Infrastructure Services Committee Agenda

12 March 2019
To All Councillors

You are hereby notified that the next meeting of the Infrastructure Services Committee will be held on 12 March 2019 in the Barry Rose Room at 1:00PM, for the purpose of transacting the undermentioned business.

The Infrastructure Services Committee consists of

Cr Lorna Driscoll, Cr Ron Campbell, Cr James Burns and Cr Maurice Collison.

STEVE MCDONALD
GENERAL MANAGER

1. APOLOGIES

2. DISCLOSURE OF INTEREST

3. PUBLIC PARTICIPATION
   - Ben Parkinson

4. BUISNESS ITEMS

5. AGENDA ITEMS

   INFRASTRUCTURE SERVICES REPORTS ................................................................. 1
   ISC.03.1 WORKS PROGRAM - INFRASTRUCTURE SERVICES - WATER AND SEWER .................. 1
   ISC.03.2 WORKS PROGRAM - INFRASTRUCTURE SERVICES ........................................... 8
   ISC.03.3 SPECIAL PROJECTS UPDATE ........................................................................... 17
   ISC.03.4 CAPITAL WORKS UPDATE .............................................................................. 25
   ISC.03.5 MURRURUNDI WATER UPDATE ....................................................................... 28
   ISC.03.6 PROPOSED ROAD NAMING - (UNKNOWN ROAD 38) ................................................ 31
   ISC.03.7 ANSWERS TO COUNCILLOR QUESTIONS ......................................................... 36

6. COUNCILLOR QUESTIONS
The purpose of the report is to provide an update on all works undertaken by the Water and Sewer teams over the previous month and those planned for the upcoming month.

That the Committee receive the report and note the information.

The report provides information to assist in addressing ratepayer enquiries regarding construction, maintenance and other activities in the area of Water and Sewer.

Progress of major projects is listed in Attachment 1 along with upcoming planned works. All works relating to Murrurundi water supply are covered in a separate report.

Project highlights from this month include (but are not limited to):

- **Upper Hunter Water Supply and Water Treatment Scoping Study**
  - Work underway by HH2O.
  - HH2O given contacts of Arrowfield and also proposed PID schemes for Gundy, to inform their assessments.
  - Project schedule is for late May completion date.

- **Merriwa STP**
  - HH2O awarded work to undertake Options Study for process/treatment improvements at Merriwa STP.
  - HH2O also tasked with reviewing treatment requirements at Murrurundi STP in order to facilitate a recycled water scheme to Wilson Park as an addition to this contract.
  - Site visits to both locations with HH2O on 7 March.
  - Immediate works to be undertaken at the STP to reduce the surface runoff from neighbouring paddocks which would add to the fecal loading in the ponds. Also fence improvement to prevent cattle accessing the STP site.
Report To Infrastructure Services Committee
12 March 2019

Infrastructure Services

- Scone Sewage Treatment Plant (STP) Augmentation
  - Concept design process ongoing – Detailed application for funding must be submitted by 1 April due to be considered under the old Safe and Secure Program. This application will be undertaken by Cardno as a variation to the concept design contract.

- Water/sewer main capital works tenders
  - Tender 07/2019
    - St Aubins St water main replacement, Scone
    - Kelly St sewer main replacement, Scone
    - Saleyards sewer main connection, Scone
    - Bernard St water main extension, Murrurundi
    - Gooch Street water main renewal, Merriwa
  - Tender closed 23 January 2019
  - Awarded in February Council Meeting to NCP
  - Works to be complete 30 April

  - Tender 08/2019
    - McAdam St underbore, Aberdeen
    - Birrell/Waverley St sewer main works, Scone
  - Tender closed 12 February 2019
  - Only one tender received from NCP, not awarded due to price.
  - Council in negotiations with NCP to develop an alternative contract arrangement in order to undertake these works.

- White Park SPS and Sewer
  - NCP engaged to construct sewer gravity mains, manholes and rising main. This was completed before the first event at the facility, with a temporary pump out arrangement put in place.
  - New SPS to be sourced and installed in March to complete the works.
  - Some delays due to work undertaken to refine the design of the SPS in consultation with NCP, as original concept proposal was not suitable.

- Well 6 Reinstatement
  - The Reinstated well has proven to be successful, with 12 L/s being delivered at a constant rate to the Race Club storage dam for the month of February.
  - Water also delivered to the Scone Golf Club, however at 27 L/s the pumps cut out and had to be throttled back to 12 L/s.
  - Council also utilizing Well 6 to run irrigators on Bill Rose sports complex, with no recycled water available in the last 2 weeks of February.
  - Council are working with the Equine Research Centre in order to link their existing license to Council’s well, so we are not using our allocation in order to supply them with water.

OPTIONS

To note the report.
CONSULTATION

- Director Infrastructure Services
- Manager Water and Sewer
- Engineer Water and Sewer Distribution
- Engineer Water and Sewer Treatment

STRATEGIC LINKS

a. Community Strategic Plan 2027
This report links to the Community Strategic Plan 2027 as follows:

BUILT & NATURAL ENVIRONMENT
Goal 4 Plan for a sustainable future
   CS15 Plan, facilitate and provide for a changing population for current and future generations.
Goal 6 Increase, enhance and maintain civil infrastructure, Community assets and open spaces to meet the needs of current and future generations.
   CS24 Provide for replacement, improvement and additional Community and open space infrastructure through investment, best practice and risk management.
   CS26 Provide safe and reliable water and sewerage services to meet the demands of current and future generations.

We are working to achieve the following Community Priorities:

- Reliable and safe water supply.
- Protect the natural environment.

b. Delivery Program
The report addresses the following objectives for works up to 30 June 2019 as described in the 2018/19 DPOP:

Water Supplies
To provide an adequate and secure potable water supply to recognised standards in defined areas on a cost effective basis.

Sewage Services
To maintain a sewage system for the transportation and treatment of sewage to licence requirements and encourage appropriate further expansion of services.
c. Other Plans
Various Asset Management Plans.

IMPLICATIONS

a. Policy and Procedural Implications
Maintenance guidelines as identified within Service Levels, Asset Management Plans and Strategic Plans.

b. Financial Implications
Identified within individual items in the 2018/19 budget.

c. Legislative Implications
- Protection of the Environment Operations Act 1997
- Water Management Act 2000
- Public Health Regulation 2012

d. Risk Implications
Maintenance and Capital activities play a vital role to mitigate and minimise Council’s risk in these areas.

e. Other Implications
Nil

CONCLUSION
The updated report is provided as Attachment 1 and details work undertaken over the previous month and works planned for the upcoming month.

ATTACHMENTS

1 Water and Sewer Works Program Update - February 2019
## Water and Sewer Works Monthly Update – February 2019

<table>
<thead>
<tr>
<th>Location</th>
<th>Details</th>
<th>Work</th>
<th>Budget Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scone Water</td>
<td>Scone to Murrurundi Pipeline</td>
<td>Tenders closed 14 February.</td>
<td>Scone Water Supply</td>
</tr>
<tr>
<td>Scone Water</td>
<td>Scone Bypass Service Replacements</td>
<td>All water/sewer work by Daracon completed – Council undertook site review of all works 27 Feb.</td>
<td>Scone Water Supply</td>
</tr>
<tr>
<td>Scone Water</td>
<td>Reinstate Well 5 and 6 for irrigation</td>
<td>Tank arrived to site, install in early March. Water successfully sent from Well 6 to Race Club, Golf Club and Bill Rose sports complex.</td>
<td>Scone Water Supply</td>
</tr>
<tr>
<td>Scone Water</td>
<td>Upper Hunter Scoping Study</td>
<td>Works underway by HH2O.</td>
<td>Scone Water Supply</td>
</tr>
<tr>
<td>Scone – Sewage Treatment Plant (STP)</td>
<td>STP Augmentation Work</td>
<td>Concept design for STP Augmentation work (ongoing). Detailed Application (Safe &amp; Secure Water Program) for funding for design and construction needs to be submitted by 1 April due to Safe and Secure Funding changes.</td>
<td>Scone Sewer Services</td>
</tr>
<tr>
<td>Scone Sewer</td>
<td>Saleyards Sewer Extension</td>
<td>Underbore designed and approved by ARTC, to be constructed in March.</td>
<td>Scone Sewer Services</td>
</tr>
<tr>
<td>Scone Water</td>
<td>White Park Water</td>
<td>UHSC finalised water mains work in February.</td>
<td>Scone Water Supply</td>
</tr>
<tr>
<td>Scone Sewer</td>
<td>White Park Sewer</td>
<td>Gravity sewer mains, manholes, rising main and electrical supply completed. SPS to be sourced and installed in March.</td>
<td>Scone Sewer Services</td>
</tr>
<tr>
<td>Scone Sewer</td>
<td>Aberdeen Street SPS</td>
<td>Refurbished sewer pumps.</td>
<td>Scone Sewer Services</td>
</tr>
<tr>
<td>All areas</td>
<td>All areas</td>
<td>Tender 07/2019 awarded at Feb Council meeting (5 water/sewer renewal works), however Tender 08/2019 not awarded – Council will undertake</td>
<td>All water/sewer areas</td>
</tr>
</tbody>
</table>
negotiations with NCP to develop possible alternative contact arrangement.

<table>
<thead>
<tr>
<th>Location</th>
<th>Description</th>
<th>Status</th>
<th>Responsible Party</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cassilis</td>
<td>Cassilis Sewage System</td>
<td>70% Concept Design for Cassilis Sewage System received. Contracts exchanged for purchase of STP land.</td>
<td>Cassilis Sewer Services</td>
</tr>
<tr>
<td>Murrurundi</td>
<td>Murrurundi Water Supply Bore</td>
<td>Works completed. Bore still producing good water but flow is not enough to match demand. Water carting to subsidize supply ongoing.</td>
<td>Murrurundi Water Supply</td>
</tr>
<tr>
<td>Murrurundi</td>
<td>Murrurundi STP</td>
<td>HH2O engaged to review the necessary requirements and/or treatment improvements to provide recycled water to Wilson Park.</td>
<td>Murrurundi Sewer Services</td>
</tr>
<tr>
<td>Merriwa</td>
<td>Metered water filling station</td>
<td>New water filling station purchased for Merriwa. Main works completed, Finance working to set up new card reading system.</td>
<td>Merriwa Water Supply</td>
</tr>
<tr>
<td>Merriwa</td>
<td>Merriwa STP</td>
<td>HH2O engaged to develop Options Report for Merriwa STP.</td>
<td>Merriwa Sewer Services</td>
</tr>
<tr>
<td>Aberdeen</td>
<td>Aberdeen Reservoirs</td>
<td>Engaged Brooks Brothers to supply the design for Hightower Platform Replacement, as original quote for D&amp;C exceeded $150,000 limit.</td>
<td>Scone/Aberdeen Water Supply</td>
</tr>
<tr>
<td>UHSC</td>
<td>Integrated Water Cycle Management Plan (IWCM)</td>
<td>Received draft IWCM Revision 2 from consultant. Attended review of Singleton Council IWCM Options Assessment on 26 Feb.</td>
<td>Scone, Aberdeen, Merriwa, Cassilis &amp; Murrurundi Water Supply, Scone, Aberdeen, Merriwa &amp; Murrurundi Sewer Services</td>
</tr>
</tbody>
</table>
### Water and Sewer Works Monthly Update – February 2019

<table>
<thead>
<tr>
<th>Location</th>
<th>Chainage/Details</th>
<th>Work</th>
<th>Budget Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scone Water</td>
<td>Middlebrook Road</td>
<td>Start community consultation process on proposed Middlebrook supply schemes.</td>
<td>Scone Water Supply</td>
</tr>
<tr>
<td>Scone Water</td>
<td>Scone Reservoir</td>
<td>Install 2 high zone pump and VSD.</td>
<td>Scone Water Supply</td>
</tr>
<tr>
<td>Scone Water</td>
<td>Aberdeen Intake</td>
<td>Install orifice plate and pipework at wet well for back feed line from Scone.</td>
<td>Scone Water Supply</td>
</tr>
<tr>
<td>Scone Sewer</td>
<td>White Park Sewer</td>
<td>New SPS constructed and commissioned.</td>
<td>Scone Sewer Services</td>
</tr>
<tr>
<td>Merriwa</td>
<td>Metered water filling station</td>
<td>New water filling station in Merriwa commissioned.</td>
<td>Merriwa Water Supply</td>
</tr>
<tr>
<td>Merriwa</td>
<td>SCADA/Telemetry Upgrade</td>
<td>Site meeting at Merriwa WTP with Schneider Elec to instigate upgrade works on Monday 11 March.</td>
<td>Merriwa Water Supply</td>
</tr>
<tr>
<td>Murrurundi</td>
<td>Murrurundi Water</td>
<td>Water carting ongoing.</td>
<td>Murrurundi Water Supply</td>
</tr>
<tr>
<td>Cassilis</td>
<td>Cassilis Sewage System</td>
<td>70% Concept Design to be reviewed and next Community information session held on Wednesday 27 March.</td>
<td>Cassilis Sewer Services</td>
</tr>
</tbody>
</table>
ISC.03.2

WORKS PROGRAM - INFRASTRUCTURE SERVICES

RESPONSIBLE OFFICER: Nicholas Havyatt - Director Infrastructure Services

AUTHOR: Andrew Griffith - Manager Works Delivery

PURPOSE

The purpose of the report is to provide an update on the Works Delivery Program undertaken over the previous month and that planned for the upcoming month.

RECOMMENDATION

That the Committee receive the report and note the information.

BACKGROUND

The report includes information on Infrastructure Services work including roads, bridges, and parks. The report provides information to assist in addressing enquiries regarding construction and maintenance works.

REPORT/PROPOSAL

Some of the major projects currently under construction or planned are:

- Willow Tree Road pavement works stage 1 and earthworks on stage 2
- Saleyards
- Golden Highway pavement rehabilitations (Segments 110, 116 and 221)
- Moobi Road Footpath

MR358 Coulson Creek Road (Willow Tree Road) initial seal and widening

This project is a joint project between Upper Hunter Shire Council (UHSC) and Liverpool Plains Shire Council (LPSC)

<table>
<thead>
<tr>
<th>Approved Grant</th>
<th>$12,161,750</th>
<th>UHSC 79% LPSC 21%</th>
</tr>
</thead>
<tbody>
<tr>
<td>UHSC budget</td>
<td>$ 9,607,782</td>
<td></td>
</tr>
<tr>
<td>Expenditure to date</td>
<td>$ 2,346,429</td>
<td>(2018/19)</td>
</tr>
<tr>
<td></td>
<td>$ 3,006,339</td>
<td>(2017/18)</td>
</tr>
<tr>
<td></td>
<td>$  201,741</td>
<td>(2016/17)</td>
</tr>
<tr>
<td>Available budget</td>
<td>$  3,153,273</td>
<td></td>
</tr>
</tbody>
</table>

Key activities undertaken last month:

- Stage 1 Initial seal 7.6km
  - Pavements are complete and sealed.
- Stage 2 widening of Liverpool Range,
  - Clearing and bulk earthworks continuing approximately 2.5km of earthworks completed.
  - The team has now moved over 200,000 tonnes from the cutting.
  - The earthworks are taking longer due to the additional material required to be removed. The team has hit hard rock and have engaged larger dozer, it is now expected these works will be completed in March 2019.
Key activities in next three months:

- Progress earthworks on stage 2
- Pavement works stage 2
- Drainage stage 1 and 2

Emerging issues:

- Reviewing and finalising Stage 2 design to minimize earthworks, drainage and control costs.
- There is a risk that we may find rock in the stormwater pipe lines during installation.
- Additional time required to complete earthworks will put the project at risk of not being completed by June 2019.
- Hard road in cutting.

**Golden Highway rehabilitations (Segment 110, 116 and 221)**

The Insitu stabilization – HW27 Golden Highway Segments 110, 116 and 221, Merriwa is a Roads and Maritime Services (RMS) project. The project forms part of the Road Maintenance Council Contract (RMCC) between Upper Hunter Shire Council and RMS. RMS have designed and scoped the project, and requested that Council construct the project in the 2018/19 financial year.

Due to concurrent commitments on the Willow Tree project and the specialised nature of the works, Council have progressed a full service subcontractor delivery methodology, with Council to manage and verify the works.

**Budget:**

Conditions of contract with our subcontractor were developed to establish a schedule of rates utilising units of measure and pay items selected to provide flexibility, cost transparency and limit Council’s exposure to cost overruns as far as practical.

Anticipated final expenditure will be on or about $1 million. Council will be paid on a ‘cost-plus’ basis for our expenditure.

Key activities undertaken last month:

- Completion of preconstruction planning and approvals
- Establishment on site
- Completion of premill (Segment 110 and 116)
- Completion of stabilization and final trim (all segments)
- Primer seal

Key activities in next three months:

- Completion of line marking and installation of retroreflective pavement markings
- Minor finishing works
- Completion of project

Emerging issues:

- Finalising variations and prompt claiming to manage Council’s cashflow.
- Ensuring Council’s management and supervision costs are accurately reflected in our leger to allow full recovery.
OPTIONS

Nil

CONSULTATION

- General Manager
- Director Infrastructure Services
- Infrastructure Services Managers
- Supervisors and Team Leaders

STRATEGIC LINKS

a. Community Strategic Plan 2027
   This report links to the Community Strategic Plan 2027 as follows:

   ECONOMY AND INFRASTRUCTURE
   Goal 6  Increase, enhance and maintain civil infrastructure, Community assets and open spaces to meet the needs of current and future generations.
   CS24  Provide for replacement, improvement and additional Community and open space infrastructure through investment, best practice and risk management.
   CS25  Provide inviting public spaces that are clean, green, properly maintained, well designed, encourage active participation, family friendly and accessible to all.
   CS27  Maintain and upgrade the road network and bridges.

   We are working to achieve the following Community Priorities:

   ![Well maintained, safe, reliable and additional infrastructure, including sporting fields, parks, family and cultural facilities.]

   ![Upper Hunter Shire has improved and well maintained roads and bridges.]

b. Delivery Program

   The report addresses the following objectives up to June 2019 as described in the 2018/19 DPOP:

   Parks, Gardens and Sporting Fields
   By providing quality open spaces, parks sporting grounds and reserves that are suitable and accessible for the community.
Infrastructure Services

Roads and Bridges – Local & Regional
By undertaking roads, stormwater, footpaths and bridge maintenance and construction works to Council’s standards and specifications so as to improve road safety and minimise future expenses.

Parks & Gardens
- A parks and open space maintenance program across Council.
- Upgrade or replace parks and playground equipment.

Roads - Local & Regional
- A well maintained urban, rural sealed and unsealed road network.
- Increase effectiveness of preventative maintenance work as part of maintenance management works practices.
- Construction and quality specifications for road construction.

c. Other Plans
Asset Management Plans.

IMPLICATIONS

a. Policy and Procedural Implications
Parks, Sporting Fields, Footpath, Road and Bridge maintenance guidelines as identified within Asset Management Plans and Strategic Plans.

b. Financial Implications
Identified within individual items in the 2017/18 and 2018/19 budgets.

c. Legislative Implications
Not applicable.

d. Risk Implications
Road and asset inspections are undertaken to mitigate and minimise Council’s risk exposure in these areas.

e. Other Implications
Nil

CONCLUSION
The updated report is provided as Attachment 1 and details work undertaken over the previous month and works planned for the upcoming month.

ATTACHMENTS
1 Works Delivery Works In Progress for Scone, Murrurundi & Merriwa - March 2019.docx
2 Works Delivery Grant Funded Works Update - March 2019
## Programmed Construction Works

<table>
<thead>
<tr>
<th>Location</th>
<th>Work</th>
<th>Area (Crew)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saleyards (ongoing)</td>
<td>Pavement/Drainage</td>
<td>Scone Crew</td>
</tr>
<tr>
<td>Kelly’s Gully MR105</td>
<td>Rehabilitation</td>
<td>Scone Crew</td>
</tr>
<tr>
<td>Willow Tree Rd Stage 2</td>
<td>Ongoing: 36 – 39km from Scone Rd. Earthworks scheduled for completion in March. Base and drainage works to commence in March.</td>
<td>Merriwa Construction</td>
</tr>
<tr>
<td>Golden Highway Segment 221</td>
<td>Insitu stabilisation Programmed using SPA</td>
<td>Works completed by SPA – UHSC to surveillance work</td>
</tr>
</tbody>
</table>

## Programmed Grading works

<table>
<thead>
<tr>
<th>Location</th>
<th>Work</th>
<th>Area (Crew)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Donalds Creek, Belltrees, Bowmans Gully, Rouchel shoulder maintenance (TBD on water availability),</td>
<td>Maintenance Grading</td>
<td>Scone Grader</td>
</tr>
<tr>
<td>Wollar Road, Flight Springs Rd – Subject to water availability &amp; road condition.</td>
<td>Maintenance Grading</td>
<td>Merriwa Grader</td>
</tr>
</tbody>
</table>

## Capital Works – Complete

<table>
<thead>
<tr>
<th>Location</th>
<th>Work</th>
<th>Area (Crew)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moobi Road Footpath</td>
<td>Footpath Construction</td>
<td>Scone Crew</td>
</tr>
<tr>
<td>Hill Street Scone</td>
<td>Pedestrian Access Improvement</td>
<td>Scone Crew</td>
</tr>
<tr>
<td>Willow Tree Rd Stage 1</td>
<td>Ongoing: 30 – 33km from Scone Rd</td>
<td>Merriwa Construction</td>
</tr>
<tr>
<td>Golden Highway Segment 221 &amp; 116</td>
<td>Insitu stabilisation Programmed using SPA</td>
<td>Works completed by SPA – UHSC to surveillance work</td>
</tr>
<tr>
<td>Location</td>
<td>Work</td>
<td>Area (Crew)</td>
</tr>
<tr>
<td>---------------------------------------------------</td>
<td>-----------------------</td>
<td>-------------------</td>
</tr>
<tr>
<td>Back Creek, Banool, Halls, Middlebrook Rd, Netherton, Wells Gully</td>
<td>Maintenance Grading</td>
<td>Scone Grader</td>
</tr>
<tr>
<td>Gundy Streets</td>
<td>Maintenance Grading</td>
<td>Scone Grader</td>
</tr>
<tr>
<td>Davis Creek/Upper Rouchel (TBD on water availability),</td>
<td>Maintenance Grading</td>
<td>Scone Grader</td>
</tr>
<tr>
<td>Tomalla Road, Branch Creek Road</td>
<td>Maintenance Grading</td>
<td>Murrurundi Grader</td>
</tr>
</tbody>
</table>
### Works Delivery Works in Progress for Scone, Murrurundi & Merriwa - March 2019

<table>
<thead>
<tr>
<th>Ref</th>
<th>Funding Amount</th>
<th>Funding Source</th>
<th>Project</th>
<th>Summary Scope / deliverables</th>
<th>Progress Status</th>
<th>Budget Status</th>
<th>General Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>001</td>
<td>$526,000</td>
<td>SCCF</td>
<td>Wilson Memorial Oval Facilities Upgrade</td>
<td>Upgrade grandstand seating, new amenities / change rooms and 4 new LED light towers</td>
<td>On track</td>
<td>Within budget</td>
<td>Preconstruction activities commenced including completion of geotechnical investigations. Construction anticipated to commence Q4 2019</td>
</tr>
<tr>
<td>002</td>
<td>$59,515</td>
<td>SCCF</td>
<td>Gundy Soldiers Memorial Hall Restoration</td>
<td>Painting of internal and external structure</td>
<td>On track</td>
<td>Within budget</td>
<td>Completion anticipated prior to 30 June 2019</td>
</tr>
<tr>
<td>003</td>
<td>$154,841</td>
<td>SCCF</td>
<td>St Andrews Reserve Arena Upgrade</td>
<td>New galvanised steel perimeter fence and imported sand arena surface</td>
<td>On track</td>
<td>Within budget</td>
<td>Currently undertaking stakeholder consultation and preconstruction activities. Construction anticipated to commence Q4 2019</td>
</tr>
<tr>
<td>004</td>
<td>$185,000</td>
<td>SCCF</td>
<td>Merriwa Showground Facilities Upgrade</td>
<td>New amenities block with utility connections and a 100,000 litre water tank</td>
<td>On track</td>
<td>Within budget</td>
<td>Assessing preferred delivery method (portable or fixed). Construction anticipated to commence Q4 2019</td>
</tr>
<tr>
<td>005</td>
<td>$124,229</td>
<td>SCCF</td>
<td>Jefferson Park Facility Upgrade</td>
<td>New amenities block with utility connections and solar power lighting</td>
<td>On track</td>
<td>Within budget</td>
<td>Preconstruction activities including drafting and structural design underway. Construction anticipated to commence Q4 2019</td>
</tr>
<tr>
<td>006</td>
<td>$291,329</td>
<td>SCCF</td>
<td>Merriwa Skate Park Upgrade</td>
<td>Construct new skate bowl and new amenities block with utility connections</td>
<td>On track</td>
<td>Within budget</td>
<td>Preconstruction activities including drafting and structural design underway. Construction anticipated to commence Q4 2019</td>
</tr>
<tr>
<td>007</td>
<td>$243,750</td>
<td>SCCF</td>
<td>Scone Park Field Upgrade</td>
<td>New irrigation and pop-up sprinklers. Top dress, level and seed playing surface</td>
<td>On track</td>
<td>Within budget</td>
<td>Irrigation design being completed by consultant. Construction anticipated to commence Q4 2019 (subject to consultation with stakeholder)</td>
</tr>
<tr>
<td>Ref</td>
<td>Funding Amount</td>
<td>Funding Source</td>
<td>Project</td>
<td>Summary Scope / deliverables</td>
<td>Progress Status</td>
<td>Budget Status</td>
<td>General Status</td>
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</tr>
<tr>
<td>008</td>
<td>$261,000</td>
<td>SCCF</td>
<td>Merriwa Oval Upgrade</td>
<td>Upgrade existing canteen, change rooms and amenities. Upgrade lighting lamps. Top dress, level and seed playing surface</td>
<td>On track</td>
<td>Within budget</td>
<td>Preconstruction activities including drafting and structural design underway. Construction anticipated to commence Q4 2019</td>
</tr>
<tr>
<td>009</td>
<td>$137,600</td>
<td>SCCF</td>
<td>Harrison Oval Upgrade</td>
<td>New irrigation and pop-up sprinklers. Top dress, level and seed playing surface</td>
<td>Ontrack</td>
<td>Within budget</td>
<td>Draft irrigation design complete (subject to verification of flow capacity). Construction anticipated to commence Q4 2019 (subject to consultation with stakeholder)</td>
</tr>
<tr>
<td>010</td>
<td>$88,028</td>
<td>SCCF</td>
<td>Amaroo Park Toilet Facility</td>
<td>New amenities block with utility connections and solar power lighting</td>
<td>On track</td>
<td>Within budget</td>
<td>Consultant engaged to complete design/drafting. Construction anticipated to commence Q4 2019</td>
</tr>
<tr>
<td>011</td>
<td>$164,370</td>
<td>SCCF</td>
<td>Scone Gymnastics Centre Refurbishment</td>
<td>Extend existing hall including refurbishment of existing building / facilities</td>
<td>On track</td>
<td>Within budget</td>
<td>Consultant engaged to complete design/drafting. Construction anticipated to commence Q4 2020</td>
</tr>
<tr>
<td>012</td>
<td>$24,685</td>
<td>SCCF</td>
<td>Upper Hunter Swimming Pool Shade Sails</td>
<td>New shade structure over existing concrete marshalling area</td>
<td>On track</td>
<td>Within budget</td>
<td>Preconstruction activities underway including structural design and stakeholder consultation</td>
</tr>
<tr>
<td>013</td>
<td>$109,517</td>
<td>PRMFP</td>
<td>Merriwa Showground-amenities block</td>
<td>New amenities block with utility connections and LED lighting</td>
<td>On track</td>
<td>Within budget</td>
<td>To be delivered in sequence with Stronger Country Communities grant above ($185,000)</td>
</tr>
<tr>
<td>014</td>
<td>$40,000</td>
<td>DCP</td>
<td>Merriwa Youth Centre Maintenance</td>
<td>General maintenance to building and facilities</td>
<td>On track</td>
<td>Within budget</td>
<td>Undertaking consultation with key stakeholders to finalise scope</td>
</tr>
<tr>
<td>015</td>
<td>$59,000</td>
<td>DCP</td>
<td>Disabled toilet access Murrurundi library</td>
<td>New accessible toilets to be constructed</td>
<td>On track</td>
<td>Within budget</td>
<td>Consultant engaged to complete design/drafting. Construction anticipated to commence Q4 2020</td>
</tr>
<tr>
<td>Ref</td>
<td>Funding Amount</td>
<td>Funding Source</td>
<td>Project</td>
<td>Summary Scope / deliverables</td>
<td>Progress Status</td>
<td>Budget Status</td>
<td>General Status</td>
</tr>
<tr>
<td>-----</td>
<td>----------------</td>
<td>----------------</td>
<td>---------</td>
<td>------------------------------</td>
<td>----------------</td>
<td>--------------</td>
<td>---------------</td>
</tr>
<tr>
<td>016</td>
<td>$95,000</td>
<td>DCP</td>
<td>White Park Scone – bar &amp; shed</td>
<td>Construct new bar facility to support White Park operations</td>
<td>On track</td>
<td>Within budget</td>
<td>Consultation with key stakeholders underway to inform final scope and location</td>
</tr>
<tr>
<td>017</td>
<td>$100,000</td>
<td>DCP</td>
<td>Bill Rose Sports Complex - irrigation</td>
<td>New irrigation and pop-up sprinklers.</td>
<td>On track</td>
<td>Within budget</td>
<td>Irrigation design complete. Finalising subcontractor negotiations towards commencing construction in the next two months (subject to stakeholder consultation)</td>
</tr>
<tr>
<td>018</td>
<td>$84,000</td>
<td>DCP</td>
<td>Shade sale Merriwa/Scone</td>
<td>New shade sales to be installed at the lower end of the Scone and Merriwa pools</td>
<td>On track</td>
<td>Within budget</td>
<td>Preconstruction activities underway including structural design and stakeholder consultation</td>
</tr>
<tr>
<td>019</td>
<td>$122,000</td>
<td>DCP</td>
<td>Merriwa Tennis Courts</td>
<td>Rehabilitation of tennis court surfaces</td>
<td>On track</td>
<td>Within budget</td>
<td>Quotations for contractor to be sourced towards an April commencement date.</td>
</tr>
<tr>
<td>020</td>
<td>$50,000</td>
<td>DCP</td>
<td>Aberdeen Adventure Park</td>
<td>Climbing wall and obstacle course to be installed</td>
<td>On track</td>
<td>Within budget</td>
<td>Currently sourcing quotations towards an April commencement date.</td>
</tr>
<tr>
<td>021</td>
<td>$290,000</td>
<td>L&amp;G</td>
<td>Bill rose playground upgrade</td>
<td>Construct new playground, bike track, outdoor gym, shade sales and BBQ area</td>
<td>On track</td>
<td>Within budget</td>
<td>Quotations for the playground component to be put out to design and construct</td>
</tr>
<tr>
<td>022</td>
<td>$2,995,346</td>
<td>FCR</td>
<td>Bunnan Road (MR62) Widening and Pavement Strengthening</td>
<td>Widen and strengthen Bunnan Road over three road sections for approximately 8.1km in total.</td>
<td>On track</td>
<td>Within budget</td>
<td>Deed currently being executed. Preconstruction activities commenced towards a programmed commencement of construction February 2020</td>
</tr>
</tbody>
</table>
ISC.03.3  SPECIAL PROJECTS UPDATE

RESPONSIBLE OFFICER: Nicholas Havyatt - Director Infrastructure Services

AUTHOR: Alan Fletcher - Special Projects Manager

PURPOSE

The purpose of this report is to provide an update on the projects being managed by the Special Projects Team.

RECOMMENDATION

That the Committee receive the report and note the information.

BACKGROUND

The report provides information to assist the Committee to understand the current status of each of the projects, what work has recently been completed, and the work that is planned for the next three months.

REPORT/PROPOSAL

Scone to Murrurundi Pipeline

Approved Budget  $14,199,000
Expenditure to date  $1,093,894

Amount spent each previous year
- $40,401 (2014/15)
- $166,226 (2015/16)
- $241,591 (2016/17)
- $312,673 (2017/18)

Budget for current year  $7,700,000 (2018/19)
Amount spent current year  $333,003 (2018/19)
Available funds/current year  $7,366,997

Key activities since last month:
- Assessment of submitted Tenders. Clarifications sought from Tenderers.
- Negotiation of terms of Deeds of Agreement for easements with land owners.

Key activities in the next three months:
- Tender assessment and award. Aiming to award in March 2019.
- Execution of Deeds of Agreement for easements.
- Commencement of detailed planning stage with contractor.
White Park Indoor Arena – Stage 1

Approved total budget $ 2,839,010 ($1,969,010 plus $870,000)
Amount spent each previous year $ 31,498 (2015/16)
$ 17,866 (2016/17)
$ 1,461,227 (2017/18)

Budget for current year $ 1,380,000 (2018/19)
Amount spent current year $ 1,147,723
Available funds/current year $ 232,277

Key activities undertaken last month:
- Construction is completed. Practical completion reached Friday 25 January 2019 and occupation certificate received.
- Public address and closed circuit television installed.
- Tidy up of site and disestablishment of contractor facilities.
- Commence final claim and close out report for RNSW grant.

Key activities in the next three months:
- Complete outstanding construction items e.g. concrete expansion joint seals, additional water tank overflow pipe work.
- Complete work as executed plans, manuals and documents.
- Complete final claim and close out report for RNSW grant.

Emerging issues:
- Nil

Scone Golf Course Detailed Design and Reconstruction

Approved total budget $ 4,021,094 (Revised)
Amount spent each previous year $ 36,314 (2015/16)
$ 150,621 (2016/17)
$ 2,983,844 (2017/18)

Budget for current year $ 850,316 (2018/19)
Amount spent current year $ 683,873
Available funds/current year $ 166,443

Key activities undertaken last month:
- Contractor requested practical completion for 1 March 2019. Inspections arranged and the result was that the contractor did not achieve practical completion. Negotiations are underway with contractor to properly achieve practical completion.
- Finalise outstanding construction items e.g. Toilets onsite treatment system, bentonite waterproofing of the water and recycled effluent dams completed.
- Growing in and weed control. Weed control in the southern fairways requires more work.
Key activities in the next three months:

- Eliminate weed problems on the southern fairways.
- Practical completion of contract with McMahons Golf.
- Clean up site ready for use.
- Finalise items outside of McMahons contract.
- Finalise lease for operation of golf course.

Emerging issues:
- The contractor McMahons Pty Ltd are required to have the course grown in and ready for play by July. Weed problem on the southern fairways has not been resolved.

**Scone Sewerage Treatment Plant Augmentation**

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approved total budget</td>
<td>$1,000,000</td>
<td>(Council funded seeking grant)</td>
</tr>
<tr>
<td>Amount spent each previous year</td>
<td>$14,981</td>
<td>(2016/17)</td>
</tr>
<tr>
<td></td>
<td>$57,309</td>
<td>(2017/18)</td>
</tr>
<tr>
<td>Budget for current year</td>
<td>$95,000</td>
<td></td>
</tr>
<tr>
<td>Amount spent current year</td>
<td>$6,470</td>
<td>(2018/19)</td>
</tr>
<tr>
<td>Available funds/current year</td>
<td>$88,530</td>
<td></td>
</tr>
</tbody>
</table>

Key activities undertaken last month:
- Design Consultant is progressing the concept design.

Key activities in the next three months:
- Provide 70% of the design and estimates.

Emerging issues:
- Need to review 2006 Effluent Reuse Management Plan for Scone STP and sites including Golf Course, Bill Rose Sports Complex, Race Course and Bhima Stud.

**Cassilis Sewerage Scheme**

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approved total budget</td>
<td>$2,490,000</td>
<td></td>
</tr>
<tr>
<td>Amount spent each previous year</td>
<td>$16,331</td>
<td>(2015/16)</td>
</tr>
<tr>
<td></td>
<td>$2,392</td>
<td>(2016/17)</td>
</tr>
<tr>
<td></td>
<td>$52,778</td>
<td>(2017/18)</td>
</tr>
<tr>
<td>Budget for current year</td>
<td>$2,000,000</td>
<td></td>
</tr>
<tr>
<td>Amount spent current year</td>
<td>$91,866</td>
<td>(2018/19)</td>
</tr>
<tr>
<td>Available funds/current year</td>
<td>$1,908,134</td>
<td></td>
</tr>
</tbody>
</table>

Key activities undertaken last month:
- Cardno progressed the concept design to 70% complete.
- Sewer treatment site land purchase and contract issued. Contracts exchange likely to be finalized in late February.

Key activities in next three months:
- Finalise concept design and Tender documentation.
- Finalise Sewerage Treatment Plant site acquisition.
- Lodge subdivision application to create sewerage treatment plant site lot.
Infrastructure Services

- Arrange Section 60 of Local Government Act 1993 approval.
- Arrange Review of Environmental Factors.

Emerging issues:
- Cost estimates provided with design report are higher than previous estimates and require review. This has been discussed with the consultant and will need careful work to accurately estimate the costs.

Scone Regional Selling Centre – Saleyards Redevelopment

Approved total budget $11,818,270
Amount spent each previous year $ 565,445 (2017/18)

Budget for current year $ 9,727,461
Amount spent current year $ 4,367,780 (2018/19)
Available funds $ 5,359,681

Key activities undertaken last month:
- The construction of the new selling pens and roofs contract has commenced. Working with contractor and consultants to develop the design.
- Canteen and Administration Centre is now open and operational. Working with contractor to resolve outstanding defects and items to complete e.g. screen door.
- Truck wash effluent dump concrete works.

Key activities in next three months:
- Detailed design and approvals e.g. NSW Fire Brigade to allow final stage construction certificate for the roofs, footings, pens and walkways.
- Construction of manure dewatering facilities.
- Installation of acoustic barrier construction.
- Carpark and road works.

Old Court Theatre – Design and Consents

Approved total budget $ 227,108
Amount spent each previous year $ 7,108 (2017/18)

Budget for current year $ 220,000 (2018/19)
Amount spent current year $ 12,328
Available funds $ 207,672

Key activities undertaken last month:
- Investigations of options for works to be completed within the available funds is underway.

Key activities in next three months:
- Building work commences to the limit of budget.
- Have further discussions with Liquor and Gaming regarding existing grant funding.
- Call quotes for theatre seating subject to adequate funding.

Emerging issues:
- Nil
Scone CBD Revitalisation – Detail Design

Approved total budget $ 100,000
Amount spent each previous year $ 30,207 (2017/18)

Budget for current year $ 58,500
Amount spent current year $ 47,037
Available funds $ 11,463

Key activities undertaken last month:
- Detailed landscape design has progressed to the point where information from civil design consultant is required.
- Civil engineer consultant engaged.
- Plant selection/horticulture taskforce discussions held with the RMS regarding the Scone Bypass landscaping. Discussions also held with RMS and Council Works Delivery regarding design and long term maintenance.
- Part grant funding announced by State Government.

Key activities in next three months:
- Completion of detailed landscape design and associated civil design work.
- Complete additional design, studies and reports i.e. electrical design, traffic report, quantity surveyor, review of environmental effects.
- Consultation with major stakeholders.

Emerging issues:
- Current budget insufficient to cover the full cost of civil design consultant. The budget and available funding needs to be reviewed.

Murulla Street Causeway Upgrade

Forecast Cost $1,250,000
Expenditure to date $ 13,797
Expenditure year to date $ 13,797

Key activities since last month:
- Concept design being done by Bridge Design.
- Water way report being done by Bridge Design.
- Geotechnical study being done by RCA.
- Visual impact assessment commenced.

Key activities in the next three months:
- Completion of concept design.
- Completion of water way report.
- Completion of geotechnical study.
- Visual impact assessment and heritage impact assessment on adjacent foot-bridge.
- Completion of Tender documents.
- Advertise Tender.

Emerging Issues
- Community concerns about visual impact of new structure on the adjacent heritage listed timber foot-bridge, the swinging bridge.
OPTIONS

Note the report.

CONSULTATION

- Director Infrastructure Services
- Manager Special Projects
- Manager Strategic Assets
- Manager Water & Sewer
- Manager Works Delivery

STRATEGIC LINKS

a. Community Strategic Plan 2027

This report links to the Community Strategic Plan 2027 as follows:

Goal 4  Plan for a sustainable future
  CS15  Plan, facilitate and provide for a changing population for current and future generations.

Goal 6  Increase, enhance and maintain civil infrastructure, Community assets and open spaces to meet the needs of current and future generations.
  CS26  Provide safe and reliable water and sewerage services to meet the demands of current and future generations.

Goal 7  Enhance and improve the road network and bridges to meet the needs of current and future generations and communicate priorities and progress to the Community.
  CS27  Maintain and upgrade the road network and bridges.
  CS28  Increased Community engagement and updates on infrastructure planning, road priorities, works and improvements.
  CS29  Advocate, facilitate and/or provide traffic management and public transport facilities to meet the needs of the Community.

We are working to achieve the following Community Priorities:

Rural lifestyle and Country feel are valued and protected and the Upper Hunter Shire remains quiet, safe, healthy and welcoming.

Well maintained, safe, reliable and additional infrastructure, including sporting fields, parks, family and cultural facilities.
b. Delivery Program

The report addresses the following objectives for works to 30 June 2019 as described in the 2018/19 DPOP.

**Bridges**
By undertaking bridge maintenance and construction works to Council standards and specifications so as to improve safety and minimise future expenses

**Local Roads**
Undertake road maintenance and construction works to Council. Standards and specifications so as to improve road safety and minimise future expenses.

**Regional Roads**
To undertake roads and bridge maintenance and construction works to Council’s standards and specifications so as to improve road safety and minimise future expenses.

**Stormwater**
To provide stormwater drainage systems to manage flows.

**Water Supplies**
To provide an adequate and secure potable water supply to recognised standards in defined areas on a cost effective basis.

**Sewage Services**
To maintain a sewage system for the transportation and treatment of sewage to licence requirements and encourage appropriate further expansion of services.

c. Other Plans

Council’s Asset Management Plan list projects for the development of the Capital Works Program.
IMPLICATIONS

a. Policy and Procedural Implications

Nil

b. Financial Implications

All works have been budgeted for in accordance with the Delivery Program and Operational Plan (DPOP) 2018/19.

c. Legislative Implications

Due to the value of the projects being over $150,000 the tendering provisions of the Local Government Act 1993 and the Local Government (General) Regulation 2005 apply.

The two sewerage scheme projects, the Scone Sewerage Treatment Plant Augmentation and Cassilis Sewerage Scheme require State Government approval under Section 60 of the Local Government Act 1993.

d. Risk Implications

Implementation of a project management framework will assist with project management completion of capital projects. Completion of these capital works projects assists Council to mitigate their risk exposure.

e. Other Implications

Nil

CONCLUSION

The Special Projects update report provides Councillors with a review of progress of the projects and emerging issues.

ATTACHMENTS

Nil
ISC.03.4  CAPITAL WORKS UPDATE

RESPONSIBLE OFFICER: Nicholas Havyatt - Director Infrastructure Services

AUTHOR: Nicholas Havyatt - Director Infrastructure Services

PURPOSE

The purpose of this report is to provide an update on capital works projects within the 2018/2019 budgetary period.

RECOMMENDATION

That the Committee receive the report and note the information.

BACKGROUND

In association with the 2018/19 Delivery Program and Operational Plan, a schedule of the planned capital works has been prepared. Budget holders have been asked to identify when the project is planned to be delivered.

REPORT/PROPOSAL

The spreadsheet provided under separate cover shows the expenditure up to the end of February 2019, which to date is running at 84% of the year to date budget.

Key projects currently include:

- Willow Tree Road Construction
- Golf Course Reconstruction
- Saleyards
- Murrurundi Water Pipeline

OPTIONS

1. By receiving and noting the capital works update, Council is advised of works progress and associated works scheduling.
2. Councillors may seek adjustments to works timing and priorities where identified.

CONSULTATION

- Director Infrastructure Services
- Manager Works Delivery
- Manager Strategic Assets
- Manager Water & Sewer
- Manager Special Projects
STRATEGIC LINKS

a. Community Strategic Plan 2027
This report links to the Community Strategic Plan 2027 as follows:

ECONOMY AND INFRASTRUCTURE
Goal 6 Increase, enhance and maintain civil infrastructure, Community assets and open spaces to meet the needs of current and future generations.
CS24 Provide for replacement, improvement and additional Community and open space infrastructure through investment, best practice and risk management.
CS25 Provide inviting public spaces that are clean, green, properly maintained, well designed, encourage active participation, family friendly and accessible to all.
CS27 Maintain and upgrade the road network and bridges.

We are working to achieve the following Community Priorities:

- Well maintained, safe, reliable and additional infrastructure, including sporting fields, parks, family and cultural facilities.
- Upper Hunter Shire has improved and well maintained roads and bridges.
- Reliable and safe water supply.

b. Delivery Program
The report addresses the following objectives as described in the 2018/19 DPOP.

Bridges
By undertaking bridge maintenance and construction works to Council standards and specifications so as to improve safety and minimise future expenses.

Footpaths
Providing and maintaining a cycleway/footpath network that will contribute to the accessibility, safety and amenity of streets in Council’s towns and villages.

RMS State Roads
- Remain a core service provider to RMS
- Provide value for money service to RMS

Local Roads
Undertake road maintenance and construction works to Council. Standards and specifications so as to improve road safety and minimise future expenses.
Regional Roads
To undertake roads and bridge maintenance and construction works to Council’s standards and specifications so as to improve road safety and minimise future expenses.

Stormwater
To provide stormwater drainage systems to manage flows.

c. Other Plans

Many projects are identified within Community Plans, Emergency Plans or Specific Operational Plans.

Council’s Asset Management Plans are also reference documents for the development of the capital works program.

IMPLICATIONS

a. Policy and Procedural Implications

Some projects involve grant funds, community donations or use other funding sources such as R2R funds and section 94 contributions.

Expenditure of these funds is in accordance with relevant policies and legislative requirements.

b. Financial Implications

All works have been budgeted for in accordance with the Delivery Program and Operational Plan (DPOP) 2018/19.

c. Legislative Implications

Not applicable.

d. Risk Implications

The correct planning and completion of capital projects assists Council to mitigate their risk exposure.

e. Other Implications

Not applicable.

CONCLUSION

The capital works update report provides Councillors with a review of the progress of capital works for the 2018/19 financial year.

ATTACHMENTS

Nil
ISC.03.5  MURRURUNDI WATER UPDATE
RESPONSIBLE OFFICER:  Nicholas Havyatt - Director Infrastructure Services
AUTHOR:  Phillip Hood - Manager Water & Sewer

PURPOSE

The purpose of this report is to provide the Committee with an update of what works have been undertaken this month specifically in relation to the Murrurundi Water Supply.

RECOMMENDATION

That the Committee receive the report and note the information.

BACKGROUND

The Upper Hunter Region, and most of regional NSW, is currently experiencing severe drought conditions. Murrurundi is currently on Level 6 water restrictions and the current outlook is that water may run out completely before the end of the year if alternative arrangements are not made.

REPORT/PROPOSAL

Works/progress/issues this month includes:

- A leaking water main caused the pre-treatment lagoon to drop significantly in volume on Sunday 10 Feb. Both the Husky truck and the Council truck were required on the Sunday to try to recover stored volumes. The leak was found and rectified.
- On that same evening the Litree WTP stopped operating. The plant was bypassed, however a valve failure caused the filtered water tanks to overflow due to water backfeeding from the town reservoir – this happened all night and in the morning the pre-treated lagoon was all but empty. (Note: reservoir remained full).
- AEE Services Pty Ltd were immediately engaged for a two week period, to recover our levels ASAP. The pre-treatment lagoon was full by the end of the first week, so the Council truck was stood down for the second week.
- The Litree WTP failure was caused by a fault in the actuated bypass valve – water had made its way inside the elec conduit to the unit. This has now been rectified.
- A lightning strike caused temporary failure of the Glenalvon bore and permanent failure of its flowmeter. The flowmeter has since been replaced and the bore is currently producing 1.65 L/s (140 kL/d)
- Both WTP flowmeters (raw water and treated water) have also been malfunctioning, which is believed to be related to the actuated valve fault. This means that there has been no accurate plant flow data available for the last few weeks. This is being addressed currently.
- Both check valves on the treated water pumps require replacing, as they are leaking, which is causing artificially high daily flow totals – i.e. a certain amount of water is being ‘pumped twice’ to the town reservoir. The valves are being replaced on 5 March. This has not resulted in any actual water loss.
Infrastructure Services

- An additional local water carter has been engaged for ongoing water carting work – will start from 8 March. This means our Council truck will be on standby for emergencies only.

Works to be undertaken next month:

- Implementation of NSW Government emergency funding assistance for Murrurundi, including:
  - 50% funding to cover the additional bore construction costs ($230,000).
  - Funding for water carting as per Water Carting Plan – currently around $2,232 per week for UHSC, and $10,968 per week for the NSW Government, based on carting costs and current volumes required.
- Additional electrical protections installed on the Glenalvon bore.
- Seeking funds separately to undertake work on a new Murrurundi reservoir. Talks are ongoing.

Current status (28/02/2019) is:

- Dam Level 3.42 m (16.9%)
- Boyd Street Pump Station supply 23 kL/d
- Glenalvon Bore Pump Station supply 140 kL/d
- Target town consumption 166 kL/d
- Water carted 144 kL/d
- Pre-treatment lagoon (storage) 93.2%

OPTIONS

1. Receive the report
2. Amend the recommendation

CONSULTATION

- General Manager
- Director Infrastructure Services
- DPI Water

STRATEGIC LINKS

a. Community Strategic Plan 2027
This report links to the Community Strategic Plan 2027 as follows:

BUILT & NATURAL ENVIRONMENTAL
Goal 4  Plan for a sustainable future
CS15  Plan, facilitate and provide for a changing population for current and future generations.

Goal 6  Increase, enhance and maintain civil infrastructure, Community assets and open spaces to meet the needs of current and future generations.
CS24  Provide for replacement, improvement and additional Community and open space infrastructure through investment, best practice and risk management.
CS26  Provide safe and reliable water and sewerage services to meet the demands of current and future generations.
We are working to achieve the following Community Priorities:

### b. Delivery Program

The report addresses the following objectives for works up to 30 June 2019 as described in the 2018/19 DPOP:

**Water Supplies**

To provide an adequate and secure potable water supply to recognised standards in defined areas on a cost effective basis.

### c. Other Plans

Drought Management Plan.

### IMPLICATIONS

a. **Policy and Procedural Implications**

Nil

b. **Financial Implications**

These works are reactive, unplanned and subsequently not budgeted for. Funding assistance from the NSW Government has been sought to reduce the impacts on Council. Should we not receive funding then costs will be taken from the water reserves.

c. **Legislative Implications**

Nil

d. **Risk Implications**

This is an ongoing high risk situation while ever the drought conditions persist.

e. **Other Implications**

Nil

### CONCLUSION

The situation is not yet resolved and another update will be provided next month.

### ATTACHMENTS

Nil
ISC.03.6  PROPOSED ROAD NAMING - (UNKNOWN ROAD 38)

RESPONSIBLE OFFICER: Nicholas Havyatt - Director Infrastructure Services

AUTHOR: Jeff Bush - Manager Strategic Assets

PURPOSE

The purpose of this report is to seek Council approval for the proposed naming of an existing gravel road (referred to as unknown road 38) located 1.3km from Moonan Flat along Hunter Road (refer attachment for location).

RECOMMENDATION

That Council
1. adopt the name of ‘Bells Lane’ for the gravel road (referred to as unknown road 38) located 1.3km from Moonan Flat, along Hunter Road.
2. seek approval from the Geographical Names Board.
3. advertise the proposed road name in accordance with the requirements of the Roads Act 1993.
4. place typical signage at the intersection with Hunter Road.
5. allocate new addresses to all residents.

BACKGROUND

Upper Hunter Shire Council received correspondence on behalf of the residents of the road known by Council as “Unknown Road 38” off Hunter Road at Moonan Flat, requesting for a formal naming of the road for addressing purposes.

Council is continually reviewing rural road numbers and addresses across the Shire at the request of land owners and NSW Land & Property Information. A complete formal address is becoming increasingly important and is required for a wide range of applications including licencing, passports, notice of sale, utility connections and NSW Swimming Pool Registrations. Most importantly, a complete address assists emergency services in locating a property in an emergency.

REPORT/PROPOSAL

In the correspondence to Council the name “Tilses Road” was suggested in honour of the late Mr Ray Tilse, who was a long standing local with ties to Moonan Flat.

However, upon further investigation by staff into historical events within the area, it was noted that on the 17 May 1968 a perennial stream known as Bells Creek was renamed Moonan Brook, which coincidently flows adjacent to the road in question. Also the nearby bridge on Hunter Road over the Moonan Brook is known as Bells Bridge.

The author of the correspondence has been contacted and is agreeable with the historical significance and fully supports the name “Bells Lane.”
OPTIONS

1. Adopt and officially name the Unknown Road 38 as “Bells Lane”.
2. Council to provide alternative name.

CONSULTATION

Council has been in contact with the author who made the request on behalf of the residents whom reside along this road and the Geographical Names Board.

STRATEGIC LINKS

a. Community Strategic Plan 2027

This report links to the Community Strategic Plan 2027 as follows:

Goal 7 Enhance and improve the road network and bridges to meet the needs of current and future generations and communicate priorities progress to the Community.

We are working to achieve the following Community Priorities:

- Rural lifestyle and Country feel are valued and protected and the Upper Hunter Shire remains quiet, safe, healthy and welcoming.
- Upper Hunter Shire Council is an effective and efficient organisation, focusing on community engagement, action and response.
- Upper Hunter Shire has improved and well maintained roads and bridges.

b. Delivery Program

- A well maintained road network

c. Other Plans

Nil
**IMPLICATIONS**

a. **Policy and Procedural Implications**

Road naming is conducted in accordance with the Roads Act 1993 and the Roads Regulation 2008.

For the purposes of this policy, the Geographic Naming Board (GNB) advises that Local Government (with jurisdiction over the area in which the road is located) are responsible for endorsing the authoritative road name and ensuring it is approved by the GNB and gazetted.

b. **Financial Implications**

Advertising and signage costs included in Traffic Facilities budget – approximate cost $1,000.

c. **Legislative Implications**

Section 162 of the Roads Act 1993 provides that:
(1) a roads authority may name and number all public roads for which it is the roads Authority.
(2) RMS may name and number all classified roads.
(3) neither a roads authority nor RMS may name a public road, or alter the name of a public road, unless it has given the Geographical Names Board at least one month’s notice of the propose name.

d. **Risk Implications**

Nil

e. **Other Implications**

Advertising of the proposed name will allow for further community input into the naming process.

**CONCLUSION**

That the existing gravel road (referred to as Unknown Road 38) located 1.3km from Moonan Flat along Hunter Road, be named ‘Bells Lane’. The name recognizes a historical significance to the area through the renaming of the adjacent Moonan Brook from Bells Creek in 1968.

It is recommended that the name be placed on exhibition for public comment before final consideration by Council.

**ATTACHMENTS**

1. Unknown Road 38 - Arial
2. Geographical Names Register Extract - Bells Creek Upper Hunter - March 2019
Extract

If you have any information about this feature which does not appear on the extract below, please contact the Geographical Names Board's Secretariat with your comments and suggestions.

**GEOGRAPHICAL NAMES REGISTER EXTRACT**

<table>
<thead>
<tr>
<th>Reference</th>
<th>38968</th>
</tr>
</thead>
<tbody>
<tr>
<td>Placename</td>
<td>Moonan Brook</td>
</tr>
<tr>
<td>Designation</td>
<td>River</td>
</tr>
<tr>
<td>Status</td>
<td>Assigned 17th May 1968</td>
</tr>
<tr>
<td>Previous Name</td>
<td>Bells Creek</td>
</tr>
<tr>
<td>LGA</td>
<td>Upper Hunter</td>
</tr>
<tr>
<td>Approx. AGD66 Lat.</td>
<td>-31 58 00</td>
</tr>
<tr>
<td>Approx. AGD66 Long.</td>
<td>151 21 00</td>
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<tr>
<td>Approx. GDA94 Lat.</td>
<td>-31 57 54</td>
</tr>
<tr>
<td>Approx. GDA94 Long.</td>
<td>151 21 04</td>
</tr>
<tr>
<td>Topographic Map:</td>
<td>Moonan Brook</td>
</tr>
<tr>
<td>1:100000 Map:</td>
<td>Ellerston 9134</td>
</tr>
<tr>
<td>Parish</td>
<td>Moonan</td>
</tr>
<tr>
<td>County</td>
<td>Durham</td>
</tr>
<tr>
<td>Description</td>
<td>A perennial stream rising on the west slopes of Mount Royal Range north of Barrington Trigonometrical Station. Flowing generally west north west for about 19 km into the Hunter River at Moonan Flat.</td>
</tr>
</tbody>
</table>

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ANSWERS TO COUNCILLOR QUESTIONS

RESPONSIBLE OFFICER: Nicholas Havyatt - Director Infrastructure Services

AUTHOR: Megan Thew - Infrastructure Services Support Officer

PURPOSE

The purpose of the report is to provide an update to Councillors on questions asked at the previous Infrastructure Services Committee meeting.

RECOMMENDATION

That Council receive and note the report.

BACKGROUND

At each Infrastructure Services Committee meeting the Councillor’s ask questions to the Infrastructure Services Director and Managers. Some questions require further investigation and actions to be made.

This report is to provide the questions being asked by the Councillor’s and to ensure we have provided answers and relevant information regarding it.

This report will show the questions raised from the last meeting and any outstanding questions. Please note that if the question is a service request the question will be moved in to the CRM system and not be shown in this report.

REPORT/PROPOSAL

February 2019
Cr Campbell

1. Asked: What are the skip bins used for at Merriwa Waste Depot?
   
   Response: Director Infrastructure Services has consulted with Councils Manager Sustainability and Environment who has confirmed that the skip bins are used for general waste. They are currently being brought over to Scone to be weighed so they can identify how much general waste Merriwa has.

Cr Abbott

1. Asked: Can the Scone town drains be tidied up before we get the next lot of big rain.
   
   Response: Director Infrastructure Services has advised that the drains have been inspected and work is scheduled to begin in the next few months.

   
   Response: Manager Water and Sewer advised the steps and process of that would not be cost effective. It is however already being used for irrigation purposes.
3. Asked: Where is the material being pulled out of Willow Tree Road construction going to?  
   Response: Director Infrastructure Services has advised the material is being repurposed onsite.

4. Asked: Can the line marking on the new sealed section on Moobi Road be broken lines?  
   Response: Director Infrastructure Services has advised that it has to be two unbroken lines as there is insufficient site distance at that location to allow for safe overtaking.

Cr Collison

1. Asked: Has the community consultation been scheduled for Mossvale Footbridge  
   Response: Director Infrastructure Services has advised that the community consultation will be scheduled in the next few months.

OPTIONS

Note the report.

CONSULTATION

- Director Infrastructure Services
- Manager Works Delivery
- Manager Strategic Assets
- Manager Water & Sewer
- Manager Special Projects

STRATEGIC LINKS

a. Community Strategic Plan 2027
   This report links to the Community Strategic Plan 2027 as follows:

   **ECONOMY AND INFRASTRUCTURE**
   - **Goal 6** Increase, enhance and maintain civil infrastructure, Community assets and open spaces to meet the needs of current and future generations.
   - **CS24** Provide for replacement, improvement and additional Community and open space infrastructure through investment, best practice and risk management.
   - **CS25** Provide inviting public spaces that are clean, green, properly maintained, well designed, encourage active participation, family friendly and accessible to all.
   - **CS27** Maintain and upgrade the road network and bridges.

We are working to achieve the following Community Priorities:
b. **Delivery Program**
The report addresses the following objectives up to June 2019 as described in the 2018/19 DPOP:

**Parks, Gardens and Sporting Fields**
By providing quality open spaces, parks sporting grounds and reserves that are suitable and accessible for the community.

**Roads and Bridges – Local & Regional**
By undertaking roads, stormwater, footpaths and bridge maintenance and construction works to Council’s standards and specifications so as to improve road safety and minimise future expenses.

**Parks & Gardens**
- A parks and open space maintenance program across Council.
- Upgrade or replace parks and playground equipment.

**Roads - Local & Regional**
- A well maintained urban, rural sealed and unsealed road network.
- Increase effectiveness of preventative maintenance work as part of maintenance management works practices.
- Construction and quality specifications for road construction.

c. **Other Plans**

Asset Management Plans.

**IMPLICATIONS**

a. **Policy and Procedural Implications**

Parks, Sporting Fields, Footpath, Road and Bridge maintenance guidelines as identified within Asset Management Plans and Strategic Plans.

b. **Financial Implications**

Identified within individual items in the 2017/18 and 2018/19 budgets.

c. **Legislative Implications**

Not applicable.
d. Risk Implications

Nil

e. Other Implications

Nil

CONCLUSION

The updated report is provided to answer previous questions addressed by Councillor’s in the February 2019 Infrastructure committee meeting.

ATTACHMENTS

Nil