FLOW (CUMECS) =                3.7
ESTIMATED TIME TO PEAK (MINS) =              40.00

LINK StorArea         12.000
ESTIMATED VOLUME (CU METRES*10**3) =          3.130
ESTIMATED PEAK FLOW (CUMECS) =                1.3
ESTIMATED TIME TO PEAK (MINS) =              40.00

LINK PropDam          12.000
ESTIMATED VOLUME (CU METRES*10**3) =          29.69
ESTIMATED PEAK FLOW (CUMECS) =                8.5
ESTIMATED TIME TO PEAK (MINS) =              40.00
    
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####
NuGROW - Tardas Rd Composting Facility 2017
Results for period from 0:20.0 1/ 1/1998
to 3:20.0 1/ 1/1998
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ROUTING INCREMENT (MINS) = 5.00  
Page 19

Proposed Dam 2017  
 STORM DURATION (MINS) = 90.  
 RETURN PERIOD (YRS) = 100.  
 BX = 1.0000  
 TOTAL OF FIRST SUB-AREAS (ha) = 24.43  
 TOTAL OF SECOND SUB-AREAS (ha) = 0.64  
 TOTAL OF ALL SUB-AREAS (ha) = 25.06

SUMMARY OF CATCHMENT AND RAINFALL DATA

Link Label	Catch. Area		Slope		% Impervious		Pern		B		Link No.
	#1 (ha)	#2	#1 (%)	#2 (%)	#1 (%)	#2 (%)	#1	#2	#1	#2	
WestRows	5.380	0.000	3.000	0.000	0.000	0.000	.020	0.00	.0270	0.000	1.000
WestTrees	3.824	0.000	2.720	0.000	0.000	0.000	.150	0.00	.1373	0.000	2.000
CentTrees	2.614	0.000	2.700	0.000	0.000	0.000	.150	0.00	.1131	0.000	3.000
CentRows	7.754	0.000	1.450	0.000	0.000	0.000	.020	0.00	.0470	0.000	3.001
StorArea	2.723	0.000	2.080	0.000	0.000	0.000	.020	0.00	.0228	0.000	4.000
PropDam	2.131	0.6370	1.500	.0010	0.000	100.0	.045	.011	.0482	.0311	1.001

Link Label	Average Intensity (mm/h)	Init. Loss		Cont. Loss		Excess Rain		Peak Inflow (m <sup>3</sup> /s)	Time to Peak mins	Link Lag mins
		#1 (mm)	#2	#1 (mm/h)	#2	#1 (mm)	#2			
WestRows	86.297	1.500	0.000	0.000	0.000	127.95	0.000	2.560	40.00	0.000
WestTrees	86.297	10.00	0.000	3.000	0.000	115.20	0.000	0.6997	80.00	7.000
CentTrees	86.297	10.00	0.000	3.000	0.000	115.20	0.000	0.5144	75.00	1.000
CentRows	86.297	1.500	0.000	0.000	0.000	127.95	0.000	3.689	40.00	0.000
StorArea	86.297	10.00	0.000	3.000	0.000	115.20	0.000	1.266	40.00	5.000
PropDam	86.297	10.00	0.000	3.000	0.000	115.20	129.45	8.546	40.00	0.000

SUMMARY OF BASIN RESULTS

Link Label	Time to Peak	Peak Inflow (m <sup>3</sup> /s)	Time to Peak	Peak Outflow (m <sup>3</sup> /s)	Total Inflow (m <sup>3</sup> )	Basin		
						Vol. (m <sup>3</sup> ) Avail	Vol. (m <sup>3</sup> ) Used	Stage Used (m)
PropDam	40.00	8.546	90.00	3.265	29691.4	0.0000	80637.3	72.622

SUMMARY OF BASIN OUTLET RESULTS

Link Label	No. of	S/D Factor (m)	Dia (m)	width (m)	Pipe Length (m)	Pipe Slope (%)
PropDam	1.0	1.000		0.000	600.00	0.5000

LINK WestRows 13.000  
 ESTIMATED VOLUME (CU METRES\*10\*\*3) = 4.805  
 ESTIMATED PEAK FLOW (CUMECS) = 1.6  
 ESTIMATED TIME TO PEAK (MINS) = 40.00  
 LINK WestTrees 13.000

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Proposed Dam 2017
ESTIMATED VOLUME (CU METRES*10**3) = 2.627
ESTIMATED PEAK FLOW (CUMECS) = 0.37
ESTIMATED TIME TO PEAK (MINS) = 95.00

LINK CentTrees 13.000
ESTIMATED VOLUME (CU METRES*10**3) = 1.830
ESTIMATED PEAK FLOW (CUMECS) = 0.28
ESTIMATED TIME TO PEAK (MINS) = 90.00

LINK CentRows 13.000
ESTIMATED VOLUME (CU METRES*10**3) = 8.741
ESTIMATED PEAK FLOW (CUMECS) = 2.3
ESTIMATED TIME TO PEAK (MINS) = 45.00

LINK StorArea 13.000
ESTIMATED VOLUME (CU METRES*10**3) = 2.051
ESTIMATED PEAK FLOW (CUMECS) = 0.80
ESTIMATED TIME TO PEAK (MINS) = 40.00

LINK PropDam 13.000
ESTIMATED VOLUME (CU METRES*10**3) = 20.38
ESTIMATED PEAK FLOW (CUMECS) = 5.3
ESTIMATED TIME TO PEAK (MINS) = 45.00
    
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NuGROW - Tardas Rd Composting Facility 2017
Results for period from 0:20.0 1/ 1/1998
                        to 4:20.0 1/ 1/1998
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ROUTING INCREMENT (MINS) = 5.00
STORM DURATION (MINS) = 120.
RETURN PERIOD (YRS) = 10.
BX = 1.0000
TOTAL OF FIRST SUB-AREAS (ha) = 24.43
TOTAL OF SECOND SUB-AREAS (ha) = 0.64
TOTAL OF ALL SUB-AREAS (ha) = 25.06
    
```

SUMMARY OF CATCHMENT AND RAINFALL DATA											
Link Label	Catch. Area		Slope		% Impervious		Pern		B		Link No.
	#1 (ha)	#2	#1 (%)	#2 (%)	#1 (%)	#2 (%)	#1	#2	#1	#2	
WestRows	5.380	0.000	3.000	0.000	0.000	0.000	.020	0.00	.0270	0.000	1.000
WestTrees	3.824	0.000	2.720	0.000	0.000	0.000	.150	0.00	.1373	0.000	2.000
CentTrees	2.614	0.000	2.700	0.000	0.000	0.000	.150	0.00	.1131	0.000	3.000
CentRows	7.754	0.000	1.450	0.000	0.000	0.000	.020	0.00	.0470	0.000	3.001
StorArea	2.723	0.000	2.080	0.000	0.000	0.000	.020	0.00	.0228	0.000	4.000
PropDam	2.131	0.6370	1.500	.0010	0.000	100.0	.045	.011	.0482	.0311	1.001

Link Label	Average Intensity (mm/h)	Init. Loss		Proposed Dam 2017 Cont. Loss		Excess Rain		Peak Inflow (m <sup>3</sup> /s)	Time to Peak	Link Lag mins
		#1 (mm)	#2	#1 (mm/h)	#2	#1 (mm)	#2			
WestRows	45.477	1.500	0.000	0.000	0.000	89.454	0.000	1.645	40.00	0.000
WestTrees	45.477	10.00	0.000	3.000	0.000	75.454	0.000	0.3732	95.00	7.000
CentTrees	45.477	10.00	0.000	3.000	0.000	75.454	0.000	0.2751	90.00	1.000
CentRows	45.477	1.500	0.000	0.000	0.000	89.454	0.000	2.283	45.00	0.000
StorArea	45.477	10.00	0.000	3.000	0.000	75.454	0.000	0.8046	40.00	5.000
PropDam	45.477	10.00	0.000	3.000	0.000	75.454	90.954	5.333	45.00	0.000

SUMMARY OF BASIN RESULTS

Link Label	Time to Peak	Peak Inflow (m <sup>3</sup> /s)	Time to Peak	Peak Outflow (m <sup>3</sup> /s)	Total Inflow (m <sup>3</sup> )	Basin Vol. (m <sup>3</sup> ) Avail	Basin Vol. (m <sup>3</sup> ) Used	Stage Used (m)
PropDam	45.00	5.333	105.0	1.779	20376.1	0.0000	75294.2	72.482

SUMMARY OF BASIN OUTLET RESULTS

Link Label	No. of	S/D Factor (m)	Dia (m)	Width (m)	Pipe Length (m)	Pipe Slope (%)
PropDam	1.0	1.000		0.000	600.00	0.5000

LINK WestRows 14.000  
 ESTIMATED VOLUME (CU METRES\*10\*\*3) = 6.756  
 ESTIMATED PEAK FLOW (CUMECS) = 2.1  
 ESTIMATED TIME TO PEAK (MINS) = 40.00

LINK WestTrees 14.000  
 ESTIMATED VOLUME (CU METRES\*10\*\*3) = 3.977  
 ESTIMATED PEAK FLOW (CUMECS) = 0.59  
 ESTIMATED TIME TO PEAK (MINS) = 90.00

LINK CentTrees 14.000  
 ESTIMATED VOLUME (CU METRES\*10\*\*3) = 2.758  
 ESTIMATED PEAK FLOW (CUMECS) = 0.43  
 ESTIMATED TIME TO PEAK (MINS) = 85.00

LINK CentRows 14.000  
 ESTIMATED VOLUME (CU METRES\*10\*\*3) = 12.48  
 ESTIMATED PEAK FLOW (CUMECS) = 3.0  
 ESTIMATED TIME TO PEAK (MINS) = 45.00

LINK StorArea 14.000  
 ESTIMATED VOLUME (CU METRES\*10\*\*3) = 3.038  
 ESTIMATED PEAK FLOW (CUMECS) = 1.0  
 ESTIMATED TIME TO PEAK (MINS) = 40.00

LINK PropDam 14.000  
 ESTIMATED VOLUME (CU METRES\*10\*\*3) = 29.40  
 ESTIMATED PEAK FLOW (CUMECS) = 7.1

ESTIMATED TIME TO PEAK Proposed Dam 2017  
(MINS) = 45.00

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#####
####
NuGROW - Tardas Rd Composting Facility 2017
Results for period from 0:20.0 1/ 1/1998
                      to 4:20.0 1/ 1/1998
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ROUTING INCREMENT (MINS) = 5.00
STORM DURATION (MINS) = 120.
RETURN PERIOD (YRS) = 50.
BX = 1.0000
TOTAL OF FIRST SUB-AREAS (ha) = 24.43
TOTAL OF SECOND SUB-AREAS (ha) = 0.64
TOTAL OF ALL SUB-AREAS (ha) = 25.06
```

SUMMARY OF CATCHMENT AND RAINFALL DATA

Link Label	Catch. Area		Slope		% Impervious		Pern		B		Link No.
	#1 (ha)	#2	#1 (%)	#2	#1 (%)	#2	#1	#2	#1	#2	
WestRows	5.380	0.000	3.000	0.000	0.000	0.000	.020	0.00	.0270	0.000	1.000
WestTrees	3.824	0.000	2.720	0.000	0.000	0.000	.150	0.00	.1373	0.000	2.000
CentTrees	2.614	0.000	2.700	0.000	0.000	0.000	.150	0.00	.1131	0.000	3.000
CentRows	7.754	0.000	1.450	0.000	0.000	0.000	.020	0.00	.0470	0.000	3.001
StorArea	2.723	0.000	2.080	0.000	0.000	0.000	.020	0.00	.0228	0.000	4.000
PropDam	2.131	0.6370	1.500	.0010	0.000	100.0	.045	.011	.0482	.0311	1.001

Link Label	Average Intensity (mm/h)	Init. Loss		Cont. Loss		Excess Rain		Peak Inflow (m <sup>3</sup> /s)	Time to Peak	Link Lag (mins)
		#1 (mm)	#2	#1 (mm/h)	#2	#1 (mm)	#2			
WestRows	63.648	1.500	0.000	0.000	0.000	125.80	0.000	2.094	40.00	0.000
WestTrees	63.648	10.00	0.000	3.000	0.000	111.80	0.000	0.5944	90.00	7.000
CentTrees	63.648	10.00	0.000	3.000	0.000	111.80	0.000	0.4309	85.00	1.000
CentRows	63.648	1.500	0.000	0.000	0.000	125.80	0.000	3.021	45.00	0.000
StorArea	63.648	10.00	0.000	3.000	0.000	111.80	0.000	1.038	40.00	5.000
PropDam	63.648	10.00	0.000	3.000	0.000	111.80	127.30	7.095	45.00	0.000

SUMMARY OF BASIN RESULTS

Link Label	Time to Peak	Peak Inflow (m <sup>3</sup> /s)	Time to Peak	Peak Outflow (m <sup>3</sup> /s)	Total Inflow (m <sup>3</sup> )	Basin		
						Vol. (m <sup>3</sup> ) Avail	Vol. (m <sup>3</sup> ) Used	Stage Used (m)
PropDam	45.00	7.095	105.0	2.818	29404.2	0.0000	79139.1	72.583

SUMMARY OF BASIN OUTLET RESULTS

Proposed Dam 2017

Link Label	No. of	S/D Factor (m)	Dia (m)	Width (m)	Pipe Length (m)	Pipe Slope (%)
PropDam	1.0	1.000		0.000	600.00	0.5000

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LINK WestRows          15.000
ESTIMATED VOLUME (CU METRES*10**3) = 7.651
ESTIMATED PEAK FLOW (CUMECS) = 2.4
ESTIMATED TIME TO PEAK (MINS) = 40.00

LINK WestTrees         15.000
ESTIMATED VOLUME (CU METRES*10**3) = 4.600
ESTIMATED PEAK FLOW (CUMECS) = 0.70
ESTIMATED TIME TO PEAK (MINS) = 90.00

LINK CentTrees         15.000
ESTIMATED VOLUME (CU METRES*10**3) = 3.186
ESTIMATED PEAK FLOW (CUMECS) = 0.51
ESTIMATED TIME TO PEAK (MINS) = 80.00

LINK CentRows          15.000
ESTIMATED VOLUME (CU METRES*10**3) = 14.20
ESTIMATED PEAK FLOW (CUMECS) = 3.5
ESTIMATED TIME TO PEAK (MINS) = 45.00

LINK StorArea          15.000
ESTIMATED VOLUME (CU METRES*10**3) = 3.490
ESTIMATED PEAK FLOW (CUMECS) = 1.2
ESTIMATED TIME TO PEAK (MINS) = 40.00

LINK PropDam           15.000
ESTIMATED VOLUME (CU METRES*10**3) = 33.55
ESTIMATED PEAK FLOW (CUMECS) = 8.1
ESTIMATED TIME TO PEAK (MINS) = 45.00
    
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####
NuGROW - Tardas Rd Composting Facility 2017
Results for period from 0:20.0 1/ 1/1998
                      to 4:20.0 1/ 1/1998
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ROUTING INCREMENT (MINS) = 5.00
STORM DURATION (MINS) = 120.
RETURN PERIOD (YRS) = 100.
BX = 1.0000
TOTAL OF FIRST SUB-AREAS (ha) = 24.43
TOTAL OF SECOND SUB-AREAS (ha) = 0.64
TOTAL OF ALL SUB-AREAS (ha) = 25.06
    
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SUMMARY OF CATCHMENT AND RAINFALL DATA

Link	Catch. Area	Slope	% Impervious	Pern	B	Link
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Label	Proposed Dam 2017										No.
	#1 (ha)	#2	#1 (%)	#2 (%)	#1	#2	#1	#2	#1	#2	
WestRows	5.380	0.000	3.000	0.000	0.000	0.000	.020	0.00	.0270	0.000	1.000
WestTrees	3.824	0.000	2.720	0.000	0.000	0.000	.150	0.00	.1373	0.000	2.000
CentTrees	2.614	0.000	2.700	0.000	0.000	0.000	.150	0.00	.1131	0.000	3.000
CentRows	7.754	0.000	1.450	0.000	0.000	0.000	.020	0.00	.0470	0.000	3.001
StorArea	2.723	0.000	2.080	0.000	0.000	0.000	.020	0.00	.0228	0.000	4.000
PropDam	2.131	0.6370	1.500	.0010	0.000	100.0	.045	.011	.0482	.0311	1.001

Link Label	Average Intensity (mm/h)	Init. #1 (mm)	Loss #2	Cont. #1 (mm/h)	Loss #2	Excess #1 (mm)	Rain #2	Peak Inflow (m <sup>3</sup> /s)	Time to Peak	Link Lag mins
WestRows	71.978	1.500	0.000	0.000	0.000	142.46	0.000	2.384	40.00	0.000
WestTrees	71.978	10.00	0.000	3.000	0.000	128.46	0.000	0.6995	90.00	7.000
CentTrees	71.978	10.00	0.000	3.000	0.000	128.46	0.000	0.5075	80.00	1.000
CentRows	71.978	1.500	0.000	0.000	0.000	142.46	0.000	3.459	45.00	0.000
StorArea	71.978	10.00	0.000	3.000	0.000	128.46	0.000	1.182	40.00	5.000
PropDam	71.978	10.00	0.000	3.000	0.000	128.46	143.96	8.142	45.00	0.000

SUMMARY OF BASIN RESULTS

Link Label	Time to Peak	Peak Inflow (m <sup>3</sup> /s)	Time to Peak	Peak Outflow (m <sup>3</sup> /s)	Total Inflow (m <sup>3</sup> )	----- Basin ----- Vol. (m <sup>3</sup> ) Avail	Vol. (m <sup>3</sup> ) Used	Stage Used (m)
PropDam	45.00	8.141	100.0	3.323	33550.6	0.0000	80828.0	72.627

SUMMARY OF BASIN OUTLET RESULTS

Link Label	No. of	S/D Factor (m)	Dia (m)	Width (m)	Pipe Length (m)	Pipe Slope (%)
PropDam	1.0	1.000		0.000	600.00	0.5000

LINK WestRows 16.000  
 ESTIMATED VOLUME (CU METRES\*10\*\*3) = 5.495  
 ESTIMATED PEAK FLOW (CUMECS) = 1.4  
 ESTIMATED TIME TO PEAK (MINS) = 60.00

LINK WestTrees 16.000  
 ESTIMATED VOLUME (CU METRES\*10\*\*3) = 3.147  
 ESTIMATED PEAK FLOW (CUMECS) = 0.36  
 ESTIMATED TIME TO PEAK (MINS) = 110.00

LINK CentTrees 16.000  
 ESTIMATED VOLUME (CU METRES\*10\*\*3) = 2.169  
 ESTIMATED PEAK FLOW (CUMECS) = 0.26  
 ESTIMATED TIME TO PEAK (MINS) = 105.00

```

Proposed Dam 2017
LINK CentRows      16.000
ESTIMATED VOLUME (CU METRES*10**3) =      10.08
ESTIMATED PEAK FLOW (CUMECS) =            1.9
ESTIMATED TIME TO PEAK (MINS) =           65.00

LINK StorArea      16.000
ESTIMATED VOLUME (CU METRES*10**3) =      2.330
ESTIMATED PEAK FLOW (CUMECS) =            0.66
ESTIMATED TIME TO PEAK (MINS) =           60.00

LINK PropDam       16.000
ESTIMATED VOLUME (CU METRES*10**3) =      23.53
ESTIMATED PEAK FLOW (CUMECS) =            4.6
ESTIMATED TIME TO PEAK (MINS) =           65.00
    
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NUGROW - Tardas Rd Composting Facility 2017
    
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Results for period from 0:20.0 1/ 1/1998
                      to 6:20.0 1/ 1/1998
    
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ROUTING INCREMENT (MINS) =      5.00
STORM DURATION (MINS)    =     180.
RETURN PERIOD (YRS)     =       10.
BX                        =     1.0000
TOTAL OF FIRST SUB-AREAS (ha) =     24.43
TOTAL OF SECOND SUB-AREAS (ha) =      0.64
TOTAL OF ALL SUB-AREAS (ha) =     25.06
    
```

SUMMARY OF CATCHMENT AND RAINFALL DATA											
Link Label	Catch. Area		Slope		% Impervious		Pern		B		Link No.
	#1 (ha)	#2	#1 (%)	#2	#1 (%)	#2	#1	#2	#1	#2	
WestRows	5.380	0.000	3.000	0.000	0.000	0.000	.020	0.00	.0270	0.000	1.000
WestTrees	3.824	0.000	2.720	0.000	0.000	0.000	.150	0.00	.1373	0.000	2.000
CentTrees	2.614	0.000	2.700	0.000	0.000	0.000	.150	0.00	.1131	0.000	3.000
CentRows	7.754	0.000	1.450	0.000	0.000	0.000	.020	0.00	.0470	0.000	3.001
StorArea	2.723	0.000	2.080	0.000	0.000	0.000	.020	0.00	.0228	0.000	4.000
PropDam	2.131	0.6370	1.500	.0010	0.000	100.0	.045	.011	.0482	.0311	1.001

Link Label	Average Intensity (mm/h)	Init. Loss #1 (mm)	Loss #2	Cont. Loss #1 (mm/h)	Loss #2	Excess Rain #1 (mm)	Rain #2	Peak Inflow (m^3/s)	Time to Peak	Link Lag mins
WestRows	34.582	1.500	0.000	0.000	0.000	102.25	0.000	1.359	60.00	0.000
WestTrees	34.582	10.00	0.000	3.000	0.000	85.746	0.000	0.3611	110.0	7.000
CentTrees	34.582	10.00	0.000	3.000	0.000	85.746	0.000	0.2641	105.0	1.000
CentRows	34.582	1.500	0.000	0.000	0.000	102.25	0.000	1.906	65.00	0.000

Proposed Dam 2017

StorArea	34.582	10.00	0.000	3.000	0.000	85.746	0.000	0.6577	60.00	5.000
PropDam	34.582	10.00	0.000	3.000	0.000	85.746	103.75	4.555	65.00	0.000

SUMMARY OF BASIN RESULTS

Link Label	Time to Peak (m)	Peak Inflow (m <sup>3</sup> /s)	Time to Peak (m)	Peak Outflow (m <sup>3</sup> /s)	Total Inflow (m <sup>3</sup> )	Basin Vol. Avail (m <sup>3</sup> )	Basin Vol. Used (m <sup>3</sup> )	Stage Used (m)
PropDam	65.00	4.554	130.0	1.743	23525.1	0.0000	75148.3	72.478

SUMMARY OF BASIN OUTLET RESULTS

Link Label	No. of	S/D Factor (m)	Dia (m)	width (m)	Pipe Length (m)	Pipe Slope (%)
PropDam	1.0	1.000		0.000	600.00	0.5000

```

LINK WestRows          17.000
ESTIMATED VOLUME (CU METRES*10**3) =          7.812
ESTIMATED PEAK FLOW (CUMECS) =          1.8
ESTIMATED TIME TO PEAK (MINS) =          60.00

LINK WestTrees          17.000
ESTIMATED VOLUME (CU METRES*10**3) =          4.765
ESTIMATED PEAK FLOW (CUMECS) =          0.56
ESTIMATED TIME TO PEAK (MINS) =          105.00

LINK CentTrees          17.000
ESTIMATED VOLUME (CU METRES*10**3) =          3.278
ESTIMATED PEAK FLOW (CUMECS) =          0.40
ESTIMATED TIME TO PEAK (MINS) =          100.00

LINK CentRows          17.000
ESTIMATED VOLUME (CU METRES*10**3) =          14.53
ESTIMATED PEAK FLOW (CUMECS) =          2.5
ESTIMATED TIME TO PEAK (MINS) =          65.00

LINK StorArea          17.000
ESTIMATED VOLUME (CU METRES*10**3) =          3.497
ESTIMATED PEAK FLOW (CUMECS) =          0.86
ESTIMATED TIME TO PEAK (MINS) =          60.00

LINK PropDam          17.000
ESTIMATED VOLUME (CU METRES*10**3) =          34.26
ESTIMATED PEAK FLOW (CUMECS) =          6.1
ESTIMATED TIME TO PEAK (MINS) =          65.00
    
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NuGROW - Tardas Rd Composting Facility 2017
Results for period from 0:20.0 1/ 1/1998
Page 27
    
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Proposed Dam 2017

to 6:20.0 1/ 1/1998

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ROUTING INCREMENT (MINS) = 5.00  
 STORM DURATION (MINS) = 180.  
 RETURN PERIOD (YRS) = 50.  
 BX = 1.0000  
 TOTAL OF FIRST SUB-AREAS (ha) = 24.43  
 TOTAL OF SECOND SUB-AREAS (ha) = 0.64  
 TOTAL OF ALL SUB-AREAS (ha) = 25.06

SUMMARY OF CATCHMENT AND RAINFALL DATA

Link Label	Catch. Area		Slope		% Impervious		Pern		B		Link No.
	#1 (ha)	#2	#1 (%)	#2 (%)	#1 (%)	#2 (%)	#1	#2	#1	#2	
WestRows	5.380	0.000	3.000	0.000	0.000	0.000	.020	0.00	.0270	0.000	1.000
WestTrees	3.824	0.000	2.720	0.000	0.000	0.000	.150	0.00	.1373	0.000	2.000
CenTrees	2.614	0.000	2.700	0.000	0.000	0.000	.150	0.00	.1131	0.000	3.000
CentRows	7.754	0.000	1.450	0.000	0.000	0.000	.020	0.00	.0470	0.000	3.001
StorArea	2.723	0.000	2.080	0.000	0.000	0.000	.020	0.00	.0228	0.000	4.000
PropDam	2.131	0.6370	1.500	.0010	0.000	100.0	.045	.011	.0482	.0311	1.001

Link Label	Average Intensity	Init. #1	Loss #2	Cont. #1	Loss #2	Excess #1	Rain #2	Peak Inflow	Time to Peak	Link Lag
	(mm/h)	(mm)	(mm)	(mm/h)	(mm/h)	(mm)	(mm)	(m <sup>3</sup> /s)	mins	mins
WestRows	48.943	1.500	0.000	0.000	0.000	145.33	0.000	1.756	60.00	0.000
WestTrees	48.943	10.00	0.000	3.000	0.000	128.58	0.000	0.5564	105.0	7.000
CenTrees	48.943	10.00	0.000	3.000	0.000	128.58	0.000	0.4012	100.0	1.000
CentRows	48.943	1.500	0.000	0.000	0.000	145.33	0.000	2.534	65.00	0.000
StorArea	48.943	10.00	0.000	3.000	0.000	128.58	0.000	0.8589	60.00	5.000
PropDam	48.943	10.00	0.000	3.000	0.000	128.58	146.83	6.057	65.00	0.000

SUMMARY OF BASIN RESULTS

Link Label	Time to Peak	Peak Inflow	Time to Peak	Peak Outflow	Total Inflow	-----	Basin	-----
	Peak (m <sup>3</sup> /s)	(m <sup>3</sup> /s)	Peak (m <sup>3</sup> /s)	(m <sup>3</sup> /s)	(m <sup>3</sup> )	Vol. (m <sup>3</sup> ) Avail	Vol. (m <sup>3</sup> ) Used	Stage Used (m)
PropDam	65.00	6.056	125.0	2.692	34258.6	0.0000	78701.1	72.571

SUMMARY OF BASIN OUTLET RESULTS

Link Label	No. of	S/D Factor	Dia	width	Pipe Length	Pipe Slope
		(m)	(m)	(m)	(m)	(%)
PropDam	1.0	1.000		0.000	600.00	0.5000

LINK WestRows 18.000

```

Proposed Dam 2017
ESTIMATED VOLUME (CU METRES*10**3) = 8.882
ESTIMATED PEAK FLOW (CUMECS) = 2.0
ESTIMATED TIME TO PEAK (MINS) = 60.00

LINK WestTrees 18.000
ESTIMATED VOLUME (CU METRES*10**3) = 5.519
ESTIMATED PEAK FLOW (CUMECS) = 0.66
ESTIMATED TIME TO PEAK (MINS) = 105.00

LINK CenTrees 18.000
ESTIMATED VOLUME (CU METRES*10**3) = 3.794
ESTIMATED PEAK FLOW (CUMECS) = 0.47
ESTIMATED TIME TO PEAK (MINS) = 95.00

LINK CentRows 18.000
ESTIMATED VOLUME (CU METRES*10**3) = 16.59
ESTIMATED PEAK FLOW (CUMECS) = 2.9
ESTIMATED TIME TO PEAK (MINS) = 65.00

LINK StorArea 18.000
ESTIMATED VOLUME (CU METRES*10**3) = 4.037
ESTIMATED PEAK FLOW (CUMECS) = 0.99
ESTIMATED TIME TO PEAK (MINS) = 60.00

LINK PropDam 18.000
ESTIMATED VOLUME (CU METRES*10**3) = 39.23
ESTIMATED PEAK FLOW (CUMECS) = 7.0
ESTIMATED TIME TO PEAK (MINS) = 65.00
    
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####
NUGROW - Tardas Rd Composting Facility 2017
Results for period from 0:20.0 1/ 1/1998
to 6:20.0 1/ 1/1998
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ROUTING INCREMENT (MINS) = 5.00
STORM DURATION (MINS) = 180.
RETURN PERIOD (YRS) = 100.
BX = 1.0000
TOTAL OF FIRST SUB-AREAS (ha) = 24.43
TOTAL OF SECOND SUB-AREAS (ha) = 0.64
TOTAL OF ALL SUB-AREAS (ha) = 25.06
    
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SUMMARY OF CATCHMENT AND RAINFALL DATA
Link Catch. Area Slope % Impervious Pern B Link
Label #1 #2 #1 #2 #1 #2 #1 #2 #1 #2 #2 Link
(ha) (ha) (%) (%) (%) (%) (%) (%) (%) (%) No.
WestRows 5.380 0.000 3.000 0.000 0.000 0.000 .020 0.00 .0270 0.000 1.000
WestTrees 3.824 0.000 2.720 0.000 0.000 0.000 .150 0.00 .1373 0.000 2.000
CenTrees 2.614 0.000 2.700 0.000 0.000 0.000 .150 0.00 .1131 0.000 3.000
CentRows 7.754 0.000 1.450 0.000 0.000 0.000 .020 0.00 .0470 0.000 3.001
    
```

Proposed Dam 2017											
StorArea	2.723	0.000	2.080	0.000	0.000	0.000	.020	0.00	.0228	0.000	4.000
PropDam	2.131	0.6370	1.500	.0010	0.000	100.0	.045	.011	.0482	.0311	1.001

Link Label	Average Intensity (mm/h)	Init. #1 (mm)	Loss #2	Cont. #1 (mm/h)	Loss #2	Excess #1 (mm)	Rain #2	Peak Inflow (m <sup>3</sup> /s)	Time to Peak	Link Lag (mins)
WestRows	55.576	1.500	0.000	0.000	0.000	165.23	0.000	2.013	60.00	0.000
WestTrees	55.576	10.00	0.000	3.000	0.000	148.48	0.000	0.6562	105.0	7.000
CentTrees	55.576	10.00	0.000	3.000	0.000	148.48	0.000	0.4738	95.00	1.000
CentRows	55.576	1.500	0.000	0.000	0.000	165.23	0.000	2.921	65.00	0.000
StorArea	55.576	10.00	0.000	3.000	0.000	148.48	0.000	0.9883	60.00	5.000
PropDam	55.576	10.00	0.000	3.000	0.000	148.48	166.73	6.981	65.00	0.000

SUMMARY OF BASIN RESULTS

Link Label	Time to Peak	Peak Inflow	Time to Peak	Peak Outflow	Total Inflow	Basin Vol. Avail	Basin Vol. Used	Stage Used
	(mins)	(m <sup>3</sup> /s)	(mins)	(m <sup>3</sup> /s)	(m <sup>3</sup> )	(m <sup>3</sup> )	(m <sup>3</sup> )	(m)
PropDam	65.00	6.980	120.0	3.182	39229.4	0.0000	80366.5	72.615

SUMMARY OF BASIN OUTLET RESULTS

Link Label	No. of	S/D Factor	Dia (m)	width (m)	Pipe Length (m)	Pipe Slope (%)
PropDam	1.0	1.000		0.000	600.00	0.5000

LINK WestRows 19.000  
 ESTIMATED VOLUME (CU METRES\*10\*\*3) = 6.273  
 ESTIMATED PEAK FLOW (CUMECS) = 1.3  
 ESTIMATED TIME TO PEAK (MINS) = 60.00

LINK WestTrees 19.000  
 ESTIMATED VOLUME (CU METRES\*10\*\*3) = 3.595  
 ESTIMATED PEAK FLOW (CUMECS) = 0.32  
 ESTIMATED TIME TO PEAK (MINS) = 110.00

LINK CentTrees 19.000  
 ESTIMATED VOLUME (CU METRES\*10\*\*3) = 2.466  
 ESTIMATED PEAK FLOW (CUMECS) = 0.24  
 ESTIMATED TIME TO PEAK (MINS) = 105.00

LINK CentRows 19.000  
 ESTIMATED VOLUME (CU METRES\*10\*\*3) = 11.50  
 ESTIMATED PEAK FLOW (CUMECS) = 1.8  
 ESTIMATED TIME TO PEAK (MINS) = 60.00

LINK StorArea 19.000  
 ESTIMATED VOLUME (CU METRES\*10\*\*3) = 2.602  
 ESTIMATED PEAK FLOW (CUMECS) = 0.61

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ESTIMATED TIME TO PEAK          Proposed Dam 2017
                                (MINS) =          60.00

LINK PropDam                    19.000

ESTIMATED VOLUME (CU METRES*10**3) =          26.75
ESTIMATED PEAK FLOW             (CUMECS) =          4.2
ESTIMATED TIME TO PEAK          (MINS) =          60.00
    
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####
NuGROW - Tardas Rd Composting Facility 2017

Results for period from 0:20.0 1/ 1/1998
                       to 9:20.0 1/ 1/1998
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ROUTING INCREMENT (MINS) =          5.00
STORM DURATION (MINS)    =          270.
RETURN PERIOD (YRS)     =          10.
BX                       =          1.0000
TOTAL OF FIRST SUB-AREAS (ha) =          24.43
TOTAL OF SECOND SUB-AREAS (ha) =          0.64
TOTAL OF ALL SUB-AREAS (ha) =          25.06
    
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SUMMARY OF CATCHMENT AND RAINFALL DATA

Link Label	Catch. Area		Slope		% Impervious		Pern		B		Link No.
	#1 (ha)	#2	#1 (%)	#2 (%)	#1 (%)	#2 (%)	#1	#2	#1	#2	
WestRows	5.380	0.000	3.000	0.000	0.000	0.000	.020	0.00	.0270	0.000	1.000
WestTrees	3.824	0.000	2.720	0.000	0.000	0.000	.150	0.00	.1373	0.000	2.000
CentTrees	2.614	0.000	2.700	0.000	0.000	0.000	.150	0.00	.1131	0.000	3.000
CentRows	7.754	0.000	1.450	0.000	0.000	0.000	.020	0.00	.0470	0.000	3.001
StorArea	2.723	0.000	2.080	0.000	0.000	0.000	.020	0.00	.0228	0.000	4.000
PropDam	2.131	0.6370	1.500	.0010	0.000	100.0	.045	.011	.0482	.0311	1.001

Link Label	Average Intensity (mm/h)	Init. Loss		Cont. Loss		Excess Rain		Peak Inflow (m <sup>3</sup> /s)	Time to Peak	Link Lag mins
		#1 (mm)	#2	#1 (mm/h)	#2	#1 (mm)	#2			
WestRows	26.264	1.500	0.000	0.000	0.000	116.69	0.000	1.265	60.00	0.000
WestTrees	26.264	10.00	0.000	3.000	0.000	95.686	0.000	0.3205	110.0	7.000
CentTrees	26.264	10.00	0.000	3.000	0.000	95.686	0.000	0.2355	105.0	1.000
CentRows	26.264	1.500	0.000	0.000	0.000	116.69	0.000	1.816	60.00	0.000
StorArea	26.264	10.00	0.000	3.000	0.000	95.686	0.000	0.6149	60.00	5.000
PropDam	26.264	10.00	0.000	3.000	0.000	95.686	118.19	4.210	60.00	0.000

SUMMARY OF BASIN RESULTS

Link	Time	Peak	Time	Peak	Total	----- Basin -----
------	------	------	------	------	-------	-------------------



Proposed Dam 2017								
Label	to Peak	Inflow (m <sup>3</sup> /s)	to Peak	Outflow (m <sup>3</sup> /s)	Inflow (m <sup>3</sup> )	Vol. Avail (m <sup>3</sup> )	Vol. Used (m <sup>3</sup> )	Stage Used (m)
PropDam	60.00	4.209	125.0	1.545	26754.5	0.0000	74334.1	72.456

SUMMARY OF BASIN OUTLET RESULTS

Link Label	No. of	S/D Factor (m)	Dia (m)	Width (m)	Pipe Length (m)	Pipe Slope (%)
PropDam	1.0	1.000		0.000	600.00	0.5000
LINK WestRows 20.000						
ESTIMATED VOLUME (CU METRES*10**3) =						9.014
ESTIMATED PEAK FLOW (CUMECS) =						1.6
ESTIMATED TIME TO PEAK (MINS) =						60.00
LINK WestTrees 20.000						
ESTIMATED VOLUME (CU METRES*10**3) =						5.535
ESTIMATED PEAK FLOW (CUMECS) =						0.49
ESTIMATED TIME TO PEAK (MINS) =						105.00
LINK CentTrees 20.000						
ESTIMATED VOLUME (CU METRES*10**3) =						3.793
ESTIMATED PEAK FLOW (CUMECS) =						0.36
ESTIMATED TIME TO PEAK (MINS) =						105.00
LINK CentRows 20.000						
ESTIMATED VOLUME (CU METRES*10**3) =						16.78
ESTIMATED PEAK FLOW (CUMECS) =						2.4
ESTIMATED TIME TO PEAK (MINS) =						60.00
LINK StorArea 20.000						
ESTIMATED VOLUME (CU METRES*10**3) =						3.989
ESTIMATED PEAK FLOW (CUMECS) =						0.79
ESTIMATED TIME TO PEAK (MINS) =						60.00
LINK PropDam 20.000						
ESTIMATED VOLUME (CU METRES*10**3) =						39.51
ESTIMATED PEAK FLOW (CUMECS) =						5.6
ESTIMATED TIME TO PEAK (MINS) =						60.00

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####
NuGROW - Tardas Rd Composting Facility 2017
Results for period from 0:20.0 1/ 1/1998
                      to 9:20.0 1/ 1/1998
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ROUTING INCREMENT (MINS) = 5.00
STORM DURATION (MINS) = 270.
RETURN PERIOD (YRS) = 50.
BX = 1.0000
TOTAL OF FIRST SUB-AREAS (ha) = 24.43
```

Proposed Dam 2017  
 TOTAL OF SECOND SUB-AREAS (ha) = 0.64  
 TOTAL OF ALL SUB-AREAS (ha) = 25.06

SUMMARY OF CATCHMENT AND RAINFALL DATA

Link Label	Catch. Area		Slope		% Impervious		Pern		B		Link No.
	#1 (ha)	#2	#1 (%)	#2 (%)	#1 (%)	#2 (%)	#1	#2	#1	#2	
WestRows	5.380	0.000	3.000	0.000	0.000	0.000	.020	0.00	.0270	0.000	1.000
WestTrees	3.824	0.000	2.720	0.000	0.000	0.000	.150	0.00	.1373	0.000	2.000
CenTrees	2.614	0.000	2.700	0.000	0.000	0.000	.150	0.00	.1131	0.000	3.000
CentRows	7.754	0.000	1.450	0.000	0.000	0.000	.020	0.00	.0470	0.000	3.001
StorArea	2.723	0.000	2.080	0.000	0.000	0.000	.020	0.00	.0228	0.000	4.000
PropDam	2.131	0.6370	1.500	.0010	0.000	100.0	.045	.011	.0482	.0311	1.001

Link Label	Average Intensity (mm/h)	Init. Loss (mm)		Cont. Loss (mm/h)		Excess Rain (mm)		Peak Inflow (m <sup>3</sup> /s)	Time to Peak (mins)	Link Lag (mins)
		#1	#2	#1	#2	#1	#2			
WestRows	37.590	1.500	0.000	0.000	0.000	167.65	0.000	1.608	60.00	0.000
WestTrees	37.590	10.00	0.000	3.000	0.000	146.65	0.000	0.4928	105.0	7.000
CenTrees	37.590	10.00	0.000	3.000	0.000	146.65	0.000	0.3572	105.0	1.000
CentRows	37.590	1.500	0.000	0.000	0.000	167.65	0.000	2.392	60.00	0.000
StorArea	37.590	10.00	0.000	3.000	0.000	146.65	0.000	0.7877	60.00	5.000
PropDam	37.590	10.00	0.000	3.000	0.000	146.65	169.15	5.586	60.00	0.000

SUMMARY OF BASIN RESULTS

Link Label	Time to Peak (mins)	Peak Inflow (m <sup>3</sup> /s)	Time to Peak (mins)	Peak Outflow (m <sup>3</sup> /s)	Total Inflow (m <sup>3</sup> )	Basin		
						Vol. Avail. (m <sup>3</sup> )	Vol. Used (m <sup>3</sup> )	Stage Used (m)
PropDam	60.00	5.585	125.0	2.364	39508.3	0.0000	77528.9	72.540

SUMMARY OF BASIN OUTLET RESULTS

Link Label	No. of	S/D Factor (m)	Dia (m)	width (m)	Pipe Length (m)	Pipe Slope (%)
PropDam	1.0	1.000		0.000	600.00	0.5000

LINK WestRows 21.000  
 ESTIMATED VOLUME (CU METRES\*10\*\*3) = 10.29  
 ESTIMATED PEAK FLOW (CUMECS) = 1.8  
 ESTIMATED TIME TO PEAK (MINS) = 60.00

LINK WestTrees 21.000  
 ESTIMATED VOLUME (CU METRES\*10\*\*3) = 6.429  
 ESTIMATED PEAK FLOW (CUMECS) = 0.59  
 ESTIMATED TIME TO PEAK (MINS) = 105.00

```

Proposed Dam 2017
LINK CentTrees          21.000
ESTIMATED VOLUME (CU METRES*10**3) = 4.405
ESTIMATED PEAK FLOW (CUMECS) = 0.42
ESTIMATED TIME TO PEAK (MINS) = 100.00

LINK CentRows          21.000
ESTIMATED VOLUME (CU METRES*10**3) = 19.23
ESTIMATED PEAK FLOW (CUMECS) = 2.8
ESTIMATED TIME TO PEAK (MINS) = 60.00

LINK StorArea          21.000
ESTIMATED VOLUME (CU METRES*10**3) = 4.628
ESTIMATED PEAK FLOW (CUMECS) = 0.91
ESTIMATED TIME TO PEAK (MINS) = 60.00

LINK PropDam          21.000
ESTIMATED VOLUME (CU METRES*10**3) = 45.42
ESTIMATED PEAK FLOW (CUMECS) = 6.5
ESTIMATED TIME TO PEAK (MINS) = 60.00
    
```

```

#####
####
NuGROW - Tardas Rd Composting Facility 2017
Results for period from 0:20.0 1/ 1/1998
                      to 9:20.0 1/ 1/1998
#####
####
    
```

```

ROUTING INCREMENT (MINS) = 5.00
STORM DURATION (MINS) = 270.
RETURN PERIOD (YRS) = 100.
BX = 1.0000
TOTAL OF FIRST SUB-AREAS (ha) = 24.43
TOTAL OF SECOND SUB-AREAS (ha) = 0.64
TOTAL OF ALL SUB-AREAS (ha) = 25.06
    
```

SUMMARY OF CATCHMENT AND RAINFALL DATA											
Link Label	Catch. Area	Slope		% Impervious		Pern		B		Link No.	
	#1 #2	#1 #2	#1 #2	#1 #2	#1 #2	#1 #2	#1 #2	#1 #2	#1 #2		
	(ha)		(%)	(%)	(%)						
WestRows	5.380 0.000	3.000 0.000	0.000 0.000	0.000 0.000	.020 0.00	.0270 0.000	1.000				
WestTrees	3.824 0.000	2.720 0.000	0.000 0.000	0.000 0.000	.150 0.00	.1373 0.000	2.000				
CentTrees	2.614 0.000	2.700 0.000	0.000 0.000	0.000 0.000	.150 0.00	.1131 0.000	3.000				
CentRows	7.754 0.000	1.450 0.000	0.000 0.000	0.000 0.000	.020 0.00	.0470 0.000	3.001				
StorArea	2.723 0.000	2.080 0.000	0.000 0.000	0.000 0.000	.020 0.00	.0228 0.000	4.000				
PropDam	2.131 0.6370	1.500 .0010	0.000 100.0	0.000 100.0	.045 .011	.0482 .0311	1.001				

Link Label	Average Intensity	Init. Loss	Cont. Loss	Excess Rain	Peak Inflow	Time to Peak	Link Lag
	(mm/h)	#1 #2 (mm)	#1 #2 (mm/h)	#1 #2 (mm)	(m <sup>3</sup> /s)	mins	
WestRows	42.859	1.500 0.000	0.000 0.000	191.37 0.000	1.840	60.00	0.000

## Proposed Dam 2017

WestTrees	42.859	10.00	0.000	3.000	0.000	170.12	0.000	0.5876	105.0	7.000
CentTrees	42.859	10.00	0.000	3.000	0.000	170.12	0.000	0.4236	100.0	1.000
CentRows	42.859	1.500	0.000	0.000	0.000	191.37	0.000	2.765	60.00	0.000
StorArea	42.859	10.00	0.000	3.000	0.000	170.12	0.000	0.9055	60.00	5.000
PropDam	42.859	10.00	0.000	3.000	0.000	170.12	192.87	6.472	60.00	0.000

## SUMMARY OF BASIN RESULTS

Link Label	Time to Peak	Peak Inflow (m <sup>3</sup> /s)	Time to Peak	Peak Outflow (m <sup>3</sup> /s)	Total Inflow (m <sup>3</sup> )	----- Vol. (m <sup>3</sup> ) Avail	Basin Vol. (m <sup>3</sup> ) Used	----- Stage Used (m)
PropDam	60.00	6.472	120.0	2.818	45417.5	0.0000	79136.0	72.583

## SUMMARY OF BASIN OUTLET RESULTS

Link Label	No. of	S/D Factor (m)	Dia (m)	Width (m)	Pipe Length (m)	Pipe Slope (%)
PropDam	1.0	1.000		0.000	600.00	0.5000

Run completed at: 14th November 2017 15:54:15

GHD



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Document Status

Revision	Author	Reviewer		Approved for Issue		
		Name	Signature	Name	Signature	Date
0	R. Beimers	P. Hirst		P Hirst		17.11.17

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

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Document Status

Revision	Author	Reviewer		Approved for Issue		
		Name	Signature	Name	Signature	Date
0	E.Cornelius	A.Colella		A.Colella		08/11/17
1	E.Cornelius	S.Wilson		A.Colella		23/01/18



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**From:** [Sarah Wilson](#)  
**To:** [Development](#); [Erin Clark](#)  
**Cc:** [peterthompson@nugrow.com.au](mailto:peterthompson@nugrow.com.au)  
**Subject:** Tardas Road Compost Facility, Gregory River - Request for Change Application Ref: 526.2017.16.1 - response to information request Email 2 of 2  
**Date:** Thursday, 25 January 2018 4:20:08 PM  
**Attachments:** [19 Tardas Rd Gregory River SBMP\\_Rev1.pdf](#)

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Hi Erin

Further to my email please find attached a copy of updated Site Based Management Plan in response to Council's information request dated 12 December 2017 in relation to the change application – other (high impact industry) associated with a proposed compost facility located at 19 Tardas Road, Gregory River (Ref: 526.2017.16.1).

Kind regards

**Sarah Wilson**

**Senior Town Planner**

**GHD**

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**Item****22 May 2018****Item Number:**

S1

**File Number:**

.

**Part:**STRATEGIC PROJECTS &  
ECONOMIC DEVELOPMENT**Portfolio:**

Executive Services

**Subject:**

Christsen Park, Bargara

**Report Author:**

Nathan Powell, Property Leasing Officer

**Authorised by:**

Ben Artup, Executive Director Strategic Projects &amp; Economic Development Co-ordination

**Link to Corporate Plan:**

Our Community - 1.2 A dynamic and vibrant region that attracts and supports innovation, creative enterprise and economic development.

**Background:**

Since completing the improvements to Christsen Park (the park), Bargara (Lot 27 on SP286384) numerous enquiries have been received to operate a mobile food services on site to service users of the park. It is considered that this type of business, if done well, could enhance the use of the park, make it more vibrant, and provide for an improved visitor experience.

By way of correspondence dated 22 November 2017, a formal request was received that Council consider entering into a lease over a suitable location in the park area to provide a mobile food service to its users. The request was for an initial term of 18 to 24 months with a renewal option for a further 5 years.

Under the *Local Government Regulation 2012* section 227, Council must first invite written tenders in accordance with section 228 before it enters into a valuable non-current asset contract. The disposal of a lease is considered a valuable non-current asset contract. It is recommended the tender process selection criteria places value on aesthetics and style of vendor, has strict limitations on advertising and placement of standalone signs, and banners and be a temporary transportable shop that is removed each day and the requirement to undertake a litter run each afternoon before leaving the site.

**State Requirements:**

Lot 27 on SP286384 is a Reserve set aside for Park and Recreation purposes. The use of park land for commercial activity will be "Secondary use of trust land" under the *Land Act 1994*, and any trustee lease for a secondary purposes requires approval from the state. There may also be a need to develop and implement a Land Management Plan, which can take extensive time and resources to develop and complete community and stakeholder engagement.

It may be preferable for Council to consider a trustee permit to occupy (PTO) rather than a formal lease. A PTO can be for a maximum term of 3 years, does not require approval by the state and is a right to occupy the land not an interest in the land. Noting that under the *Land Act 1994* a PTO over 12 months does require registration on title.

**Other matters considered:**

The option to locate the mobile food service outside of the Park on the Esplanade beside the large old shelter to the south west was considered. However this raised user safety concerns particularly children crossing the road and running through the car park to get refreshments.

Adjoining residential properties which overlook the indicative site were also considered. The site chosen does not have a direct impact on the view of adjoining residences, however it will be prudent for the selection criteria to value aesthetics and style of vendor (Photos attached).

Given Bargara's main shops are approximately 600 m from the proposed site, a mobile food service at the park is not considered direct competition due to the lengthy walk and type of food proposed to be offered.

The Mayor and senior Council staff consulted with representatives of the Bargara Golf Club in the preparation of this report. At this meeting the Bargara Golf Club identified no major issues with potential establishment of a mobile food service in the park. Indeed the Golf Club recognised differences between patrons to the club, and those that would potentially use mobile food van services on an occasional basis.

Subsequent to this consultation, the Bargara Golf Club advised of its intention to apply for the proposed lease, should Council decide to invite written tenders.

**Associated Person/Organization:**

Department of Natural Resources, Mines and Energy

**Consultation:**

Portfolio Spokesperson: Mayor Jack Dempsey

Divisional Councillor: Cr Greg Barnes

Manager Development Assessment: Richard Jenner

Manager Parks, Sports & Natural Areas: Geordie Lascelles

President of Bargara Golf Club: Don McKewen

**Chief Legal Officer's Comments:**

Calling for a tender in this matter is appropriate given the level of interest, the potential commerciality, potential competition and high level public exposure.

As outlined in the Report, a secondary use of trust land requires either a lease or a permit. In this instance a permit is the preferable option. A lease provides the lessee with exclusive rights of occupation and an interest in the land. A permit does not and is therefore more appropriate in this instance.

The activity of undertaking commercial mobile food vending on local government controlled areas will also require a local law approval.

**Policy Implications:**

There appear to be no policy implications.

**Financial and Resource Implications:**

There appear to be no financial or resource implications.

**Risk Management Implications:**

There appears to be no risk management implications.

**Communications Strategy:**

Communications Team consulted.

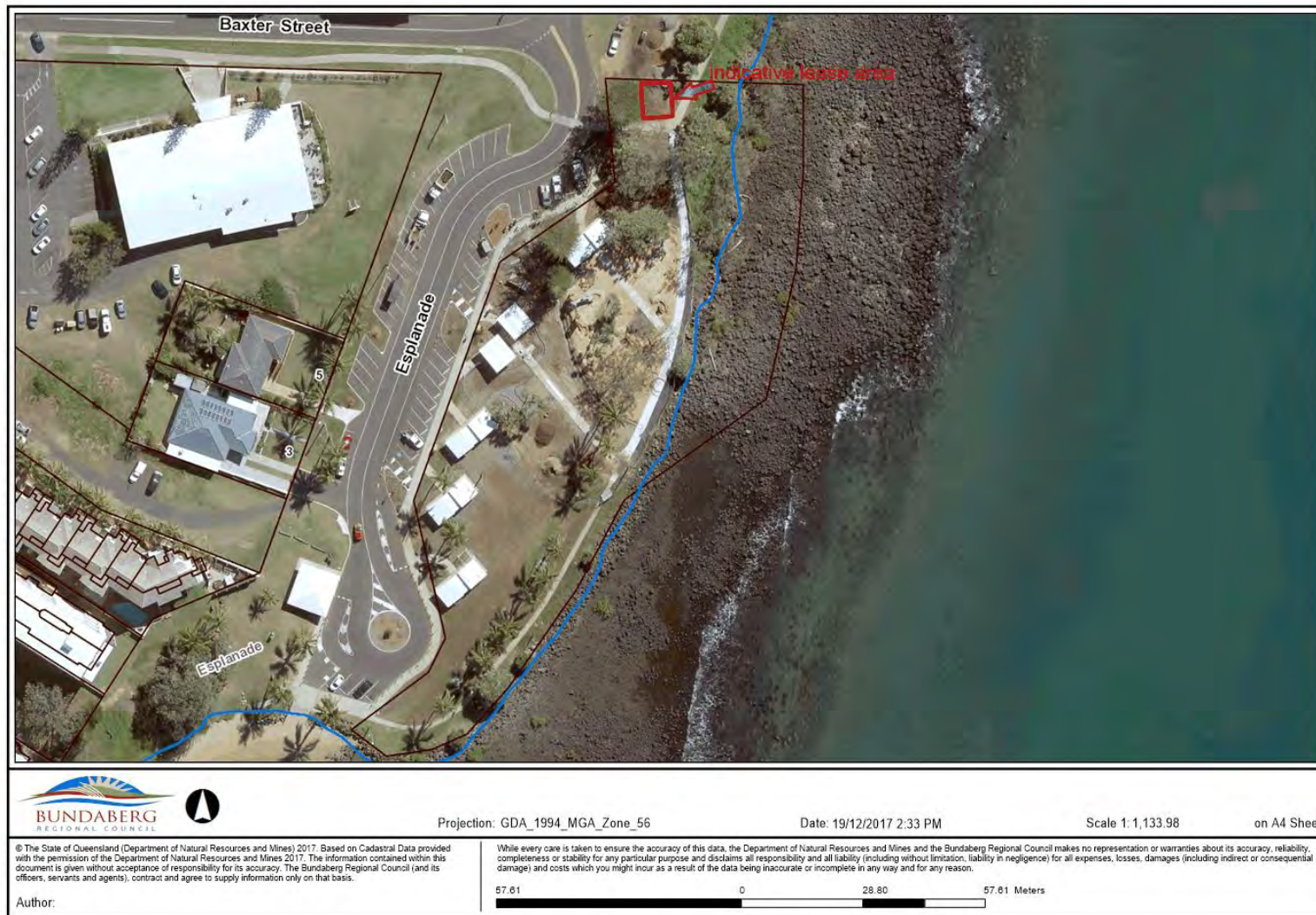
- Yes
- No

**Attachments:**

- [↓1](#) Aerial Photo
- [↓2](#) Photo - indicative site
- [↓3](#) Photo - from indicative site
- [↓4](#) Photo from nearest residency

**Recommendation:**

**That Council invite written tenders for a 2 year Trustee Permit To Occupy over part of Christsen Park, Bargara, described as Lot 27 on SP286384, for the purpose of mobile food vending, in accordance with Section 227 and 228 of the *Local Government Regulation 2012*.**













**Item****22 May 2018****Item Number:**

S2

**File Number:**

.

**Part:**STRATEGIC PROJECTS &  
ECONOMIC DEVELOPMENT**Portfolio:**

Executive Services

**Subject:**

Lease of Council owned lands at Buxton and Isis River for a Solar Farm

**Report Author:**

Ben Artup, Executive Director Strategic Projects &amp; Economic Development Co-ordination

**Authorised by:**

Amanda Pafumi, General Manager Organisational Services

**Link to Corporate Plan:**

Our Community - 1.1 A supportive business environment that facilitates collaboration and promotes positive economic growth and investment.

**Background:**

Council owns a large number of strategic land holdings across the region that present opportunity to attract investment and stimulate positive economic growth and development.

In 2017 Council invited public offers to purchase the below listed lots, owned by Council, by way of public tender (TEN02/99 - Sale of Council Land).

**Table 1. Lots tendered for sale in 2017**

	<b>Lot address</b>	<b>Lot description</b>	<b>Area Ha</b>
1	8 Villa Court, Ashfield	Lot 35 on SP240528	0.1042
2	Sea Esplanade, Burnett Heads	Lot 155 on SP279709	0.1605
3	Buxton Road, Buxton	Lot 1 on SP298190	40.04
4	Buxton Road, Buxton	Lot 2 on SP298190	26.45
5	Buxton Road, Buxton	Lot 3 on SP298190	27.07
6	Buxton Road, Buxton	Lot 4 on SP298190	37.99
7	295 Hummock Road, Windermere	Lot 5 on SP289057	16.27
8	Abington Road, Abington	Lot 16 on A2607	3.371
9	41 Bernborough Boulevard, Branyan	Lot 192 on RP215569	1.032
10	Daveys Drive, Branyan	Lot 50 on RP861334	3.5
11	11 Ross Camp Road, Isis River	Lot 104 on RP3327	43.12
12	Knockroe Road, North Isis	Lot 5 on RP22942	1.284

Since the close of the public invitation on 31<sup>st</sup> October 2017, Council has received one (1) response. This response, dated the 14th May 2018, was recently lodged by

CBRE Real Estate Advisory on behalf of a large proprietary limited company (hereafter referred to as the Proponent). This Proponent is an international specialist in utility scale solar energy farming.

The Proponent's recent response to Council's public invitation sought to purchase the following five (5) lots through a single 3 year Option to Purchase, and at prices sought by Council shown below.

**Table 2. Lots sought by the Proponent**

	<b>Property address</b>	<b>Parcel description</b>	<b>Area Ha</b>	<b>Price ('000)</b>
1	Buxton Road, Buxton	Lot 1 on SP298190	40.04	\$240
2	Buxton Road, Buxton	Lot 2 on SP298190	26.45	\$210
3	Buxton Road, Buxton	Lot 3 on SP298190	27.07	\$210
4	Buxton Road, Buxton	Lot 4 on SP298190	37.99	\$210
5	11 Ross Camp Road, Isis River	Lot 104 on RP3327	43.12	\$1,750
		<b>Totals</b>	174.67	\$2,620

See attachments 1 and 2 for aerial photo lots listed in Table 2.

In its response, the Proponent identified its intention to develop the lots for use as a large scale solar farm. The Proponent also expressed its potential interest to lease the identified lots for a 25 year period, as opposed to purchase.

The Proponent has also indicated a willingness to consider innovative lease options with Council that may include non-monetary lease consideration, for example provision of cost effective renewable electricity in the region. Innovative lease options may also include provision of electricity to Council as a component of its lease payments Council.

### **Lease of Council lots**

Council's previous public invitation process for lots identified in Table 1 (and 2) included disposal of the lots by way of sale. If Council now seeks to lease the lots, section 227 of the *Local Government Regulation 2012* requires Council to conduct a tender or auction to dispose of the land by way of lease, unless an exemption described in section 236 can be applied.

The following lists the options, including their advantages and disadvantages, Council has available to lease the lots.

### **Options to lease:**

- **Option 1: Seek Ministerial exemption**

Council may apply to the Minister under section 236(f) of the Regulation to lease the lots without a tender process. If Council obtains Ministerial exemption, then it does not need to comply with section 227 of the Regulation and can deal with the land accordingly, subject to any conditions imposed by the Minister.

The Minister has broad powers to exempt particular transactions from the requirement to call tenders or hold an auction. This power has been used for example where a Council and private party have worked up the detailed specifications for a joint venture and land is required to be transferred to support the joint venture. In this instance the opportunity may be lost if the land is purchased by another. Accordingly, Council could argue that there is a benefit to the community

that is specific to Council's engagement with the Proponent, that will be lost if the disposal is put to the general public.

However this process may take a long time, beyond which the Proponents interest might be held. Further, the Minister may decide not to provide consent.

This option may also open Council up to public criticism regarding the use of open and transparent processes in the lease/ disposal of its assets.

- **Option 2: Public tender to lease**

This would provide an open and transparent process in the lease of the lots. Council has however been to the market for sale of the lots in 2017 and received low market interest, albeit not expressly seeking to lease the lots.

This option would also require Council, in the tender documents, to establish selection criteria that meet commercial parameters capable of attracting a solar farm investor; assuming the solar farm concept is the one sought in the tender process.

- **Option 3: Two stage process – Expression of interest, then invite tenders from EOI short list**

Under Section 228(3)(a) of the Regulation, Council may invite written expressions of interest (EOI) for the lease of lands only if Council decides, by resolution, that it would be in the public interest to do so.

This two stage option would work as follows.

Council would invite EOIs seeking innovative, market based solutions to the leasing of the lots. EOI criteria may include demonstration of public benefit (such as through the provision of affordable renewable energy to the community), or non-monetary ways in which the EOI applicant can demonstrate community value, for example, the provision of electricity to Council as part of any lease consideration.

The intention of the EOI would be to identify the most attractive lease offer to Council. Following this, Council would then invite tender proposals to lease the lots from a short list of proponents selected in the EOI process.

This option provides a range of benefits to Council including, openness and transparency in the lease/ disposal process, along with encouraging innovation and value for money from the private sector. It also ensures that Council can deal directly with a shortlist of proponents allowing for better tailoring of tender responses by the market.

- **Option 4: Accept the current offer**

Council could also accept the Proponents current offer to purchase the lots by way of offering a 3 year Option to purchase all five lots in Table 2. The Proponent has provided Council its draft commercial terms that it would seek in executing this option.

However despite the Proponents offer to purchase by way of option, it is not their preferred option, nor is it likely to be in Council's best long term interests given the possible benefits from the alternative options presented above.

### **Preferred option**

The author's recommendation is that Council proceed with Option 3, being a two stage process whereby initial EOIs are sought from the market, followed by invitations to

tenders by shortlisted EOI respondents. However, Council reserves the right to execute Option 4, should further discussions with the Proponent result in a preference to purchase the lots.

**Associated Person/Organization:**

Commercial Proponent

**Consultation:**

Portfolio Spokesperson: Mayor Jack Dempsey

Divisional Councillor: Cr Bill Trevor

**Chief Legal Officer’s Comments:**

Each option presented to Council is in accordance with the *Local Government Regulation 2012*.

**Policy Implications:**

There appear to be no policy implications.

**Financial and Resource Implications:**

There appear to be no financial or resource implications.

**Risk Management Implications:**

There appears to be no risk management implications.

**Communications Strategy:**

Communications Team consulted.

- Yes
- No

**Attachments:**

- [↓ 1](#) Map 1 - 4 lots Buxton Road
- [↓ 2](#) Map 2 - Ross Camp Road

**Recommendation:**

**That**

- a) It is in the public interest to invite expressions of interest under Section 228 of the *Local Government Regulation 2012* for the lease of lands, or a selection of lands as identified in TEN02/99 – Sale of Council Land; and
- b) Council’s Chief Executive Officer be authorized to undertake the process above, as and if required.



