

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

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Purpose

To review Engineering Services Department highlights and significant issues for the month ending July 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:

- Safeplan inspections conducted at Seaforth, McEwen's Beach & Bucasia swimming enclosure
- Meeting held with DTMR to discuss Fursden Creek
- Attended the All Hazards Information System Training for SDMG, DDMG and LDMG personnel
- Met with Queensland Fire and Rescue Service staff to discuss the upcoming bush fire season

On-going involvement in the following areas:

- City Focus Advisory Committee, Corporate Projects Committee, Reef Guardian Councils Steering Committee Meeting.
- Safe Plan, Design and Construct Review Meetings and SES matters
- Engineering Services Program Managers meetings
- Paget Depot Steering Committee

CIVIL PROJECTS

Works have been 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



Keeleys Road - Flood Damage Repairs

CONTRACTS

- Optic Fibre Communications
- Crediton Loop Road

Works have been substantially completed on the following projects:

DAY LABOUR

- Casey Avenue Drainage at Bridge Road
- Traffic Facility works at various locations
- Pacific Drive Footpath
- Stormwater Drainage Repair in Wood Street Mackay
- Mirani Streets Flood Damage repairs
- Stormwater Drainage Repair in Wood Street Mackay
- Up River Road Culvert



Casey Avenue - Bridge Replacement

CONTRACTS

- Perry Road Reconstruction
- 2009 Flood Saturation Damage Restoration Package 904
- 2009 Flood Saturation Damage Restoration Package 905
- Mango Avenue Reconstruction



Perry Road, Walkerston

The following projects are in progress:

DAY LABOUR

- Victor Creek Car Park Area
- Calen Area Stabilisation
- St Helen Beach Resealing
- River Street Reconstruction (Wood to Gregory Street)
- Keeley's Road Flood Damage Repairs
- Victoria Street Reconstruction (Sydney and Wood Street)
- Pratts Road Drainage
- Petersen Street Sarina
- City Centre Footpath
- Midge Point Road Culvert extension
- Matsuura Drive works
- LATM works various locations

CONTRACTS

- Holts Road Culvert Upgrade
- Cape Hillsborough Widening
- Hague Street Drain Culvert Replacement
- Roger Road Culverts
- Cell 2 Hogans Pocket
- 2009 Flood Saturation Damage Restoration Package 906
- 2009 Flood Saturation Damage Restoration Package 907
- 2009 Flood Saturation Damage Restoration Package 908



Package 906 - Le Gardes Road, Habana

The following projects have been awarded:

CONTRACTS

- Caping Road – Realignment and River Crossing Repair
- Demolition & Disposal – Bedford Road Depot
- Rosewood Drive Construction – Federal Funding
- Grasstree Beach Road – 3.95 to 4.2km including Bikeway, awaiting on land dealing status before commencing

The following projects have been put to tender:

CONTRACTS

- North Mackay Levee Construction Stage 1B/2
- Landfill Remediation Bayersville
- Park, Paradise & Porter Streets Reconstruction
- 2010 Flood Saturation Package 1001
- 2010 Flood Saturation Package 1002 & 1003, combined into one package 1002

CIVIL OPERATIONS

Maintenance Grading in the following areas:

Heavy Grading	
Formation Grading	Orphanage Road, Lanes Road, Barcoo Road, Kemp's Road, Neills Road, Edmonds Road, Sants Road, DeWaards Road, Moohins Access Road, Bovey Road, Cobens Road, Absolon Road, Hodges Road, Pym's Road, Larkins Road, Waddells Road, Woodward's Road, Old Foulden Road, Harvison Road, Riverside Drive, Rostirollas Road, Nimmos Road, Rogers Road, Clews Road, Paskins Road, Stumas Road, Rise & Shine Road, Palm Tree Road, Matsens Road.
Temporary Gravel Road Repairs (Grading & Graveling)	
Shoulder Grading	
Submergence Repairs (Job no. 1712)	Upper Alligator Creek Road, Bradfords Road, Tara Creek Road, Reeves-Saunders Road, Walsh Road, Shinfield Road, Ching Creek Road, East Inneston Road, Farquhar Road, Johnson Lane, Lally Road, Rocky Dam Road, Prices Road, Oakenden School Road, Clausens Road, Caruanas Road, Sievers Road, Oakenden Road, Micallef Road, Arthur Creek Road, Oakenden-Sarina Road.

Special Works:

Footpath repairs – Evans Avenue, Scriha Street, Slade Point Road, Burgess Street, Oasis Drive, Oak Street, Avalon Drive, Discovery Lane, Adair Court,

Sign & Guidepost repairs –

Culvert, Pipe & Catchpit repairs – Camilleris Road,

Kerb & Channel repairs – Kemp Street,

Water Board Patching – Cowley Court,

Street and Gutter Collection –

Suckins, Digouts & Scours –

Special Works –

Pothole Patching: Cape Hillsborough Road, Kippen Drive, Ball Bay Road, Glenpark Street, Murrays Road, Hillside Terrace, Farleigh-Habana Road, Glenella area, North Mackay area, Mt Pleasant area, Karl Langer Street, Miltons Lookout, Hampden Court, Holts Road, Farleigh-Dumbleton Road, Paul Berger Road, Bald Hill Road, Sugarshed Road, Amhurst Street, Coakley Court, Wicks Court, various North West areas, Midge Point Road, Wintons Road, Calen Depot, Hopf's Sawmill Road, Landing Road, Armstrong Beach Road, Homebush Road, Eversleigh Road, Garrett Road, Windsor Drive, Daniel Street, Malcomson Street, Bonson Scrub Road, Palomino Parade, Swan Street, Victoria Plains area, Marian area,

Drainage Maintenance: Ward Esplanade, Heron Street, Nimmos Road, Calen Depot, Geeberga-Buthurra Road, Brooks Road, Dunrock Road, Marwood Road, Eton area, McEwens Beach area,

Mowing & Slashing: Munbura, Sunnyside, Balberra, Oakenden, McEwens Beach, Homebush, Bakers Creek and Chelona areas

Main Roads RMPC:

Other Bituminous Works / Pothole Patching / Pavement Repairs	Sarina-Coast Road, Bruce Highway (South), Marlborough-Sarina Road, Koumala-Bolingbroke Road, Rosella-Homebush Road, Maraju-Yakapari Road, Mackay-Eungella Road, Mia Mia Connection Road, Mirani-Mt Ossa Road, Sarina Coast Road, Hay Point Road, Eimeo Road, Mackay-Bucasia Road, Mackay-Slade Point Road.
Heavy Formation grading / gravel resheeting / other formation works	Mirani-Mt Ossa Road, Mt Ossa-Seaforth Road.
Culvert / Drainage Works	Marian-Eton Road, Sarina Coast Road, Yakapari-Habana Road.
Tractor Slashing Rural / Urban / Boom Mowing / Clearing Works / Herbicide Spraying / Declared Plant Spraying	Tractor Slashing: Bruce Highway (South), Bruce Highway (North), Rockleigh-North Mackay Road, Mackay-Bucasia Road, Mackay-Slade Point Road. Boom Mowing: Mackay-Eungella Road. Herbicide/Declared Plant Spraying: Other: Bruce Highway (North) – removal of dead trees from road reserve, Mackay-Bypass Road – maintenance of garden beds and retaining wall.
Rest Area Servicing	Bruce Highway (North).
Road Sweeping/Roadside Litter Collection	Bruce Highway (North), Bruce Highway (South), Peak Downs Highway, Mackay-Bucasia Road, Mackay-Bypass Road, Maraju-Yakapari Road, Mackay-Slade Point Road.
Emergency Call Outs	Bruce Highway (South), Bruce Highway (North), Peak Downs Highway, Eton-Homebush Road, Hay Point Road.
Signs / Guide Post Works	Bruce Highway (North).

Materials were extracted during the month from the following quarry operations:

- Breadsells Pit
- Buggybend
- Eton
- Hoffman Pit
- Howells Pit
- Jensens Pit
- Johnson Pit
- Larsens Pit
- Mezzens Pit
- Mt-Ossa – Seaforth
- Omands Pit
- Tecon Gap

TECHNICAL SERVICES

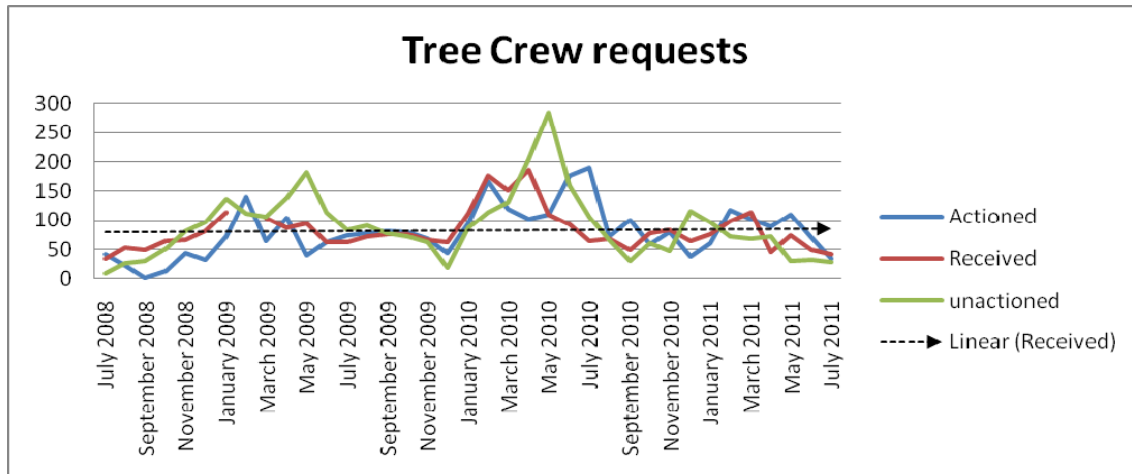
- Development and design of projects for saturation damage projects throughout the Council area for 2009, 2010 and 2011 events.
- Development and design of projects within Capital Works Programme.
- Development of draft 20 yr Capital Works Programme making provision for all current projects and proposed 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.
- 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 Bluewater Trail Extension briefing of Council.
- Provision of Council report regarding Speeding Vehicles in Danastas and Matterson Avenues, Eimeo
- 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.
- Installation of GPS Base Station Network for survey grade data collection throughout Local Government area using GPS survey equipment.

PARKS AND ENVIRONMENT

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

Officers on call attended; - 16 after hours phone calls and 5 after hours call outs.

- **Administration** – 68 park booking were recorded.
- **Customer Requests** – Actioned: 171, Received: 170, Unactioned: 177.
- **Technical Officers** – attended 1 Developer meeting, 8 subdivision inspections, 1 “On Maintenance” inspection (Danastas Ave Residential Subdivision), 2 “Off Maintenance” inspections (Kelly Country Estate, Cuttersfield 302 A&B). Received and reviewed 4 applications and attended to 6 consultant enquiries.
- **Horticulture Activities** – 18,479 m2 garden beds serviced; 30 hours spraying herbicide and 8 hours spent fixing irrigation caused by vandals.
- **Grass Maintenance Activities** – mowing figures not available until reporting program installed in new depot. 3016 toilet cleans; 1426 BBQ cleans.
- **Mirani** – 127,969m2 parks mowed; 92,010m2 road reserves mowed; 110 hours spent whipper snipping.
- **Sarina** – 571,000m2 mowed; 98 hours spent whipper snipping
- **Tree-Crew** -



Mulching at Pioneer Lakes- Mirani

- **Cemeteries**

2011 (YTD)	Jul-11
Burials Mt Bassett	14
Burials Mt Bassett Ashes	2
Burials - Mackay	2
Burials - Mackay Ashes	1
Burials - Walkerston	8
Burials - Walkerston (Ashes)	0
Burials - Mirani	1
Burials - Marian	1
Burials- Sarina	3
Hand Dig of grave	0

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

— *Conservation Volunteers Australia* worked in partnership with council undertaking weed control on the following projects:

- One week at Freshwater point/Armstrong’s beach (funded by BMA)
- One week at Sandfly Creek Environmental Reserve (funded by Hail Creek Mine).

They also worked with school groups at Sandfly Creek Environmental Reserve for three days as part of the Future Leaders Eco Challenge and held a community working bee at Shoal Point to spread mulch on two recent planting sites on Saturday 2nd July, which was attended by 5 volunteers.



Conservation Volunteers Australia spread mulch at two planting sites at Shoal Point as part of the Coasts and Communities project.



Conservation Volunteers Australia worked with school students at Sandfly Creek Environmental Reserve as part of the Future Leaders Eco Challenge

- **Community Working bees** were held as part of the Coasts and Communities project at the following sites:
 - Bucasia beach – 2/7/11 – 3 volunteers, plus staff worked for a total of 18 hours spreading mulch around recent plantings and hand weeding around native vegetation
 - Shoal point – 2/7/11 – 5 volunteers, plus staff worked for a total of 26 hours spreading mulch at two planting sites and maintaining a beach access track
 - Finlayson’s point – 2/7/11 – 2 volunteers, plus staff worked for a total of 11 hours hand weeding around recent plantings
 - Bucasia Beach – 30/7/11 – 4 hours were spent hand removing Mother of Millions from the edge of an access track

- **National Tree Day Activities included:**
 - Supply of native plants to Conningsby State School to plant in their school grounds
 - Supply of 1000 native plants and plant fact sheets for Toyota to give away at their service centre and at a stall at the Caneland Shopping centre
 - Working bee at Lamberts beach where Toyota staff planted coastal vegetation on the dune
 - Working bee at Beaconsfield State School where 300 plants were planted and 180 plants given away to students and their families. Council supplied 300 plants and factsheets for this project and ensured all the holes were pre dug for the students.
 - Community planting bee at Sarina Community Native Gardens, where 83 plants were planted by community volunteers (SLCMA funded by MRC).
 - Visited Hampden State School to assess and assist in revegetation plot (PCL funded by MRC)
 - Assessed and delivered trees to Mercy College for Schools National Tree Day (PCL funded by MRC).



Maintenance at Sarina Community Native Gardens



Plantings at Sarina Community Native Gardens



National Tree Day Activities at Beaconsfield State School

- Safety inspections were undertaken at the Loughnane Court and Swayne Street depots and the swimming enclosures at Seaforth, Bucasia and McEwen’s Beach.
- A councillor briefing was held giving an update on the activities of the Pioneer Catchment and Landcare Group and the Sarina Landcare Catchment Management Association funding through the Natural Environment Levy.
- Advice was provided on potential environmental considerations relating to the ‘Dog off leash’ councillor briefing
- Training on coastal processes and new State Coastal Plan was attended for 3 days
- Work progressed with Reef Catchments on the implementation of the Mackay Coasts and Communities project and the review of the Natural Environment Plan, including the development of a prioritisation system and meetings with on ground staff
- Inspections of fire breaks at Slade Point and Lambert’s Beach
- Expressions of interest were submitted to host 4 trainees within the section (a total of 10 within the program)
- Staff participated in the Safeplan audit
- Site meetings at various sites with crews and stakeholders to discuss on ground issues including Slade Point Reserve
- The Mackay Beach crew undertook repairs to vandalised gates and fences at Finlayson’s Point, watered recent coastal plantings at various sites, repaired fencing at Blacks Beach and Lambert’s Beach, maintained walkways at Ball Bay, Seaforth, Cape Hillsborough, Bucasia, Town Beach, Far Beach and Harbour Beach, undertook repairs at Bucasia Swimming enclosure, replaced brackets on the Seaforth Swimming enclosure and removed accumulated debris from around the structure, undertook weed control at Bucasia and Holiday Bay, and replaced a gate at Harbour Beach
- The Sarina Beach crew undertook hand weeding, woody weed removal, sand ladder repair and mulch spreading at Grasstree Beach, whipper snipped and hand weeded the planting site at Louisa Creek, installed bollards at Salonika Beach, controlled lantana at Freshwater Point and undertook site preparation for upgrades to the nursery at the Sarina Depot
- The Habitat Restoration team supervised the volunteers at the Mackay Natural Environment Centre nursery, liaised with stakeholders and delivered plants to various locations for National Tree Day, supervised Toyota volunteers at the National Tree Day planting activity at Lamberts Beach and undertook site preparation prior to the activity, maintained revegetation along the Blue River Trail, supervised CVA at Sandfly Creek Environmental Reserve to undertake weed control and spread mulch, undertook weed control in Slade Point Reserve and continued to construct handrails at their depot
- Continuation of the Land for Wildlife Program with the Landcare groups completing several property management plans during this period
- Developed and delivered shorebird workshop for Future Leaders Eco Challenge (PCL funded by MRC)



The Mackay Beach team repaired the swimming enclosure at Bucasia, including reburying the net weights



Vandalised fencing and gate at Finlayson’s Point

• **Parks Building Services Activities –**

Parks Electrical Department Monthly Report for July 2011

Traffic Signals	
Traffic Signal Push Button Maintenance	4
Traffic Signal Re-alignment	3
Traffic Signal Lamp Replacement	27
Traffic Signal Cowl Replacements	4
Traffic Signal New loop Installations	2
Traffic Signal Wide Load Pole Lowering	1

Other Electrical Work	
Site Hut Connection	1
Site Hut Disconnection	1
Test and Tag Inspections	4
RCD 12 Monthly Tests Conducted	1
Park Light Repairs	3
Park Light Vandalism Repairs	2
Barbeque Vandalism Repairs	1
Amenities Light Repair	3
City Heart Light Repair	2
Street Light Repair	1



Detector Loop Installation Norris Road Traffic Lights

Playgrounds:

Operational Inspections	19
Visual Inspections	32
Play Equipment Repairs – Substantial	8
Play Equipment Repairs - Minor	21

Built Asset Maintenance:

A three monthly manual test of all park and amenity switchboards was completed this month.

Amenities – fire damage to Blacks Beach and Queens Park floors was repaired and a damaged brick nib removed at Seaforth Swimming Enclosure. Ten vandalised indicator latches were replaced on toilet doors at various locations. New doors were fitted at Queens Park and Quota Park and three doors at Maud St Mirani. Ball Bay Campground Amenities were repainted inside and out.



Ball Bay Amenities Painting

Two timber picnic settings were refurbished and repainted at Shoal Pt. Minor repairs were completed on five bench seats at various locations. New signage was fitted to the Seaforth Wading Pool and new signage fitted to Carpenters Workshop Saw Bench in preparation for shift to new depot. A yellow safety strip was painted on the stairways at Mount Oscar Lookout to make them more visible in poor light.

Twenty Seven Timber Picnic Tables and Bench Seats throughout the Blue Water Lagoon were cleaned and new finish applied.



Blue Water Quay Furniture Refurbishment

Capital Projects – The following projects are completed



Mt Bassett New Columbarium



SPCA Demolition and Asbestos Removal

Mackay Regional Botanic Gardens

Meadowlands:

Earthworks commenced in the new Meadowlands sector with the:

- formation of the new Meadowlands carpark including stormwater
- realignment and widening of Crowleys Road including culverts
- formation of the first stage of the Multifunction Access Corridor
- excavation for the Outdoor Performance and Events Centre
- excavation and formation of the amphitheatre slopes and adjacent concessions area



View of the Outdoor Performance and Events Centre, amphitheatre terraces and slope and Multifunction Access Corridor in the Meadowlands sector

Living Collection:

Garden Friends Planting Bees

Two planting bees took place on July 2 and 16 in the Coal Garden and the Australian Regional Flora Terraces – Capricornia, Inland and Western, Mountains to Mangroves and SEQ Notophyll Vine Scrub beds.

Over 220 new plants, including threatened to extinction and rare species, were added to the Garden's Living Collection. Friends also took the opportunity to assist the Gardens staff with minor pruning and removal of dead/seasonal material from the Coal Garden's extensive fern and Zingiberales collection and assisted with hand weeding in the Australian Regional Flora Terraces.

Adaptation of warm-season turf grasses for tropical Australia project

The installation of new trial species of turf for parkland use occurred on July 12. This joint research project with the DEEDI Centre for Lifestyle Horticulture at Redlands is trialling 5 new species of turf not currently available in Mackay, to see if new species will be more suitable and sustainable e.g. drought and wet season tolerant, weed suppression or susceptibility etc. This project is being undertaken in Mackay, Darwin and Singapore for a 3 year period.

Weather Station Data:

Rainfall for month (mm): 13.1mm (high of 6.2mm on 15/07/11)
Days of rain: 18 (> .2 mm) 2 (> 2 mm) 0 (> 20 mm)
Av. Temperature for Month (deg C): 16° (high of 25° on 07/07/11
low of 5.9° on 11-12/07/11)
High Wind Speed (knots): 19.1
Avg. Wind Speed (knots): 2
Dom. Wind direction: E

Visitor Services Program:

Events and Bookings:

- Weddings: 2
- Receptions: 0
- Meeting Room: 7 community bookings and 4 corporate bookings occurred this month. School holiday activities took up full use of the Meeting Room until July 8

Plant-ed Education Program:

July 19th - 52 children from Year 2 St Mary's Catholic Primary school came to the Gardens to learn about rainforests, the importance of the leaves for photosynthesis, the different strata of the rainforest and the creatures that live in those different levels.

School Holiday Activities

During the second week (July 5 – 7) “bush tucker” and indigenous culture was again shared with over 50 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 /plaiting and painting on Weeping Paperbark – *Melaleuca leucadendra*.

Exhibitions at the Lagoons Gallery

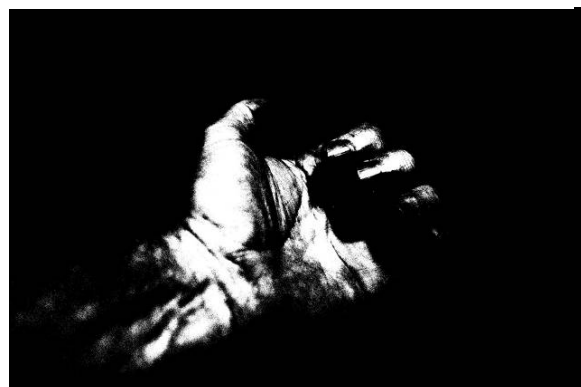
July's Exhibition was 'Black and White / Shades of Grey' by Art Whitsunday - a group of artists using different mediums presenting all their images in black and white. Mediums range from Photography (both film and digital), Chillagoe marble sculptures, graphite drawings, lino-cut prints, acrylics and even a 3D picture using tyres.



Warm-season Turf grass trial installation



School Holiday 'Bush-Tucker' Activities



'Hand' by Ross Scanlon.

Water Weeds Identification Workshop held at the Gardens on July 8 with the Queensland Herbarium. Demonstrations on collecting and pressing specimens, as well as how to send them to the Herbarium, were some of the interesting information provided. The group toured the Eulamere Wetlands and found native species and exotic weeds previously not recorded at this site.



Training in Water Weed identification

Herbarium

Two University of Central Queensland students joined the SGAP Herbarium volunteers as they collected aquatic and riparian plant specimens from the Eulamere Wetlands. More specimens from the Gardens and wild collected material were sent and identification confirmed – an important role in ascertaining the distribution of species.

Guided Walks

Friday morning guided walks from Easter to October received sporadic visitation ranging for 1-4 visitors in most instances. Garden Friends joined in a special guided walk of the Orientation and Tropical Shade Gardens with Bush Tucker being the focus. Extensive research was undertaken into the many of the plants and new signs were added to the gardens for not only the friends to read but also the general public too.

A guided walk for the Mackay Combined Probus Group was also offered by the Visitor Services Officer on the same bush-tucker theme.

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.

A number of issues regarding the Guardian Disaster Management System are being addressed in conjunction with Council's IT staff and the supplier.

Council has approximately 100 staff trained in the use of Guardian and approximately 140 staff trained in Disaster Coordination Centre Operations. Revision training is planned after the installation of version 4 of Guardian which will be in early October, 2011.

Draft Local Disaster Management Group Guidelines Review

A review of the Draft Local Disaster Management Group Guidelines released for comment by the State Disaster Management Group was undertaken.

Most of the new guideline refers to formalizing the operations, procedures, protocols and practices of the LDMG, creating an audit tool and the provision of standard templates.

The guidelines will result in a number of changes which will need to be implemented by the LDMG.

Some concerns were raised in relation to community resilience, meeting procedure, training, the yet to be developed audit tool and the document not adhering to current operational planning guidelines.

2nd Draft Evacuation Guidelines Review

A review of the 2nd Draft Evacuation Guidelines released for comment by the State Disaster Management Group was undertaken.

A number of concerns were raised in the first draft that were corrected in the 2nd version, however a number of concerns regarding evacuation mapping and confusion to the public remain an issue in the second draft, and have been brought to the attention of the Department.

Emergency Alerts

The following emergency alerts were received during the month:-

- Thursday 7 July 2011 – 5.20 am - No threat tsunami alert – undersea earthquake of 7.8 magnitude near Kermadec Islands Region.
- Sunday 12 July 2011 – 11.12 am - No threat tsunami alert – undersea earthquake of 7.2 magnitude off east coast of Honshu, Japan.
- Tuesday 12 July 2011 – 7.02 am - No threat tsunami alert – undersea earthquake of 6.6 magnitude near Negros, Philippines.
- Saturday 23 July 2011 – 3.02 pm - No threat tsunami alert – undersea earthquake of 6.5 magnitude off east coast of Honshu, Japan.
- Friday 29 July 2011 – 5.59 pm - No threat tsunami alert – undersea earthquake of 6.6 magnitude off south of Fiji Islands.

Emergency Management Website

The Emergency Management website content was reviewed and updated during the month.

Updates included:-

- The addition of Alternatives to Sandbags Information,
- Changes to 2011/12 Emergency Services Rating Levy,
- Updates on stores stocking sandbags.
- The addition of Queensland Reconstruction Authority links and documents on house repairs.
- The addition of CSIRO flood repairs information.

Meetings and Conferences

- Attendance at a meeting on 5th July 2011 with the Good Shepherd Lodge to discuss emergency/evacuation plans for the Aged Care Facility.
- Attendance at a meeting on 5th July 2011 regarding SES Training/Functions, the Emergency Wardens Project and initial discussions on the establishment of a LDMG Recovery Committee and functional Sub-Committees.
- Attendance at a meeting on 6th July 2011 with the Regional Aged Care Facilities Operators at Good Shepherd Lodge to discuss emergency/evacuation plans for their Aged Care Facilities.
- Attendance at the meeting on the 13th July 2011 with emergency services regarding the Alpha Coal Proposal at the request of Mackay District Disaster Coordinator.
- Attendance at a meeting on 21st July 2011 with the members of the District Disaster Management Group on a presentation and overview of the All Hazards Disaster Management Program being undertaken by Emergency Management Queensland over the next three years. The meeting provided a forum for providing feedback and promoting the direction of the program. A further directions meeting is to be held on the 4th August 2011.
- Attendance at a meeting on 22nd July 2011 regarding the Draft Pioneer River Flood Study being undertaken by WRM consultants.
- Attendance at a meeting on 22nd July 2011 regarding the review of the GIS Mapping and Asset Management System.
- Attendance at the Guardian User Group Meeting on 26th July 2011 in Bundaberg.

New and upcoming features of the Guardian system were demonstrated and users were given an overview of the new website and registered users links.

The group is promoting joint training, common terms and position descriptions, sharing information, user helpdesk forums and to drive the direction of the Guardian System.

The group decided to meet annually on a State basis immediately prior to the LGAQ Disaster Management Conference and meet regionally as part of the Central Qld Disaster/Emergency Management Officers Alliance on a bi-annually basis at the commencement and end of the wet season.

- Attendance at the Local Government Association Disaster Management conference on 27th/29th July 2011 in Bundaberg.

Some of the common themes throughout the conference were planning, preparation, training, building relationships prior to events, communications, the use of Facebook and Twitter, public education, promoting resilience and situational awareness.

- Discussions with Civil Operations and Property Services regarding the relocation of the Bedford Road Emergency Public Access Sand Stockpile for filling sandbags. With the closure and demolition of the

Bedford Road Depot an alternate site needs to be found and advertised prior to the commencement of the 2011/12 storm season which officially commences in three months. A suggested site near the PCYC on Norris Road, North Mackay is currently being investigated.

- A discussion with Bunnings staff in relation to the donation of approximately \$44,000.00 in equipment to the Mackay Regional State Emergency Service.

NDRRA Claims – Counter Disaster Operations

Claimable costs for Counter Disaster Operations for TC Ului, December 2010 rain events, Emerald Assistance and TC Anthony/TC Yasi were verified and prepared during the month totalling \$292,551.60. The claim will be forwarded to EMQ in early August.

Planning

Mackay Local Disaster Management Plan and Operational Plans

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

Aged Care Facility Emergency/Evacuation Planning

A meeting was held on 6th July 2011 with the Regional Aged Care Facilities Providers to establish a communication network between Aged Care Facilities and Council/LDMG, to build an understanding of each of the facilities emergency plans, to share information, to create capacity awareness of both facilities and emergency services, to promote resilience and strengthen inter-facility cooperation, to encourage facilities to test their plan via desktop exercises and to assist facilities in improving planning under an all hazards approach.

Emergency management staff will continue to work with and act as advisors with the facilities providers over the coming months.

Projects / Mitigation Strategies

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

Storm Surge Study

This project is now being undertaken by the Planning and Development Program to meet the requirements of the Coastal Planning Guidelines.

A briefing for tenders is expected to be issued by mid August and the project completed by April 2012.

Community Emergency Wardens Project

A meeting to discuss progress on the project was held 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.

SES Functions/ SES Instructors Project

Nil.

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 scheduled 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 Sections and relevant Directors to discuss project opportunities under funding available from the Queensland Reconstruction Authority (\$250,000 over two years).

It was resolved that a recommendation for a Community Resilience Project Officer to be employed within the Community Development Section for two years ending 30th June 2013.

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 and Special Needs Register Project.

A position description was prepared and the position has been advertised with applications closing on 25th July 2011. Interviews for the position are scheduled for 3rd August 2011.

Pioneer River Flood Study

The draft of the Pioneer River Flood study was released to Council in June 2011 and a review was conducted on 22nd July 2011 with WRM consultants. It is expected that the study will be released for public consultation in the near future.

SES Update

Completed Workplace health and Safety course to better understand SES, EMQ and MRC responsibilities and obligations to SES volunteers in the workplace

Current Unit Volunteer strength of the SESMRU using Emergency Management Queensland (EMQ) training records is **288** active volunteers.

Current operational asset readiness is at **95%**; we are currently experiencing longer than expected delays on the replacement of SES chainsaws. We have been informed of a further four weeks delay before achieving 100%.

Activations

Nil.

Alteration to the SESMRU Chain of Command

Nominations for the four Deputy Controller positions are currently being collected by EMQ

Asset Turnover

Turnover of assts from Mackay Regional Council Fleet/Plant

Mirani Vertical Rescue trailer replaced with new custom trailer
Mackay Vertical rescue trailer replaced with new custom trailer

Additional Assts from sponsors

Public Education and Operations Trailer \$ 13,000



Additional Assets Donated

Nil.

Other Donations

Nil.

Courses Completed, all of Unit

High Risk

Safe Working at Heights	09	new operators
Land Search	18	new operators
Chainsaw practice	30	maintained competency

Low Risk

Operate communications
Incident Management
Traffic Control
Casualty Handling
SES Safety

Public Education

Events Attended

Armstrong Beach Group Open Day Saturday 2nd

QUALITY ASSURANCE

Number of Completed Maintenance Requests Surveyed for Customer Satisfaction

Civil Operations - 90
Parks and Environment - 45
Water Services - 104

Number of Construction Projects Surveyed for Customer Satisfaction

0

Number of Customer Satisfaction Survey Results Finalised

2

Number of IMS Documents Reviewed and Updated

Standard Operating Procedures - 6
Forms - 15
Booklets - 3
Knowledge Reviews - 21
Diagrams - 6

Number of New IMS Documents Commenced

Standard Operating Procedures - 3
Knowledge Reviews - 16
Forms - 1

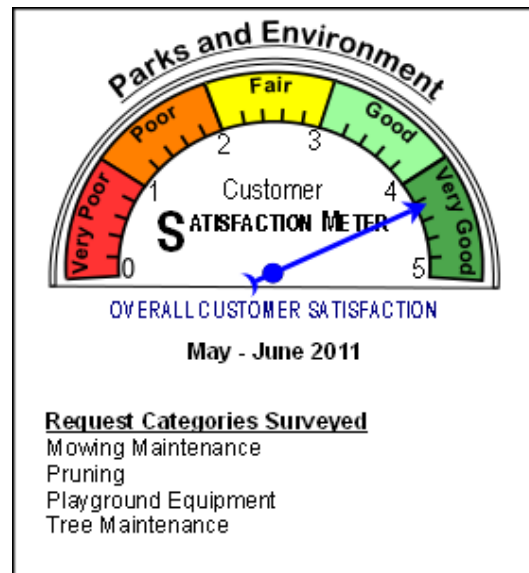
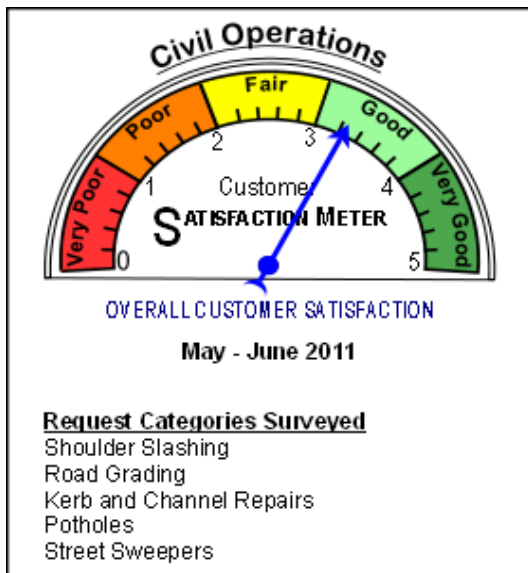
Number of Work Sites Visited

4

Number of Internal Quality Audits Conducted

Nil

Customer Survey Results



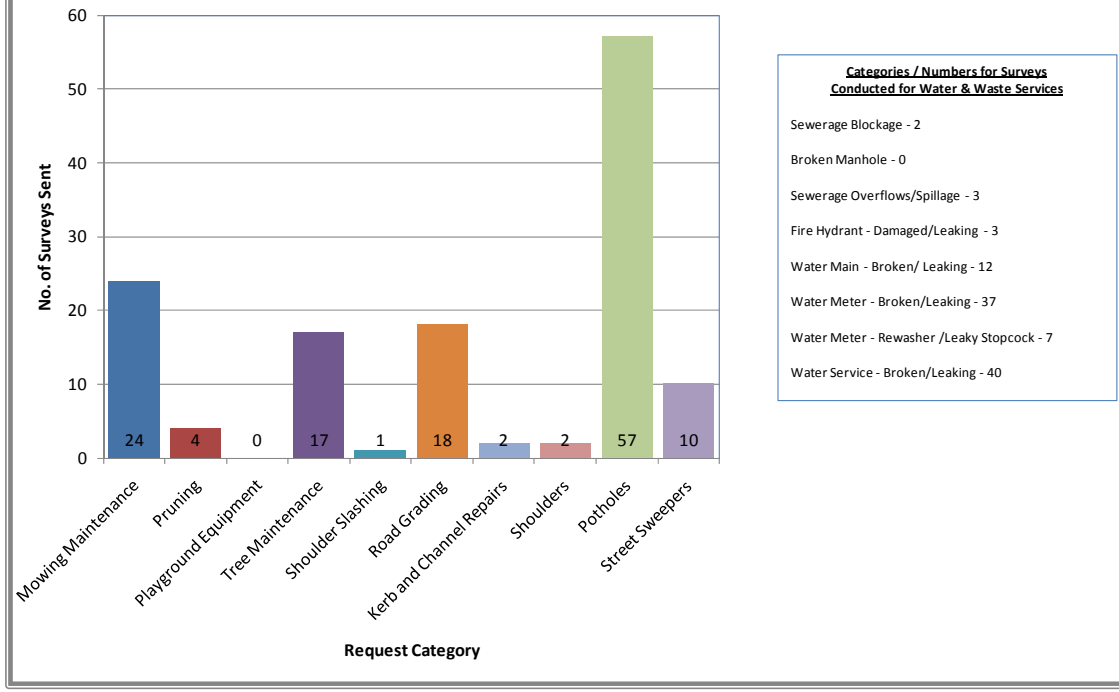
Maintenance Requests

Satisfaction surveys are posted to customers at the end of each month. The results are reported bi-monthly on a per Program basis.

Construction Projects

Satisfaction surveys are letter-boxed/hand delivered to customers on project completion. The results are reported on a per project basis.

EXTERNAL MAINTENANCE SURVEY FORMS - JULY 2011
Engineering Services



Consultation

There has been consultation with Engineering Services Program Managers.

Resource Implications

Nil.

Conclusion

Extensive works have been undertaken across all operational areas with construction crews now programmed to undertake capital projects after spending the later part of the financial year assisting road maintenance crews.

Both contract crews and Council's staff are undertaking significant works associated with flood restoration projects.

Council's readiness for the upcoming wet season in terms of Emergency Management will also be a major focus over the coming months.

Officer's Recommendation

THAT this report be received.