



**muswellbrook
shire council**

Muswellbrook Shire Council
INFRASTRUCTURE COMMITTEE
MEETING

BUSINESS PAPER
26 JULY 2017



INFRASTRUCTURE COMMITTEE MEETING, 26 JULY 2017

MUSWELLBROOK SHIRE COUNCIL

P.O Box 122
MUSWELLBROOK
20 July, 2017

Councillors,

You are hereby requested to attend the Infrastructure Committee Meeting to be held in the COUNCILLORS ROOM, Administration Centre, Muswellbrook on **26 July, 2017** commencing at 4.30pm.

Neil Pope
DIRECTOR, COMMUNITY INFRASTRUCTURE

Order of Business

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**MUSWELLBROOK SHIRE COUNCIL
INFRASTRUCTURE COMMITTEE MEETING**

AGENDA
WEDNESDAY 26 JULY 2017

1 APOLOGIES AND LEAVE OF ABSENCE

Moved: _____ Seconded: _____

2 CONFIRMATION OF MINUTES OF PREVIOUS MEETING

RECOMMENDATION

That the Minutes of the Infrastructure Committee held on **28 June 2017**, a copy of which has been distributed to all members, be taken as read and confirmed as a true record.

Moved: _____ Seconded: _____

MINUTES OF THE INFRASTRUCTURE COMMITTEE MEETING OF THE MUSWELLBROOK SHIRE COUNCIL HELD IN THE COUNCILLORS ROOM, ADMINISTRATION CENTRE, MUSWELLBROOK ON WEDNESDAY 28 JUNE, 2017 COMMENCING AT 4.30PM.

PRESENT: Cr M. Rush, Cr M. Bowditch, Cr G. McNeill, Cr J.F. Eades, Cr R. Scholes, Cr S. Ward and Cr B.N. Woodruff.

IN ATTENDANCE: Mr S.J. McDonald (General Manager), Mr N.W. Pope (Director, Community Infrastructure), Mr P. Redan (Executive Manager, Water and Waste), Mr D. Finnigan (Manager, Muswellbrook Works), Mrs L. Payne (Finance Co-Ordinator), Mr R. Franklin (Chief Financial Officer), Mr M. Lysaught (Manager, Property & Building), Mr J. Brown (Executive Services Co-Ordinator) and Mrs M. Sandell-Hay (PA to General Manager).

1 APOLOGIES AND LEAVE OF ABSENCE

RECOMMENDED on the motion of Crs Rush and Bowditch that:

The apologies for inability to attend the meeting submitted by Cr S. Bailey, Cr J. Foy, Cr M. Green, Cr J. Ledlin and Cr S. Reynolds be ACCEPTED and the necessary Leave of Absence be GRANTED.

2 CONFIRMATION OF MINUTES OF PREVIOUS MEETING

RECOMMENDED on the motion of Crs McNeill and Scholes that:

The Minutes of the Infrastructure Committee held on 31 May 2017, a copy of which has been distributed to all members, be taken as read and confirmed as a true record subject to the following being included under Item 5.1

“Cr McNeill suggested the item be deferred to allow an opportunity for the feasibility of suggested changes to the report, by user groups, pertaining to sporting fields mowing height specifications, be investigated and considered. Cr Scholes & Rush stated a deferment was unnecessary as the specifications could be amended at any time in the future, if deemed suitable”.

3 DISCLOSURE OF ANY PECUNIARY AND NON-PECUNIARY INTEREST

Nil

4 BUSINESS ARISING

Nil

5 BUSINESS

5.1 QUARTERLY REPORT - PROGRESS ON THE RECYCLE WATER TREATMENT WORKS PROJECT

RECOMMENDED on the motion of Crs Rush and Ward that:

Council note the quarterly progress report on the provision of the new recycle water treatment works up to the month of June 2017.

6 DATE OF NEXT MEETING

26 July 2017

7 CLOSURE

The meeting was declared closed at 4.40 pm.

.....
Mr S. McDonald
General Manager

.....
Cr B. Woodruff
Chairperson

3 DISCLOSURE OF ANY PECUNIARY AND NON-PECUNIARY INTEREST

Section 451 of the Local Government Act requires that if a councillor or member of a council or committee has a pecuniary interest in any matter before the council or committee, he/she must disclose the nature of the interest to the meeting as soon as practicable and must not be present at, or in sight of, the meeting, when the matter is being discussed, considered or voted on.

A pecuniary interest is an interest that a person has in a matter because of a reasonable likelihood or expectation of financial gain or loss (see sections 442 and 443 of the Local Government Act).

A non-pecuniary interest can arise as a result of a private or personal interest which does not involve a financial gain or loss to the councillor or staff member (eg friendship, membership of an association, or involvement or interest in an activity). A councillor must disclose the nature of the interest to the meeting as soon as practicable.

Council's Model Code of Conduct now recognises two forms of non-pecuniary conflict of interests:

- Significant
- Less than significant

A Councillor must make an assessment of the circumstances and determine if the conflict is significant.

If a Councillor determines that a non-pecuniary conflict of interests is less than significant and does not require further action, they must provide an explanation of why it is considered that the conflict does not require further action in the circumstances.

If the Councillor has disclosed the existence of a significant non-pecuniary conflict of interests at a meeting they must not be present at, or in sight of, the meeting, when the matter is being discussed, considered or voted on.

4 BUSINESS ARISING

5 BUSINESS

5.1 GRAFFITI MANAGEMENT ACTIVITY FOR SECOND TWO QUARTERS OF 2016-2017

Attachments:	Nil
Responsible Officer:	Neil Pope - Director, Community Infrastructure
Author:	Ryan Derrington - Graffiti Management Officer
Community Plan Issue:	<i>Provide community infrastructure and services that supports and improves community connectivity, access and wellbeing</i>
Community Plan Goal:	<i>Our communities have safe and convenient access to public car parks, footpaths and cycle ways</i>
Community Plan Strategy:	<i>Make the town centres and approaches more attractive</i>

PURPOSE

This report provides information relating to the management of graffiti in the Muswellbrook Shire Local Government Area for the six month period January 2017 to June 2017.

OFFICER'S RECOMMENDATION

The information contained in this report be noted.

Moved: _____ Seconded: _____

REPORT

Council's Graffiti Management Officer commenced duty with Council in May 2016. Over the last twelve months, the Graffiti Management Officer has focused his attention on the removal of a considerable backlog of graffiti predominantly in Muswellbrook, but also in the Denman urban area.

In the six month period, January to June 2017, 407 discrete graffiti removal jobs have been carried out; representing a total of 2016.5 square metres of graffiti removed which is down 57 per cent from the first two quarters of 2016-2017 which was 4,770 square metres of graffiti removed. During this time, Council has received a number of compliments from members of the public relating to the work that has been carried out.

Staff utilise the Australian Graffiti Register (AusGR) specialised software to manage the considerable volume of data associated with the reporting and management of graffiti. The unique reporting page has been established on Council's web site and is being used by Council Staff and members of the public to report graffiti incidents. The AusGR software enables analysis of the data that assists with concentrating resources where they are most needed, and also provides graffiti 'hot spot' information that Council is providing to Muswellbrook Police in order to assist with identifying problem graffiti vandals in the community. This is done primarily through the provision of photographs and identification of 'tags'.

In Muswellbrook Shire, 98 per cent of graffiti vandalism involves tagging of infrastructure, as evidenced by the following table:

Table 1: Graffiti Type Report

Graffiti type	Graffiti count
Graffiti	11
Poster/sticker	1
Stencil	5
Tag	399
Total	407

With regards to the medium through which the graffiti occurs, spray paint is the most common medium, occurring in 59 per cent of cases, as evidenced in the following table:

Table 2: Graffiti Medium Report

Graffiti Medium	Count
Marker	146
Other	22
Poster/sticker	2
Spray paint	249
Total	421

With regards to the Ownership of assets in which the graffiti occurs on, Council assets are the most common assets to be vandalised by graffiti, occurring in 63 per cent of cases, as evidenced in the following table:

Table 3: Graffiti Medium Report

Graffiti Medium	Count
Council	264
Commercial	37
Residential	83
RMS	4
Other Stakeholders	30
Total	418

The removal of graffiti can be a complex procedure, and requires a range of removal methods, applied with suitable expertise in order to achieve the best possible results from both the perspective of removal of the graffiti and ensuring no damage to infrastructure occurs as a result of the graffiti treatment. The graffiti removal methods utilised in the six month period January to June 2017 includes the following:

Table 4: Graffiti Removal Method

Graffiti Removal Method	Square metres of graffiti removed
Chemical removal	419
Cleaning	101
High pressure blasting	491
Paint over graffiti	791.5
Paint over and Chemical removal	258
Scrape off	2
Other	2
Total	2,064.5

With regards to recurring graffiti, Council's Graffiti Management Officer regularly liaises with Muswellbrook Police to provide information with regards to incidences of recurring graffiti vandalism that may constitute a graffiti 'hot spot' location. Seven Police reports have been logged online in the NSW Police Community Portal.

Graffiti management budget

The 2016-2017 Graffiti Removal Budget is \$100,000, including an overhead amount of \$14,045. It should also be noted that a \$20,000 component of the Graffiti management budget is to be funded by donation. To date, discussions have been held with Muswellbrook Chamber of Commerce and Industry and no contributions have been made.

After the intensive graffiti removal effort required to clean up the backlog of graffiti in the first two quarters of 2016-2017, the expenditure trend has moderated in the second two quarters of 2016-2017 and finished slightly under the budget amount.

The Graffiti Management Officer has also been high pressure water jetting of Council assets which included the cleaning of, Brook Street footpath, MOOSH Centre carpark, Olympic Park grandstand, Hunter Park basketball court, QEII forecourt and building, Retaining wall on Bridge Street, Bell Park footpaths and BBQ area, and Highbrook playground footpaths and playground equipment. This has assisted with moderating the expenditure trend associated with the Graffiti Removal Budget.

The submission of this report complies with section 4.08.03.1 of the Operational Plan: Provide biannual graffiti management reports to Council's Infrastructure Committee.

5.2 UTILISATION OF RECOVERED ROAD MATERIALS

Attachments:	Nil
Responsible Officer:	Neil Pope - Director, Community Infrastructure
Author:	Hasnat MD - Works Engineer
Community Plan Issue:	<i>Provide community infrastructure and services that supports and improves community connectivity, access and wellbeing</i>
Community Plan Goal:	<i>That our community infrastructure is appropriate, sustainable and well maintained</i>
Community Plan Strategy:	<i>Improve long term financial sustainability of infrastructure assets</i>

PURPOSE

This report provides detail regarding the reuse of recovered materials from Community Infrastructure projects and works, and also summarises the utilisation of recovered and recycled materials from the Muswellbrook Waste Recovery Facility for the period 1 January 2017 to 30 June 2017.

OFFICER'S RECOMMENDATION

The information contained in this report be noted.

Moved: _____ Seconded: _____

REPORT

1. Utilisation of reuse and recycled material from the Muswellbrook Waste Recovery Facility for the period 1 January 2017 to 30 June 2017

During the period 1 January 2017 to 30 June 2017, the following material was taken from stockpiled and recycled material at the Muswellbrook Waste Recovery Facility, which is licensed to stockpile these recovered materials for reuse. The materials were used on various works carried out by Muswellbrook Shire Council.

Table: Summary of suitable recovered material taken from the Muswellbrook Waste Recovery Facility for reuse on Muswellbrook Shire Council works during the period 1 January 2017 to 30 June 2017.

Section	Road pavement material (tonnes)	Pasteurised compost (tonnes)	Untreated timber (tonnes)	Total
Roads and Drainage	0	0	0	0
Sustainability	0	0	0	0
Works	253.50	0	0	253.50
Total	253.50	0	0	253.50

With regards to the reused road pavement material, the bulk of the material has been utilised in the carrying out of current rehabilitation works on Hebden road. Reuse of the recovered material made available through excavated suitable material recovered from road construction, rehabilitation and

heavy patching works has enabled considerable savings resulting from the reduction in virgin materials required to carry out the works. As well as the reimbursement of the EPA waste levy, the 253.50 tonnes of road pavement material utilised on maintenance grading and other works has resulted in approximate savings of \$5,300 for these works. These savings have been made in the utilisation of reuse materials rather than purchase of virgin natural material from a quarry.

2. Waste disposal charges relating to road construction projects and other Community Infrastructure works for the period 1 January 2017 to 30 June 2017

During the period 1 January 2017 to 30 June 2017, the following waste charges applied to waste material unsuitable for reuse generated by Community Infrastructure projects and works. When considering the disposition of waste generated by projects and works, waste management options are considered against a waste management hierarchy of the following order:

- Avoidance of unnecessary natural resource consumption. Wherever it is possible to do so, suitable excavated material is reused on the project or worksite. Material reused in this manner is not considered to be waste.
- Resource recovery (including reuse, reprocessing, and recycling).
- Disposal.

Table: Waste charges (comprised of EPA waste levy, handling charge and GST) generated from infrastructure projects and works in the period 1 January 2017 to 30 June 2017

Section	January (\$)	February (\$)	March (\$)	April (\$)	May (\$)	June (\$)	Total (\$)
Parks	917.51	1,351.41	1,592.13	910.49	1,187.02	739.53	6,698.09
Property & Buildings	291.31	250.6	490.43	3,129.25	212.73	2,004.33	6,378.65
Roads & Drainage	0	2,511.43	20,498.19	591.61	46,266.24	66,040.86	135,908.33
Water & Waste	589.87	820.46	2,031.42	700.53	5,065.02	3,682.52	12,889.82
Works	17,748.47	10,034.2	7,857.03	4,264.16	32,215.28	12,088.1	84,207.24
Total	19,547.16	14,968.10	32,469.20	9,596.04	84,946.29	84,555.34	246,082.13

The waste charges are comprised of the EPA waste levy amount plus a handling charge that includes GST. The above table represents the gross waste charges for material either stockpiled or disposed of at the Muswellbrook Waste Recovery Facility resulting from Community Infrastructure projects and works over the period 1 January 2017 to 30 June 2017.

The submission of this report satisfies the following Operational Plan item:

4.10.02.4-d) Increase reuse of recovered road materials; for example, milled AC reuse, select fill, topsoil, green waste and woodchip.

5.3 2016-2017 Q4 COMMUNITY INFRASTRUCTURE CAPITAL WORKS STATUS REPORT

Attachments:	A. 2016-2017 CI Capital Works - Hybrid.xlsx
Responsible Officer:	Neil Pope - Director, Community Infrastructure
Author:	Regina Connon - Business Systems & Plant Co-Ordinator
Community Plan Issue:	<i>Provide community infrastructure and services that supports and improves community connectivity, access and wellbeing</i>
Community Plan Goal:	<i>That our community infrastructure is appropriate, sustainable and well maintained</i>
Community Plan Strategy:	<i>Develop and maintain the Shire's infrastructure</i>

PURPOSE

This report presents in tabular form the status of 2016-2017 Q4 Community Infrastructure Capital Works Projects updated to 30 June 2017.

OFFICER'S RECOMMENDATION

Council note the information contained in the 2016–2017 Q4 Community Infrastructure Capital Works Status Report updated to 30 June 2017.

Moved: _____ Seconded: _____

BACKGROUND

This report is updated by Community Infrastructure Section Managers on a monthly basis and reported quarterly to the Infrastructure Committee.

CONSULTATION

Not Applicable.

CONSULTATION WITH COUNCILLOR SPOKESPERSON

Not Applicable.

REPORT

Please refer to the attached report.

OPERATIONAL PLAN IMPLICATIONS

The submission of this report complies with sections 4.02.01.1, 4.02.02.2, 4.04.01.2, 4.04.02.2, 4.04.03.1, 4.05.01.1, 4.05.02.1, 4.06.01.2, 4.07.01.2, 4.08.01.1, 9.01.01.1, 9.01.01.2, 9.02.03.1, 9.03.01.2, 9.07.06.1 of the 2016-17 Operational Plan.

STATUS OF COMMUNITY INFRASTRUCTURE 2016-2017 CAPITAL WORKS AS AT 30 June 2017

Project	Project Stage Investigation (I) Design (D)/ Construction (C)	Budget for Project	PLANNED START	PLANNED COMPLETION	PLANNED COMPLETION (EXTENDED)	ACTUAL START	ACTUAL COMPLETION	STATUS as of 30 June 2017
Roads Capital Works								
Denman Gateway Project [3550.4261]	C	\$700,000	Jul-16	Dec-16	May-17	Jul-16	Jun-17	Landscaping works at the intersection of Crnoline and Golden highway is completed. Tree planting in Palace is to be undertaken in Autumn as reported to Council. Renewal of kerb and gutter and road pavement on the section of Palace St. is completed. Renewal of sections of footpath and restoration and vegetation of the nature strip is also completed.
Safety Device Renewal Program [3590.4145]	C	\$81,293	Aug-16	Jun-17		Sep-16	Jun-17	Council approved to utilise this allocation to match the grant funding to construct shared pathway in Dolahenty St and Rutherford Road. Dolahenty St Footpath construction is complete.
Drainage Devices Program [3540.4065]	D/C	\$160,000	Mar-17	Jun-17				Not commenced.
ARTC Underpass Project	C	\$125,000	Nov-16	Dec-16	May-17	Jul-16	May-17	Project completed.
Road Rehabilitation (R4R - Round 3)		\$4,200,000	July '15	Apr-17	Jun-17	Sep-15		(see comments below)
1. Bylong Valley Way	C						Mar-17	Four sections of Bylong Valley Way have been completed since June 2015.
2. Wybong Road	C						Dec-16	Completed.
3. Hebden Road	C				Aug-17	Feb-17		Construction commenced in Feb 2017 and works are in progress. Construction of base and preparation for seal being undertaken.
4. Burren Road							Mar-16	Works completed in 2015/2016 financial year.

STATUS OF COMMUNITY INFRASTRUCTURE 2016-2017 CAPITAL WORKS AS AT 30 June 2017

Project	Project Stage Investigation (I) Design (D)/ Construction (C)	Budget for Project	PLANNED START	PLANNED COMPLETION	PLANNED COMPLETION (EXTENDED)	ACTUAL START	ACTUAL COMPLETION	STATUS as of 30 June 2017
Stabilisation of Rosemount Road Cutting (R4R R2)	C	\$1,100,000	Sep-16	Dec-16	Mar-17	Sep-16	Mar-17	Rosemount Road cutting stabilisation works are completed.
Sandy Hollow Town Centre Project	C	\$40,000	Oct-16	Dec-16		Oct-16	Dec-16	Construction of concrete footpath between tourist hotel and the community hall is completed.
Kerb & Gutter Renewal [3560.4065]	C	\$120,000	Feb-17	Jun-17		Nov-16	Jun-17	Completed.
Footpath Renewal [3500.4072]	C	\$100,000	Oct-16	Jun-17			Jun-17	Completed.
New Footpaths [3500.4073]	C	\$150,000	Sep-16	Dec-16		Aug-16	Dec-16	Completed.
Urban Road Renewal [3500.4050]	C	\$985,000	Aug-16	Jun-17	Aug-17	Aug-16		Renewal of Palace Street from Crinoline St to Ogilvie Street is complete. Stormwater drainage, Kerb & gutter and road pavement works are completed. Vegetation of the nature strip is completed. Renewal of a section of Lorne St is completed. Renewal of St Heliers St is complete with the exception of minor concrete works and some restoration in the footpath area.
CBD Stage 6	C	\$1,000,000	Jul-16	Jun-17	Oct-17	Jul-16		Contractors PS and KE Wear have been engaged to construct the project. Construction commenced on 16 June in the of the central median. Kerb and gutter has been laid and construction of the retaining wall and plinth is progressing.
Carpark Renewal [3580.4234]	C	\$100,000	TBA	TBA			NA	Part of the available funds were used to purchase land adjacent to Royal Hotel off William St. Remaining funds have been reallocated to CBD Stage 6 project.
Cycleway Design- Industrial Estate to Mbk Township [3500.4260.504]	D	\$60,000	Jun-16	Mar-17	Jun-17	Sep-16	May-17	Concept design is completed.
Rural Road Regravelling Program [3500.4055]	C	\$320,000	Feb-17	Jun-17		Dec-16	Jun-17	Programmed works have been completed within budget.

STATUS OF COMMUNITY INFRASTRUCTURE 2016-2017 CAPITAL WORKS AS AT 30 June 2017

Project	Project Stage Investigation (I) Design (D)/ Construction (C)	Budget for Project	PLANNED START	PLANNED COMPLETION	PLANNED COMPLETION (EXTENDED)	ACTUAL START	ACTUAL COMPLETION	STATUS as of 30 June 2017
Regional Road Renewal Program [3502.4135]	C	\$274,800	Sep-16	Jun-17		Aug-16	Nov-16	Stage 1 project adjacent to James Estate Winery has been completed. Stage 2 project between Goulburn River bridge and Richmond Grove Rd has also been completed.
Road Resealing Program [3500.4030]	C	\$1,161,826	Nov-16	Mar-17		Oct-16		The urban and rural resealing programs have been completed.
WASTE MANAGEMENT								
Waste Less, Recycle More – Household Problem Wastes Drop-Off Centre	D	\$181,280 granted. \$63,000 Council's allocation from Better Waste and Recycling Fund.	Jun-15	Apr-16	Jul-17	May-17	Jul-17	Concrete slab completed, shed erection in progress. Construction will be completed July 2017.
WATER								
Reservoir Renewal and Replacements [5310.4321]	C	\$137,300	Jul-15	Jun-16	Jun-18	Jul-16	Sep-16	The specification has been developed and is in the process of additional evaluation and preparations for the soliciting of bids. Some work can be completed in the 1st and 2nd quarter of 2017/18, with the main refurbishment work to be completed in the fourth quarter as it is advised that the reservoir be taken out of commission next year in the winter months.
Integrated Water Cycle Management Planning [5310.4325]	D	\$73,096	Feb-16	Apr-17	Aug-17	Feb-16		Options study report presented to stakeholder meeting 1/12/2016. Further discussions were engaged on 31 May 2017 and options re-evaluated for the refinement of the LTFP modelling. Four scenarios developed and in process of running financial modelling with the inclusion of additional costs identified through the development of the Total asset management plan.
Renewable Energy Target Works [5310.4326]	C	\$80,000	Oct-16	Mar-17		Oct-16	Feb-17	Completed - Installation of 31 kW photovoltaic system at Sandy Hollow Water Treatment Plant.

STATUS OF COMMUNITY INFRASTRUCTURE 2016-2017 CAPITAL WORKS AS AT 30 June 2017

Project	Project Stage Investigation (I) Design (D)/ Construction (C)	Budget for Project	PLANNED START	PLANNED COMPLETION	PLANNED COMPLETION (EXTENDED)	ACTUAL START	ACTUAL COMPLETION	STATUS as of 30 June 2017
Water Leakage Investigation and Repair [5310.4363]	I/C	\$159,628	Jul-15	Nov-16	Jun-17	Jun-16	Jun-17	Leakage investigation conducted with leaks identified. Major leaks repaired and minor leaks being completed as a scheduled program of works. New inflow water meter installed at South Muswellbrook Reservoir. Other flow meter installation in recommended locations scheduled for installation in future financial years. Water use and flow pattern in different zones will be monitored prior to further investigation on possible leakage losses.
South Muswellbrook Reservoir [5310.4542]	I/D	\$184,183	Apr-15	Sep-16	Aug-17	Jul-16		The design for the Pump station, Reservoir, and Pipelines for the original route completed. All investigations including Review of Environmental Factors completed for the alternative pipeline route, pump station and reservoir location. The design of the reservoir for the alternative location is complete. The detailed design for the pipeline, pump station and associated works for the alternative pipeline route are underway.
Contribution to Bulk Water of Glenbawn Dam [5310.4557]	I	\$103,999	Jul-16	Jun-17	Aug-17	Jul-16		Consultants Options Report reviewed by Public Works who have developed a number of alternatives scenarios, which are currently under consideration and included in the IWC financial modelling. The preferred scenario will be a basis for further consultation with Upper Hunter Shire Council.
Denman Water Treatment Works [5310.4559]	I/C	\$315,620	Oct-16	Jun-17	May-18	Oct-16		The membranes have reached the end of their useful life and need to be replaced. A membrane option study advised to replace existing membranes with the same technology membranes to keep cost realistic, but also suggested process improvements. Specifications have been prepared for the replacement of the membrane and the procurement process has been initiated for replacement in the first quarter of 2017/18 FY. A program has been developed and additional minor improvements will continue into the 2017/18 financial year.
Muswellbrook Water Treatment Plant Replacements [5310.4560]	D/C	\$750,000	Jul-15	Jun-17	Jun-18	Aug-16		The Contract for the Clarifier Upgrade has been completed. Electrical drawings are currently under review for both raw water and clear water pump stations. Specifications for electrical upgrades currently underway by Public Works. Chemical dosing infrastructure renewals planned to be performed in 2017/18 FY.
Reticulation - Muswellbrook - Capital [5320.4340]	I/D/C	\$1,060,000	Oct-16	Jun-17	Deco-17	Oct-16		Ultrasonic testing of water pipelines completed in critical areas of Muswellbrook. The relining of the pipeline in Brook Street is complete. The relining for Bridge Street and William Street currently at tender stage and to be implemented in 2017/18 FY.

STATUS OF COMMUNITY INFRASTRUCTURE 2016-2017 CAPITAL WORKS AS AT 30 June 2017

Project	Project Stage Investigation (I) Design (D)/ Construction (C)	Budget for Project	PLANNED START	PLANNED COMPLETION	PLANNED COMPLETION (EXTENDED)	ACTUAL START	ACTUAL COMPLETION	STATUS as of 30 June 2017
Telemetry and Associated Equipment [5340.4384]	I/D/C	\$70,698	Jun-16	Dec-16	Jun-17	Sep-16		Two Clearscada licenses have been procured and the software will be installed in July 2017. A schedule for further improvements have been developed and these improvements will commence in the 2017/18 financial year.
Asset Management System Development [5340.4399]	I/D	\$60,000	Jul-16	May-17	Jul-17	Jul-16		Detailed condition assessments have been performed along with the scoping of rectification works, which form the basis of the long term planning. The Total asset management plans' re-evaluation of the replacement costs for water and waste water are available for provision to Finance department. There is a possibility that the requirements for SS7 may differ from previous years and on receipt of the new requirements, there may be a need for minor revisions.
Unaccounted for Water and Investigations	I/C	\$60,000	Jul-15	Jun-16	Dec-16	Jul-15	Jan-17	Ultrasonic testing completed on identified high risk pipelines. Results received and currently under review to develop a rehabilitation program.
Sandy Hollow Water Supply	I	\$190,000	Jan-14	Jun-16	Dec-17	Jul-16		Options including domestic softener systems and a feasibility of new water main from Denman to Sandy Hollow evaluated and submitted to Infrastructure Committee, which requested a further report on other options. A draft policy on potable rainwater tank subsidy prepared in April but not reported to Infrastructure Committee, as IWC process which is underway, anticipated to provide community guidance on preferred options. Planned replacement of Macrolite and carbon filter media is in tender stage.
SEWERAGE								
Renewable Energy Target Works [6310.4326]	C	\$133,496	Oct-16	Feb-17		Oct-16	Feb-17	Completed - Installation of 40 KW photovoltaic system at Denman Sewer Treatment Plant.
Reticulation - Muswellbrook - Capital [6310.4340]	I/C	\$950,000	Jul-16	Jun-17	May-18	Jul-16		Design currently underway with options to reduce construction costs currently being explored. Tender and construction to commence in 2017/18 FY.
I & D New Sewerage Treatment [6310.4436]	I/D	\$755,000	Jul-15	Oct-16	Oct-18	Jul-15	Nov-16	This work related to the Design, investigations and professional services for the new provision of the RW TW project. The design of the new RW TW, tendering process and award of the Contract is complete. Professional services continue until completion of the project.

STATUS OF COMMUNITY INFRASTRUCTURE 2016-2017 CAPITAL WORKS AS AT 30 June 2017

Project	Project Stage Investigation (I) Design (D)/ Construction (C)	Budget for Project	PLANNED START	PLANNED COMPLETION	PLANNED COMPLETION (EXTENDED)	ACTUAL START	ACTUAL COMPLETION	STATUS as of 30 June 2017
CCTV Inspection of Mains [6310.4457]	I	\$350,000	Aug-16	Jun-17	Jun-17	Jan-17	Jun-17	A contract for the fourth stage of the CCTV Cleaning and inspection program is complete except for some pipelines where access was not achievable. A program for finding and raising sewer manholes will be implemented, allowing the completion of the CCTV Cleaning and inspection program in the future.
Muswellbrook Effluent Re-use [6310.4464]	ID/C	\$150,000	Feb-16	Jun-16	Dec-17	Aug-16		Recommendations of the reuse options study to be implemented. Irrigation construction progress inhibited by Golf Club management issues.
Upgrade Pump Station 5 [6310.4467]	ID	\$120,000	Sep-16	Jun-17	Jun-18	Oct-16		Some construction works have commenced. Major construction elements will commence in 2017/18 FY.
Muswellbrook Recycle Water Treatment Works [6310.4469]	D	\$820,000	Jul-16	Jun-17	Oct-18	Jul-16		The contract with Aurecon Australasia has progressed as follows: Milestone 1 – Pond 1 design, 100%, tender 100% and construction 100% Milestone 2 – RWTW Final Concept Design 100% Milestone 3 – RWTW Detail Design and Specification 99% Milestone 4 – Alternate power supply 80% Milestone 5 – EOI / ETI / Tender 100% Milestone 6 - Professional services during Construction phase 5%
Emptying & Part Infilling of Pond 1 [6310.4471]	C	\$1,042,188	Aug-16	Nov-16	Jan-17	Aug-16	Jan-17	The project has been completed.
Construction - RWTW [6310.4472]	C	\$12,525,000	Jan-17	Jun-18				The Contract for the construction of the new RWTW has been awarded and the contractor has established on site. Progress on the contract milestones are: 1. Preparation and submission of complying Contractor's management Plans and construction approvals 100% 2. Construction of the RWTW to completion of wet commissioning 5% 3. Completion of process commissioning and Acceptance Testing Not started 4. Decommissioning and Demolition of existing Muswellbrook STP Not started

STATUS OF COMMUNITY INFRASTRUCTURE 2016-2017 CAPITAL WORKS AS AT 30 June 2017

Project	Project Stage Investigation (I) Design (D)/ Construction (C)	Budget for Project	PLANNED START	PLANNED COMPLETION	PLANNED COMPLETION (EXTENDED)	ACTUAL START	ACTUAL COMPLETION	STATUS as of 30 June 2017
Denman Treatment Plant Upgrade [6310.4473]	ID	\$200,000	Oct-16	Jun-17	Jun-19	Oct-16		Public Works completed the preliminary options studies for upgrades. Desludging operation will be performed in 2017/18 FY. Additional upgrade works to be performed in 2017/18 and 2018/19.
Asset Management Planning [6340.4474]	ID	\$60,000	Sep-16	May-17	Jul-17	Jul-16		Detailed condition assessments have been performed along with the scoping of rectification works, which form the basis of the long term planning. The Total asset management plans' re-evaluation of the replacement costs for water and waste water are available for provision to Finance department. There is a possibility that the requirements for SS7 may differ from previous years and on receipt of the new requirements, there may be a need for minor revisions.
Access & Security Improvements [6340.4475]	I/C	\$120,000	Nov-16	Jun-17		Jul-16		Security and access improvements to all water and sewer sites have been completed, including the installation of CCTV cameras and job access to various sites.
Technical Services								
Showground Intersections [3910.5856.504]	I	\$300,000	TBA	TBA (Requires sale of showground and progress to acquire new site)				RMS approval of concept plans for Thompson Street signals has been achieved. Final design has stalled as it is not considered worthwhile at this time to dig up existing services to confirm their location. A design at 80% with contingencies is considered satisfactory to be "Shovel Ready". Woollybutt Way roundabout design is near completion and should be available mid August.
West Denman Implementation [1044.0605.500]	I	\$184,000	Aug-13	TBA		Aug-13		Council approved layout drainage works in association with the ARTC culvert works are completed. Development in the catchment is slow. New owners of a significant area of the Urban Release Area have discussed alternative Stormwater Management Systems. Negotiations with downstream owners for easements await details of the alternative Stormwater Management System to be analysed. To further progress, the West Denman Drainage Design will have to be reviewed. There is a need to Review the DCP and Section 94 plans related to the Release Area.

6 DATE OF NEXT MEETING

30 August 2017

7 CLOSURE