

ENGINEERING SERVICES HIGHLIGHTS AND SIGNIFICANT ISSUES REPORT – MONTH ENDING JUNE 2011

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Purpose

To review Engineering Services Department highlights and significant issues for the month ending June 2011.

Background and Discussion

Highlights and Significant Issues for period are as follows: -

ENGINEERING SERVICES MANAGEMENT

Coordination of project meetings, briefings and reports on the following projects:

- Involvement in the Mirani/Sarina PFTI review
- Park inspections with Cr. Walker
- Attended Port Binnli car park meeting in Brisbane
- Attended MRC's Development Summit
- Presentation to Council on levels of service within Parks and Environment

On-going involvement in the following areas:

- Sustainable Futures Committee, City Focus Advisory Committee, Steering Committee, Rural Affairs Advisory Committee, Corporate Projects Committee, Whitsunday Regional Roads Group Technical Committee, Transport Working Group
- Safe Plan, Design and Construct Review Meetings and SES matters
- Engineering Services Program Managers meetings
- Budget workshop with Councillors
- Meeting with Reef Guardian representatives in preparation for working group meeting in Mackay in early July.
- Paget Depot Steering Committee

CIVIL PROJECTS (CONSTRUCTION)

Works have been completed on the following projects:

DAY LABOUR

- Grendon Street Concrete Drain Lining
- Jenvey Court Footpath
- Works carried out on Flood Damage repairs by Construction crews



Freshwater Point Boat Ramp

CONTRACTS

- Glenpark Street Signalisation
- Flood Package 11 – Midge Point 2008

Works have been substantially completed on the following projects:

DAY LABOUR

- Botanic Garden Carpark
- Shakespeare Street Carpark
- Absolon Street / Pompey Street Intersection Upgrade
- Norris Road / Beaconsfield Road Traffic Signals
- Webberley Street / Field Street Roundabout
- Freshwater Point Boat Ramp



Keeley's Road Flood Damage Repairs

CONTRACTS

- Optic Fibre Communications
- 2009 Flood Saturation Damage Restoration Package 905
- Crediton Loop Road
- Mango Avenue Reconstruction



Mirabella Road, Package 905

The following projects are in progress:

DAY LABOUR

- Casey Avenue Drainage at Bridge Road
- Traffic Facility works at various locations
- Pacific Drive Footpath
- Victor Creek Car Park Area
- Mirani's Area Stabilisation
- Calen's Area Stabilisation
- St Helen Beach Resealing
- South Pacific Avenue Footpath
- Stormwater Drainage Repair in Wood Street Mackay
- River Street Reconstruction (Wood to Gregory Street)
- Keeley's Road Flood Damage Repairs

CONTRACTS

- Roger Road Culverts
- Cell 2 Hogans Pocket
- Evans Street Drain Culvert (Hague Street)
- Perry Road Reconstruction
- 2009 Flood Saturation Damage Restoration Package 904
- 2009 Flood Saturation Damage Restoration Package 906
- 2009 Flood Saturation Damage Restoration Package 907
- 2009 Flood Saturation Damage Restoration Package 908



Perry Road Reconstruction, Walkerston

The following projects have been awarded:

CONTRACTS

- Holts Road Culvert Upgrade
- Cape Hillsborough Widening
- Grasstree Beach Road – 3.95 to 4.2km including Bikeway

The following projects have been put to tender:

CONTRACTS

- Demolition & Disposal – Bedford Road Depot
- Caping Road – Realignment and River Crossing Repair
- 2010 Flood Saturation Package 1001
- 2010 Flood Saturation Package 1002 & 1003
- Rosewood Drive Construction – Federal Funding

CIVIL OPERATIONS (MAINTENANCE)

Maintenance Grading in the following areas:

Heavy Grading	N/A
Formation Grading	Cliftonville Road, Upper Alligator Creek Road, Nicholson Road, Bella Road, Venton Road, Vella Road, Hatfield Road, Larson Lane, R William Road, Sangiorgio Road, McNeals Road, Malin Road, Loloma Road, South Inneston Road, Koumala-Bolingbroke Road, Sarina-Coast Road, Victoria Plains area, Quattromanis Road, Bagley Creek Road, Oakenden School Road, Caruanas Road, Seivers Road, Wintons Road, Paskins Road, Sturmas Road, Rogers Road, Rostirollas Road, Nimmos Road, Habana Wharf Road, Old Bowen Coach Road, Olletts road, Camelizulis Road, Cox Road, Griffiths Road, Bobongies Road, Attards Road, Robertson Road, Tweedies Road, Giumellis Road, Pentecost Road, Mezzens Road, 9 Mile Creek Road, Kurkowski Road, Zunkers Road, Wallins Road.
Temporary Gravel Road Repairs (Grading & Gravelling)	Chidgeys Road, Pernas Road, Volkers Road, Tolchers Road, Bundesens Road, Fox Road, Aldis Road, Lelona Road, Lindeman Drive, Calen-Mt Charlton Road, Geeberga-Buthurra Road, Barren Creek Road, McLeans Road, Hudsons Road, Beallah Road, Burtons Access Road, Sorensens Road, Hopfs Road, Hopfs Sawmill Road, Burrurra Station Road, Holdings Road, McGills Road, Holdings Road.
Shoulder Grading	Bold Street, Barrow Hill Road.
Flood Damage Repairs (Job no. 1715)	Hatfield Road, Brookfield Drive, Captain Blackwood Drive, Armstrong Beach Road, Dawlish Road, Petersen Street, Grasstree Beach Road, McCarty Street, Carlton Road, Rasmussen Avenue, Bally Keel Road, Grasstree Road, Garretts Road, Eversleigh Road, Bergmans Road, Grants Road, Barrie Lane, Campbells Ridge Road.

Special Works:

Footpath repairs – Peel Street, Sydney Street, Milton Street, Gordon Street, Greenfields Blvd, Dolby Court, Andergrove Road, Harbour Road, Slade Point Road, Carl Street, Ungerer Street, McCulloch Street.

Sign & Guidepost repairs – N/A

Culvert, Pipe & Catchpit repairs – Walkerston-Homebush Road, River Street, Bridge Road, Cemetery Road, Napier Street and Thompson Street.

Kerb & Channel repairs – Atkinson Street, Peel Street, Macalister Street, Alfred Street, Victoria Street, Brisbane Street and Forgan Street.

Water Board Patching – Harbour Road, Bedford Road, Pardoe Street, Dolby Court.

Street and Gutter Collection – town, Slade Point, Northern Beaches and Sarina areas.

Suckins, Digouts & Scours – Tropical Avenue.

Special Works – line marking in Bucasia and Shoal Point areas.

Pothole Patching: Hay Point Road, Sarina Beach Road, Grasstree Road, Armstrong Beach Road, Middle Creek Road, West Plane Creek Road, Sarina area, Paget Street, George Milton Street, Barton Street, Holland Street, Gillan Street, Lloyd Street, Hansen Road, Connors Road, Archibald Street, Penn Street, Milton Street, Christensen Road, Maus Road, Oakenden-Sarina Road, Old Pleystowe Road, Sydney Street Carpark, McLennan Street, James Street, Evan Street, 18th Lane, Binnington Esplanade, Endeavour Street, Palms Road, Shakespeare Street, Goldsmith Street, Kippen Street, Queens Park, Holmes Road, Stockroute Road, waterboard patches, Gregory Street, Illawong Drive, Credlin Street, Bridge Road, Goldsmith Street, Trogolby Street, Absolon Street, Downing Street, Shakespeare Street, Bernborough Avenue, Marlborough

Street, Dennis Street, Scott Street, Ready Street, Brisbane Street, Alfred Street, Burns Street, Gordon Street, Porter Street, Park Street, Cowleys Road, Hansens Road, Campbells Ridge Road, High Street, Burgess Street, Holland Street, Hart Street, Carlyle Street, Vincent Street, Creek Street, Burston Street, Zammit Street, Petersen Street, Victoria Street, Bovey Street, King Street, Ungerer Street, Graves Street, Hamilton Street, Basset Street, Shakespeare Street, Chauvel Street, Bridge Road, City View Court, Trojan Court, Bonavista Drive, Badilla Court, Elvin Street, Harney Street Hockey Carpark, Dennis Street, Ford Street, Novar Court, Moore Street, Milton Street, Cowleys Road, Brisbane Street, Elamang Street, 12th Lane, Ulanda Drive, 6th Lane, Pugsley Street, Youngs Lane, Rural View Drive, Grendon Street, Sugarshed Road, Davey Street, Mt Bassett Road, Roberts Avenue, Willets Road, Daniel Street, Harris Street, Jarrah Street, Warrener Street, Apollo Drive, Maguire Roads, Valley Street, Farleigh-Habana Road, Vassallo Drive, Tolcher Street, Phillip Street, Baxter Drive, Arthur Street, Fitzroy Court, Sologinkins Road, Meyer Street, Malcomson Street, Evans Avenue, Volute Street, Pheasant Street, Ocean Avenue, Wren Street, Swallow Street, David Muir Street, Meadow Street, Peterson Street, Chidlow Street, Green Street, Glenpark Street, Hilltop Terrace, Hillend Road, Midge Point area, Cathu O'Connell Road.

Drainage Maintenance: Firefly Crescent, West Mackay, East Mackay and North Mackay area drains, Quattromanis Road, Oakenden Sarina Road, O'Sheas Road, Oakenden School Road, Dunrock Road, Eton area, Mezzens Road, Orphanage Road.

Mowing & Slashing: Marian, Palmyra, Victoria Plains, Eton and Balberra areas.

Main Roads RMPC:

Other Bituminous Works / Pothole Patching / Pavement Repairs	Bruce Highway South, Bruce Highway North, Peak Downs Highway, Marlborough-Sarina Road, Koumala-Bolingbroke Road, Maraju-Yakapari Road, Rockleigh-North Mackay Road, Mackay-Eungella Road, North Eton Road, Mirani-Mt Ossa Road, Mackay-Habana Road, Sarina Coast Road, Hay Point Road, Mt Ossa-Seaforth Road, Yakapari-Seaforth Road, Yakapari-Habana Road, Mackay-Slade Point Road.
Heavy Formation grading / gravel resheeting / other formation works	Mackay-Eungella Road, Koumala-Bolingbroke Road, Mirani-Mt Ossa Road, Koumala-Bolingbroke Road, Mt Ossa-Seaforth Road, Yakapari-Habana Road.
Culvert / Drainage Works	Bruce Highway North, Mackay-Eungella Road, Gargett-Mia Mia Road, Mackay-Bucasia Road.
Tractor Slashing Rural / Urban / Boom Mowing / Clearing Works / Herbicide Spraying / Declared Plant Spraying	<p>Tractor Slashing: Bruce Highway North, Bruce Highway South, Peak Downs Highway, Marlborough-Sarina Road, Koumala-Bolingbroke Road, Rosella-Homebush Road, Eton-Homebush Road, Mackay-Eungella Road, Gargett-Mia Mia Road, Eungella Dam Road, Marian-Eton Road, North Eton Road, Mia Mia Connection Road, Marian-Hampden Road, Mirani-Mt Ossa Road, Sarina Coast Road, Hay Point Road, Mt Ossa-Seaforth Road, Mackay-Bucasia Road, Mackay-Slade Point Road.</p> <p>Boom Mowing: Bruce Highway North, Mackay Bypass Road, Mackay-Eungella Road, Eungella Dam Road, Mirani-Mt Ossa Road.</p> <p>Herbicide/Declared Plant Spraying: Bruce Highway South, Bruce Highway North, Peak Downs Highway, Marlborough-Sarina Road, Koumala-Bolingbroke Road, Rosella-Homebush Road, Sarina-Homebush Road, Eton-Homebush Road, Mackay Bypass Road, Maraju-Yakapari Road, Rockleigh-North Mackay Road, Mackay-Eungella Road, Gargett-Mia Mia Road, Eungella Dam Road, Marian-Eton Road, North Eton Road, Mirani-Eton Road, Mia Mia Connection Road, Marian-Hampden Road, Mirani-Mt Ossa Road, Mackay-Habana Road, Sarina Coast Road, Hay Point Road, Mt Ossa-Seaforth Road, Yakapari-Seaforth Road,</p>

	Yakapari-Habana Road, Mackay-Bucasia Road, Eimeo Road, Mackay-Slade Point Road. Other: Clearing – Bruce Highway North, Bruce Highway South, Mackay-Eungella Road, maintain landscaping – Mackay Bypass Road.
Rest Area Servicing	Bruce Highway North.
Road Sweeping/Roadside Litter Collection	Bruce Highway South, Bruce Highway North, Mackay-Slade Point Road.
Emergency Call Outs	Hay Point Road.
Signs / Guide Post Works	N/A

TECHNICAL SERVICES

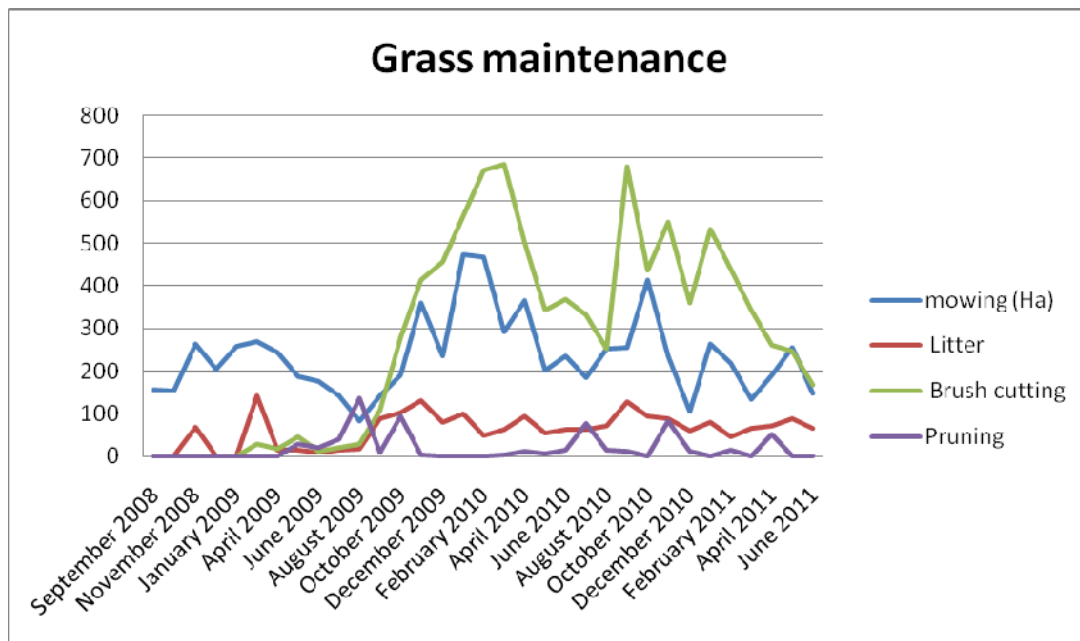
- Development and design of projects for saturation damage projects throughout the Council area for 2009, 2010 and 2011 events.
- Development and design of projects within Capital Works Programme.
- Development of draft 20 yr Capital Works Programme making provision for all current projects and proposed development projects and its revision to match LTFP and PIP requirements.
- Discussion with property owners and utility providers regarding future road construction at Connors Road (Farrelly to Archibald). Modification of plans to meet DTMR specification requirements for tender and for construction issue.
- Consultation and detail design regarding Archibald Street (Connors to Milton) upgrading.
- Consultation and detail design of the HAFF Grant project including Rosewood Drive from Mackay Bucasia road to Chenoweth Drive including design development for works associated with Northern Beaches Central and the Northern Beaches High School.
- Detail design of culvert crossing Casey Avenue, concept development and detail design for stadium access, car park and Bluewater Trail extension.
- Concept Design associated with CBD footpath upgrades via Master planning for CBD treatments and Bluewater Trail extension from Bluewater Quay to River Street Boat Ramp and from the boat ramp to Iluka Park via East Gordon Street.
- Design and Quotations associated with Bluewater Quay shade structures and balustrades.
- Discussions with Consultant in regard to the completion of the CBD Access Audit.
- Lead role in the preparation of “Safety in Design”, Erosion and Sediment Control and Fish passage and Waterway Barrier applications in relation to designs to meet industry standards.
- Attendance at Paget Depot Management Group & Steering Committee meetings and Corporate Projects Meetings, Transport Working Group, Management Leadership Forum, Whitsunday Regional Roads Group Technical Committee meeting, Strategic Planning Internal Stakeholders meeting, Construction Finance meeting, Population Working Group, PIP and PFTI Working Groups.
- Participate in Departmental Briefing to Council, Council budget briefings and CBD Footpath Masterplan briefing of Council.
- Trial rationalisation of school zone times currently in operation for later report to Council.
- Ongoing rationalisation of Cemetery database to upgrade records and verification of records with Mackay Historical Society. In addition trial of MARCIS GIS recording tool for cemetery records.
- Completion of street lighting audits and reporting of information to Ergon.
- Various drainage investigations for assessment of maintenance and capital upgrading requirements to address system performance issues.
- Development of remote access for rural traffic counters via 3G network to improve efficiency and reduce costs to maintain traffic counts in remote rural areas.

PARKS AND ENVIRONMENT

The Parks & Environment report for the month of June contains information on activities undertaken throughout the month by the staff within the program.

Officers on call attended; - 8 after hours phone calls and 4 after hours call outs.

- **Administration** – 49 park bookings were recorded.
- **Customer Requests** - Actioned: 207, Received: 161 and Unactioned: 233.
- **Horticulture Activities** – 25932m2 garden beds serviced; 36.5 hours spraying herbicide, 40 hours spent on irrigation repairs throughout the region
- **Mackay Grass Maintenance Activities** –Please note that these figures only include areas that are still being recorded on the run sheets. New work orders are being produced to assist in scheduling. This system is approximately 60% entered and once complete, areas will then be measured and recording can recommence. 386974m2 parks mowed, 10280m2 community hall grounds mowed, 412014m2 easements mowed; 21.7 man hours spent whipper-snipping; 5.5 hours spent litter collecting; 3016 toilet cleans; 1426 BBQs cleans.



- **Pioneer region** –214305m2 parks mowed; 76761m2 drains mowed; 282895m2 easements mowed; 146 hours spent whipper snipping.
- **Southern region** – 645780m2 mowed; 77 hours spent whipper snipping
- **Arboriculture Activities** -

	Total Trees Pruned	Council Trees Removed	Scheduled Palm Trees defroned/deseeded	Requests- branch pick up	Trees Attended in Juvenile stage	Trees attended for other Council wks	Requests- minor prune	Requests- major prune	Trees Planted in Streetscapes
June 2011	891	129	223	6	77	7	31	315	6

- **Cemetery Operations –**

Cemetery	June 2011
Burials Mt Bassett	13
Burials Mt Bassett Ashes	5
Burials - Mackay	0
Burials - Mackay Ashes	0
Burials - Walkerston	9
Burials - Walkerston (Ashes)	2
Burials - Mirani	0
Burials - Marian	1
Burials - Sarina	6
Hand dig of grave	0

- **Natural Environment and Marine Beach Activities –**

- Monitoring database records for 2011 were collated and entered into the activities database.
- CVA held a working bee with Pioneer Catchment and Landcare Group on Saturday 4th June at Slade Point Reserve as part of a Caring for our Country funded project. They also worked for a week in the reserve undertaking weed control activities. A weed control contractor has been employed to undertake 90 hours of weed control in the reserve over June and July and a school tree planting activity and environmental walk was also held. This project has been managed by Pioneer Catchment and Landcare Group and supported by council.
- Inspections of various sites including the Bridge St drain regarding maintenance issues, Shoal Point/Bucasia regarding recent weed control.
- The NEAC meeting was held on Tuesday June 7th. Various reports and agenda items were prepared and circulated prior to the meeting.
- Staff attended the Natural Environment Working Group meeting on Tuesday 7th June.
- CVA worked for a week at Grasstree beach as part of a BMA sponsored program.
- Toolbox meeting with teams to go through the Take 5s for the month and regular monthly toolbox meeting.
- A working bee was held at shoal point on Saturday 18th June to spread mulch around recent plantings.
- A working bee was held at Sandfly Creek Environmental Reserve on Sunday 19th June, run by CVA as part of the Hail Creek mine funded project.
- Held meeting with CVA and PCL to discuss a program of works for one week per month for the 2011/12 year (11 weeks funded by BMA and 1 week funded by council) for CVA to work at sites in the Sarina area. The provisional program includes work at Armstrong's beach/freshwater point, Sarina Community Native Gardens, Louisa Creek and Campwin Beach.
- CVA worked for a week at Finlayson's Point, Haliday Bay and Ball Bay (free week).
- The Mackay beach crew – conducted extensive repairs on the Bucasia swimming enclosure, started replacement of the brackets that support the net on the Seaforth swimming enclosure, repaired vandalised fencing and gate at Finlayson's Point, collected weeds removed during working bees at Ball Bay and Haliday Bay and repaired the constructed beach access ramp at Shoal Point Park.
- The Sarina beach crew – controlled weeds at Campwin Beach, Freshwater Point, Grasstree Beach, Hay Point, Salonika Beach, Sarina Beach, repaired a major washout at Campwin Beach and repaired walkways at Salonika Beach.
- The Habitat Restoration crew – prepared a planting site at Slade Point Reserve for a school planting event and undertook weed control, revegetation and revegetation maintenance in the reserve, constructed handrails on the verandah at the Swayne St Depot, repaired the internal roads at the depot, undertook weed removal from the National Tree Day planting sites along the Blue River trail, sorted seed for propagation at the nursery.

• **Parks Building Services Activities -**

Parks Electrical Department Monthly Report for June 2011

Traffic Signals	
Damage repair	5
Maintenance	11
Pole lowering	2
Upgrades	2
Emergency Call outs	7

Parks Electrical	
Park Power	6
Park / walkway lighting	9
Shelter lighting	4
Amenities (lighting / power)	6
Test + Tag	3

Other Departments Electrical	
Light Repairs	5
Power / equipment repairs	5
Installations	2
Test + Tag	8

Playgrounds:

There were ten Operational Inspections and sixty-three Visual Inspections conducted on the districts playgrounds during June, weed treatment was applied at fourteen locations.

Six substantial repairs and thirty minor repairs were completed during this time at various locations.

Built Asset Maintenance:

Campsite numbers at Seaforth Campground were replaced/ reinstated at 14 of the 87 campsites. Ball Bay Campground amenities were fully repainted inside and out.

There were six minor repairs conducted on public amenities throughout the region and two substantial repairs completed at Queens Park amenities following vandalism. These toilets are now being locked afterhours due to repeated ongoing vandalism. Indicator bolts on toilet doors were repaired/ replaced on four amenity buildings. Locks were repaired at three locations. Graffiti was cleaned at four locations

A new basketball backboard was fitted to posts at Shann St Park. Timber picnic settings at three locations were refurbished and repainted. Two timber bench seats were repainted. Graffiti was painted over or cleaned at three locations.

Capital Projects - The following projects are completed



Northview Park Drainage and Turf to Path



New Solar Light Golf Course/ Eaglemount



Replacement Culvert and Path- Gooseponds



Shelter Roof Replacement - Lamberts Beach 1

Mackay Regional Botanic Gardens

Meadowlands:

- Documentation from GHD has been presented with final minor changes in progress. Meadowlands is due to commence in the first week of July, budget permitting.

Threatened species procurement:

- Four large Queensland Cycad - *Cycas media* subsp. *media* were relocated from the Maraju – Yakapari Road to the MRBG, due to road widening by the Department of Transport and Main Roads (DTMR). These are Class A species threatened with extinction and the joint project between the MRBG and DTMR was achieved under an education purposes permit – to use the MRBG as a springboard to teach a wide range of residents, schools and visitors about the importance of biodiversity.



Community involvement:

- Garden Friends Annual General Meeting held on Tuesday June 21st and Kate Heffernan from the Gold Coast Botanic Gardens was the guest speaker talking about The SMART Gardening Project, something the MRBG will introduce to the wider Mackay community in 2012.
- Society for Growing Australian Plants (SGAP) working bee Regional Forest
- Garden Friends Planting Bee held on Saturday June 4th. Over 250 plants were added to the living collection in the Finch Hatton Waterway Gardens. Unfortunately thieves stole freshly planted Tree Ferns – *Cyathea cooperi* here and a range of plants from the garden beds elsewhere, less than one day later.
- A second planting bee was held on June 25th in the Coal Garden and Eulamere Wetlands with 100 plants added to the living collection
- SGAP Herbarium working bee on June 27th collected more specimens and others were sent to the Queensland Herbarium



Garden Friends planting wetlands edge sedges and riparian tree species, Finch Hatton Gorge waterway Garden

Horticultural and Site Works:

Snipping – 93.5hrs

Mowing – 120hrs

Herbicide Spraying – 93.5hrs

Pruning (trees, shrubs including hedging) – 29.75hrs

General garden bed maintenance – 251hrs

Rubbish collection including bin emptying – 59.5hrs

Planting – 65.2hrs

Weather Station Data:

Rainfall for month (mm): 31.2 (high of 16.4mm on 11/06/11)

Days of rain: 23 (> .2 mm) 3 (> 2 mm)

Av. Temperature for Month (deg C): 16.3° (high of 25° - low of 5.5°)

High Wind Speed (knots): 24.3

Avg. Wind Speed (knots): 1.8

Dom. Wind direction: SSE

Botanic Gardens Functions:

- Meeting room, Community bookings 14
- Meeting room, full rate 3
- Weddings 4
- Receptions 2
- Cancelled weddings 2 – due to weather
- Last week of June the meeting room was used for the school holiday activities.

Visitor Services Program:

Exhibitions

- “Trees and Flowers” June 1 – July 3 was exhibited by the Bush to Beach Art group. Featured here is “Trees” by Mary Brown, founder of the group. This exhibition depicted a variety of mediums, from watercolours and oils to acrylics, by a variety of local artists from Sarina. The Lagoons Gallery is an important way that residents and groups with a diverse range of interests can interact with the MRBG without necessarily having a major interest in, or knowledge of, flora.



**Trees and Flowers
exhibition
- Lagoons Gallery**

Plant-ed

• Outreach School Visitation

June 2nd the Visitor Services Officer Maya Harrison visited Eimeo School and displayed macro-invertebrates to four year 5 classes as a way of determining water quality by the types and numbers of creatures in the water samples.

June 16th - outreach visit to Beaconsfield year 2 class (with Garden Friend Julia Spratt) with land and water insects.

• Schools visiting the Gardens for Plant-ed

June 1st - 50 children from Year 5 Beaconsfield learned about Bush tucker and Minibeasts.

June 7th - 20 Eimeo Year 3/4 students came to learn about seed dispersal and plant growth and were joined by 22 Year 5 students who learned about a variety of topics from macro-invertebrates and water plants to seed dispersal.

June 9th - 45 Year 2/3 children from Glenella with topics of ants, earthworms and snails.

June 10th - Mackay Home Schooling Group.

June 14 and 15 - 50 Year 2 children each day from



Eimeo School outreach visit

Mackay West School covered topics of water in the Gardens, water pollution, mini beasts and water creatures.

June 20th - a group of parents and their young children observed mini-beasts in the Gardens at a Small Explorers session; followed by a Prep class visit from Mackay West for seeds dispersal and plant a seed activity.

Approximately 400 children in all utilised the MRBG in June for learning.

- **School Holiday Activities**

The first week of holidays June 28 - 30 covered the learning themes of “bush tucker” and indigenous culture, and was shared with over 55 children. A healthy walk in the Gardens, finding plants that could produce some tasty treats and those that could be poisonous was capped off with some Mat Rush – *Lomandra hystrix* weaving and painting on Weeping Paperbark – *Melaleuca leucadendra*.



School holiday activities

EMERGENCY MANAGEMENT

Community Education

The Emergency Management Section continues to support and promote community disaster awareness education, community preparedness and resilience for disaster events.

Disaster Coordination Centre

The Disaster Coordination Centre remains at a point of readiness.

Council has approximately 100 staff trained in the use of Guardian and approximately 140 staff trained in Disaster Coordination Centre Operations.

Draft Evacuation Guidelines Review

A review of the Draft Evacuation Guidelines released for comment by the State Disaster Management Group was undertaken and a number of concerns were raised regarding this document.

Emergency Alerts

The following emergency alerts were received during the month:-

- Sunday 5 June 2011 - 10.10 pm - No threat tsunami alert – undersea earthquake of 6.5 magnitude west of Macquarie Island.
- Thursday 16 June 2011 – 10.19 am - No threat tsunami alert – undersea earthquake of 6.5 magnitude near New Britain Region P.N.G.
- Tuesday 21 June 2011 – 2.58 am - No threat tsunami alert – undersea earthquake of 6.6 magnitude near Chile-Bolivia Border Region.
- Thursday 23 June 2011 (Show Day) – 8.12 am - No threat tsunami alert – undersea earthquake of 6.7 magnitude near east coast of Honshu Japan.
- Friday 24 June 2011 – 1.33 pm - No threat tsunami alert – undersea earthquake of 7.4 magnitude south of Aleutian Islands.
- Sunday 26 June 2011 – 10.34 pm - No threat tsunami alert – undersea earthquake of 6.5 magnitude near Irian Jaya Region Indonesia.

Local Disaster Management Group Annual Report

The annual report on activities of the Mackay Local Disaster Management Group was prepared and forwarded to the District Disaster Coordinator on the 21st June 2011.

A number of issues were raised as part of this report, resulting from emergency events earlier in the year.

Meetings and Conferences

- Attendance at the SES Training and SES Functions meeting on the 20th June 2011.
- Attendance at a meeting on 21st June 2011 between the Community Development and Emergency Management sections to discuss project opportunities under funding available from the Queensland Reconstruction Authority (\$250,000 over two years).
- Attendance at the Mackay District Disaster Recovery Committee meeting on the 22nd June 2011.
- Attendance at the inaugural Disaster Management Officers Group meeting on 28th and 29th June 2011 in Emerald.

A number of positive initiatives were discussed including the formation of a Central Queensland Disaster and Emergency Management Alliance, formation of Disaster Coordination Centre Response Teams, joint guardian training, sharing of information and promoting of a integrated capability within Central Queensland.

- Attendance at a meeting on 30th June 2011 with the Healthy Aging Reference Group and Emergency Management Queensland to discuss ongoing issues raised by HARG with the Emergency Services Minister.

Planning

Mackay Local Disaster Management Plan and Operational Plans

Works continues on updating and reviewing both the Main Plan and Operational Plans.

Projects / Mitigation Strategies

A number of Projects and Mitigation Strategies are currently being either assessed or undertaken.

Storm Surge Study

The scope of works for this project has been expanded to include works associated with development and infrastructure guidelines under the Coastal Management Plan. The draft consultancy brief has been prepared.

Community Emergency Wardens Project

This proposal was discussed at the Central Queensland Disaster Management Officers Conference for consideration of other Regional Councils. A further meeting to discuss the Mackay Project is scheduled for the 5th July 2011.

Aged Care Facilities Emergency Planning Project

This is a project which is currently being undertaken to assist Aged Care Facilities to adequately plan for evacuations during disaster events. This project is continuing. Meetings are schedule for 5th and 6th July 2011 with Aged Care Facilities Providers.

SES Functions/ SES Instructors Project

A meeting was held on the 20th June 2011, with a further meeting to discuss this scheduled for the 5th July 2011.

Backup Generators for Sir Albert Abbott Admin Building

The project is continuing under the supervision of the Property Services Section. Works to be completed include the construction of the permanent foundation and compound for both the 90kva & 350kva generators, relocation of the 90kva from the temporary site and installation of the 350kva and associated electrical works. Works are expected to be completed by the end of September 2011.

Community Resilience Officer Project

A meeting was held on 21st June 2011 between Community Development, Emergency Management and relevant Directors to discuss project opportunities under funding available from the Queensland Reconstruction Authority (\$250,000 over two years).

The role of the position is to undertake community consultation and the preparation of a Community Recovery Plan, to promote community education awareness on preparedness and resilience, to oversee the introduction of the Emergency Wardens Project, Special Needs Register Project and establishment of the LDMG Recovery Committee and functional Sub-Committees.

SES Update

Activations

Mackay Group activated 50 volunteers at the request of Police to assist in the search for a missing 10 year old boy in the Blacks Beach area.

SES search coordinator gave advice to police prior to SES attendance and the boy was located by a resident shortly after SES attendance.

Alteration to the SESMRU Chain of Command

Advertising for the four Deputy Controller positions is out and applications will close in the next three weeks. A representative from the Mackay Regional Council will be required to attend interviews for all four positions.

A new Group Leader (Acting) has been appointed to the Mackay Group, Charles Hamlet brings 15 years experience to this position and to assist him, two Deputy Group Leaders have also been appointed to this group.

Asset Turnover

One new Storm Response trailer replaced in Mirani and one new Traffic Controller trailer replaced in Calen

Additional Assets Donated

Three new chainsaws have been acquired from Emergency Management Queensland to the value of \$4000. These new assets will be located in Mackay and Sarina

Other Donations

\$3200 was donated by Mackay business Opposite Lock.

The MRU assists the "Off Road Challenge" organized by Opposite Lock each year in return for this donation.

Courses Completed, all of Unit

Storm Damage Operations - 28 new qualified operators SES Safety - 13 new recruits completed this basic training module.

Courses completed at Group level include Radio operations First Aid-CPR Navigation.

QUALITY ASSURANCE

Number of Completed Maintenance Requests Surveyed for Customer Satisfaction

Civil Operations - 117
Parks and Environment - 48
Water Services - 82

Number of Construction Projects Surveyed for Customer Satisfaction

2

Number of Customer Satisfaction Survey Results Finalised

Nil

Number of IMS Documents Reviewed and Updated

Standard Operating Procedures - 69
Forms - 60
Booklets - 26
Knowledge Reviews - 7
Diagrams - 13
Manuals - 1
Plans - 1

Number of New IMS Documents Commenced

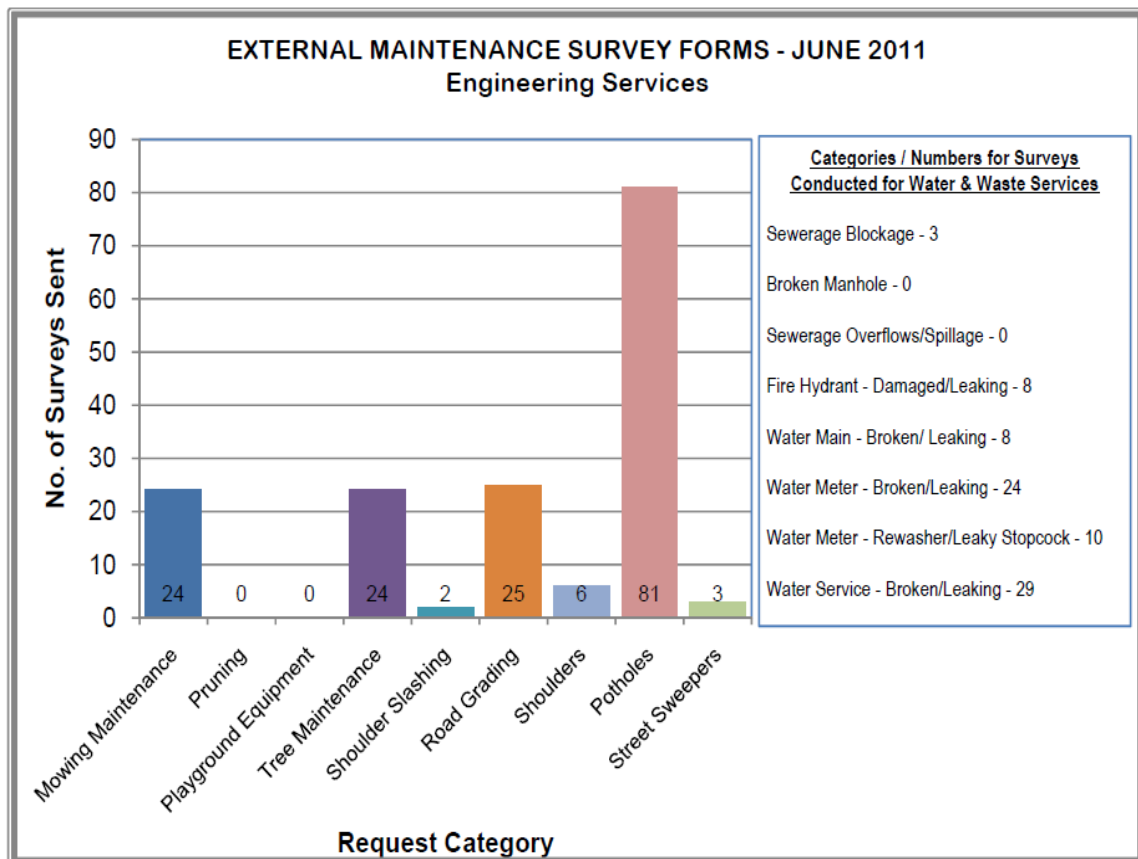
Standard Operating Procedures - 1
Knowledge Reviews - 1
Forms - 1

Number of Work Sites Visited

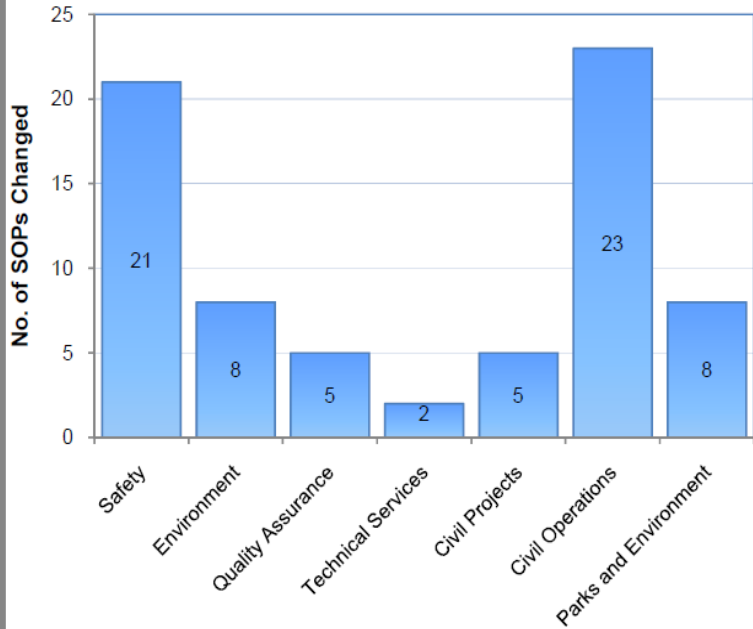
3

Number of Internal Quality Audits Conducted

Nil



Changes to Standard Operating Procedures (SOPs) June 2011



TYPICAL CHANGES

General

Updated contents to reflect legislative changes, requirements of ISO 9001, recommendations from Incident Reports, audits etc.

Document Control

Renumbered SOPs in line with new document identification convention

Format

Reformatted SOPs to "swim lane" layout

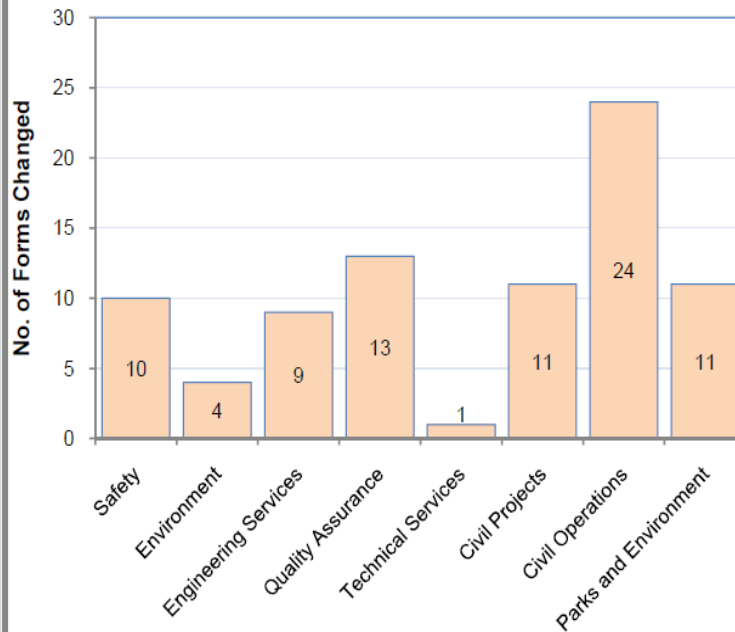
SafePlan

Redesigned Table 1 to include references to relevant SafePlan documents

Safety

Highlighted safety component of individual steps in yellow

Changes to Standard Forms June 2011



TYPICAL CHANGES

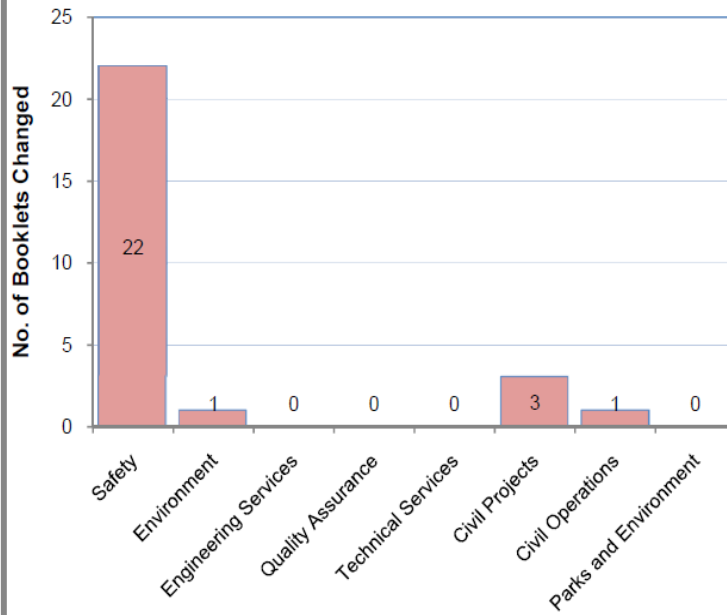
General

Updated contents to reflect legislative changes, requirements of ISO 9001, recommendations from Incident Reports, audits etc.

Document Control

Renumbered forms in line with new document numbering convention

Changes to Standard Booklets June 2011



TYPICAL CHANGES

General

Updated contents to reflect legislative changes, requirements of ISO 9001, recommendations from Incident Reports, audits etc.

Document Control

Renumbered booklets in line with new document numbering convention

Consultation

There has been consultation with Engineering Services Program Managers.

Resource Implications

Nil.

Conclusion

It is evident that staff have been able to undertake extensive programmed works within all operational areas during this period. A major exercise of cleaning around medians, islands and intersections was commenced and has received positive feedback from the community.

Contract and day labour construction works have also made considerable progress during June and this needs to continue in order to meet Council's obligations under the NDRRA funding program which is part of council's "Rebuilding our Roads" restoration program.

Officer's Recommendation

THAT this report be received.