

2013

Standing Committee Meetings –
Technical Services



NORTH BURNETT
REGIONAL COUNCIL

EIDSVOLD

North Burnett Regional Council

July 16, 2013

Attendees	Agenda Item 1	Attendees	<u>DOCUMENT ID 346125</u>
Welcome	Agenda Item 2	Welcome / Housekeeping	
Apologies	Agenda Item 3	Apologies	
Declaration	Agenda Item 4	Declaration of Interest	
Deputations	Agenda Item 5	Deputations	
Infrastructure	Agenda Item 6	Infrastructure Report	
	6.1	Technical Services Internal Section Reports	003-022
	6.2	Eidsvold Weed Wash Down Facility – Report No. 2	023-024
	6.3	Queensland Water Regional Alliance Program (Q-WRAP)	025-026
	6.4	Plant Purchase	027-028
	6.5	NBRC Flood Mitigation Study – Tender Applications	029-034
General Business	Agenda Item 7	General Business	
Closure of Meeting	Agenda Item 8	Closure of Meeting	

INFRA 01 – TECHNICAL SERVICES INTERNAL SECTION REPORTS

REPORTING PERIOD FROM 20/05/13 to 19/06/13

Responsible Officer: Ken Palmer – Director Technical Services

Report prepared by: Technical Services Staff

1 PURPOSE OF REPORT

To inform Council of major activities undertaken by the Technical Services Department in the reporting period.

2 CORPORATE / OPERATIONAL PLAN

Community Infrastructure and Disaster Management

“1.3 Infrastructure Delivery”:

Strategically plan, provide or facilitate community infrastructure and facilities that will meet community needs.

3 POLICY IMPLICATIONS

All relevant NBRC Policies are adhered to where applicable.

4 STATUTORY REQUIREMENTS

All relevant Standards and Codes are applied where required.

5 RISK MANAGEMENT

Risk management is an integral part in the planning and delivery of infrastructure services by the Technical Services Department.

6 CONSULTATION

Internal consultation occurs formally fortnightly at Technical Services Management meetings and informally through briefing sessions with Councillors and staff.

Technical Services staff engage with Government agencies, other agencies and with the wider community on an ‘as needs’ basis.

7 OPTIONS FOR COUNCIL TO CONSIDER

For information only.

8 OFFICER’S COMMENTS / CONCLUSION

Nil

9 RECOMMENDATIONS

That the report be received.

Reporting Period: 20/05/2013 to 19/06/2013

Council Maintained Roads/Streets**SEALED ROADS**

Town	Work Details	Status [% complete]
Mount Perry	Slash shoulders Kerwee, Scrub, Park Reserve and Stony Hill Roads	100%
Mundubbera	Pothole patching on Hawkwood Rd, Coonambula Rd , Boondooma Rd Slashing Hawkwood Rd , Boondooma Rd , Coonambula Rd , A creek Rd , Riverleigh School Bus Rd , Augustine Rd, Coonambula-Eidsvold Rd	100% for slashing
Monto	Other slashing Crania, Bukali and Yarrol Roads	
Gayndah	Pot hole patching Guide post spraying	Ongoing
Eidsvold	Slashing roadside Kerwee Road	100%
Biggenden	Patching has been done in Richard St.,	
FUTURE WORKS		
Mount Perry	Bitumen patching as required	
Gayndah	Gayndah Mundubbera Road – grade shoulders. Boondooma Road(Dunolly section) – grade shoulder	
Monto	Bitumen patching as required. Complete roadside slashing.	
Mundubbera	Bitumen patching as required. Complete roadside slashing.	
Eidsvold	Bitumen patching as required.	
Biggenden	Drainage work to be done at Elizabeth St., next week.	

UNSEALED ROADS

Town	Work Details	Status [% complete]
Mt Perry	Patch grading on Swindon Road Gravel and grade Little Reid's Creek Rd Harpurs Rd R2R regravell Grade Bells Gully Rd	100%
Gayndah	Grade Pile Gully Road	
Monto	Other maintenance grading. Netz Road completely 6.420. Pine Mountain Road 10.490km Graded Evans Road completely 3.35km Graded Aberfeldie Road completely 7km	
Mundubbera	Maintenance grading done by contractors New Cardarga, Hochmuth, Sanderson's , Millers , Dykehead, Taylors ,North Pattens, Mount Narayen, Walkers roads	100%
Eidsvold	Maintenance grade and drainage on Nerangy, Deepbank/Coonambula roads	100%
Biggenden	Grading has been done on the following roads, Delly's, Kukar, Pearce, Stanton Harcourt, and Hetherington's.	
FUTURE WORKS		
Mount Perry	Full maintenance grade of Swindon Rd Full maintenance grade for Kalliwa Rd Patch gravel on Yarrol and Twin Creeks Rd Prepare site for Skip Bin at Mt Perry Waste facility	
Gayndah	Patch gravel and grade Pile Gully Road Patch gravel and grade Grays Road	
Monto	Move to gravel realignment at Wingfield Cattle Creek on Old Rawbelle Road on 19.06.2013. Working on Goody's, Glenleigh and Kariboe Roads.	
Mundubbera	Maintenance grading done by contractor , Derra Derra , Back Derra Derra , Janke ,Baskerville , Mundowran , Bald Hills-Norris Corner roads	
Eidsvold	Grade and drain Barrule and Cheltenham roads	
Biggenden		

Reporting Period: 20/05/2013 to 19/06/2013

ROAD MAINTENANCE PERFORMANCE CONTRACT [RMPC]

Town	Work Details	Status [% complete]
Mount Perry	Gravel pushed for regravels works to be carried out in August 5875-5219-429 – Gayndah Rd Gravel pushed for regravels works to be carried out in August 5876-4861-429 – Monto Rd	100%
Gayndah		
Monto	Slashing finished to Eidsvold on the Gayndah Monto Road	70%
Mundubbera	Pothole patching Burnett Highway, Reclaimer work on Eidsvold-Theodore road	
Eidsvold	Rest area servicing and roadside litter collection (rural)	Ongoing
Biggenden	Patching has been done on the following roads, Biggenden Childers, Biggenden Maryborough, Booyal Dallarnil, Biggenden Gooroolba, Biggenden Coalstoun Lakes, Goomeri Gayndah, Gayndah Monto, Durong, and Gayndah Mt. Perry. The following roads have been slashed, Biggenden Childers, Biggenden Coalstoun Lakes, Biggenden Childers, and Booyal Dallarnil. The overhead bridge approaches have been patched. The Biggenden Childers and Biggenden Coalstoun Lakes Roads have had over hanging branches removed. The abandoned car on the Booyal Dallarnil Road has been removed to the dump.	
FUTURE WORKS		
Mount Perry	Grading Monto Road Straighten and replace edge markers on Gayndah Rd Straighten and replace edge markers on Monto Rd Bitumen patching as required	
Gayndah		
Monto	Slash Wuruma Dam Road Heavy grade and gravel top up on Biloela Road. Ongoing patching of roads and town streets.	
Mundubbera		
Eidsvold	Bitumen patching and guide post replacement. Rest area servicing, roadside litter collection(rural)	
Biggenden	A shoulder repair on the Biggenden Childers Road at Cobbii Creek to be done this Friday.	

Reporting Period: 20/05/2013 to 19/06/2013

ROAD PERFORMANCE CONTRACT [RPC]

Town	Work Details	Status [% complete]
Mount Perry	Nil	
Gayndah		
Monto	TMR RPC Cania Road widening and overlay, pavement works complete, primer seal complete.	95%
Mundubbera	Eidsvold-Theodore road pavement failures part of WBYP 890	80%
Eidsvold	Pavement strengthening job WBYP 890.	90%
Biggenden		
FUTURE WORKS		
Mount Perry	Nil	
Gayndah		
Monto	Install signs and guide posts.	
Mundubbera	NIL	
Eidsvold	Eidsvold/Theodore road pavement strengthening job WBYP890	
Biggenden		

Reporting Period: 20/05/2013 to 19/06/2013

TOWN CREW

Town	Work Details	Status [% complete]
Mount Perry	Slashed industrial estate area	
Gayndah	Town street and toilet clean Cemetery mow and clean Spray sports field clover.	On going
Monto	Mowing, cleaning gutters, servicing rest areas and tending gardens, airport and cemeteries.	Ongoing
Mundubbera	Parks & gardens mowed , cleaned Town streets mowed , cemetery mowed & tidy , bollards put in at archer park sports shed	
Eidsvold	Service public conveniences, mow parks and street shoulders, mow and whipper snip both Cemeteries, commence repairs to the paver path in Apex park.	
Biggenden	The town crew has been busy mowing grass and doing general maintenance.	
FUTURE WORKS		
Mount Perry	Ongoing Mowing/Slashing and maintenance and rubbish collection, toilet cleaning	
Gayndah	Towns and Parks maintenance	
Monto	Mowing, cleaning gutters, servicing rest areas and tending gardens, airport and cemeteries.	
Mundubbera	As above + work on gardens at Bicentennial Park	
Eidsvold	Complete path repairs Apex park, continue regular parks maintenance.	
Biggenden	The rose bushes in one of the gardens are to be pulled out and replanted this week. Pots in Edward Street are having the old plants pulled out and replanted this weekend.	

CAPITAL PROJECTS

Town	Work Details	Status [% complete]
Mount Perry	Nil	
Gayndah	Boondooma Road R2R Resheet Gayndah-Mundubbera Rd Blue Rocks has been primer sealed (TIDS). Gayndah Mundubbera Rd. Wains has had 1.1km primer sealed and culverts installed on balance of project (TIDS). Penwhauppel Road R2R gravel resheet complete Wigton Road gravel resheet	95% 95% 60% 100% 75%
Monto	Move to gravel realignment at Wingfield Cattle Creek on Old Rawbelle Road on 19.06.2013 Rocky Creek crossing on Monal Road.	65%
Mundubbera	R2R gravel Resheeting on McCord's rd.	65%
Eidsvold	NIL	
Biggenden		
FUTURE WORKS		
Mount Perry	Nil	
Gayndah	Black Horse Road R2R resheet Gayndah Mundubbera Road Wains prepare and primer seal a further 300metres and complete wings to box culvert(TIDS) Wigton Road R2R complete gravel resheet	
Monto	Finish off cement work at Rocky Creek on Monal Creek.	
Mundubbera	R2R gravel Resheeting on McCord's rd. , Boondooma rd.	65%
Biggenden		

PRIVATE WORKS

Town	Work Details	Status [% complete]
Mount Perry	Resident 1 – Transport of plant Resident 2 – Backhoe Hire	
Gayndah	Resident 1 - gravel private rd. Resident 2 - seal driveway Resident 3 - concrete driveway Business 1 - Spray patch Resident 4 - spray driveway Resident 5 - supply premix	100%
Monto	No private works this month	
Mundubbera	Leichhardt Lodge driveway	80%
Eidsvold	Rubbish collection Wuruma Dam	
Biggenden	A private access road for Resident 1 was graded while the grader was in the area. The private access road for Resident 2 was graded and rolled while they were in the area. The gully erosion repairs for Main Roads are continuing.	
Mount Perry		
FUTURE WORKS		
Mount Perry	Resident 1 – Gravel and Grade Access	
Gayndah		
Monto		
Mundubbera		
Eidsvold	Rubbish collection Wuruma Dam	
Biggenden		

PART B Flood Restoration Works

Prepared by: Ray Strohfeltd

2010/11 Works:-

Works from the 2010/11 event are now completed and the final claim has been submitted to the Queensland Reconstruction Authority (QRA). QRA auditors are currently inspecting the completed works prior to approving the final payment from QRA.

2013 Event:-

1. Holding Works:-

Emergent works were completed as of 30th April; any access or safety issues will be undertaken as holding works. A procedure has been developed with Customer Service Staff and the Works Supervisors to investigate and process requests that require holding works.

2. Inspections Summary:-

Total road length	Total Roads assessed as damaged	Km's assessed as damaged	% road damaged
4,019 km	3,394 km (84%)	389 km	10%

Currently we have inspected all accessible roads, all bridges, all water and sewerage, all parks and buildings. Inspections have now ceased, any missed data will be added as identified.

Reinspection of 20 missing roads where data did not download into the QRA portal has been completed.

3. Submissions Summary:-

	Number	Value(exc GST)
Total Submissions in QRA Portal	47	\$106,396,857
Signed off and submitted to QRA	45	\$105,527,480
Approved by QRA	28	\$61,204,955

4. Betterment Summary:-

From Council's initial betterment submission list, the top 8 projects have been further progressed through submitting Betterment Proposal Forms to QRA. A further 2 projects will be added to these eight.

- Gayndah Water Supply Intake (approved 15th May)

Reporting Period: 20/05/2013 to 19/06/2013

- *Gayndah Mundubbera Road*
 - *Biggenden Landfill*
 - *Monto Effluent Recycling Tanks*
 - *Cattle Creek Floodway*
 - *Old Rawbelle Road Floodway's*
 - *Kariboe Road Floodway's*
 - *St John's Goldfield Road Floodway*
5. Procurement/Tenders:-
- *Request for Tender for Construction Project Management/Superintendent from 5 Local Buy Project Management Consultancy Services closes Friday 28th June, evaluation report to Council on Tuesday 9th July.*
 - *North and South Road Restoration packages request for tender to the four shortlisted Contractors closes Friday 12th July; evaluation report to Council on Tuesday 30th July.*
6. Meeting/s Held/Stakeholder Engagement:-
- *QRA Board meeting and tour on Monday 20 May.*
 - *First Program Control Group meeting held on Wednesday 29 May.*
 - *Project Management Office/QRA fortnightly operational meeting held on Monday 3rd June.*
7. Key Issues:-
- *Investigations are proceeding on alternative solutions for the washed out section of Browns Road. After the QRA Board site tour, QRA have requested an alternative to reinstating the road beside the existing alignment.*
 - *Gravel supplies will be an issue – have mapped the location of known quarries, the majority may need a temporary increase in 5000t/year limit. Consultants have been engaged to investigate the gravel/quarry options further.*
 - *Gayndah Mundubbera Road – betterment submission – GHD to finalise design, then a peer review by Cardno on flood resilience. Again, after the QRA Board tour, the flood resilience of the current alignment has been raised.*
 - *Have submitted a change of scope Form 4 for Mundubbera Water Intake and Rising Main.*
8. Future Activities:-
- *Bridge Design and Construct tender to open market, survey in progress.*
 - *Survey, geotechnical investigations and design for separate roads package. Survey, geotechnical investigations and design for water and sewerage projects.*

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PART D BRIDGES

Prepared by: Tyronne Meredith

Current Maintenance

- The program to inspect the regions timber, steel and concrete bridges has been completed. The final reports of these inspections will be completed within the next week.
- Construction has commenced on side-tracks around a number of bridges in the Gayndah area. These bridges have been identified for repair or replacement in 13/14.

Capital

Stewart's Bridge

- Work has continued on the rebuild of Stewart's Bridge. A side track has been reconstructed around the site and is under traffic control to allow movement around the site. This project is expected to continue into the next financial year.

Shallcross Bridge

- Work has been completed on the construction of a concrete culvert crossing on Shallcross Road to replace an existing timber structure. Signage for this crossing will be completed in the near future.

Cattle Creek

- Work has commenced on the realignment of Old Rawbelle Road at Cattle Creek. The alignment of the new road has been cleared and a section of the road has been constructed. Preliminary plans for the proposed crossing structure have been received.

Flagstone Bridge

- Work has been completed on the repair of drainage to the approaches of Flagstone Bridge. This work involved the construction of catch drains in the cutting on the western approach to the bridge.

Rocky Creek Bridge

- Work has continued on the construction of a pipe culvert crossing on Monal Road at Rocky Creek. The installation and backfilling of the pipe culverts has been completed with the top slab and batters to be completed in the near future.

Flood Damage

Major Damage

- The existing side-track has been re-established around Waratah Bridge. A new side-track has been constructed around Dahtler's Bridge. These side-tracks allow for access for residents in the Monal area.

Forward Program Maintenance

Capital

- Work will continue on the rebuild of Stewart's Bridge.
- Work will continue on the construction of the pipe culvert crossing on Monal Road at Rocky Creek. The existing side track will enable work to be completed without major disruptions to local traffic.
- Design work will commence on the development of a bridge replacement program

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PART E BUILDINGS AND FACILITIES

Prepared by: Rachael Bonanno

Maintenance

- As of 19 June 2013, there are 69 open tasks to be actioned.
- Approximately 50 tasks have had orders issued and are awaiting completion by the contractor.
- During the month approximately 70 task requests were completed.

Construction

Works in Progress

Cania Dam Recreation Shed:

- Order has now been issued for the works.
- Soil tests have been completed and plans are currently being developed.

Eidsvold SES Shed:

- Order has now been issued for the works.
- Soil tests have been completed and plans are currently being developed.

Mundubbera Depot Firewall:

- Plans have been obtained for the new firewall.
- Local contractors have been approached to quote on the project
- It is anticipated that these works will be able to be completed prior to end of financial year.

Forward Program

- Works will continue on maintenance as well as finalising the last of the capital projects for the financial year.

PART G WATER AND SEWERAGE

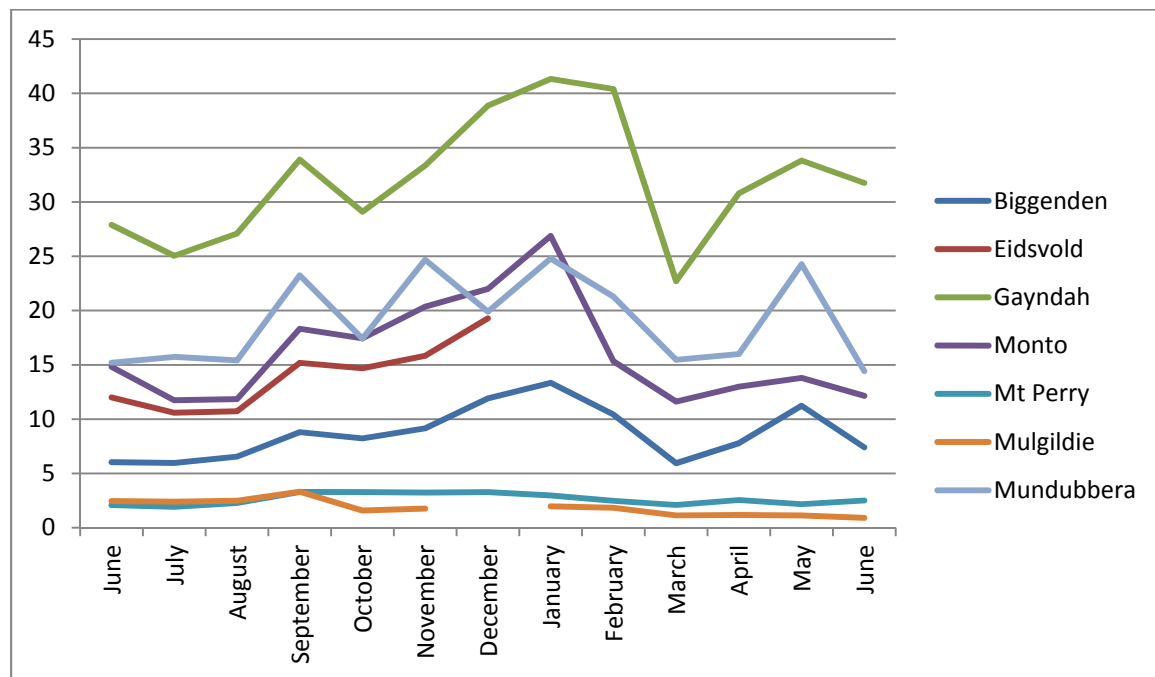
Prepared by: Trevor Harvey

Water Operations

Monthly Statistics

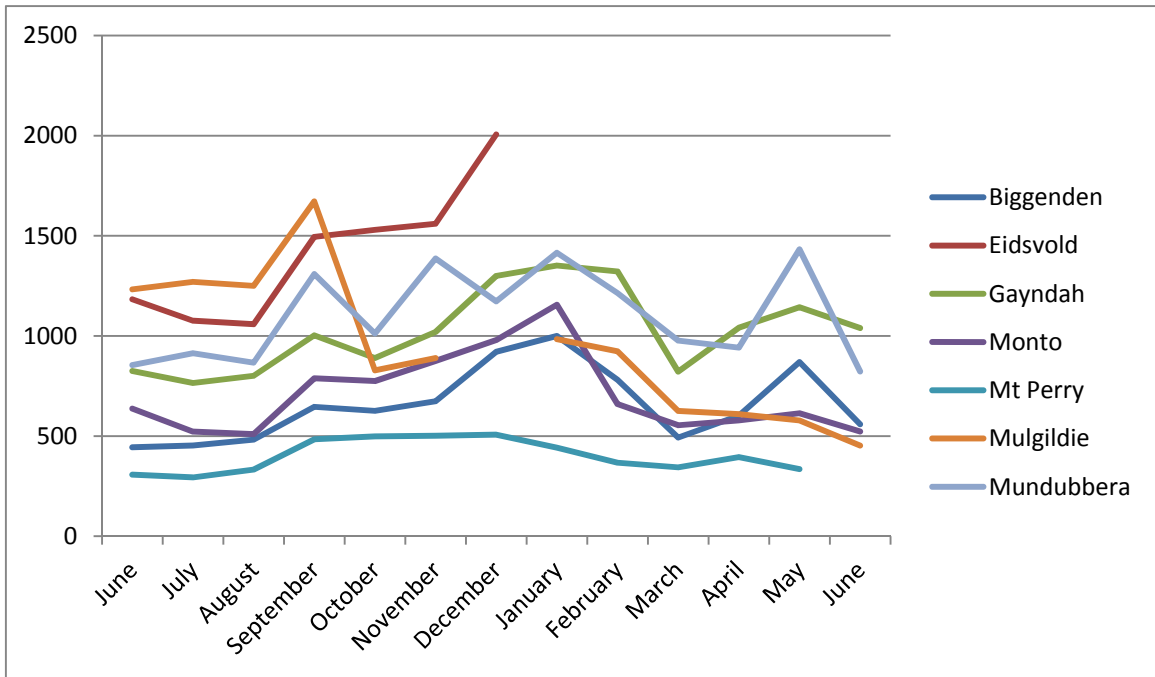
Lower consumption figures can be directly related to the weather conditions, Gayndah consumption reflects lack of adherence to the imposed water restrictions.

Figures for Eidsvold are not able to be reported due to damage of the flow meter during the January flood.

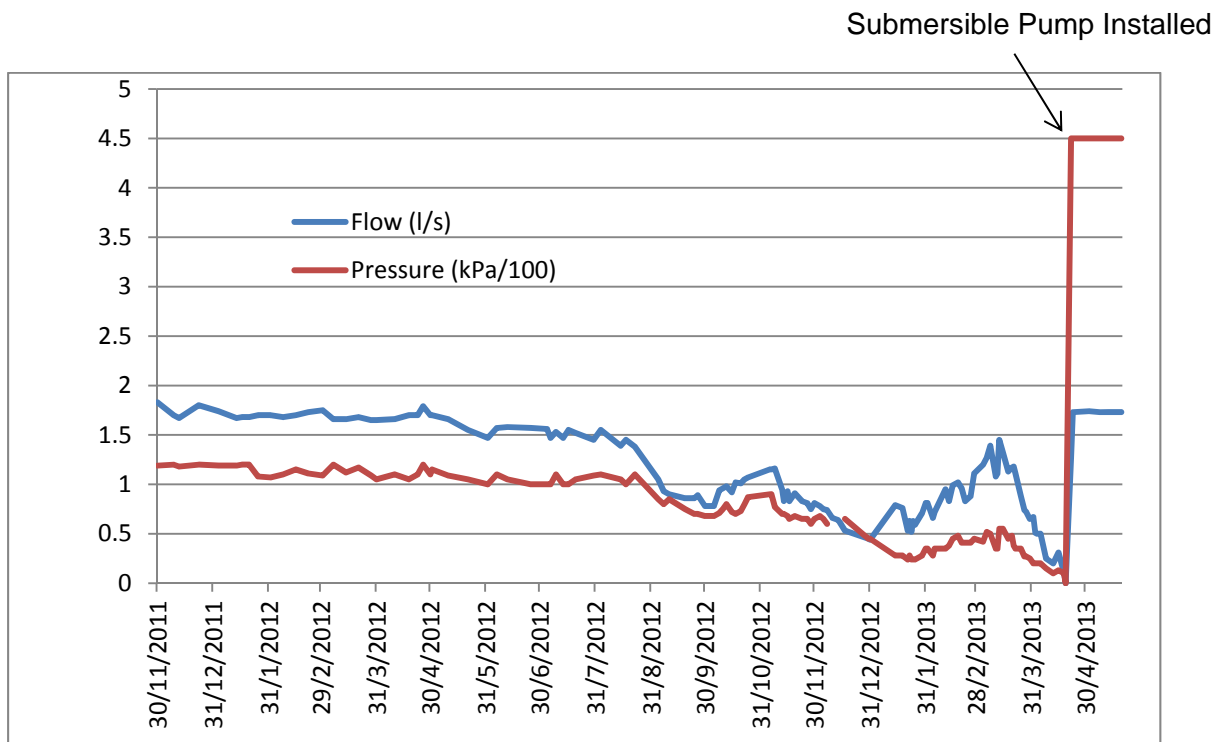


Raw Water Consumption in ML

Reporting Period: 20/05/2013 to 19/06/2013

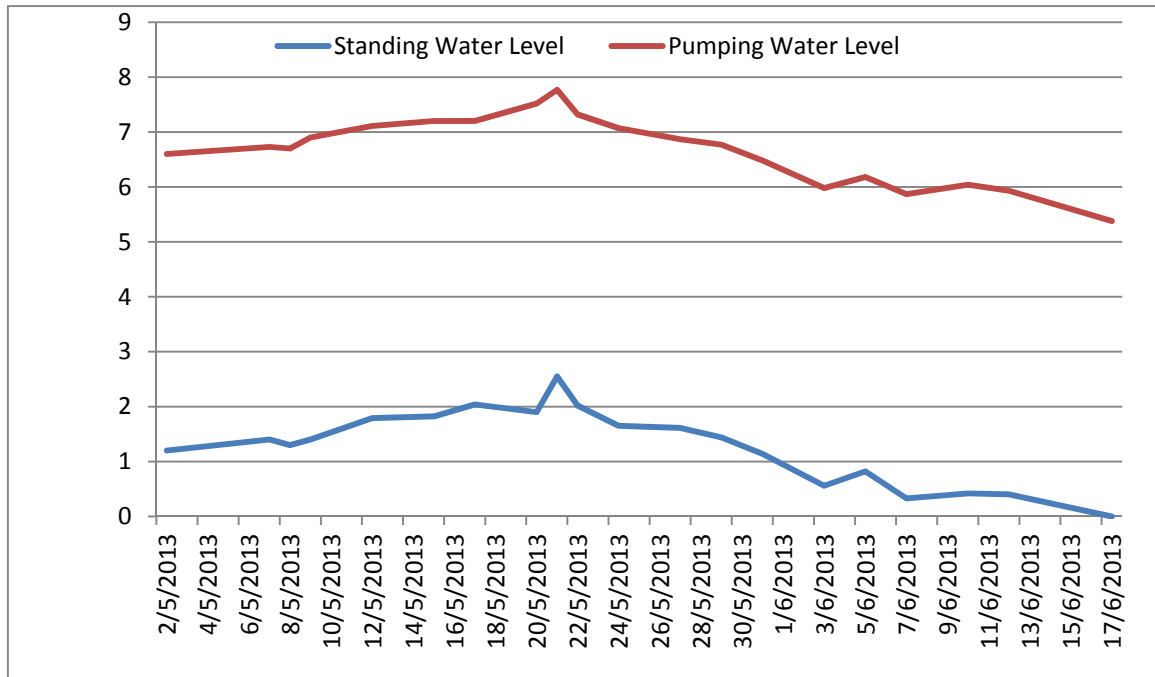


Water Consumption Litres/Connection/Day



Mulgildie Artesian Bore Production

Reporting Period: 20/05/2013 to 19/06/2013



Mulgildie Artesian Bore Level

Water Maintenance:

Biggenden

Work was of routine nature during the month.

Eidsvold

Work was of routine nature during the month.

The quotation documents for the replacement of the flood damaged raw water pump switchboard have been issued.

Gayndah

Work was of routine nature during the month

Monto

Work was of routine nature during the month.

The tender documents for the replacement of the flood damaged raw water rising main are in final draft form with issue expected in the next week.

Mount Perry

Work was of routine nature during the month

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Mundubbera

The repaired raw water back-up pump has been installed, connected and tested.

The QRA submission for the proposed scope change for the water intake replacement has been completed and submitted.

Mulgildie

The standing and pumping water levels from the raw water supply bore continued to be monitored during the month.

Belridge Resources reduced water take from their bore late May due to pumping problems and ceased operation early June. A corresponding improvement in the artesian bore operation has been noted with the bore free flowing again mid June. The pump installation will continue as the free flow rate is not enough to sustain the town.

Currently there is uncertainty regarding the future of the study to review any influences between the Belridge bore and the Mulgildie bore. Council is supplying information for this research.

Sewerage Maintenance

Biggenden

Routine work

Eidsvold

Routine work

Gayndah

Repairs to the No5 Pump Station lifting frame and switchboard are completed, telemetry work is still outstanding.

The two manholes that were identified in the recent smoke testing of the sewerage reticulation system in the Barrow Street region have been resealed.

The results of the study have been documented and the report given to the compliance department for action.

Monto

Routine Work

Mundubbera

Routine work

Capital Works:

Biggenden Sewerage Treatment Plant Upgrade

The Imhoff Tower repair has been completed and commissioned.

Reporting Period: 20/05/2013 to 19/06/2013

The new sludge drying beds have been completed and will come on-line after the Imhoff Tower has started to produce sludge.

The modifications to the third lagoon have been completed including the adjustment of the water level. Outstanding work is topping up the small gravel section of the pond.

Raw sewerage filtration modifications have been completed.

Recent water quality testing has already shown improved results from work completed to date.

Gayndah Reticulation System

The report for the Gayndah water reticulation pressure modelling has been completed to draft form. The expected final report has still not been received.

Gayndah Reservoir Roof Project Plan

The first draft of the project plan for the replacement of the AC roof sheeting on No1 reservoir has been received.

Monto Reservoir Roof Project Plan

The first draft of the project plan for the replacement of the AC roof sheeting on No1 & No2 reservoirs has been received.

Monto Sewerage Treatment Plant

Work on the sludge recycling system has commenced. This work will be completed by mid June.

Work on the new sludge beds has also commenced with completion planned for late June.

Monto Water Main Replacement.

Work has commenced on the first part (2012/13 allocation) of the Monto mains replacement project. The initial work will be mains replacement in Lyell Street followed by mains in Boyle and Royal Lanes. Some material purchase for the Flinders Street work will also be completed by the end of the financial year.

Mundubbera Water Main Augmentation

All major works associated with the main augmentation have been completed. Pressure logging to validate the theoretical modelling has been completed. The results of the testing show discrepancies with the theoretical modelled expectations. Further analysis of the test results are occurring to determine whether fire flows and pressures have been achieved at different locations within the reticulation system.

Mundubbera Water Treatment Plant

The corroded pipework replacement project has been completed. This includes the replacement of the expansion joints in the supply and overflow lines beneath the elevated reservoir.

Reporting Period: 20/05/2013 to 19/06/2013

PART I LAND PROTECTION

Prepared by: Neale Jensen

PLANT TYPE	FUTURE ACTIONS
<p>ELEMENT 5 Element 5 funding of \$90,000 for the control of Declared Plants on State Controlled Roads within the NBRC will be expended by the end of this financial year. Funding for the next year (2013 – 2014) will be reduced by \$20,000</p>	
<p>DEPARTMENT OF TRANSPORT MAIN ROAD Advice received at a meeting held May 28th that NBRC was allocated another \$82,000 to spend on Declared Plants on State controlled roads. Three (3) contractors have been employed because of the time frame to carry out the work. Plants targeted under this scheme are - Parthenium, Lantana, Rubber vine African Love Grass, Leuceana, Maderia Vine, Groundsel, yellow Bells, Broad Leaf Pepper and Easter Cassia.</p>	
<p>DEPARTMENT OF AGRICULTURE, FORESTRY & FISHERIES A Property in the Biggenden area has been nominated for the location of a Parthenium Site to trial a new Bio Control for the next 4-5 years. This will be Monitored by DAFF & NBRC. The property owner has agreed to fence the proposed area.</p>	On going
<p>BURNETT MARY REGIONAL GROUP A meeting was held between BMRG & NBRC to discuss mapping areas flooded and the possibility of infestation of Parthenium. A meeting will then will be held in August to discuss available funding towards a two year project. \$2500 worth of chemical will be purchased to help landholders with this project.</p>	On going
<p>OTHER LPO DUTIES</p> <ul style="list-style-type: none"> ❖ Mother of Millions – Monto & Mount Perry area's ❖ Giant Rats Tail – Increasing number of plants in all area's - treatment ❖ Lantana - Trails with splatter guns on Towns Creek Road, Normanby Road, Sandy Camp Road, Sunday Creek Road, Eight Mile Road, Smokers Gully Road, Gurgeena Road and Humphrey/Binjour Road. 	

Reporting Period: 20/05/2013 to 19/06/2013

<ul style="list-style-type: none"> ❖ Parthenium - Treatment on Bukali Scrub, Mulgildie Plateau, Dakiel District, Chomell Road, Splinter Creek and Burnett River. ❖ Grader Grass in Gayndah and Biggenden ❖ Groundsel - Treatment in Biggenden and Gayndah ❖ Hudson Pear - Inspections Mundubbera ❖ Regrowth/Visibility clearing ❖ Guide Post spraying on main and shire roads ❖ Cattle removal on Main and Shire Road. ❖ 1080 Workshop at Woocoo - re new Legislation 	
<p>FORWARD LIST OF WORKS</p> <ul style="list-style-type: none"> ❖ 1080 for Wild Dogs & Feral Pigs ❖ Mother of Millions ❖ Parthenium Inspections and Control ❖ Giant Rats Tail Inspections and Control ❖ African Love Grass ❖ Element 5 ❖ T.M.R contract ❖ Visibility Clearing 	

Neale Jensen
Land Protection Co-ordinator

Responsible Officer: Ken Palmer – Director Technical Services

Report prepared by: Trevor Harvey- Assistant Director Technical Services

1 PURPOSE OF REPORT

The purpose of this report is to advise Council and QGC of project status for the funded construction of the Eidsvold Weed Wash down Facility. Council permission is also requested for the use Lot 43LY201 for construction of access to the facility as well as quarantine plots for the liquid disposal.

2 INTRODUCTION / BACKGROUND

A funding agreement between QGC and Council was jointly signed in early May for the construction of a Weed Wash Down Facility opposite the saleyards in Eidsvold.

McMurtrie Consulting Engineers (MCE) had identified two possible locations for the wash station opposite the Eidsvold Saleyards.

A stake-holder meeting was recently held in Eidsvold to discuss the project with potential users. There was a unanimous agreement in selecting the location with a few options raised regarding traffic flow and liquid dispersal.

The preferred options from a Council perspective are to limit the use of private land for either traffic flow or liquid disposal. To achieve these significant areas of Lot 43YL201 will be needed to construct the access as well as establishing the quarantine areas needed for disposal.

Other progress has been the negotiations with DTMR regarding requirements for the highway intersection.

3 COMMUNITY / CORPORATE / OPERATIONAL PLAN

The construction of the Weed Wash Down facility addresses goals detailed in the Corporate Plan Outcome 5.1 & 5.5

4 POLICY IMPLICATIONS

Nil

5 STATUTORY REQUIREMENTS

Statutory requirements as detailed by DTMR & DEHP will be identified and detailed in the tender document scope for pricing.

6 FINANCIAL IMPLICATIONS

The NBRC financial implication for this project is an in-kind contribution. This will be identified in the proposed 2013/14 Capital Budget.

The first QGC payment covering Phase 1 Stage 1 has been received by Council.

7 RISK MANAGEMENT

Risk management regarding all aspects of this project (including traffic management, WPH&S and environmental) will be addressed during phase 1 of the project.

8 CONSULTATION

Consultation with statutory bodies has commenced.
Stakeholder meeting with users, Council and MCE has occurred

9 OPTIONS FOR COUNCIL TO CONSIDER

Information only

10 OFFICER'S COMMENTS

In addition to this regular report fortnightly telephone conferencing is occurring with NBRC & QGC for progress reporting and to highlight any potential problems.

11 ATTACHMENTS

Nil

12 RECOMMENDATION

It is recommended that Council approve the use of Lot 43YL201 for both access road and quarantine areas needed for the construction of the weed wash facility.

Responsible Officer: Ken Palmer – Director Technical Services

Report prepared by: Trevor Harvey- Assistant Director Technical Services

1 PURPOSE OF REPORT

The purpose of this report is to advise Council of progress of the Q-WRAP pilot program as agreed to by the WBBROC

2 INTRODUCTION / BACKGROUND

Three meetings between the water representatives of the WBBROC members have been completed as part of the Q-WRAP pilot project. Consensus has been achieved in establishing ten areas of importance to all water supply providers that need a more detailed analysis to identify possible areas of collaboration. This will be pursued within the group.

In addition to the above it has also been agreed that an external review of water & sewerage pricing arrangements and asset management & planning arrangements needs to be completed.

A specification for the review was endorsed and a QTC presentation will be given at the next meeting in July to discuss Council requirements for this analysis.

3 COMMUNITY / CORPORATE / OPERATIONAL PLAN

Active membership of Q-WRAP relates to the Community Plan Infrastructure Water section, the Corporate Plan Outcome 1 section 1.3 Infrastructure Delivery and the 2012/103 Operational Plan Section 1.3

4 POLICY IMPLICATIONS

Nil

5 STATUTORY REQUIREMENTS

Nil

6 FINANCIAL IMPLICATIONS

The only financial implication known at the time of writing is officer's time to attend meetings

7 RISK MANAGEMENT

Nil.

8 CONSULTATION

Continuous consultation with other ROC members Water & Sewerage departments and Qldwater.

9 OPTIONS FOR COUNCIL TO CONSIDER

Information only

10 OFFICER'S COMMENTS

To ensure understanding of requirements for the next phase of this project it is recommended that a financial representative accompany the Q-WRAP delegates to the July meeting in Maryborough.

11 ATTACHMENTS

Nil

12 RECOMMENDATION

It is recommended that Council approve a Financial representative attend the next meeting.

Infra No. 4 Plant Purchase

Responsible Officer: Ken Palmer – Director Technical Services

Report prepared by: Trevor Harvey- Assistant Director Technical Services

1 PURPOSE OF REPORT

The purpose of this report is to advise Council of the sale by auction of two low hours second hand John Deere graders.

2 INTRODUCTION / BACKGROUND

Council has been advised that two John Deere 770GP graders complete with Blade Pro laser control systems will be auctioned by Manheim's. One unit with 2,000hrs of service will be auctioned on the 10th July in Brisbane and the other with 1,500hrs of service will be auctioned in Townsville on 25th July.

Both graders are the property of a large construction company and have been used only as final trim machines.

The proposed plant replacements for 2013/14 include one grader as does the program for 2014/15.

3 COMMUNITY / CORPORATE / OPERATIONAL PLAN

The recommendations are in line with the Corporate Plan Outcome 1 section 1.1 – Roads & Drainage.

4 POLICY IMPLICATIONS

Nil

5 STATUTORY REQUIREMENTS

Nil

6 FINANCIAL IMPLICATIONS

The financial implications of the recommendation are the potential plant replacement savings by purchasing low usage second hand equipment.

7 RISK MANAGEMENT

The risk associated with the purchase is undeclared operational issues that have occurred during the previous ownership. The risks can be minimised by the scrutiny of the service records if available.

Transfer of dealer's warranty is also being investigated.

8 CONSULTATION

Nil.

9 OPTIONS FOR COUNCIL TO CONSIDER

The options for Council are to either approve or not approve the proposed purchase of good quality second hand equipment.

10 OFFICER'S COMMENTS

The purchase of second hand large equipment with low operation hours and maintaining the current policy change-over schedule (total hours of operation) means a lower annual depreciation expense.

The purchase of good second hand equipment also results in more plant exchanges for the capital allocation.

11 ATTACHMENTS

Nil

RECOMMENDATION

That Council approves the purchase at auction of second hand low hours plant that meets operational needs and complies with the plant replacement program.

Responsible Officer: MJP Pitt – Chief Executive Officer
Report prepared by: MJP Pitt – Chief Executive Officer

1 PURPOSE OF REPORT

The purpose of this report is to advise Councillors in regard to selection of a successful tender for the NBRC Flood Mitigation Study.

2 INTRODUCTION/BACKGROUND

Funding was received through for a Flood Mitigation Study through Department of Local Government, Community Recovery and Resilience Council was successful in obtaining funding assistance through the Local Government Grants and Subsidies Programme – Local Government Floods Response Subsidy. Upon announcing the funding Community Recovery and Resilience Minister David Crisafulli stated:

“North Burnett Regional Council will also receive \$150,000 towards conducting a flood mitigation study of vulnerable towns including Abercorn, Mundubbera, Monto and Eidsvold. This will be the first comprehensive flood study ever conducted in the North Burnett despite years of regular flooding. It will give council a clearer picture of where to locate early warning systems and how to minimise the impact of future floods on residents, property and infrastructure.”

The funding agreement was signed on 8 May 2013 by Council with tenders closing on 6 June 2013. Assessment has been undertaken of the tenders received with an initial assessment of all tenders received than a short listing of the top 5 submitted tenders. From this short list a successful tender is recommended to Council at the Technical Services Meeting of 16 July 2013.

3 CORPORATE/OPERATIONAL PLAN

Strategic Focus 5.11 Disaster Management: 5.11.4 Flood mitigation study conducted and recommendations considered by Council.

4 POLICY IMPLICATIONS

Study will assist with future prioritisation of flood mitigations projects and disaster management planning.

5 STATUTORY REQUIREMENTS

Local Government Act 2009; Disaster Management Act 2003

6 RISK MANAGEMENT

Consideration of flood mitigation action which may or may not be viable on the basis of business case analysis.

7 FINANCIAL

Grant funding received Of \$150,000 with \$30,000 received as and advance payment in the 2012 – 13 financial year. Next milestone event report is due 30 July 2013. Council contribution of \$100,000 provides a total budget of \$250,000.

13 tenders received and median price for the tender was \$122,147.23 exc. GST. Recommended tender submission \$109,548.00 exc. GST. Remaining funds to go towards development of a full business case for the first priority identified through the mitigation study.

8 CONSULTATION

Department of Local Government, Community Recovery and Resilience with Bundaberg and Gympie Regional Council who are undertaking similar studies. Public call for tender submissions through newspaper advertisements, web site and social media pages.

9 OFFICER'S COMMENTS/CONCLUSION

The North Burnett Regional Council's Flood Mitigation Study is a region-wide project aiming to identify the real cost of flood events and to assess the viability of a range of flood mitigation options based on technical and economic analysis. Ultimately, Council's objective is to minimise the economic, social, environmental and reputational impact of flood events within a constrained funding environment. This is only possible based on a sound understanding of the real social and economic cost of flood impacts.

This project is about identifying and evaluating potential measures and does not guarantee that funding will be available – rather, Council wants to be in a strong position to negotiate with the Queensland and Australian Governments drawing on a business case that demonstrates the benefit of targeted flood mitigation works.

It is recommended that Engeny Water Management be awarded the tender. Deliverables from this tender will include the following items:

- Executive Summary
- Description and results of the work undertaken (as per project scope)
- Flood mapping and figures showing location and typical sections of the preferred mitigation options
- Cost benefit analysis that is sufficient to incorporate into a business case

- Recommendations on future works
- Business Continuity and Recovery Plan

10 ATTACHMENTS

- Expressions of Interest NBRC Flood Mitigation Study Brief

RECOMMENDATION

That North Burnett Regional Council award Tender No. 2305/2012-13/TTB/37NBRC Flood Mitigation Study to Engeny Water Management.

That North Burnett Regional Council establishes a project steering committee to oversee Tender No. 2305/2012-13/TTB/37NBRC Flood Mitigation Study and appoint the following persons to this committee:

- Mayor Don Waugh – Chair
- Deputy Mayor Faye Whelan
- Cr Paul Lobegeier
- Cr Paul Francis
- Cr Jo Dowling
- Cr John Bowen
- Cr Lofty Wendt
- CEO Mark Pitt
- Development Services Manager – Lex Webster
- Disaster Management Officer – Vicki Callahan

Expressions of Interest North Burnett Regional Council Flood Mitigation Brief

Introduction

The townships of the North Burnett and their surrounds are well known for their strong agricultural base and show a consistent history of flooding from the Burnett, Auburn and Boyne Rivers and numerous creek systems. Recent significant events have resulted in five separate floods of varying significance over the last two years.

The record of significant floods in the Burnett River extends back to the middle of last century. The flood record at Mundubbera commences with the 1942 flood when the river peaked at 23.62 metres. At Gayndah, records extend back to 1864 with over 15 events exceeding the 10 metre level. Since then, floods have been traditionally below this level. Importantly, the 2013 January event exceeded the 1942 levels in areas across the region.

This community resilience is now being challenged by the frequency of recent 2 flood events combined with the growing community awareness regarding national flood mitigation programs and the fact that no comprehensive economic and technical analysis has been previously undertaken within the region.

The impact of a significant flood event as seen in both the 2010-11 and 2013 events has many direct and consequential costs including:

- Damage to public infrastructure
- Financial cost to businesses directly impacts
- Loss of income to the broader business community due to the inability to trade
- Reputational damage
- Loss of business and community confidence
- Increased recurrent costs e.g. insurance premiums
- Emotional and financial impact on the community

With five events in two years and the recently released Climate Commission Report that indicates that the North Burnett can expect higher risk of heavy rainfall there is a responsibility to at least identify the real cost to the community of flood events. An extension of this will be the consideration of flood mitigation action which may or may not be viable on the basis of business case analysis. Technically anything can be put in place; the issue is at what cost and

what corresponding benefit is achieved. Importantly the first priority is to establish the real cost to the community of flooding and then analyse the options.

Ultimately the objective is to minimise the economic, social, environmental and reputational impact of flood events. This can only be achieved when an accurate understanding of the real social and economic cost of a flood event are researched.

Gayndah/Previous Flood Studies

The Gayndah Flood Study was completed in February 2008 which identified the potential risk of the Burnett River flooding the Gayndah Township. The study produced peak flow levels, velocities and depths for various AEP Flood Events.

Information previously prepared by SunWater identifying inundation under various dam break scenarios is the only other known data available for the Townships and affected rural areas across the region.

Whilst the focus of any flood mitigation will be on the townships along the Burnett River, data to provide early warning to rural residents along the Burnett, Boyne and Auburn Rivers will be invaluable in preserving property and life.

Any existing technical studies which have been undertaken within Council's jurisdiction are planned to be used to contribute to providing as much flood data as possible.

Project Methodology

- 1. Establish Steering Committee incorporating Local Community Groups and Business Committee's ie Chambers of Commerce.**
- 2. Project Scope**

North Burnett Regional Council (Council) seeks to identify ways and mechanisms to minimise the economic, environmental, social and reputational impacts of flood events particularly to the towns of Gayndah, Mundubbera, Monto and surrounding townships within the region. By engaging economic and engineering consultants and working with members of the local community and State Government, Council seeks to identify a range of flood mitigation options to be implemented to reduce the vulnerability of key locations within the Region being affected by the impacts of flooding and to reduce the costs that flooding has on the community. Through a variety of mitigation options it is aimed to increase the resilience of the community to any future flood events to these towns and their surrounds thus providing a safe place to live, work and enjoy within the North Burnett Region.

3. Collection of data relating to:

- a. Economic impacts;
- b. Environmental impacts; and
- c. Social impacts

The data relating to these components will principally be in the form of an impact analysis. Flood data such as flood levels, hydrology etc. can be sourced from the Gayndah Flood Study 2008, Council databases and the Bureau of Meteorology.

Social and Economic data can be sourced through Rapid Damage Assessments, Evacuee Centre Nominal Rolls and Request for Assistance Forms. Each of the 6 regional townships has a representative for the Economic and Social Recovery Group and specific data is available through external Government and Non-Government agencies.

4. Determination of cost to the community of flood events of varying magnitudes

5. Development of mitigation options including preliminary costs

Structural and non-structural mitigation options will be explored as part of this phase.

6. Cost benefit analysis of mitigation options for arrange of flood scenarios

7. Production of report outlining:

- a. Future mitigation activities to be undertaken.
- b. Funding proposals and sources.

Notes

A minor component of the study will be a review of operational arrangements currently in place relating to flood event co-ordination and communication for the business community. It is envisaged that a Business Continuity Plan and Business Recovery Plan would be the outcome of this part of the project. The content of the study may also be used to inform future emergency management, land use planning and emergency response activities.

Timelines

Project Completion – 30 September 2013

Project Cost

All proposals should give a fixed overall cost for the project broken down into consultant fees, travel, accommodation and other expenses including all disbursements (inc GST)

Terms of Payment

A program of payments against the abovementioned deliverable should be provided including a final project payment on presentation of a final report at the end of the contract engagement.

Project Management and Reporting Lines

Consultants will report through the Chief Executive Officer.

Lodgement of Tenders

Expression of Interest must be submitted to the Chief Executive Officer, clearly marked with the tender number on the front of the envelope and address the prescribed criteria to the address detailed below by 4:30 pm on 6 June 2013.

Tender No. 2305/2012-13/TTB/37NBRC Flood Mitigation Study
PO Box 390
Gayndah QLD 4625
Fax: 07 - 41611425

Insurance

Respondents should provide details of Professional Indemnity and Public Liability Insurance

Contact Details

For further information interested persons should contact:

Mark Pitt
Chief Executive Officer
North Burnett Regional Council
1300696272
admin@northburnett.qld.gov.au