

Plumbing and Drainage Application Submission Requirements

Use this form to apply to carry out works under Section 68 of the Local Government Act.

- If you need help lodging your form, please contact Council on (02) 6626 7025 or dso@byron.nsw.gov.au
- If this form is not completed correctly or is not accompanied by all the necessary information, processing delays may result, or the application will be returned to you.
- This form must be uploaded to the NSW Planning Portal with your accompanying application.

Property Details

Owners Name(s)

Property Address

Description of works being carried out

Work Type

- | | | |
|--------------------------------------|--|---|
| <input type="checkbox"/> Residential | <input type="checkbox"/> Multi-Residential | <input type="checkbox"/> Works on Council Property / Assets |
| <input type="checkbox"/> Commercial | <input type="checkbox"/> Works on Private Property | <input type="checkbox"/> Other (specify) |

Related applications

Does this application relate to a Development Application (DA) or Complying Development Application (CDC) No Yes (if yes refer below)

Is this application being lodged concurrently with a DA? No Yes

Has consent already been granted to a DA or CDC application No Yes (See below)

DA (10) or CDC (16) number: _____ Date Approved: _____

Certifier Details (where relevant) Council Private Certifier (Name)

Cost of development \$

PART 1 - TYPE OF WORK PROPOSED (Private Infrastructure)

More than one type of work may be selected

DOMESTIC (up to and including 2 dwellings)

Complete and submit the corresponding appendix

- | | |
|---|--|
| <input type="checkbox"/> New Building
<input type="checkbox"/> Secondary Dwelling (Water Meter Optional)
<input type="checkbox"/> Dual Occupancy (Water Meter Required) | Appendix A for application requirements
Appendix E for application requirements for installation of water meter and minor water services, eg tapping from main to water meter |
| <input type="checkbox"/> Manufactured / Relocated Building (a Compliance Certificate is required from the place it was constructed certifying the plumbing works) | Appendix A for application requirements
Appendix E for application requirements for installation of water meter |
| <input type="checkbox"/> Demolition (cap sanitary drain) | Appendix A for application requirements |
| <input type="checkbox"/> Additions or Alterations or relocation of fixtures in an Existing Building | |

CIVIL, COMMERCIAL, MULTI-DWELLING		Complete and submit the corresponding appendix
<input type="checkbox"/> Commercial or Industrial	Appendix B for application requirements	
<input type="checkbox"/> Multi-Dwelling (3 dwellings or more)	Appendix B and Appendix E for application requirements	
PART 2 – COUNCIL WATER AND SEWER SERVICES		<i>Relates to work involving Council's assets</i>
Civil works include but are not limited to the following: – Subdivision – Boundary Shafts – Water and/or Sewer Main Extensions – Water Meters	For minor civil works, such as a new sewer property service, or a new water property service, there are 'Deemed to Satisfy' requirements at the end of each respective Appendix.	
<p>Please note: Council's responsibility begins at the outlet of the water meter and the outlet of the sewer boundary shaft. By electing 'No' the property is deemed to have adequate water and sewer services. For access to maps of Council's infrastructure assets, email council@byron.nsw.gov.au</p> <p>Any application that includes both civil and private works shall be detailed on <u>separate drawings</u>. For example, any information required under Appendices A and B shall not be shown on drawings related to Appendices C and D. This is to help delineate private works and council assets, of which may require register of easements.</p>		
Sewer Services		
Installation of new sewer service connection(s)/mains	<input type="checkbox"/> Yes <input type="checkbox"/> No	Yes - Complete Appendix D for application requirements
Alteration / Removal / Relocation of existing connection(s)	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Water meters and tapping's		
Water Services - Do you require a water meter or meters?		
<input type="checkbox"/> Installation	<input type="checkbox"/> Yes <input type="checkbox"/> No	Yes – Complete Appendix E for application requirements
<input type="checkbox"/> Alteration to existing	<input type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> Disconnection	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Do you require works in relation to a property service connection? (Connection from water main to water meter)		
<input type="checkbox"/> Installation (Tapping)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Yes - Complete Appendix E for application requirements
<input type="checkbox"/> Alteration to an existing	<input type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> Disconnection	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Water Main Extensions		
<input type="checkbox"/> New water mains installation/extension	<input type="checkbox"/> Yes <input type="checkbox"/> No	Yes - Complete Appendix C for application requirements
<input type="checkbox"/> Connection to Council's recycled water main	<input type="checkbox"/> Yes <input type="checkbox"/> No	Yes – Submit a copy of the agreement from Infrastructure Services

Appendix A Residential Development up to and including two dwellings

This information will help applicants to successfully apply for plumbing and drainage work to Council. Should the required information not be submitted delays and cost may incur.

PROCEDURE:

Please tick off points in the 'Applicant' column as they are completed while leaving the 'DSO' and 'Council' columns empty for the assessing officers. Once completed, submit a copy of this completed Appendix with the required information in this Appendix.

S = Satisfactory
N/S= Not Satisfactory

A	General Requirements	Applicant	Officer
A1.	Completed application requirements form	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
A2.	Site plan <ul style="list-style-type: none"> – Plans clearly showing existing and proposed fixtures – Plumbing fixtures are to be nominated by symbol with a legend to be included – Plans are to scale, and scale is shown on drawings (Preferably 1:100) – Draftsman / Architect / Designer / Engineers details – North Point indicated on plan – Individual plans numbered, including any revision numbers 	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
A3.	Was a BASIX Certificate required for this development? If 'Yes', the certificate contains requirements for the rainwater tanks. You must clearly indicate rainwater tank capacity and desired location on the plans (site plan)	<input type="checkbox"/> Yes, Basix Conditions included <input type="checkbox"/> Not applicable	<input type="checkbox"/> S <input type="checkbox"/> N/S
A4.	If this application for a Section 68 is in relation to a Development Consent, the plans submitted must match those approved by the DA. Should substantial discrepancies occur during construction a "Stop Works Notice" may be issued. Do the plans match the development plans?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> S <input type="checkbox"/> N/S
A5.	If this application is for a dwelling, have the minimum required fixtures for dwellings (in accordance with BCA Volume 2, Section 3.8.3.2 Required Facilities) been reflected on the plans, including a laundry tub	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> S <input type="checkbox"/> N/S
A6.	Flooding: For developments subject to flooding (1 in 100-year flood events): Are you proposing to install plumbing fixtures at or below the 1 in 100-year flood level for you property? Installing fixtures at or below the flood level will add cost to the installation.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> S <input type="checkbox"/> N/S
A7.	Easements: There are no services or building elements (For example: rainwater tanks, large besser block fences, or private water and sewer services – refer to Byron Shire Council Policy 4.20) proposed to be constructed in an existing or future easement (Easements typically a condition of a related DA).	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> S <input type="checkbox"/> N/S

You have now completed the Application Form for Part 1 Works **ONLY**.

For works that also relate to the installation of a water meter please go to **Appendix E**.

Appendix B Multi-Dwelling (3 Dwellings or more) / Commercial / Industrial

This information will help applicants to successfully submit an application for plumbing and drainage work to Council. Should the required information not be submitted delays and cost may incur.

PROCEDURE:

Please tick off points in the 'Applicant' column as they are completed while leaving the 'DSO' and 'Council' columns empty for the assessing officers. Once completed, submit a copy of this completed Appendix with the required information in this Appendix.

S=Satisfactory
N/S=Not Satisfactory

A	General requirements	Applicant	Officer
A1.	Completed application requirements form	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
A2.	<ul style="list-style-type: none"> - Site plan and plans at A3 size, for larger scale plans also include an A1 size set - Plans clearly showing existing and proposed fixtures - Plumbing fixtures are to be nominated by symbol with a legend to be included - Plans are to scale, and scale is shown on drawings (Preferably 1:100) - Draftsman/Architect/Designer/Engineer name - North Point shown - Individual plans numbered, including any revision numbers - Applicant's name, block/house/shop/flat number, street/road name, town or locality, Lot Number 	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
A3.	Was a BASIX Certificate required for this development? If 'Yes', the certificate contains requirements for the rainwater tanks. You must clearly indicate rainwater tank capacity and desired location on the plans (site plan)	<input type="checkbox"/> Yes, Basix Conditions included <input type="checkbox"/> Not applicable	<input type="checkbox"/> S <input type="checkbox"/> N/S
A4.	If this application for a Section 68 is in relation to a Development Consent, the plans submitted must match those approved by the DA. Should substantial discrepancies occur during construction a "Stop Works Notice" may be issued. Do the plans match the development plans?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> S <input type="checkbox"/> N/S
A5.	<p>Flooding: For developments subject to flooding (1 in 100-year flood events):</p> <p>Are you proposing to install plumbing fixtures at or below the 1 in 100-year flood level for you property?</p> <p>Installing fixtures at or below the flood level will add cost to the installation</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> S <input type="checkbox"/> N/S
A6.	Easements: There are no services or building elements (For example, rainwater tanks, large better block fences, or private water and sewer services, refer to Byron Shire Council Policy 4.20) proposed to be constructed in an existing or future easement (Easements typically a condition of a related DA)	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
B	Sanitary Drainage	Applicant	Council
B1.	Plan of design in accordance with AS3500: Layout of proposed sewer drains from fixtures to nominated connection point. (Existing drainage or council boundary shaft)	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
B2.	Material and class indicated (If trade waste, is the material suitable)	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
B3.	Pipe sizing and grades	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
B4.	Pipe Invert levels at all main lines and connection to mains/existing sewer	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S

B5.	Location of Overflow Relief Gully	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
B6.	Minimum cover is maintained	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
B7.	Inspection openings have been nominated to comply with AS3500	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
C	Water Reticulation	Applicant	Council
C1.	Plan of design in accordance with AS3500: layout of proposed water lines from fixtures to nominated connection point	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
C2.	Material and class indicated	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
C3.	Pipe sizing	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
C4.	Location of valves (isolation, stop valves, non-return valves etc)	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
C5.	Appropriate Backflow prevention devices to AS3500 (nominate type and location, must show zone and individual backflow)	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
C6.	Existing and new water meters clearly detailed on plans	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
C7.	No services are proposed to be installed within the "Tree Protection Zone" in accordance with AS4970-2009	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
D	Trade Waste - Commercial and industrial premises only	Applicant	Council
D1.	Commercial and industrial businesses are subject to a Trade Waste Agreement and/or registration depending on the category. Please supply a copy of the Trade Waste Agreement with your application. If you do not have a Trade Waste Agreement/Registration, please call the Byron Shire Council on 02 6626 7000 and ask for Councils Trade Waste Officer. For further information visit the Trade Waste page of Council's website.	<input type="checkbox"/> Yes <input type="checkbox"/> N/A	<input type="checkbox"/> S <input type="checkbox"/> N/S
D2.	Any requirements from the Trade Waste Agreement/Registration have been incorporated into the design drawings and detail provided of any proposed items such as the grease arrestor, basket traps etc. This allows Council to check suitability.	<input type="checkbox"/> Yes <input type="checkbox"/> N/A	<input type="checkbox"/> S <input type="checkbox"/> N/S

You have now completed the Application Form for Part 2 Works **ONLY**.
For proposed Multi Dwelling Housing please go to **Appendix E**.

Appendix C

Council Water Services (Subdivision and Civil Upgrades)

This information will help applicants to successfully apply for plumbing and drainage work to Council. Should the required information not be submitted delays and cost may incur.

Your application may be subject to 'Deemed to Satisfy' requirements. Please see Appendix E for details.

PROCEDURE:

Please tick off points in the 'Applicant' column as they are completed while leaving the 'DSO' and 'Council' columns empty for the assessing officers. Once completed, submit a copy of this completed appendix with the required information in this appendix.

S=Satisfactory
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A	General	Applicant / Consultant	Council
A1	Pipe, fittings, and appurtenances rating/class is suitable for the water main application	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
A2	Pipe materials are suitable for the application and environment	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
A3	Valve spacing and positioning allows isolation of required areas. Refer to NRLG Development Design Specification D11	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
A4	Water Mains layout and alignment meets Water Agency requirements (NRLG R-10)	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
A5	Hydrants are provided to meet the Water Agency's operational needs (Refer to NRLG Development Design Specification D11 for hydrant locations)	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
A6	Air, scour and other control and isolation valves as applicable meet the operational requirements of the Water Agency	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
A7	Geotechnical Report	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
A8	Certificate of adequate experience from designer/engineer: Refer to Council Design Certification Report Found in Development Design manual DQS Annexure DQS-A, "Quality Assurance Requirements for Design"	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
A9	For works proposed on adjacent private land, a signed letter and plan from the owners of the parcel stating that they are accept the works proposing to take place	<input type="checkbox"/> Supplied <input type="checkbox"/> N/A	<input type="checkbox"/> S <input type="checkbox"/> N/S
B	Design Drawings	Applicant / Consultant	Council
B1	<ul style="list-style-type: none"> - A locality plan giving the overall layout and location of the works - A detailed plan of the scheme - The industry preferred scale is 1:500 for detail plans. Special details may be to scales appropriate for clarity - Layout of roads, easements, and lots. Lot numbering and street names, North point. All survey accurate 	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
	A local long section for all mains in circumstances such as where:	Applicant / Consultant	Council
B2	(i) at any location there is conflict or congestion with other services or mains and bends are required to be used;	<input type="checkbox"/> Supplied <input type="checkbox"/> N/A	<input type="checkbox"/> S <input type="checkbox"/> N/S
B3	(ii) a different pipe material is required for mains across major roads;	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
B4	(iii) the main is to be laid within an encasing pipe;	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
B5	(iv) pipework alignment is to be specified on each side of air valve and/or scour installations;	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
B6	(vi) the main is to cross a waterway by bored or trenched pipework or via a bridge or culvert; and	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
B7	(vii) installations such as special valves, chambers and pipework etc. need to be detailed	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
B8	A cross section in instances where the Designer needs to specify installation details of proposed mains for the Constructor, e.g. restricted access, proximity of services and mains laid in easements	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
C	Plan Content	Applicant / Consultant	Council
C1	The extent of the works showing: streets, street names, allotment numbers and easement locations	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
C2	North Point	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S

Appendix C continued

C	Council Water Services (Subdivision, Civil Upgrades etc) Continued	Applicant / Consultant	Council
C3	Water main diameter (DN) and, as necessary, diameter series e.g. PVC, pressure rating/class and pipeline system acronym	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
C4	Water main location (offset) from title boundary in metres rounded to one decimal place	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
C5	Lengths of water main	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
C6	Table of minimum main cover (or reference to cover specified on appropriate Standard Drawings)	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
C7	Location of all fittings included in the works such as valves, hydrants, bends and tees	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
C8	Location and details of mechanically restrained portions of the water main	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
C9	Thrust and anchor block details. Note: NRLG D11.09 requires working pressure to be PN16 for any selected pipe	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
C10	Location from title boundary of property (main to meter) services	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
C11	Details of property (main to meter) services to be installed	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
C12	Location and details of nearby utility services that may be affected by the works	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
C13	Details of crossings of other utility services	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
C14	Location of surface obstructions such as trees, pits and special landscaped areas that may be affected by the works	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
C15	Size and material of existing mains	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
C16	Services that may be reconnected or plugged	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
C17	Details of proposed connection to existing system (e.g. straight (end-on) connection using pipe and mechanical couplings or a tee connection using an inserted tee or under pressure cut-in connection)	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
C18	Maximum design pressure of the system	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
C19	Other notes that are deemed necessary for the satisfactory completion of the works	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
C20	FOR ANY Water mains >DN 300 refer to 9.2.6 Of WSAA	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
C21	Linkage between the project detailed design, the construction requirements, preferred products, and materials and adopted standard drawings of the Water Agency	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
C22	Specification of valves and system components	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
D	Specific Common Issues	Applicant / Consultant	Council
D1	<p>7.9 PIPELINE ANCHORAGE - 7.9.1 General</p> <p>Anchorage shall be provided at all changes in direction, tees, valves, tapers, and termination points, except for those portions of restrained joint and welded pipelines deemed to be adequately anchored (Refer to WSAA Clause 7.9.5 and Clause 7.9.6).</p> <p>Soil classification guidelines are given in Appendix G - Soil Classification Guidelines and Allowable Bearing Pressures for Anchors and Thrust Blocks and allowable bearing pressures for anchors and thrust blocks are given in Table 7.3.</p>	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
D2	The working pressure of pipes, fittings, valves and hydrants shall be fit for the purpose in accordance with the relevant Australian Standard for the material and shall be at least 1568 kPa (160m head)	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
D3	The Designer shall design thrust blocks to resist maximum pressure of the pipe, not the estimated surge pressure	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
D4	Connection to services in a neighbouring property: Owners Consent is required as per 4, part N of the DCP 2014-chapter B3 – Services: Submit a signed statement from the owner of the applicable property giving permission for the proposed works in the property	<input type="checkbox"/> Supplied <input type="checkbox"/> N/A	<input type="checkbox"/> S <input type="checkbox"/> N/S

Appendix C continued

D	Specific Common Issues Continued	Applicant / Consultant	Council
D5	Each property has an individual water tapping and meter. Separation required so council can shut off one property and not another if rates not paid	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
D6	Water metering complies with Byron Shire Council requirements. Standard Drawing 101 and 102. If you require a copy of these drawings, please contact LAC on 6626 7050	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
D7	Applicable standard drawings from Tweed Shire Council are included in the plans and are directly referenced at corresponding points in the design. As stated in D1, Tweed Shire standard drawings shall be used until such time Byron Shire Council develops its own	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
D8	Hydrants not exceeding 60m intervals and on all dead ends exceeding 30m	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
D9	Stop valves on all dead ends for future extension	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
D10	Thrust blocks/anchors are sized and included on plans (typically for PVC, only dead ends for PE)	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
D11	Offsets and boundary ties at regular intervals that comply with Byron Shire Council Standard Drawing R-10	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
D12	No services are proposed to be installed within the "Tree Protection Zone" in accordance with AS4970-2009	<input type="checkbox"/>	<input checked="" type="checkbox"/> S <input type="checkbox"/> N/S

Notes:

Standard Drawings show construction layouts and details of infrastructure assets that are acceptable to Byron Shire Council. Policies and Standards to comply with include but are not limited to:

- [NRLG Development Design Manual: D12 Sewerage System](#)
- WSAA – Water and Sewer Services Association of Australia
- [NRLG Development Design Manual: D11: Water Supply](#)

As per D11: Section D11.03: (d). Use Tweed Shire Council Standard Drawings where applicable until such time Byron Shire Council develops its own. These Drawings can be accessed via the following link: <https://www.tweed.nsw.gov.au/StandardDrawings>. If there is a required change to a Tweed Shire Council Standard Drawing, the assessing officer will let you know.

Standard Drawings show construction layouts and details of infrastructure assets that are acceptable to Byron Shire Council. Any Standard Drawings must be referenced by quoting the drawing number and revision version and physically included in the documents for:

- Works to be constructed for Council
- Works in development to be contributed to Council
- Works on an asset owned by Council

You have now completed the Application Form for New Water Mains / Extension **ONLY.**

Appendix D

Council Sewer Services (Subdivision and Civil Upgrades)

This information will help applicants to successfully apply for plumbing and drainage work to Council. Should the required information not be submitted delays and cost may incur. Your application may be subject to 'Deemed to Satisfy' requirements. Please see the end of this Appendix for details.

PROCEDURE:

Please tick off points in the 'Applicant' column as they are completed while leaving the 'DSO' and 'Council' columns empty for the assessing officers. Once completed, submit a copy of this completed Appendix with the required information in this Appendix.

S=Satisfactory
N/S=Not Satisfactory

A	General	Applicant / Consultant	Council
A1.	Certificate of adequate experience from designer/engineer Refer to Council Design Certification Report Found in Development Design manual DQS Annexure DQS-A, "Quality Assurance Requirements for Design"	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
A2.	Survey of existing land	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
A3.	Description of works	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
A4.	Geotechnical Report	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
A5.	Plan of design, including locality plan	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
A6.	For works proposed on adjacent private land, a signed letter and plan from the owners of the parcel stating that they are accept the works proposing to take place	<input type="checkbox"/> Supplied <input type="checkbox"/> N/A	<input type="checkbox"/> S <input type="checkbox"/> N/S
B	Sewer Layout Plans	Applicant / Consultant	Council
B1	Plans to scale. The industry preferred scale is 1:1000 for detail plans and the horizontal component of longitudinal sections. Preferred scales for the vertical component of sections are 1:100	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
B2	Layout of roads, easements, and lots. Lot numbering and street names, North point. All survey accurate	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
B3	Position of existing and proposed sewers relative to property boundaries. Existing sewer location must be survey accurate	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
B4	Locations and details of utility services and stormwater drains	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
B5	Notations and standard labels indicating current status e.g. "Existing end to be extended" (to be edited to "Existing end extended" in WAC documentation)	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
B6	Ties to structures and downstream distance	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
B7	Types of property service connections. There are no property connections direct to manholes	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
B8	Directions for connecting to existing system	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
B9	Notes specifying that detectable marking tape is to be laid on top of all pipes	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
B10	Appropriate Contour lines and levels are on plans	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
B11	Drainage limits—full or partial lot control. Soffit requirements are met/90% of property to be served as per NSW Fair trading Requirements	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
B12	Design assumptions for ancillary structures (Refer to Clause 1.2.7 and Section 8)	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
B13	<u>Method and type of construction if boring to be undertaken</u>	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S

	For curved sewers: <ul style="list-style-type: none"> Chainages at the beginning and end of the curve; and invert levels at the entry and exit of all manholes The minimum radius of the curve, including the angle ($^{\circ}$); or Intersection and tangent point details for setting out any curves; and The constant offset of the sewer from the building line 		
B14	Intersection and tangent point details for setting out any curves	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
B15	Additional services located during construction	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
B16	Pipe materials are appropriate	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
B17	Embedment and backfill details	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
C	Maintenance Structures	Applicant / Consultant	Council
C1	(a) Position of structures relative to lot boundaries	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
C2	(b) Ties and/or downstream distance	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
C3	(c) Type of structure	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
C4	(d) Details of all inlets and property connection sewers	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
C5	(e) Ties to additional structures	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
C6	(f) Vent shafts showing size, type and height. Vents required on MH with pumped discharge (Byron Shire Council DDS12 requirement), or odour control device	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
C7	(g) For cast in-situ concrete, structural details including section thicknesses, reinforcement, cover and corrosion protection measures, if specified	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
D	Sewer Longitudinal Sections	Applicant / Consultant	Council
D1	Sections are drawn at scale of 1:500 horizontal and 1:100 vertical or other suitable scale noted	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
D2	Chainages as per layout plans	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
D3	RL of existing surface, RL of proposed Surface level, Invert of pipes, Depth to inverts and MS, Chainages, Water level if built in "tidal zone", Pipe grades, Material, Class (SN rating), connection types (refer to TSC Standard Drawings)	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
D4	Design RL of all inlet and outlets at each manhole and all changes of grade	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
D5	Design grades including length of each gradient between manholes	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
D6	Pipe diameters and material type and class to be shown	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
D7	Air valves and scour valves on rising mains at respective low and high points	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
D8	Minimum cover requirements have been achieved	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
D9	Location and size of existing and proposed services and utilities crossing the main complete with invert levels	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
D10	Sections to be developed where sewer crosses a road or another service. Section to be to scale and detail offset distances	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
D11	Trench stops/bulk heads shown as required on steep grades	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
E	Miscellaneous	Applicant / Consultant	Council

E1	Design is satisfactory for future extension	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
E2	Detailed engineering drawings are required for any rising main structures such as pumping stations and specialised manholes and vents proposed for construction in conjunction with sewer supply works	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
E3	Engineering plans and subdivision plans match	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
E4	Engineering conditions of consent accommodated for in design	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
E5	Junctions to each lot to comply with the soffit requirements in accordance with N.S.W. Code of Practice for Plumbing and Drainage 2006 (NSW fair trading)	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
E6	Mains to be designed to satisfy minimum cover requirements	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
E7	Minimum pipe size is 150mm diameter	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S
E8	Pressure sewer designed in accordance with WSA guidelines and NRLG Development design Specs	<input type="checkbox"/>	<input type="checkbox"/> S <input type="checkbox"/> N/S

Notes:

Standard Drawings show construction layouts and details of infrastructure assets that are acceptable to Byron Shire Council. Policies and Standards to comply with include but are not limited to:

- [NRLG Development Design Manual: D12 Sewerage System](#)
- WSAA – Water and Sewer Services Association of Australia
- [NRLG Development Design Manual: D11: Water Supply](#)

As per D11: Section D11.03: (d). Use Tweed Shire Council Standard Drawings where applicable until such time Byron Shire Council develops its own. These Drawings can be accessed via the following link:

<https://www.tweed.nsw.gov.au/StandardDrawings>. If there is a required change to a Tweed Shire Council Standard Drawing, the assessing officer will let you know.

Standard Drawings show construction layouts and details of infrastructure assets that are acceptable to Byron Shire Council. Any Standard Drawings must be referenced by quoting the drawing number and revision version and physically included in the documents for:

- Works to be constructed for Council
- Works in development to be contributed to Council
- Works on an asset owned by Council

Deemed to satisfy conditions

Sewer Property Service and boundary shaft connection that can meet the following:

- Is 10 metres or under in length, measured from the connection of the existing sewer to the proposed boundary shaft (any length greater than this requires a sewer mains extension)
- Is perpendicular to or at 45 degrees to an existing sewer main
- Complies with Standard Drawings [SD250 or SD251](#)
- Boundary shaft is a minimum 500mm from any property boundary

A site plan is required to be submitted which nominates the proposed new location of the property connection and boundary shaft (complying with the above requirements), along with Standard Drawings SD250 or SD251.

NOTE: Any sewer works outside these requirements need a full design



You have now completed the Application Form for Installation / Alterations Works **ONLY**.

Appendix E

Property Water Supply and Water Meters

Applicant shall detail all existing and new proposed water meters on the plans. If there are private sub meters to be installed, they must be clearly labelled as private. Refer to [Plumbing and Drainage](#) on Council's website for further information

A		Water Meters	
A1	Number of Existing Water Meter(s)	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> Other _____	
A2	Number of new Water Meter(s) proposed to be installed (one or more may apply) <i>Provide required meters below:</i>	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> Other _____	
	Size of Water Meter	Tick	Refer to Standard Drawing (see *Note below)
	Property service 50mm or smaller	<input type="checkbox"/>	Standard Drawing 101
	20mm	<input type="checkbox"/>	Standard Drawing 102
	25mm	<input type="checkbox"/>	Standard Drawing 102
	40mm	<input type="checkbox"/>	Standard Drawing S.D. 322
	50mm	<input type="checkbox"/>	
	65mm	<input type="checkbox"/>	
	80mm	<input type="checkbox"/>	Standard Drawing S.D. 323-324-325-327
	100mm or larger	<input type="checkbox"/>	

* **Note:** The applicable Standard Drawings shall be referenced on the plans and included as part of the submission.

B	Property service Connections (from water main to water meter)	Select One	Requirements for submission
B1	Is there an existing property service connection	<input type="checkbox"/> Yes <input type="checkbox"/> No	Detail this on the plans
B2	If yes, are any works proposed to it? (new/upgrade/relocation/removal etc)	<input type="checkbox"/> Yes <input type="checkbox"/> No	
B3	Explain: (example: "removal of existing service and installation of new DN65mm service on east side of property)		
B4	Can it comply with Byron Shire Council Standard Drawing 101	<input type="checkbox"/> Yes <input type="checkbox"/> No	If "Yes", see requirements for submission at the end of this appendix. If "No" a water main extension may be required.

Notes:

Standard Drawings show construction layouts and details of infrastructure assets that are acceptable to Byron Shire Council. Policies and Standards to comply with include but are not limited to:

- [NRLG Development Design Manual: D12 Sewerage System](#)
- WSA – Water and Sewer Services Association of Australia
- [NRLG Development Design Manual: D11: Water Supply](#)

Standard Drawings show construction layouts and details of infrastructure assets that are acceptable to Byron Shire Council. Any Standard Drawings must be referenced by quoting the drawing number and revision version and physically included in the documents for:

- Works to be constructed for Council
- Works in development to be contributed to Council
- Works on an asset owned by Council

Deemed to Satisfy conditions - Water Property Service:

Where possible, comply with [Byron Shire Council Standard Drawing 101](#). Mark up the desired location on the site plan (in accordance with the General Requirements) showing the proposed property service location. Include a note that it is to be in accordance with Byron Shire Council Standard Drawing 101. Further information is available on Council's website on the [Plumbing and Drainage page](#).

Refer to the example below. A copy of Byron Shire Council SD 101 should also be included as it is referenced.



You have now completed the Application Form for Part 1 - Works relating to the Installation of a Water Meter **ONLY**.