### 5.04. NDRRA PROGRESS REPORT #13 - JAN/FEB 2016

**REPORT AUTHOR(S):** Scott Hahne, NDRRA Project Engineer Paul Hoye, General Manager Operations

**DEPARTMENT:** Infrastructure Services

# **RECOMMENDATION**

That Council notes the results achieved to date and the future projections contained in the 2014 NDRRA PCG Monthly Report 13 – Jan/Feb 2016.

### **EXECUTIVE SUMMARY**

Monsoonal flooding between 7-9 February 2014 and during Tropical Cyclone Ita on 11-14 April, 2014 caused extensive damage to existing infrastructure within the Shire. This report details progress to date concerning the restoration program under the Natural Disaster Relief and Recovery Arrangements.

### **BACKGROUND**

Between 7-9 February 2014 monsoonal flooding occurred within the Douglas Shire and was followed between 11-14 April 2014 by Tropical Cyclone Ita. Both these events caused extensive damage to Council infrastructure, mainly roads, within the Shire.

Council's Management Team set up a Project Control Group to manage the Natural Disaster Relief & Recovery Arrangements (NDRRA) and assist in the mitigation of project delivery risk to Council.

In accordance with the NDRRA requirements, Douglas Shire Council submitted a number of funding applications to restore the damaged infrastructure and Council has been successful in securing substantial funding.

Current funding arrangements for the completion of the restoration for the damaged assets require the completion of all works by June 2016.

The attached report provides an update of the progress to date with the restoration program.

# COMMENT

Council has engaged a Project Engineer, Project Finance Officer and a Traffic Management Officer to assist in the management of projects associated with the NDRRA, including the control of finances and acquittal of funding associated with the restoration of essential assets. Council officers continue to work with officers from the Queensland Reconstruction Authority, consultants, contractors and the community to ensure the successful delivery of all works.

# FINANCIAL/RESOURCE IMPLICATIONS

Refer to Attachment 1 - Section 2 for financial implications.

# **RISK MANAGEMENT IMPLICATIONS**

Refer to Attachment 1 – Section 12 for identified risks and mitigation proposals.

### SUSTAINABILITY IMPLICATIONS

**Economic:** The reconstruction of damaged essential public infrastructure is

necessary to provide safe and useable transport networks for the movement of goods and services, particularly in rural areas. The adequacy and condition of the road networks also relates to the ability of tourists and tourist operators to access the various areas and

communities in the Shire.

Environmental: Reconstruction of landslips, roads and drainage reduces the

environmental impacts caused by heavy rain and erosion.

Social: A well maintained and safe road network is vital for ensuring

communities are connected and have access to goods, services and

community networks.

# CORPORATE/OPERATIONAL PLAN, POLICY REFERENCE

This report has been prepared in accordance with the following:

# Corporate Plan 2014-2019 Initiatives:

### Theme 5 - Governance

- 5.1.1 Establish and develop long term financial, resource and infrastructure planning to ensure ongoing capacity to fund operations and capital works programs.
- 5.1.2 Implement a robust enterprise risk management culture to identify and manage potential risks.
- 5.1.3 Monitor and regularly review procurement practices to ensure legislative compliance and "value for money".

# **COUNCIL'S ROLE**

Council can play a number of different roles in certain circumstances and it is important to be clear about which role is appropriate for a specific purpose or circumstance. The implementation of actions will be a collective effort and Council's involvement will vary from information only through to full responsibility for delivery.

The following areas outline where Council has a clear responsibility to act:

Asset-Owner Meeting the responsibilities associated with owning or being the

custodian of assets such as infrastructure.

Part-Funder Sharing the cost of a program or activity with other

organisations.

# **CONSULTATION**

Internal: NDRRA Project Control Group

**External:** Technical Consultants

Queensland Reconstruction Authority

Transport Industry
Tourism Industry

Indigenous Corporations

Business Industry

Community: Nil

**ATTACHMENTS** 

Attachment 1 2014 NDRRA PCG Monthly Report #13 – Jan/Feb 2016



# TROPICAL CYCLONE ITA AND ASSOCIATED RAINFALL AND FLOODING 11-14 APRIL 2014

# NDRRA PROJECT CONTROL GROUP MONTHLY REPORT

Doc#770762

| MONTH                | FEBRUARY 2016 |
|----------------------|---------------|
| REPORT STATUS DATE   | REV 1         |
| REPORT PREPARED DATE | 29/03/2016    |
| REPORT SEQUENCE No.  | Thirteen (13) |
| PREPARED BY          | Scott Hahne   |

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# 1 GLOSSARY

CDO Counter Disaster Operations

GST Goods & Services Tax

NDRRA Natural Disaster Relief & Recovery Arrangements

QRA Queensland Reconstruction Authority
REPA Restoration of Essential Public Assets

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# 2 FINANCIAL SUMMARY

| (all excluding GST amounts)  External Funding  Total Claimed to Date:  Total Approved to Date:  Total Rejected to Date:  Total Pending Assessment: | \$26,488,459<br>\$23,290,092 (not including trigger amount of \$192,732.00)<br>\$3,198 367<br>\$0  |
|--|--|
| Revenue Total Able to Claim to Date: Claimed for Month of February: Total Received to Date: Total Outstanding Total Remaining to claim             | \$21,536,519 Note last 10% not claimable until QRA acquitted \$38,546 \$20,285,897 \$1,250,622 \$1,159,800 Note assumes against Forecast Final QRA Funding value below, not current QRA approved value |
| Expenditure Total Project Management Total REPA Total Emergent/CDO Total to Date Total Commitments outstanding                                     | \$2,535,308<br>\$18,588,549<br>\$728,104<br>\$21,851,962<br>\$0.00   |
| Expenditure for Month of February:<br>Net Current Cashflow   | \$597,180<br>-\$1,970,432  |
| Scope Changes<br>Schedule Changes<br>Non - Schedule Changes<br>Total Changes   | \$7,240,650<br>\$16,198<br>\$7,534,864   |
| Forecasts Forecast Final Expenditure Forecast Final QRA Funding Surplus/Shortfall  | \$22,696,319.<br>\$22,496,724.<br>-\$199,595   |

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# **Scope Changes:**

# Non-Scheduled changes to date

| QRA<br>Id | DSC<br>Package | DSC<br>Var.<br>Id | Description                                  | Cost \$   | QRA<br>Approved<br>Amount \$ | Comment                                |
|-----------|----------------|-------------------|--|-----------|------------------------------|--|
| 01.14     |                | 01                | Access to 10 mile & China Camp Rds           | 5,698.35  | -                            | To be claimed from QRA                 |
| 03.14     | RFT01          | 01                | Final trim to Cape Tribulation Bloomfield Rd | 6,500.00  |                              | Not Approved by QRA                    |
| 03.14     | RFT01          | 02                | Delay claim assessment – Scott Earthmoving   | 4,000.00  |                              | To be claimed from QRA via contingency |
|           |                |                   |  |           |                              |  |
|           |                |                   | TOTAL  | 16,198.35 |                              |  |

Note: Figures in red are estimates; figures in black are confirmed amounts

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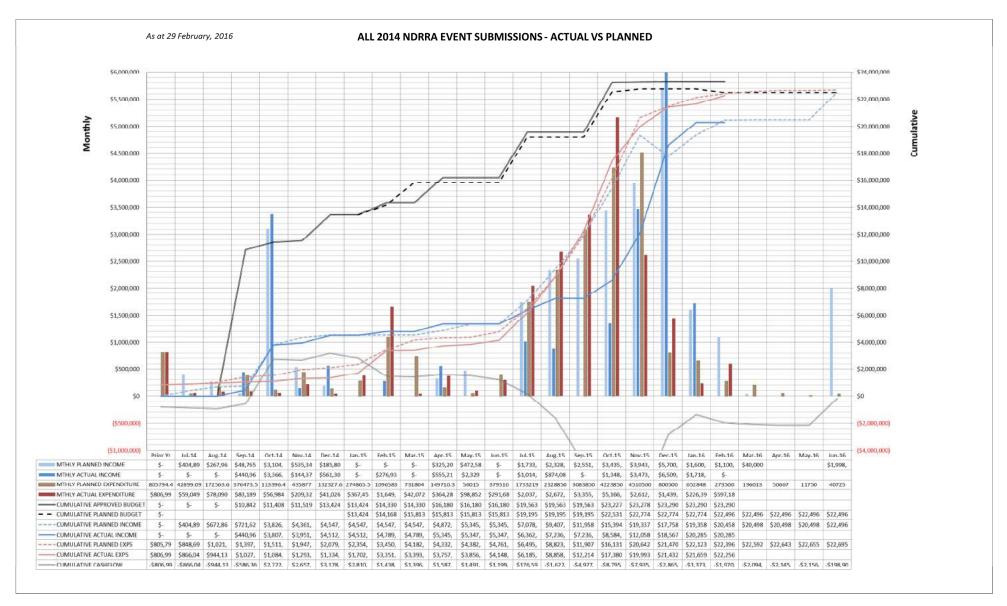
# Scheduled quantity changes to date

| DSC Id         | QRA Id      | Original<br>Approved<br>Budget \$ | Latest<br>Approved<br>Budget \$ | Forecast Final<br>Budget \$ | Forecast Final<br>Cost \$ | Expected<br>Scope<br>Change \$   | Expected<br>Scope Change<br>% | Completed to date \$ | Completed to date % |
|----------------|-------------|-----------------------------------|---------------------------------|-----------------------------|---------------------------|----------------------------------|-------------------------------|----------------------|---------------------|
| Nth Rds        | DoSC .01.14 | 2,161,850.24                      | 7,227,086.33                    | 7,344,340.29                | 7,428,683.08              | 5,266,832.84                     | 243.6%                        | 7,392,683.08         | 99.5%               |
| Sth Rds        | DoSC .02.14 | 5,458,056.22                      | 7,997,996.52                    | 7,929,702.57                | 8,026,068.57              | 2,568,012.35                     | 47.0%                         | 7,770,987.57         | 96.8%               |
| Scott E/M      | DoSC .03.14 | 1,755,339.00                      | 2,661,178.00                    | 1,702,553.06                | 1,702,553.06              | -52,785.94                       | -3.0%                         | 1,702,553.06         | 100.0%              |
| DoSC .04.14    | DoSC .04.14 | 36,069.63                         | 36,069.63                       | 36,069.63                   | 48,765.00                 | 12,695.37                        | 35.2%                         | 48,765.00            | 100.0%              |
| DoSC .05.14    | DoSC .05.14 | 510,110.37                        | 510,110.37                      | 510,110.37                  | 515,811.00                | .00 5,700.63 1.1%                |                               | 515,811.00           | 100.0%              |
| DoSC .06.14    | DoSC .06.14 | 111,109.38                        | 111,109.38                      | 111,109.38                  | 8 111,109.38 0.00 0.0%    |                                  | 111,109.38                    | 100.0%               |                     |
| DoSC .07.14    | DoSC .07.14 | 1,549.01                          | 1,549.01                        | 1,549.01                    | 1,549.01                  | 0.00                             | 0.0%                          | 1,549.01             | 100.0%              |
| DoSC .08.14    | DoSC .08.14 | 1,644.57                          | 1,644.57                        | 1,644.57                    | 2,135.00                  | 490.43                           | 29.8%                         | 2,135.00             | 100.0%              |
| DoSC .09.14    | DoSC .09.14 | 33,265.39                         | 33,265.39                       | 33,265.39                   | 33,265.39                 | 0.00                             | 0.0%                          | 48,735.03            | 100.0%              |
| DoSC .10.14    | DoSC .10.14 | 52,606.80                         | 52,606.80                       | 23,288.91                   | 23,288.91                 | 23,288.91 -29,317.89 -55.7% 23,2 |                               | 23,288.91            | 100.0%              |
| not to be done | DoSC .11.14 | 452,156.18                        | 452,156.18                      | 0.00                        | 0.00                      | -452,156.18                      | -100.0%                       | 0.00                 | 0.0%                |
| Landslip       | DoSC .14.15 | 4,356,027.84                      | 3,667,412.70                    | 4,323,833.98                | 4,323,833.98              | -32,193.86                       | -0.7%                         | 3,819,181.42         | 88.3%               |
| DSC            | DoSC .15.15 | \$ 464,831.75                     | \$ 464,831.75                   | 409,037.30                  | 409,037.30                | -55,794.45                       | -12.0%                        | \$ 409,036.61        | 100.0%              |
| CREB           | DoSC .16.15 | \$ 61,052.46                      | \$ 61,052.46                    | 70,219.85                   | 70,219.85                 | 9,167.39                         | 15.0%                         | \$ 6,127.54          | 8.7%                |
| TOTAL          | TOTAL       | 15,455,668.84                     | 23,278,069.09                   | 22,496,724.31               | 22,696,319.53             | 7,240,650.69                     | 46.8%                         | 21,851,962.61        | 96.3%               |

Note: 1. Forecast Final Cost is based on QRA approved budget adjusted for actuals known to date. 2. Expected Scope Changes is based on actuals known to date 3. Coloured rows indicated QRA acquitted and values firm.

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# Cashflow



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# 3 PROGRESS DURING PERIOD

(Total % Complete to Date based on construction activities completed)

| (Total % Compl                                       | CIC IO  | Daie           | Jaseu                | OH COI                 | istruct               | ion ac               | uvilles  | comp            | ieteu)   |                             |         |               |         |              |       |                  |                    |                          |
|--|---------|----------------|----------------------|------------------------|-----------------------|----------------------|----------|-----------------|----------|-----------------------------|---------|---------------|---------|--------------|-------|------------------|--------------------|--------------------------|
| QRA Identifier                                       | Scoping | QRA Submission | Engage<br>Consultant | Design & Documentation | Request for<br>Tender | Engage<br>Contractor | Clearing | Bulk Excavation | Culverts | Ground Surface<br>Treatment | Resheet | Stabilisation | Sealing | Geotechnical | Other | QRA Finalisation | Federal Acquittals | Comments                 |
| DoSC.01.14 –<br>Northern Rds                         | 100     | 100            | 100                  | 100                    | 100                   | 100                  | 100      | 100             | 100      | 100                         | 100     | 100           | 100     | N/A          | N/A   | 50               |                    | Construction<br>Complete |
| DoSC.02.14 –<br>Southern Rds                         | 100     | 100            | 100                  | 100                    | 100                   | 100                  | 100      | 100             | 100      | 100                         | 100     | 100           | 100     | N/A          | N/A   |                  |                    | Construction<br>Complete |
| DoSC.03.14 –<br>Cape Trib<br>Bloomfield rd<br>(part) | 100     | 100            | 100                  | 100                    | 100                   | 100                  | 100      | 100             | N/A      | 100                         | 100     | N/A           | N/A     | N/A          | N/A   | 100              |                    | Fully Complete           |
| DoSC.014.15<br>- Landslips                           | 100     | 100            | 100                  | 100                    | 100                   | 100                  | 100      | 100             | 100      | 100                         | 100     | N/A           | N/A     | 100          | N/A   |                  |                    | Construction<br>Complete |
| DoSC.15.15 –<br>North of<br>Wujal Rds                | 100     | 100            | N/A                  | N/A                    | N/A                   | 100                  | 100      | 100             | N/A      | 100                         | 100     | N/A           | N/A     | N/A          | N/A   | 100              |                    | Fully Complete           |
| DoSC.16.15 –<br>CREB track                           | 100     | 100            | N/A                  | N/A                    | N/A                   | N/A                  |          |                 |          |                             |         |               |         |              |       |                  |                    |                          |
| DoSC.11.14 –<br>Not<br>Applicable                    | 100     | 100            | N/A                  | N/A                    | N/A                   | N/A                  | N/A      | N/A             | N/A      | N/A                         | N/A     | N/A           | N/A     | N/A          | N/A   | 100              |                    | Fully Complete           |
| DoSC.10.14 -<br>Acquitted                            | 100     | 100            | N/A                  | N/A                    | N/A                   | N/A                  | 100      | 100             | 100      | 100                         | N/A     | N/A           | N/A     | N/A          | N/A   | 100              |                    | Fully Complete           |

Note: Construction activities % complete refers to number of defects in QRA package completed

# 4 PROGRAM (TIME AND PROGRESS)

- Original Date <u>for Practical Completion for entire program 30 June 2016</u>
- Expected Date of Practical Completion for entire program May 2016
- Expected Date of Practical Completion for major construction February 2016
- Summary of Funding Status
  - Additional funding requests to QRA:
    - o McDowall Lane landslip additional area rejected- unable to link to event
- Summary of Design & Document Program Status:
  - Nil outstanding
- Summary of Tendering Program Status:
  - Nil outstanding
- Summary of Construction Program Status:
  - CREB track package outstanding

The current works status program is attached at **Appendix A** 

# 5 WORKPLACE HEALTH & SAFETY

- Incidents to report
  - North Roads Package
    - Nil to report
  - South Roads Package
    - Nil to report
- Actions completed
  - Nil to report

# 6 TRAFFIC MANAGEMENT

- TGS Applications Submitted Nil
- Reported Incidents Nil

## 7 ENVIRONMENTAL

Nil to report

# 8 QUALITY ASSURANCE

Nil to report

# 9 COMMUNITY LIAISON

• One complaint concerning inadequate cleaning of cattle grid - ongoing

# 10 LOCAL INDUSTRY PARTICIPATION

During reporting period:

Nil to report

# 11 QUEENSLAND RECONSTRUCTION AUTHORITY

- Hosted two visits from QRA liaison officer;
- Provided progress reporting to QRA

# 12 PROJECT RISKS & MITIGATION

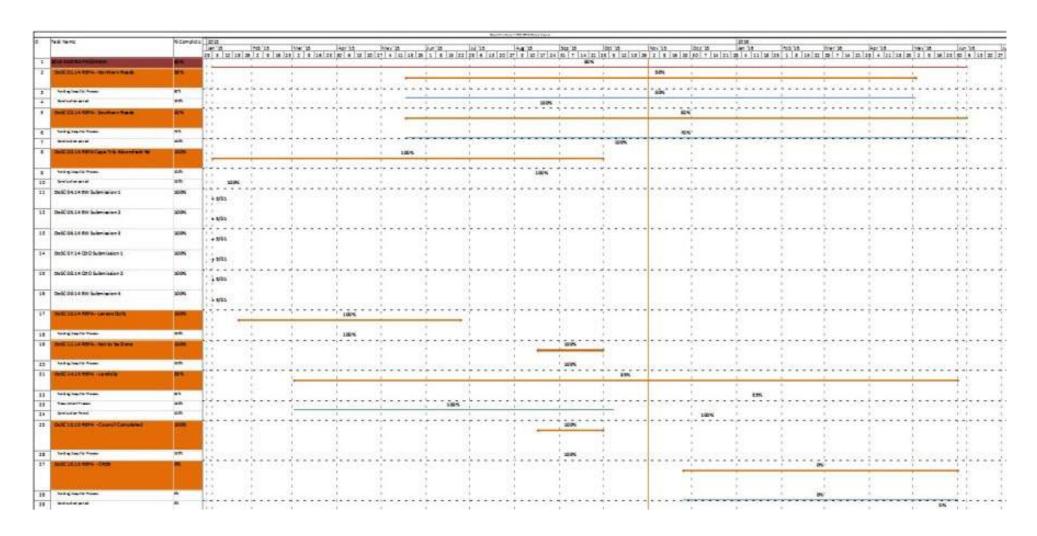
• Project register updated. Six (6) risks remain open

# 13 GENERAL

- Tropical Cyclone Nathan occurred on 11-21 March 2015 with Douglas Shire Council being activated for QRA funding for this event.
  - o REPA submission for \$404,000 made to QRA. Assessment pending
  - CDO & Emergent submissions assessed and approved value of approximately \$35,000 received

# **APPENDIX A – OVERALL PROGRAM**

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# **APPENDIX B – PHOTOS**



Wilkinson Rd culvert upgrade – completed works looking downstream. Note fish baffles on walls of culvert as per Department of Fisheries requirement