

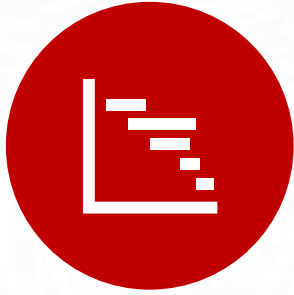
FNQ Industry Breakfast – Cairns Regional Council Capital Works

DATE: 16 February 2024

PRESENTER: Mark Wuth
Director Cairns Infrastructure & Assets



CAPITAL PLANNING PROCESS



10 YEAR PLAN

- Broad Budget & Scheduling estimates



3 YEAR PLAN

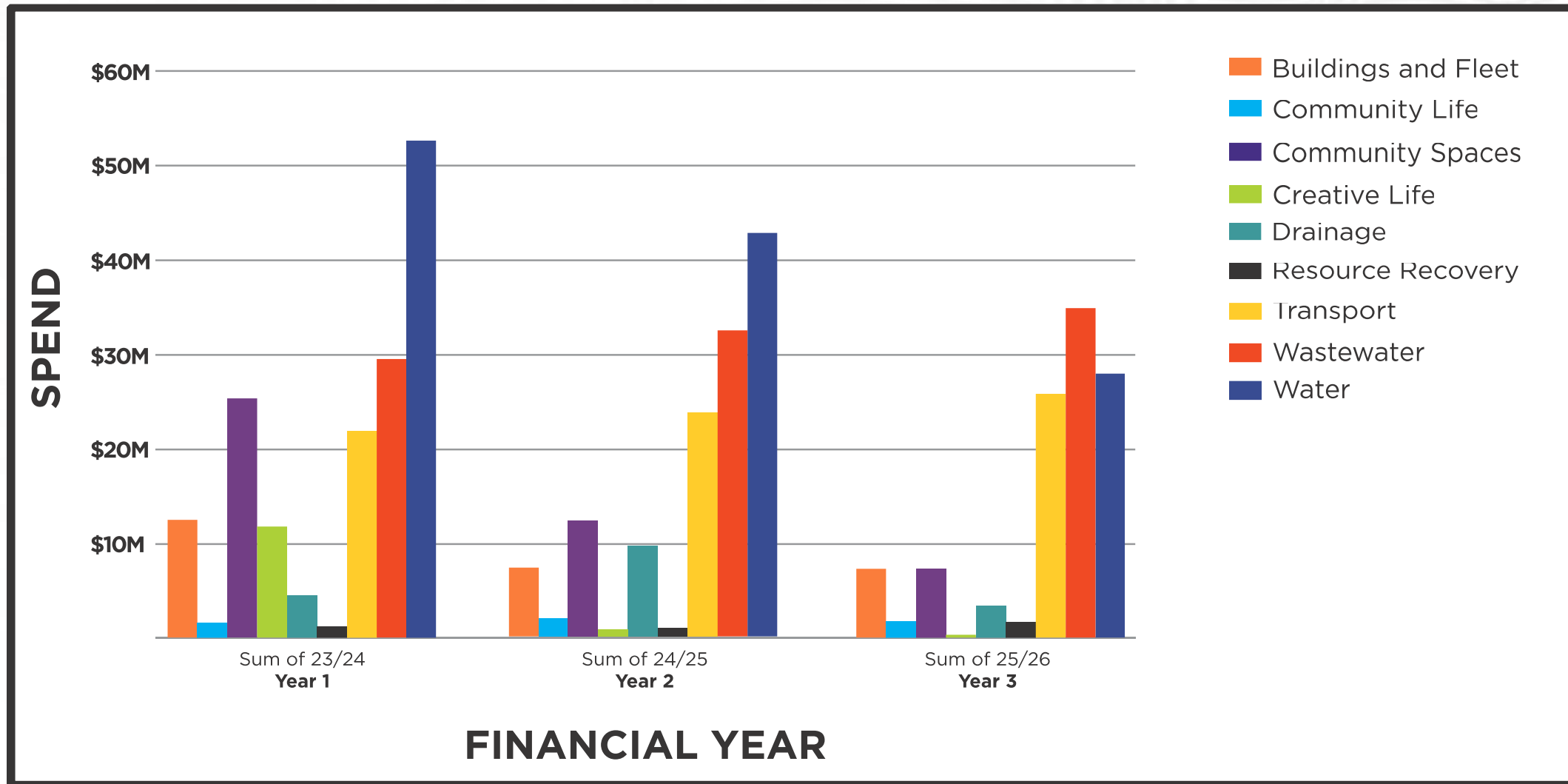
- Prioritisation from 10 year plan
- Refinement of budget cost & scheduling



ANNUAL CAPEX PROGRAM

- Prioritisation from 3 year plan
- Refinement of budget cost, scheduling & delivery model
- Endorsement by Council

3 YEAR PROGRAM



OVERVIEW OF MAJOR INFRASTRUCTURE PROJECTS

CWSSI

- A new drinking water supply to the Cairns Community
- New WTP with Mulgrave River intake and existing Behana Creek intake.
- \$325.5 million D&C Contract for the critical Cairns Water Security Stage I Project awarded to John Holland Qld – the largest infrastructure project ever undertaken by Cairns Regional Council.



Concept Design Visualisation for WTP Site Masterplan

OVERVIEW OF MAJOR INFRASTRUCTURE PROJECTS

Smart Water Meters

- \$24 million program replacing existing mechanical water meters with smart water meters throughout the Cairns region to improve the community's water network and achieve overall water savings
- Total of 8,600+ SVM meters installed with stable communication of water usage with installation rates set to increase by mid-2024



OVERVIEW OF MAJOR INFRASTRUCTURE PROJECTS

Project Description	Financial Year	Asset Class	Total Value	Target Tender Date	Project Type	Procurement Method (indicative)
Northern wastewater treatment plant dewatering system upgrade and renewal.	23/24	Water and Waste		March 2024	Construction	Open tender
Redlynch skate park redevelopment.	23/24	Parks		Oct-Dec 2023	Construction	Open tender
Smithfield Library - renewal and upgrade	23/24	Building		2023	Design	ROPS / open tender

CURRENT PROJECTS

Project Description	Financial Year	Asset Class	Total Value
Mulgrave Shire Gallery	23/24	Buildings	\$6.4M
Reservoir Remediation Package	23/24	Water and Waste	\$17.85M
Holloways Breakwaters	23/24		\$2.4M
Barlow Park Broadcast Lighting	23/24	Buildings	
Mt Peter Reservoir Stage I	23/24	Water and Waste	\$3.48M
Sewer Pump Station Remediation Package	23/24	Water and Waste	\$16.4M
Deep Ck Bridge NBLT Cycleway	23/24	Transport	\$6.4M
Replacement Sewer Pump Station WIA	23/24	Water and Waste	\$8.5M

UPCOMING OPPORTUNITIES 24/25

Project Description	Expected Quarter	Anticipated Value	Method of Procurement
I 10 Aumuller St, Bungalow - Sewer Remediation Works	Jan – Mar 2024	Less than \$500k	Open tender
Babinda Wastewater Treatment Plant D&C	Jan – Mar 2024	500K to \$1M	Open tender
Edmonton Wastewater Treatment Plant refurbishment of Clarifier #1	Apr - Jun 2024	500K to \$1M	Open tender
2023/24 Annual manhole rehabilitation program	Jan – Mar 2024	500K to \$1M	Open tender
Dredging and Sand Nourishment for Holloways Beach	Jan - Mar 2024	500K to \$1M	Open Tender
Annual Manhole Rehabilitation Programme	Apr - Jun 2024	Greater than \$1M	Request for Tender
Sewage Pumping Station L2 renewal	Jan – Mar 2024	Greater than \$1M	Open Tender
Sewage Pumping Station ED4 Asset Renewal of Electrical and Mechanical Assets and EMS Upgrade to Emergency Storage	Jan – Mar 2024	Greater than \$1M	Open Tender
Sewage Pumping Station T9 renewal	Jan – Mar 2024	Greater than \$1M	Open tender
Sewage Pumping Station R7 renewal	Jan – Mar 2024	Greater than \$1M	Open Tender
WPS BoD Package 1	Apr - Jun 2024	Greater than \$1M	Open Tender
SPS D&C Package 1	Jan – Mar 2024	Greater than \$1M	Open Tender
Reservoir Package 1	Apr - Jun 2024	Greater than \$1M	Open tender

PROCUREMENT OPPORTUNITIES

- Council website – www.cairns.qld.gov.au/tenders
- Current open tenders
- Anticipated procurement
- Council's Economic Development e-Newsletter
- Council's **2023/24 Budget** and capital works program
- Tenderlink – <https://portal.tenderlink.com/cairns>
- Other commercial electronic tendering sites.
e.g. Vendor Panel, tenders



SUSTAINABILITY INITIATIVES

Recycled Glass Aggregate

Cairns Regional Council is repurposing glass for civil construction, a process that is well underway and has received support from Department of Transport, Main Roads and FNQROC.

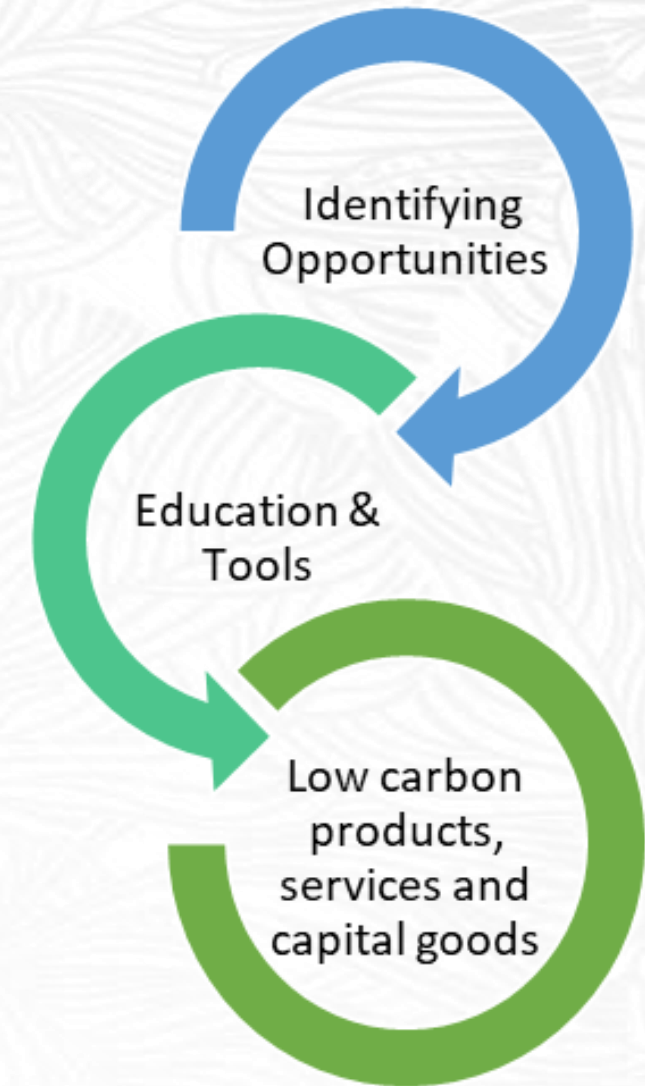
Recycled glass aggregate is manufactured locally in the Cairns Glass Processing Facility from recycled glass food and beverage bottles and containers collected through kerbside recycling bins and the container refund scheme. Each year the facility processes over 9,000 tonnes of glass into recycled glass aggregate – the equivalent of recycling around 45 million glass bottles.



GET READY FOR LOW CARBON PROCUREMENT

Our low carbon procurement transition involves:

- **Requesting information** from prospective suppliers about their practices and capability.
- **Improving emissions and activity data** for priority goods and services (e.g. improved tracking, quantifying materials & fuels usage).
- **Encouraging emissions reduction initiatives** in its contracts and projects.



SMALL BUSINESS SUPPORT

Cairns Regional Council is a small business friendly Council, we are committed to continuous improvement, delivering initiatives that support small business, and reducing red tape to help businesses grow.

How Council supports small businesses:

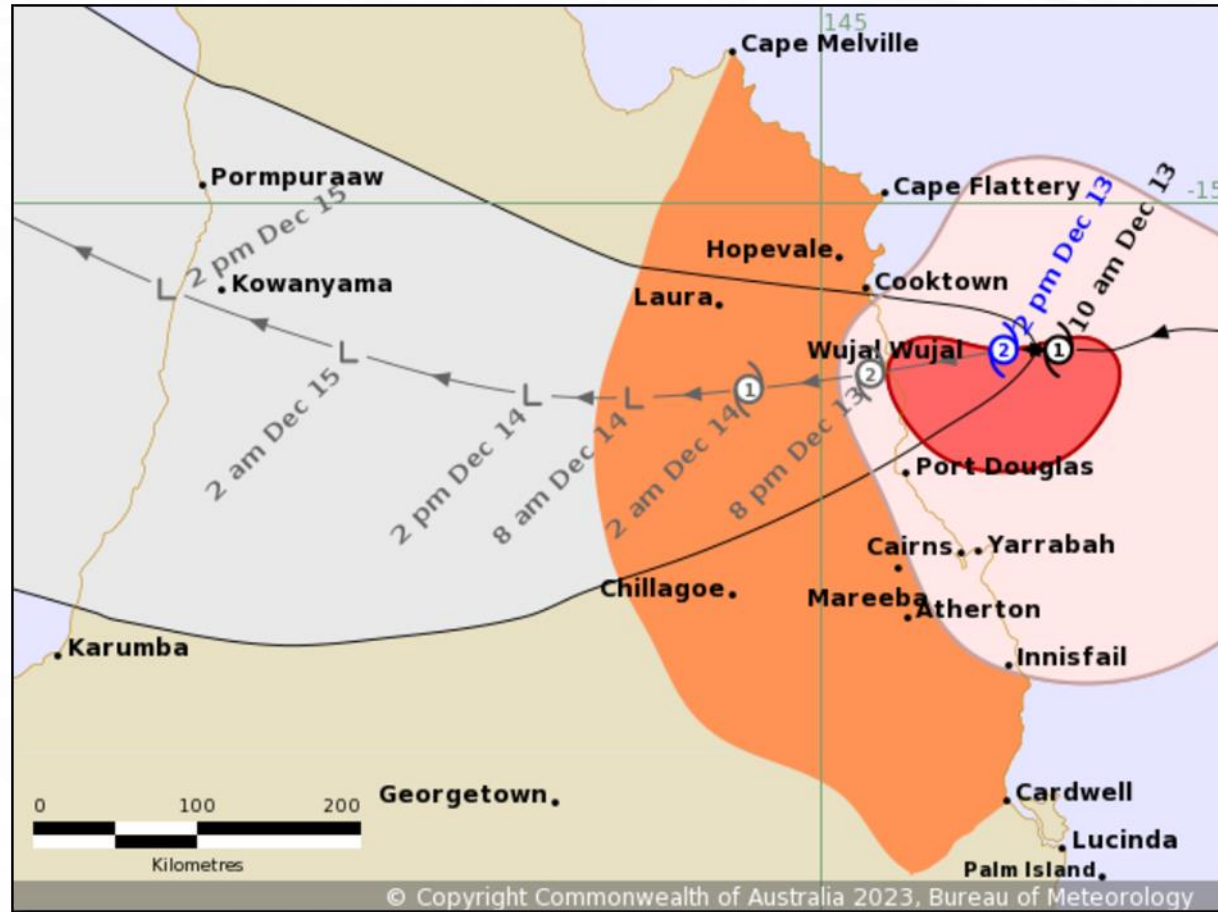
- Monthly business ED newsletter - [Business news & updates | Cairns Regional Council](#)
- Digital welcome back sent to all new businesses who register in Cairns LGA
- Support Queensland Small Business Month (May) by running Meet the Buyer event – Save the date 1 May 2024!
- Hold regular Procurement info sessions throughout the year, some in conjunction with the State Government
- Support Indigenous Business Month (Oct) by coordinating capacity building events
- Economic data available through our team to support small businesses with grant applications, getting to know their industry

HELPING SMALL BUSINESSES

- **Get Ready for Low Carbon Business Workshop** – a **free** sustainable business workshop held by Council
- **ecoBiz** – **free** face to face coaching, to quantify and track you waste, water and energy usage
- **Ergon Energy Analysis** – **free** energy usage analysis to maximise efficiency and lower your power bill
- **Supply Chain Sustainability School** – **free** access to educational resources for organisations in Australia and New Zealand
- **MECLA** – **free** webinars, industry events and material innovation designed to help drive the reduction of embodied carbon in the building and construction industry



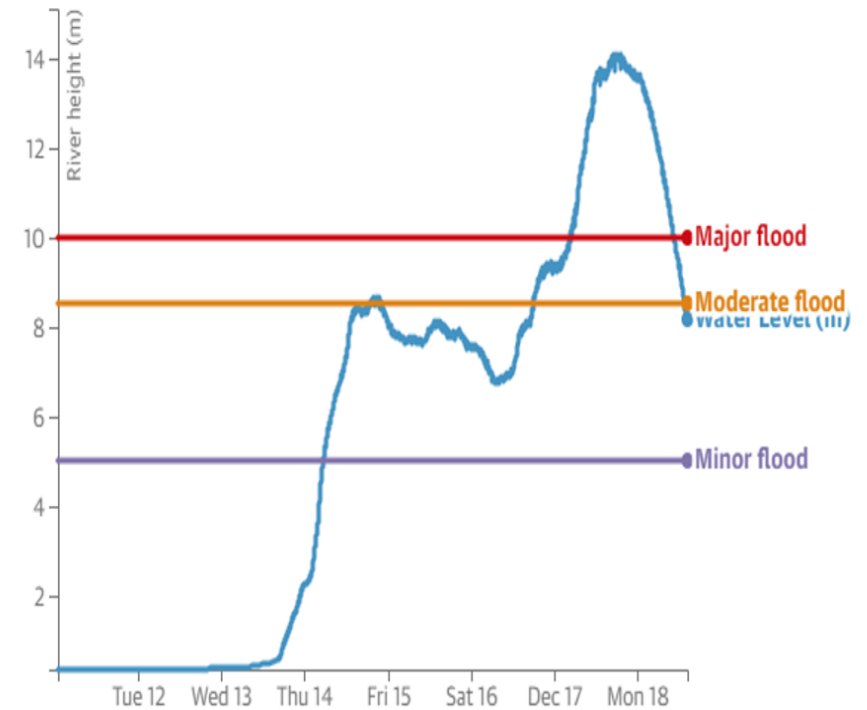
THE BEST LAID PLANS



Flooding in North Queensland

Showing the observed river height against flood thresholds. Latest data as of 2PM 18 December 2023.

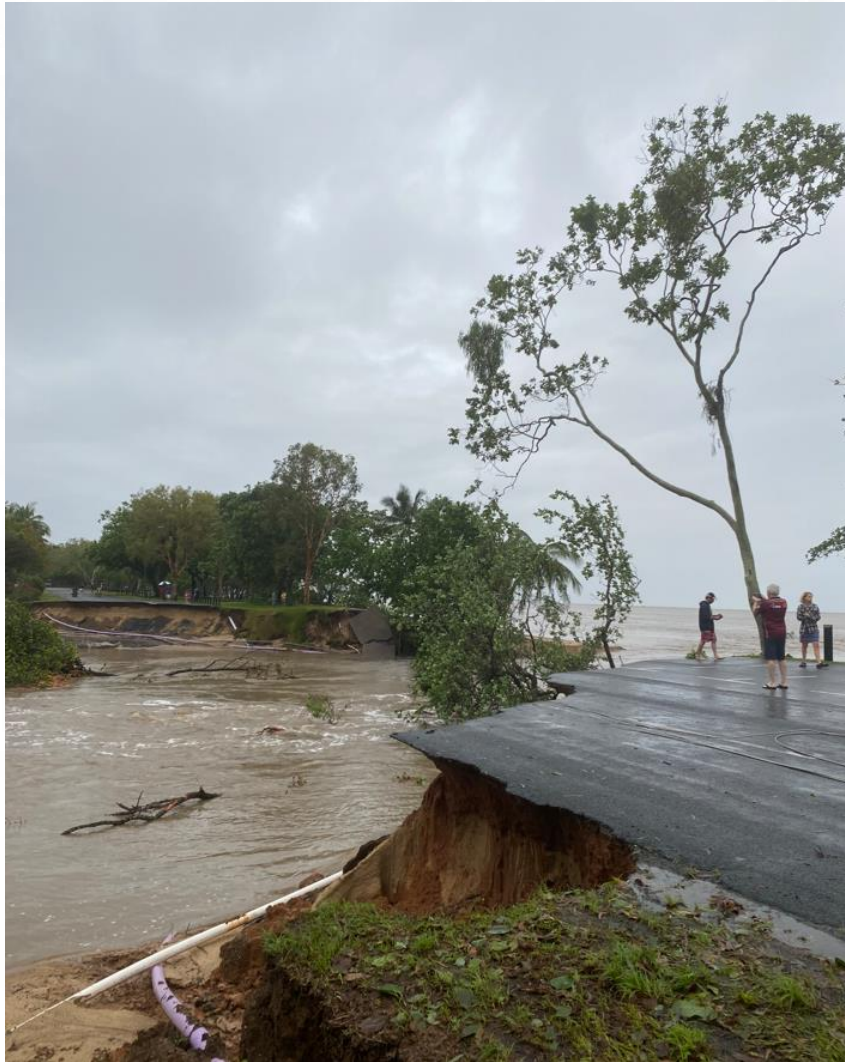
Currently showing:



Guardian graphic | Source: Bureau of Meteorology

CASUARINA STREET, HOLLOWAYS BEACH

Day 1



Day 2-4



Day 5



CRYSTAL CASCADES WATER INTAKE



BEHANA CREEK WATER INTAKE



LANDSLIPS & ROADS

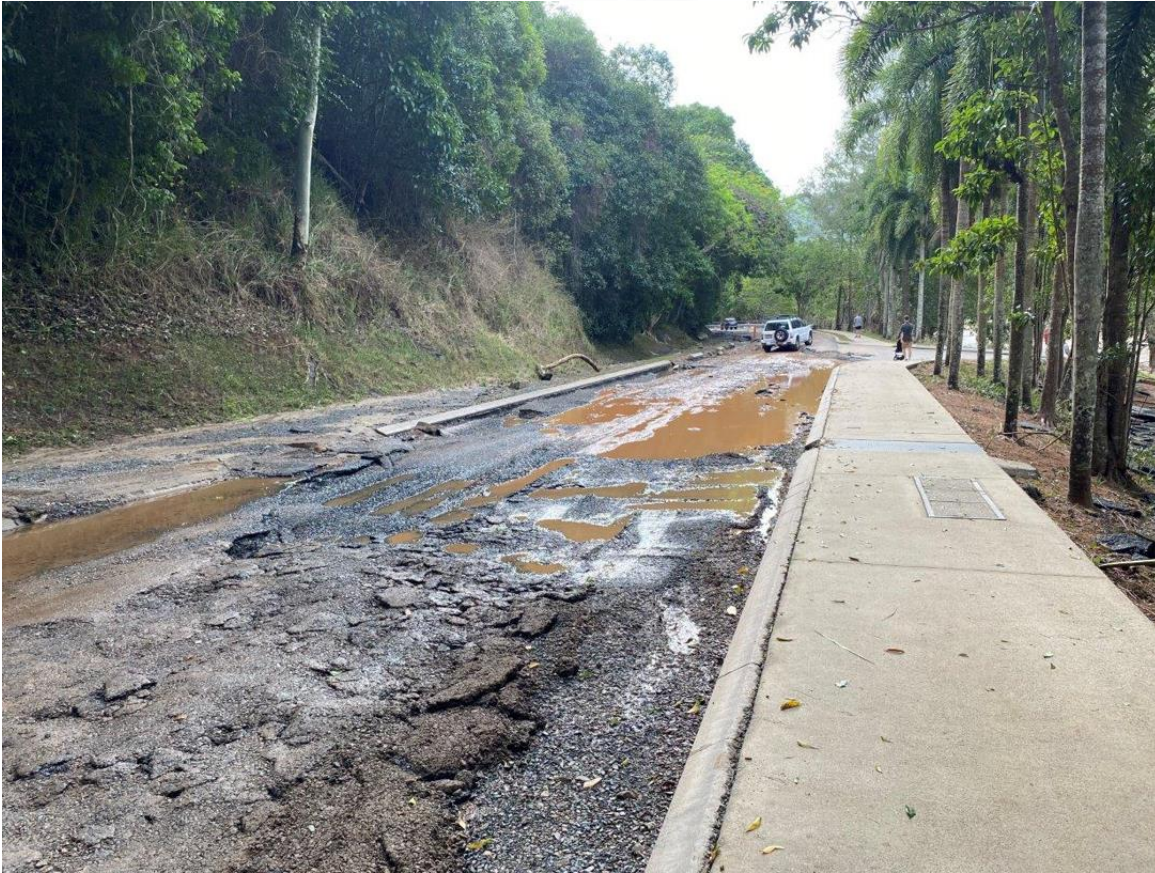


Cascades Drive, Redlynch



Lake Placid

STONEY CREEK ROAD





Fisheries Bridge, Goldsborough



Northern WWTP

OTHER PUBLIC INFRASTRUCTURE ...



Ellis Beach



Redlynch Valley / Crystal Bike Path



Barron Gorge Rd

THANKS!

Questions?

