

Moreton Bay Regional Council



Presented by:

Brad Hodgkinson & Ian MacDonald

TOPICS

- How MBRC construct plumbing fees.
- The application process.
- Sub-Meters.
- Electronic Lodgement.
- Topical issues and Questions.

How MBRC construct plumbing fees

Schedule of Fees

PLUMBING FEES 2008/2009

DESCRIPTION	FEE
Domestic Plumbing Inspections Inspection of Plumbing and Drainage Work (includes 3 fixtures) Per fixture in excess of 3 fixtures	\$300.00 \$30.00
Minor Regulated Work	\$144.00
Re-inspection Fee	\$83.00
Domestic On-site Treatment Facility (OSSF Greywater Treatment Plant) Assessment fee excluding inspections Conversion from On-Site Sewerage Facility to Council Sewer Inspection of On-Site Sewerage Facility Conversion Inspection of Greywater Treatment Plant (assessment fee also applies) Application for Assessment to Build or Install an On-Site Sewerage Treatment Facility for Testing Purposes Amended Site & Soil Report	\$217.00 \$227.00 \$166.00 \$166.00 \$600.00 \$100.00
Sewerage Connection Fee (Pine Rivers District Only)	\$303.00
Commercial Permit Fees Compliance Permit – Class 1B – 9C and Multiple Dwellings Up to 5 fixtures and/or sub-meters PLUS: Between 6 – 15 fixtures and/or sub-meters (per fixture / sub-meter rate) Additional fixtures and/or sub-meters thereafter (per fixture sub-meter rate) Where more than 50 fixtures – sub-meters are in one plumbing application with a repetitive layout a request can be made for a reduction of up to 50% of the fees	\$166.00 \$40.00 \$7.00
Compliance Permit – Other Regulated Work (regulated work not captured in the assessment fee for Class 1B – 9C and Multiple Dwellings) Compliance Permit – Premises Sewer and Water Mains Commercial Inspection Fees Inspection of Plumbing and Drainage Work (includes 3 fixtures) Inspection of Plumbing and Drainage Work (per fixture in excess of 3 fixtures) Inspection of Other Regulated Work (up to 2 inspections) Inspection of Other Regulated Work (per inspections in excess of 2 inspections)	\$83.00 \$166.00 \$300.00 \$30.00 \$166.00 \$83.00

Cont...

Schedule of Fees Cont...

Re-Inspection Fee – Plumbing and Drainage Work	\$83.00
Inspection of Premises Sewer and Water Mains (up to 4 inspections)	\$332.00
Inspection of Premises Sewer and Water Mains (per inspection in excess of 4 inspections)	\$83.00
Out of Hours Inspection	\$200.00
Amended Plan Fee for Commercial Applications	\$208.00
Commercial Refund Fee - 50% of Assessment Fee plus Inspection Fees	

Cost Module Calculator

MORETON BAY REGIONAL COUNCIL
REGULATORY FEES COSTING MODEL

DIVISION:	Environment & Local Laws	Date:	21/04/2009
Name of Fee:			

COST COMPONENT:

Labour:	Level	Hrs.	Cost (inc. oncosts)
Employee 1			
Employee 2			
Employee 3			
Employee 4			
Employee 5			
Employee 6			
Total Labour Cost			0.00
Vehicle:	Type	Kms	Cost
Vehicle 1			
Vehicle 2			
Vehicle 3			
Total Vehicle Cost			0.00
Consumables:			0.00
Other Direct Costs			
Other 1			
Other 2			
Other 3			
Total Costs - Other			0.00
Departmental Overheads			0.00
Corporate Overheads			0
TOTAL COST			0.00
Enter Current Fee here:			0.00

Costed By:

Approved by:

Notes:

- 1 . All green cells need data input by the user department.
- 2 . "Division", "Level" and "Type" are drop down boxes. Please make your selection from this.
- 3 . Please enter minutes in decimals eg. Half an hour should be entered as 0.5 hrs.

The application process

Resolution of Council

RECOMMENDATION

1. Moreton Bay Regional Council resolve, pursuant to S83(2) of the Plumbing and Drainage Act 2002, not to require the issuing of a compliance permit to carry out plumbing and drainage work, that is regulated work in the following instances:
 - Single detached Class 1a buildings (does not include Class 1a buildings on a lot that is part of a Community Title Scheme or a group title development).
 - Class 10a buildings.
 - Class 10b structures.

For all other regulated plumbing and drainage works, a compliance permit is required.

2. Council resolves that for plumbing and drainage work for which a compliance permit is not required compliance assessment (inspection of work) under S86 of the Plumbing and Drainage Act 2002 must include the following information in addition to the approved forms and must be provided 48 hours prior to the commencement of work (S19(1) of the Standard Plumbing and Drainage Regulations 2003). Council will acknowledge the receipt of the information listed below via the issue of a 'Notice to Commence' regulated work with the work to be completed within 2 years of the date of issue.
3. I. Site plan showing:
 - The location of proposed or existing buildings or structures.
 - Sanitary sewer mains, sewer manholes and house drainage connection point.

- Stormwater drains, stormwater catchpits and stormwater connection points.
 - Property boundaries and easements.
 - The location of the proposed on site sewerage facility (when applicable).
 - The location of the proposed swimming pool (where applicable).
 - The ground surface levels and drainage invert levels, references to Australian Height Datum (AHD) to indicate whether sanitary drains can gravity feed to the connection point for the sewer or on site sewerage facility.
- II. Architectural floor plan showing proposed sanitary plumbing fixtures.
- III. As Constructed sanitary house drain plans (applies to sanitary plumbing and sanitary drainage work where a connection or alteration is made to the existing sanitary house drain).
3. Council delegate to the Chief Executive Officer under Section 472 of the Local Government Act 1993 As Amended, all the powers and functions required of the Local Government under the provisions of the Plumbing and Drainage Act 2002 and the Plumbing and Drainage Regulations 2003.
4. The Manager Compliance Services Caboolture District arrange for all public notifications and advice to the Department of Local Government and Planning in this matter as required under S83(3) of the Plumbing and Drainage Act 2002.

Form 1

1 March 2006, Version 2

Plumbing and Drainage Act 2002 (ss. 85 & 86)

Application for Compliance Assessment

1

1. Type of application

To apply for a compliance permit or for a compliance certificate where no permit has been issued, complete Form 2 also.

Compliance permit (go to Q2.)

Compliance certificate. Has a compliance permit been issued? No Yes

Compliance Permit No. (if applicable)

Date the work is proposed to commence

Is the application for compliance assessment of on-site sewerage work? No Yes

If Yes and a compliance permit has been granted - Has there been any relevant changes to the premises since the granting of the compliance permit? No Yes (complete Q 7)

A relevant change is any change to the premises (eg building work) which has occurred since the compliance permit was issued and that would change the information included on the original application.

2. Related approvals

Provide the application number of other approvals related to the work that is the subject of this application.

Development Application No.

Other

3. Description of land

The description must identify all land the subject of the application.

The lot & plan details (eg, SP / RP) are shown on title documents or a rates notice. If the plan is not registered by title, provide previous lot and plan details.

Street address (include no., street, suburb/locality & postcode)

Postcode

Lot & plan details (Attach list if necessary)

Shop / Tenancy No. (if applicable)

Storey / Level (if applicable)

Local Government Area

4. Applicant details

Clearly identify who is making the application. The applicant need not be the owner of the land.

In signing and lodging this application, the applicant is responsible for ensuring the information provided is true. The local government will rely on this information when assessing the application.

If the applicant is a company, a contact person must be shown. All correspondence will be mailed to this address.

Name (in full)

Signature

Date

Contact person

Phone No.

Mobile No.

Fax No.

Email address

Postal address

Postcode

5. Owner of the premises

The local government must give the owner of the premises a copy of any compliance permit or compliance certificate issued.

Name (in full) (Attach list if necessary)

Postal address

Postcode

OFFICE USE ONLY

FEE (\$)	DATE RECEIVED	RECEIVING OFFICER'S NUMBER	REFERENCE NUMBER

Notification to Commence

Pine Rivers District Office
PO Box 5070
Strathpine QLD 4500

Enquiries: «Document_User_Name»
Direct Phone: (07) 3480 6666
Direct Fax: (07) 3480 6428
Our Ref: «Application_Number»
Your Ref: **Error! Not a valid filename.**
Date: «Document_Issue_Date»

«Applicant_Name»
«Applicant_Address»

NOTIFICATION TO COMMENCE REGULATED WORK

Plumbing and Drainage Act 2002

PLUMBING AND DRAINAGE COMPLIANCE ASSESSMENT FOR

«All_Prop_Addresses»
«All_Prop_Descr»
«Description»

Your application for Compliance Assessment of Plumbing and Drainage Work has been received and entered onto Council's database on «Document_Lodgement_Date».

The approved forms 1 (Application for Compliance Assessment) and 2 (Proposed Plumbing and Drainage Work), relative documentation and the prescribed fees have satisfactorily been lodged with this application.

Section 83 (2) of the Plumbing and Drainage Act 2002 and resolution of Moreton Bay Regional Council allows regulated work that is plumbing and drainage work to commence under this notification.

This notification does not include approval for the site and soil assessment or work to install an on-site sewerage facility. Council must issue a Compliance Permit for the installation of all new on-site sewerage facilities. ******This paragraph should not be included in sewerage applications****.**

This approval to commence plumbing and drainage work does not include any assessment of the proposal under the Moreton Bay Regional Council's relevant planning schemes or the Building Act. It is the responsibility of the owner to ensure any necessary planning or building approvals are obtained. If a building approval is required in association with this plumbing notification, the requirements of Mandatory part 4.1 (Sustainable Buildings) of the Queensland Development Code apply to this application (refer attached advisory note).

The Plumbing and Drainage Compliance Assessment number for this application is «Application_Number».

You will be asked for this Number when booking inspections.

To book plumbing and drainage inspections please phone 3480 6988 no later than 3pm the day prior to when the inspection is required.

The responsible person for the work must before or when the work is inspected, give Council details in the approved form of the **Responsible Person (Form 7)**.

Should you require further information, please contact Council's Development Services Department Plumbing Section on phone 3480 6666.

.....

Brad Hodgkinson
Coordinator - Plumbing Services

Outstanding Documentation

Pine Rivers District Office
PO Box 5070
Strathpine QLD 4500

Enquiries: «Document_User_Name»
Direct Phone: (07) 3480 6666
Direct Fax: (07) 3480 6428
Our Ref: «Application_Number»
Your Ref: **Error! Not a valid filename.**
Date: «Document_Issue_Date»

«Applicant_Name»
«Applicant_Address»

OUTSTANDING DOCUMENTATION REQUEST

RE: PLUMBING AND DRAINAGE COMPLIANCE ASSESSMENT FOR «All_Locations» AND DESCRIBED AS «All_Prop_Descr»

Section 86 of the *Plumbing and Drainage Act 2002* and Resolution of Moreton Bay Regional Council requires the information as listed below to be provided to Council at application lodgement.

Your application has been received by Council, however the following outstanding documentation and/or fee must be submitted to Council to allow this application to proceed.

Information Received	Information Outstanding	Description of Information
✓	✓	Form 1- Application for Compliance Assessment
✓	✓	Form 2 – Proposed Plumbing & Drainage Work
		Site plan showing:-
✓	✓	The location of proposed or existing building/s or structures;
✓	✓	Sanitary sewer mains, sewer manholes and house drain connection point;
✓	✓	Stormwater drains, stormwater catchpits and stormwater connection point;
✓	✓	Property boundaries and easements;
✓	✓	The location of the proposed or existing on-site sewerage facility;
✓	✓	The location of the proposed swimming pool;
✓	✓	The ground surface levels and drainage invert levels, references to Australian Height Datum (AHD), to indicate whether sanitary drains can gravity feed to the connection point for the sewer. Indicative reference surface levels and drainage invert levels will be acceptable for On-site Sewerage facilities.
✓	✓	Architectural floor plan showing proposed sanitary plumbing fixtures;
✓	✓	As Constructed sanitary house drain plans (applies to sanitary plumbing and sanitary drainage work where a connection or alteration is made to the existing sanitary house drain).
Pay plumbing fees as applicable to the Pine Rivers District of Moreton Bay Regional Council 2008-2009 financial year fee schedule.		
✓	✓	The fees are shortpaid by \$-
N/A	Not Applicable	

Should you require further clarification relative to this request, please contact Council's Plumbing Section on phone 3480 6666.


Brad Hodgkinson
Coordinator - Plumbing Services

Compliance Permit

COMPLIANCE PERMIT
Regulated Work
Plumbing and Drainage Act 2002 s. 85(8)(a)

«All_Prop_Addresses» «All_Prop_Descr»
«Description»
Permit Number: «Application_Number»

Moreton Bay Regional Council has decided to issue a Compliance Permit in reference to your application for compliance assessment of plans for regulated work under section 85 of the *Plumbing and Drainage Act 2002*. This decision was made on «Document_Issue_Date».

This Compliance Permit is subject to the following conditions:

- At the conclusion of each stage of construction the water pipelines are to be flushed and sterilised in accordance with Council's design manual volume 2 (Water Supply Specification 1, Non pressure pipeline construction) Documentation detailing sterilisation test results are to be submitted to Council's Plumbing and Hydraulic Services Department within seven days of testing.
- All sewer manholes are to be constructed to satisfy the requirements of VACUUM testing to the Council's design manual Volume 2 (Sewerage Specification 1, Non pressure pipeline construction) Documentation detailing vacuum test results are to be submitted to Council's Plumbing and Hydraulic Services Department within seven days of testing and prior to a final plumbing inspection. Council may be required to view vacuum testing of sewer manholes.
- {Sample condition: At the conclusion of each stage of construction, the water pipelines are to be flushed and sterilised in accordance with {insert title of technical document or guideline}. Documentation detailing sterilisation results are to be submitted to Council within 10 business days of the testing and commissioning.}

Attached is an information notice that explains the reason(s) Council has decided to impose conditions on this permit. It also explains your appeal rights if you are dissatisfied with the decision.

The following plans and documents were assessed for compliance with the *Standard Plumbing and Drainage Regulation 2003* (SPDR).

Plans Issued By / Description	Drawing Number	Revision	Date Received by Council

The plans and documents were not assessed for the use of certified items (s.30 SPDR) but this will be enforced during the compliance assessment of the work.

Council notes that the proposed work involves connecting to sewerage and water infrastructure {insert either of the following sentences:

- "This permit does not authorise or cover approval for these conditions. A separate approval must be sought from {insert name and contact details of service provider}.
- "Your application has been copied to {insert name and contact details of service provider} who will issue a separate approval to connect to sewerage and water infrastructure".

Also attached is an Advisory Notice from Council, concerning regulatory requirements about plumbing and drainage work, particularly the compliance assessment of regulated work. You are encouraged to read this material.

This approval to commence plumbing and drainage work does not include any assessment of the proposal under Moreton Bay Regional Council's relevant planning schemes or the Building Act. It is the responsibility of the owner to ensure any necessary planning or building approvals are obtained.

Should you have any questions about the content of this Permit, please contact Council's Development Service Plumbing Section on Phone 3480 6666.

Yours faithfully,

«Document_User_Name»

Information Notice

Five Rivers District Office
PO Box 5070
Strathpine QLD 4500

Enquiries: «Document_User_Name»
Direct Phone: (07) 3480 6666
Direct Fax: (07) 3480 6428
Our Ref: «Application_Number»
Your Ref: Error! Not a valid filename.
Date: «Document_Issue_Date»

«Applicant_Name»
«Applicant_Address»

INFORMATION NOTICE
Compliance Permit on Conditions
Regulated Work
Plumbing and Drainage Act 2002 s. 85 (10)

Re: «All Locations»
Permit Number: «Application_Number»

Decision

Moreton Bay Regional Council considered your application for compliance assessment on the «Decision_Date» and decided to issue a Compliance Permit for regulated work subject to the following conditions:

- *{Sample condition: At the conclusion of each stage of construction, the water pipelines are to be flushed and sterilised in accordance with {insert title of technical document or guideline}. Documentation detailing sterilisation results are to be submitted to Council within 10 business days of the testing and commissioning.}*

Reasons for the decision

- *{insert reason for imposing each condition, sufficient information must be supplied so that a Tribunal could decide whether there are valid reasons for imposing the special condition}*
-

Appeals against Council Decisions

If you are dissatisfied with the decision of the Council to impose the foregoing conditions on the Compliance Permit, you are entitled to appeal to a Building and Development Tribunal. Tribunals provide inexpensive and speedy hearings for building, plumbing, drainage, and on-site sewerage facility matters. Appeals are heard by a referee or referees who are technical experts and legal representation is not permitted.

An appeal about this notice must be lodged within 20 business days after no further action can be taken by a Tribunal in regard to the Council's decision. If your appeal is not lodged within this timeframe, no further action can be taken by a Tribunal in regard to Council's decision.

You can initiate an appeal by lodging an Appeal Notice (form 10) and the prescribed fee with the Registrar of Building and Development Tribunals as follows:

Posted to:
The Department of Infrastructure and Planning
PO Box 15009,
CITY EAST QLD 4002

For further information about Building and Development Tribunals, including the Appeal Notice (Form 10) and the scheduled fees, contact the Council on 3480 6666 or visit the Department's website at <http://www.dip.qld.gov.au/appeals/building-and-development-tribunals.html> or contact the Registrar on (07) 3237 0403 or fax (07) 3237 1248.

Enquiries about this notice can be made to *{issuing officer}* on 3480 6666.

DATED THIS *{insert date}* DAY OF *{insert the month and year}*

..... *{signature of the issuing officer}*

«Document_User_Name»
AUTHORISED OFFICER

Compliance Report

Moreton Bay
Regional Council

DEVELOPMENT
SERVICES
PLUMBING SECTION
Phone No: 3490 6666
Fax No. 3490 6428

MORETON BAY REGIONAL COUNCIL
COMPLIANCE REPORT
(Plumbing and Drainage Act 2002)

COMPLIANCE ASSESSMENT No. _____

Description of land at which Plumbing and Drainage work was undertaken Lot _____ RP/SP _____

No. _____ Street _____ Suburb _____

Nature of Plumbing and Drainage work (eg. Dwelling/extension) _____

In accordance with Section 22 and Schedule 4 of the Standard Plumbing and Drainage Regulations 2003:-

I _____, being the approved person have tested and commissioned the Plumbing and Drainage at the above property in accordance with the applied provisions.

(Print full name)

or

I _____, have observed the testing and/or commissioning of the Plumbing or Drainage and the Plumbing or Drainage was tested or commissioned at the above property in accordance with the applied provisions.

(Print full name)

State the extent to which you, the approved person, have relied on tests, specifications, rules, standards, codes of practice or other publications.

Testing and/or Commissioning carried out on: Please tick	Date of testing and/or commissioning	Method of testing and/or commissioning	
		AS/NZ 3500	Other Method (Please State)
Water Plumbing Installation	<input type="checkbox"/>	AS/NZS 3500.1 2003 Sect 16	
Hot Water Service	<input type="checkbox"/>	AS/NZS 3500.4 2003 Sect 11	
Hot Water <50°C (Class 1,2,3,4)	<input type="checkbox"/>	AS/NZS 3500.4 2003 Sect 1.9	
Sanitary Plumbing (eg. stackwork, elevated pipework)	<input type="checkbox"/>	AS/NZS 3500.2 2003 Sect 13.2	
Sanitary Drainage	<input type="checkbox"/>	AS/NZS 3500.2 2003 Sect 13.3	
Floor Waste Gully branches	<input type="checkbox"/>	AS/NZS 3500.2 2003 Sect 13.3	
Reticulated Water Static Pressure Tested ≤ 500Kpa (Other than Fire Service)	<input type="checkbox"/>	AS/NZS 3500.1 2003 Sect 3.3.4	
Other:	<input type="checkbox"/>		

Does the Plumbing and Drainage comply with the applied provisions. YES NO

If no, state the extent Plumbing and Drainage does not comply with the applied provisions.

I hereby certify that the shower, basin, kitchen sink and laundry trough outlet flow rate does not exceed 9 L/min. (tick)

APPROVED PERSON

Signature

Date

If the approved person tests or commissions the plumbing and drainage, the person must, within 5 business days after testing or commissioning the plumbing or drainage, give the responsible person a report about the testing or commissioning (a "Compliance Report"). The responsible person must give Council the Compliance Report prior to Council issuing a Compliance Certificate.

Approved Person: Means for testing and commissioning of work:

- (a) the person who carried out the regulated work; or
- (b) another person who:
 - (i) in the opinion of the Council, is competent to test or commission the plumbing or drainage; and
 - (ii) if required under the Act or another Act to be registered or licensed to practise in the aspect of the work, is registered or licensed.

Responsible Person: Is a person who is licensed to perform the work that is to be assessed and either performs, supervises or directs the performance of the work. The responsible person is the person who will request the inspection of work at the stages prescribed in the Standard Plumbing and Drainage regulation 2003.

Compliance Certificate

Pine Rivers District Office
PO Box 5070
Strathpine QLD 4500

Enquiries: -Document_User_Name-
Direct Phone: (07) 3480 6666
Direct Fax: (07) 3480 6428
Our Ref: -Application_Number-
Your Ref: Error! Not a valid filename.
Date: -Document_Issue_Date-

-Applicant_Name-
-Applicant_Address-

COMPLIANCE CERTIFICATE Regulated Work Plumbing and Drainage Act 2002 s. 86(9)(a)

Certificate Number: -Application_Number-
-All_Locations- -All_Prop_Descr-
-Description-

Your application for a Compliance Certificate for regulated work (that is plumbing and drainage work) under section 86 of the *Plumbing and Drainage Act 2002* was decided on -Acceptable Final Inspection Data- by Moreton Bay Regional Council.

The Council has decided to issue a Compliance Certificate for the work that was the subject of Compliance Permit Number: -Application_Number- ****Use this clause only when a Compliance Permit is issued (Commercial)****

The Council has decided to issue a Compliance Certificate for the work that was the subject to Compliance Assessment Application Number: -Application_Number- ****Use this clause when a Compliance Permit has not been issued (Domestic)****

The work was inspected on the following dates at the following stages:

Type of Inspection	Date of Inspection
--------------------	--------------------

Error! Cannot open file.

Council also received a satisfactory Compliance Report from the Responsible Person for the work for the testing and commissioning of the following items:

- Water Plumbing Installation
- Hot Water Service
- Hot Water <50 c (Class 1,2,3,4)
- Sanitary Plumbing (eg. stackwork, elevated pipework)
- Sanitary Drainage
- Floor Waste Gully branches
- Reticulated Water Static Pressure Tested $\leq 600\text{Kpa}$ (Other than Fire Service)
- Other.....

Upon completion of the plumbing and drainage work, Council requested and received a plan of the completed work and has retained this on file. Copies can be purchased through Council's Corporate Support Division ****Use this clause when As-Constructed Plans have been received from Applicant (Commercial Applications)****

Council has documented the 'as-constructed' sanitary drainage plan which has been retained on file. Copies of this 'as-constructed' plan can be purchased through Council's Corporate Support Division. ****Use this clause for all domestic applications where Council has drawn up the as-con)****

If you have any questions about the content of this Certificate, please contact Council's Plumbing Section on 3480 6666.

Yours faithfully

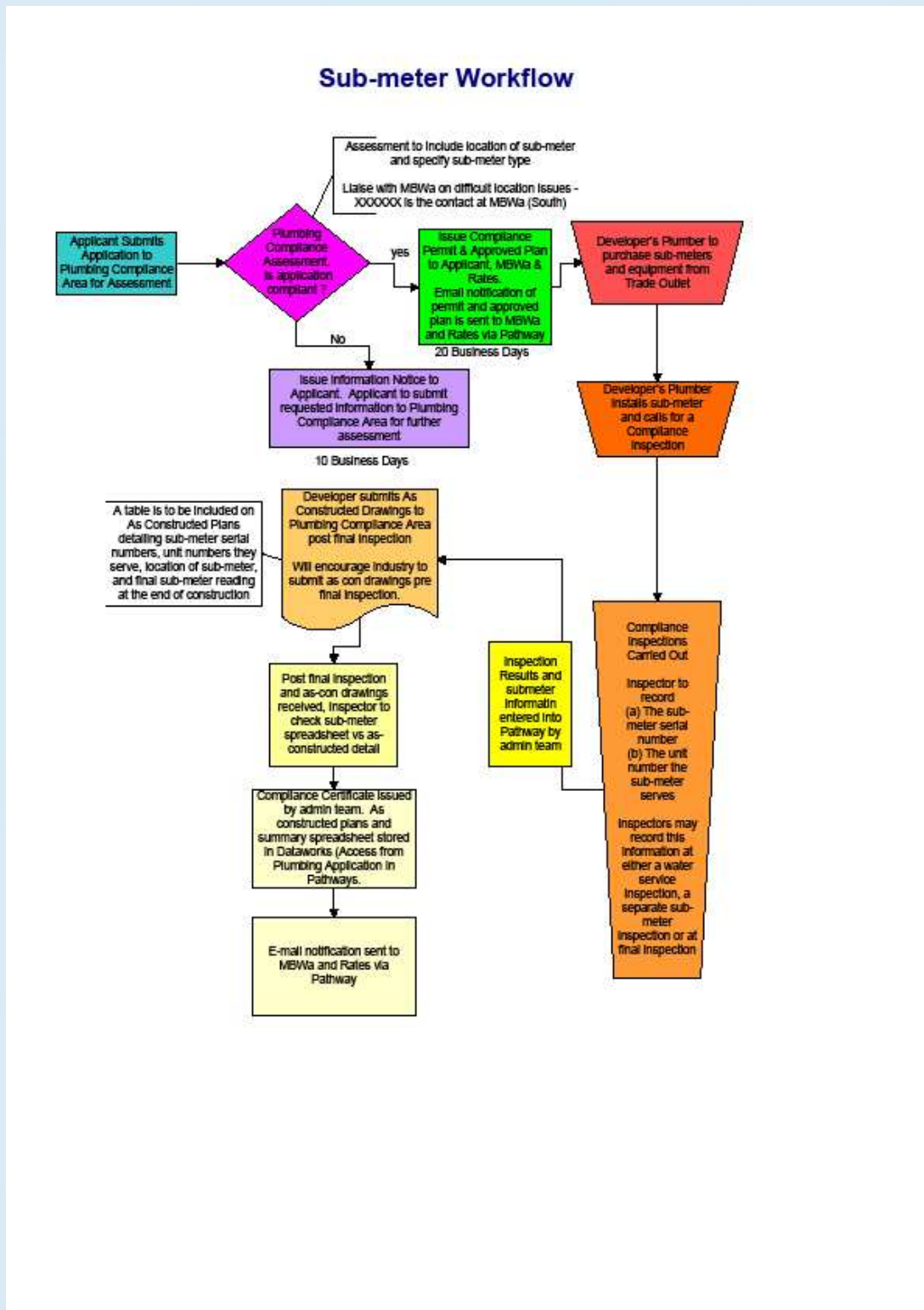
Authorised Officer

Sub-Meters

Web Link to Sub-Meter Guideline

<http://www.moretonbay.qld.gov.au/uploadedFiles/moretonbay/development/plumbing/Technical-Guideline-Submetering-Multi-Unit-Properties.pdf>

Sub-meter Workflow



7 Dot Points

- 1. Sub-meters must be located in common area or common property or less than 3m from a property boundary within a public area

- 2. Sub-meters and equipment are owned, maintained and read by the Water Service Provider

- 3. The definition of meterable premises was amended on the 14th November 2008 to include all Class 1 buildings i.e. Duplex

- 4. For the purpose of billing, the volume of water used in common property will be determined by subtracting the sum of the usage registered on the sub-meters from the master-meter

- ## 5. Do I need to install an AMR?

There are a number of situations that determine if an AMR system is required:

If the development incorporates any form of security gate/access then an approved AMR system will be required to be installed.

If the sub-meters are to be located any higher than the ground floor level of a development then an approved AMR system will be required to be installed.

If in certain gated communities exclusive unrestricted access can be provided for developments that are situated on ground level (i.e. gated housing communities) Moreton Bay Water may decide to relax the requirement for an approved AMR system to be installed.

6. Scenario Table - Developments Requiring AMR

High Rise with restricted access required to install sub meters/AMR	Y
High Rise with no security access required to install sub meters/AMR	Y
Vertical Building (<3 storey) within a security gated community, sub-meters on ground floor, security access required	Y
Vertical Building (>3 storey) within a gated community, sub-meters on each storey, security access required	Y
Commercial factories with unrestricted access to sub meters	N
Commercial factories with restricted access to sub meters	Y
Horizontal residential complex with unrestricted access to sub meters	N
Horizontal residential complex with restricted access to sub meters	Y
Existing building with attached proposed development	N
Existing building with semi attached development	N
Mixed Residential & non residential with unrestricted access to sub meters	N
Mixed Residential & non residential with restricted access to sub meters	Y

- 7. Automatic Meter Reading (AMR) systems have been selected by Moreton Bay Water. The approved AMR systems include:

Authorised Manufacturer	Type of system
Epitomy Pty Ltd	Hardwired AMR System
Utility Data Solutions	Hardwired AMR System and Radio AMR System
Utility Technology Ltd	Hardwire AMR System
Enware Australia Pty Ltd	Radio AMR System
Meter Technology	Radio AMR System

Electronic Lodgement

- Proposed commencement January 2010
- Forms 1 & 2 to be submitted on-line
- Hydraulic plans to be received in PDF format

Topical Issues and Questions

