

ORDINARY MEETING OF COUNCIL TO BE HELD TUESDAY 26 AUGUST 2014

CL03

UTILITIES DIRECTORATE POLICIES

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Waste – Septic Tank Waste Disposal

POLICY – EH-CP-802



| | | |
|-------------|--------------------------------------|------------|
| Directorate | Utilities | |
| TRIM Ref | | |
| Status | Draft Revision for Public Exhibition | |
| Adopted | | Minute No: |

Policy Objective

To promote the efficient operation of Council's sewerage infrastructure by allowing controlled use of Council facilities for the disposal of septic tank waste.

Policy Statement

1. Council will not permit the disposal of septic tank waste to its infrastructure without written approval.
2. Council with concurrence from the NSW Office of Water will accept septic tank waste at approved receival points and in accordance with the following conditions:
 - (a) No keys to Council facilities will be issued to contractors under any circumstances.
 - (b) Discharge of septic tank waste shall only be made in the presence of a Council employee. Additional charges shall be paid if a discharge is required to be made outside normal Council working hours.
 - (c) Council may impose a maximum total daily discharge of septic waste.
 - (d) Odour problems shall be controlled at the point of discharge. Council may suspend discharges if odours lead to complaints or cause a nuisance.
 - (e) The composition of the waste shall comply with that approved. A new application shall be made if the quantity and/or quality of the waste is/are to be varied.
 - (f) If, in the opinion of Council, the waste being discharged does not comply with that approved or is adversely affecting the performance of the Sewage Treatment Works, the sewerage system, or the ecological system in the waters, land or area receiving sewage treatment plant effluent, the contractor shall take remedial action by modifying the characteristics of the waste, reducing the amount or ceasing to discharge the waste.
 - (g) A representative sample of the tankered liquid waste may be taken at least once a year for the testing of different parameters as required, at the expense of the Contractor.

Testing shall be carried out by laboratories that hold National Association Testing Authorities (NATA) registration for the specific test(s) specified in the trade waste approval.

Waste – Septic Tank Waste Disposal

POLICY – EH-CP-802



- (h) Discharges shall be in accordance with the policy Discharge of Liquid Trade Waste into Griffith City Council's Sewerage System.
 - (i) No substance prohibited by the Local Government Act, 1993, Water, Sewerage and Drainage Regulation shall be discharged.
3. Relevant fees shall be charged in accordance with the revenue policy.

Definitions

None

Exceptions

None

Legislation

Local Government Act 1993
Local Government (General) Regulations 2005 (CI 25, 28, 32,159)
POEA Act 1997 (Sect 120)
POEO (General) Regulations (CI 55)

Related Documents

Discharge of Liquid Waste into Griffith City Council's Sewerage System Policy.

Policy History

| Revision Number | Date of Adoption/Amendment | Minute Number |
|-----------------|----------------------------|---------------|
| 1 | 26/09/95 | 772 |
| 2 | 14/01/03 | 25 |
| 3 | 11/05/10 | 0142 |
| | | |

Waste – Derelict Car Bodies - Removal

POLICY – WM-CP-101



| | | |
|--------------------|--------------------------------------|-------------------|
| Directorate | Utilities | |
| TRIM Ref | 14/3627 | |
| Status | Draft Revision for Public Exhibition | |
| Adopted | | Minute No: |

Policy Objective

To preserve and improve the amenity of the Council area by the removal of unsightly derelict car bodies.

Policy Statement

Council at its convenience and at the discretion of the Waste Operations Manager and Compliance Coordinator, when the appropriate equipment is being used in the vicinity, remove derelict car bodies from private premises and no fee will be charged for this service.

Definitions

None

Exceptions

None

Legislation

None

Related Documents

None

Policy History

| Revision Number | Date of Adoption/Amendment | Minute Number |
|-----------------|----------------------------|---------------|
| 1 | 28/04/92 | C227 |
| 2 | 14/01/03 | 25 |
| 3 | 11/05/10 | 0142 |
| | | |

Waste – Council Landfill Operations

POLICY – WM-CP-301



| | | |
|-------------|--------------------------------------|------------|
| Directorate | Utilities | |
| TRIM Ref | 14/13815 | |
| Status | Draft Revision for Public Exhibition | |
| Adopted | | Minute No: |

Policy Objective

To regulate the operation of Council's landfills in order to provide for their efficient management and operation.

Policy Statement

1. The Council's landfills are not to operate on Christmas Day, Boxing Day and Good Friday. Any other closure due to public holidays or otherwise will be notified to the public via the local press.
2. The Tharbogang Waste Management Centre shall open to the public seven (7) days per week.
3. The Yenda landfill will open on Sundays only.
4. The dumping of garbage at the Yenda Waste Management Centre is to be limited to refuse of a domestic nature.
5. No scavenging is permitted at Council's landfills unless authorised by the Council.
6. The following activities are prohibited at Council's landfills:-
 - (a) Shooting;
 - (b) The removal of rocks, trees and soil; and
 - (c) The riding or driving of any motorised vehicle off the designated roads.

Definitions

None

Exceptions

None

Legislation

None

Related Documents

None

Waste – Council Landfill Operations

POLICY – WM-CP-301



Policy History

| Revision Number | Date of Adoption/Amendment | Minute Number |
|-----------------|----------------------------|---------------|
| 1 | Before 24/04/90 | |
| 2 | 23/09/97 | 747 |
| 3 | 14/01/03 | 25 |
| 4 | 14/03/06 | 92 |
| 5 | 11/05/10 | 0142 |
| | | |

Waste – Garbage Bin Replacement

POLICY – WM-CP-401



| | | |
|-------------|--------------------------------------|------------|
| Directorate | Utilities | |
| TRIM Ref | 14/13814 | |
| Status | Draft Revision for Public Exhibition | |
| Adopted | | Minute No: |

Policy Objective

To encourage responsible care of garbage bins provided by Council.

Policy Statement

1. The users of the service shall be required to pay for the replacement cost of commercial and domestic garbage bins if the domestic bin is either stolen or burnt.
2. Council will replace and/or repair a domestic bin if the bin has suffered wear and tear.
3. It is the responsibility of the purchaser of a property to ensure a domestic bin is at that property before purchasing.

Definitions

Replacement Cost: Fee set by Council advertised in Annual Revenue Policy.

Exceptions

When it is proven beyond all reasonable doubt that Griffith City Council is responsible for the damage.

Legislation

None

Related Documents

None

Policy History:

| Revision Number | Date of Adoption/Amendment | Minute Number |
|-----------------|----------------------------|---------------|
| 1 | Before 24/04/90 | |
| 2 | 14/01/03 | 25 |
| 3 | 11/05/10 | 0142 |
| | | |

Waste – Garbage Charges

POLICY – WM-CP-402



| | | |
|-------------|--------------------------------------|------------|
| Directorate | Utilities | |
| TRIM Ref | 14/13474 | |
| Status | Draft Revision for Public Exhibition | |
| Adopted | | Minute No: |

Policy Objective

To determine the basis for charging for Council's garbage service.

Policy Statement

1. The annual domestic garbage charge as determined by Council shall be the fee for the removal on a once per week basis of the garbage contained in one 240 litre mobile garbage bin from each separate occupancy, whether rateable or not.
2. Council will provide households with additional 240 litre mobile bins on payment of the annual fee for each additional bin. Bins are to be obtained for a minimum period of twelve (12) months.
3. Residents can request additional 290 ltr domestic bins.
4. Council will provide businesses with the opportunity to obtain additional services; these include 240ltr, 660ltr and 1100ltr.
5. The annual domestic/commercial charges will be decided by Council and advertised in the Annual Revenue Policy.
6. Council will not refund additional service charges where a service is cancelled for periods of less than three (3) months.
7. Retrospective adjustments of the additional service charge will only be made for the current financial year. It is the responsibility of the resident to notify Council of any discrepancies.

Definitions

None

Exceptions

None

Legislation

None

Waste – Garbage Charges

POLICY – WM-CP-402



Related Documents

None

Policy History

| Revision Number | Date of Adoption/Amendment | Minute Number |
|-----------------|----------------------------|---------------|
| 1 | Before 24/04/90 | |
| 2 | 14/01/03 | 25 |
| 3 | 11/05/10 | 0142 |
| 4 | 15/04/14 | |

Waste – Garbage Service – Outside Service Area | WM-CP-403



| | | |
|-------------|---|------------|
| Directorate | Utilities | |
| TRIM Ref | 14/13812 | |
| Status | Approved Draft Revision for Public Exhibition | |
| Adopted | | Minute No: |

Policy Objective

To afford residents of the opportunity of the garbage service where it can be provided without economic loss to Council.

Policy Statement

14/13812 The Council will provide a domestic garbage collection service to residences outside the defined garbage service area. Where such residences are en route or are conveniently located to an existing route. The provision of the service has to be economically justifiable and approval will be sought through the Waste Operation Manager.

Definitions

None

Exceptions

None

Legislation

None

Related Documents

None

Policy History:

| Revision Number | Date of Adoption/Amendment | Minute Number |
|-----------------|----------------------------|---------------|
| 1 | Before 24/04/90 | |
| 2 | 14/01/03 | 25 |
| 3 | 11/05/10 | 0142 |
| | | |

Water Conservation Measures

POLICY – WS-CP-102



| | | |
|-------------|--------------------------------------|------------|
| Directorate | Utilities | |
| TRIM Ref | 14/28169 | |
| Status | Draft Revision for Public Exhibition | |
| Adopted | | Minute No: |

Policy Objective

- a) To provide an operational framework to manage the risk of failure to supply water in circumstances where low rainfall, water supply system failures or water quality issues restrict or limit the ability of Council to supply and deliver water.
- b) To guide the public in the expectations and requirements of Council when water conservation measures are imposed.

Policy Statement

Scope

These measures provides a graduated scale of controls to promote water demand management to ensure good water conservation practices within the Griffith City Council Local Government area.

It applies to all water supplied by Griffith City Council through its reticulated water supply systems (both potable and non potable). It does not apply to alternative water sources.

Water Conservation

Council has adopted the “Drought Management Plan- November 2008” document prepared by HydroScience Consulting.

The implementation of water conservation measures will consider the following matters:

- Restrictions placed on High or General Security water supply by the NSW Office of Water for the Murrumbidgee system
- Upstream dam status
- Comparative restriction levels in adjacent council areas
- Seasonal conditions

An annual usage target curve for each level of restriction has been prepared. A review of the restriction level is made when the target level is exceeded.

Public Information

Council will, by public notice, notify users to any water supply restrictions. This may be in the form of written advertisements in the local press. Additional radio and television coverage may be utilised.

In the case of emergencies, radio and television will be the main forms of communication to the general public.

Water Conservation Measures

POLICY – WS-CP-102



Infringement Notice

Council's Compliance staff may issue infringement notices to individuals/ corporations in breach of Council's adopted water conservation measures.

Definitions

In this document:

"Alternative Water Source" means water from a bore, dam, stream, canal or from a reticulated water system that is not connected to Griffith City Council's water supply.

"Approved or Approval or Permitted" means written approval has been received from Griffith City Council

"Bucket" means any container, including a watering can, with a maximum capacity of 15 litres.

"Bucket Watering" means watering from a hand held bucket that is filled directly from a fixed tap and then carried to plants.

"Drip Irrigation System" is a surface or subsurface, manual or automatic system, that uses a dripper or emitter to water lawns or gardens.

"Domestic Use" means for internal (residential) household use.

"Fixed Sprinklers and Hoses" means a non moveable sprinkler or hose that is used for watering lawns and gardens

"Garden" means any ground that has been cultivated and in which is situated trees, shrubs, flowers, vegetables or vegetation of any kind; and • includes plants in pots or tubs external to a dwelling house or on a verandah.

"Hand Held Hose" means a hose fitted with a trigger nozzle and only held by hand.

"Licensed Person" means the holder of a current plumbers or drainers licence under the Plumbing and Drainage Act.

"Microspray Irrigation System" may be a manual or automatic lawn system that uses small sprays to irrigate lawns or gardens

"Not Permitted" means water must not have been taken from Council's water Supply but an alternate water source may be used.

"Non Fixed Sprinkler" is an above ground sprinkler that is attached to and supplied by a hose, used manually or automatically, with or without a timer to irrigate lawns or gardens.

"Odds and Evens Basis" means properties with an odd numbered street address are permitted to water on an odd numbered date of the week and properties with an even numbered street address are permitted to water on an even numbered date of the week. Properties without a street number are deemed to have an even numbered address.

Water Conservation Measures

POLICY – WS-CP-102



“Soaker Hose” is a fixed or moveable hose with a series of small openings to water lawns or gardens.

“Water Demand Management” means the adoption of policies by a water service provider designed to influence the demand for water in ways that recognise the value of water as a community resource.

“Water Restrictions and Water Conservation Measures” means regulations introduced by the local water utility (LWU) to enforce restriction of water consumption to ensure that water supply can be maintained at levels consistent with good management practices, considering volume, quality or supply constraints.

“Watering System” is any automated system for the watering of lawns, gardens by any means.

“Water Toys” means any toy that is operated by running water supplied by a hose.

“Yenda Raw Water Users” means residents of Yenda on the dual water system.

Abbreviations

LWU - Local Water Utility

Exceptions

Council’s Group Manager, Water & Sewer, will consider written applications for variation to the adopted water conservation measures on a case by case basis.

If approved, conditions may stipulate a particular time, procedure or other variation to these measures. Council reserves the right to revoke or amend the conditional approval, giving 7 days written notice.

Legislation

Management of water supply in NSW is administered by the:

- Water Act, 1912
- Local Government Act, 1993
- Local Government (General) Regulations, 2005
- Water Management Act, 2000

The Local Government Act, 1993 confers on Council the authority to construct, maintain, operate and repair infrastructure works for the supply of water within its supply district (the boundaries of the City).

The Water Management Act includes a number of processes and principles aimed at improvements to the health of the State's water resources, providing greater economic benefits and shared responsibility for water management.

The Water Act and Water Management Act have established a systematic approach to licensing the water supply for towns (or Local Water Utilities – LWUs), which specifies the amount of water that LWUs can extract.

Water Conservation Measures

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In particular, the Local Government (General) Regulations, 2005 gives powers to a Water Authority to:

- **S137** – Restrict the purpose, time, method or quantity of water supply if there is a shortage
- **S 144** – Cut off or restrict water supply
- **S 159** – Prevent the waste or misuse of water

Related Documents

Water Restriction Guidelines

Policy History

| Revision Number | Date of Adoption/Amendment | Minute Number |
|-----------------|----------------------------|---------------|
| 1 | 12 July 2011 | 0222 |
| 2 | | |
| 3 | | |
| | | |

Water Conservation Measures

POLICY – WS-CP-102



Griffith City Council – Water Conservation Levels

Amended June 2011

| | Level 1 Low | Level 2 Moderate | Level 3 Medium | Level 4 High | Level 5 Extreme |
|---|---|---|---|---|--|
| 1. RESIDENTIAL | | | | | |
| <p>1.1 Lawns & Gardens</p> <p>(Note Odds and Evens = odd numbered houses on odd numbered days and even numbered houses on even numbered days)</p> <p>Newly Established lawns – see Schedule 1</p> | <p>Watering systems, fixed and non fixed hoses, soaker hoses permitted.</p> <p>2 Hours Max. per Day</p> <p>4 Hours Max. per Day for Yenda Raw water users</p> <p>Drip Irrigation systems & hand watering permitted between hours below.</p> | <p>Watering systems, fixed and non fixed hoses, soaker hoses permitted</p> <p>3 Hours Max. per Day on Odds and Evens Basis. 5 Hours Max. per Day on Odds and Evens Basis for Yenda Raw Water users only.</p> <p>No watering on 31st Day of month</p> <p>Drip Irrigation systems & hand watering with trigger nozzle permitted between hours below on Odds and Evens basis.</p> | <p>Watering systems, fixed Sprinklers and Fixed Hoses permitted</p> <p>2 Hours max. per day on Odds and Evens Basis. 4 Hours Max. per Day on Odds and Evens Basis for Yenda Raw Water users only.</p> <p>No watering on 31st Day of month.</p> <p>Drip Irrigation systems & hand watering with trigger nozzle permitted between hours below on Odds and Evens basis.</p> | <p>Watering systems, fixed and non fixed hoses, soaker hoses NOT Permitted. Bucket / watering can watering permitted at any time.</p> <p>Drip Irrigation systems permitted between hours below on Odds and Evens basis. Hand Held Hoses with trigger nozzle – odds & evens basis for 1 hour during above times.</p> | <p>No external watering except with recycled water</p> |
| <p>Daylight Saving</p> <p>Non Daylight Saving</p> | <p>Between 6-9am, & 6- 9pm</p> <p>Between 7-10am, 4- 7pm</p> | <p>Between 6-9am, & 6-9pm</p> <p>Between 7-10am, 4-7pm</p> | <p>Between 6-9am, & 6- 9pm</p> <p>Between 7-10am, 4-7pm</p> | <p>Between 6-9am, & 6-9pm</p> <p>Between 7-10am, 4-7pm</p> | |

Water Conservation Measures

POLICY – WS-CP-102



Griffith City Council – Water Conservation Levels

Amended June 2011

| | Level 1 Low | Level 2 Moderate | Level 3 Medium | Level 4 High | Level 5 Extreme |
|--|--|--|---|---|--|
| 1.2 Paved Areas – Footpaths, driveways paths. Window Washing | Not Permitted unless approved for accident, fire, health and safety Permitted | Not Permitted unless approved for accident, fire, health and safety Permitted | Not Permitted unless approved for accident, fire, health and safety Permitted | Not Permitted unless approved for accident, fire, health and safety Requires Council approval | Not Permitted unless approved for accident, fire, health and safety Not permitted |
| 1.3 Private Swimming Pools, Spas | No Restrictions | Pools not to be filled except with Council approval. Top ups permitted. Pool covers encouraged. | Pools not to be filled except with Council approval. Top ups permitted. Pool covers encouraged. | Hand held hose top-up only where pool covers are utilised New pools- filling approved with mandatory pool covers only. | Pools not to be topped up with reticulated water. |
| 1.4 Vehicle Washing (Private) | Hand Held Hoses with trigger nozzle – no Restrictions on hours of use. | Hand Held Hoses with trigger nozzle – no Restrictions on hours of use. | Hand Held Hoses with trigger nozzle – no Restrictions on hours of use. | Bucket use with hand held trigger nozzle to rinse and pre-rinse only. | Bucket washing of windshield, mirrors, lights and Rego plates only. |
| 1.5 Fountains & Water Features (Private) | No Restrictions | No Restrictions | Top – up by hand held hose only to existing. No filling of new facilities | No top-up or filling permitted at any time. | No top-up or filling permitted at any time. |
| 1.6 Water Toys | No Restrictions | No Restrictions | Not Permitted | Not Permitted | Not Permitted |
| 1.7 Water Tanks | No Restrictions | Top up from Council reticulated system not permitted for garden watering | Top up from Council reticulated system not permitted for garden watering | Top up from Council reticulated system not permitted for garden watering | Top up from Council reticulated system not permitted for garden watering |

Water Conservation Measures

POLICY – WS-CP-102



Griffith City Council – Water Conservation Levels

Amended June 2011

| | Level 1 Low | Level 2 Moderate | Level 3 Medium | Level 4 High | Level 5 Extreme |
|--|--|---|--|--|--|
| 2. COMMERCIAL / BUSINESS & PUBLIC SPACE | | | | | |
| 2.1 Public Gardens, Open Space & Public Facilities | 3 Hrs Max per Day Outdoor Manual water systems permitted between 12 midnight – 10am daily. Automatic timed systems between 12 midnight – 6am daily Council parks see Schedule 1 | 3 Hrs Max per Day on Monday, Wed and Fri only. Manual water systems permitted between 12 midnight – 10am Automatic timed systems between 12 midnight – 6am. Council parks see Schedule 1 | 2 Hours Max per Day on Monday, Wed and Fri only. Manual water systems permitted between 5am – 10am Automatic timed systems between 12 midnight – 6am Council parks see Schedule 1 | See Schedule 1. Hand Held Hoses with trigger nozzle – odds & evens basis between above times for 1 hour during either of these two periods Bucket / watering can watering permitted at any time. | No external watering except with recycled water |
| 2.2 General Business, Commercial & Industrial Outdoor Use. | All outdoor use as per 2.1 above. | All outdoor use as per 2.1 above. | All outdoor use as per 2.1 above. | All outdoor use as per 2.1 above. Council Approved Drip Irrigation Systems – odds & evens basis for 1 hour during either of these two above periods | All outdoor use as per 2.1 above. |
| 2.3 Sports Ovals, Bowling Greens, Golf Courses | As per 2.1 above. | As per 2.1 above. | As per 2.1 above. | As per 2.1 above. | As per 2.1 above. |
| 2.4 Washing of Paved Areas | Not Permitted unless approved by Council for accident, fire, health and safety | Not Permitted unless approved by Council for accident, fire, health and safety | Not Permitted unless approved by Council for accident, fire, health and safety | Not Permitted unless approved by Council for accident, fire, health and safety | Not Permitted unless approved by Council for accident, fire, health and safety |

Water Conservation Measures

POLICY – WS-CP-102



Griffith City Council – Water Conservation Levels

Amended June 2011

| | Level 1 Low | Level 2 Moderate | Level 3 Medium | Level 4 High | Level 5 Extreme |
|--|---|--|---|--|---|
| 2.5 Public Pools, Spas | No Restrictions | Pools not to be filled except with Council permission. Top ups permitted. Pool covers encouraged. | Pools not to be filled except with Council permission. Top ups permitted. Pool covers encouraged. | Hand held hose top-up only. Pools not to be filled except with Council permission. New pools – covers mandatory. | Pools not to be topped up with reticulated water. |
| 2.6 Commercial/ Business Vehicle & Aircraft Washing incl Car Yards and Permanent Bay Car wash. | No Restrictions | Hand Held Hoses with trigger nozzle – no Restrictions on hours of use. Permanent bay carwashes accepted | Hand Held Hoses with trigger nozzle Permanent bay carwashes accepted. Recycling encouraged. | Hand Held Hoses with trigger nozzle – Restricted to Odd/ Even basis. Permanent bay carwashes accepted if they use 80 litres or less for standard cycle. Recycling encouraged. | Bucket washing of windshield, mirrors, lights and Rego plates only. Permanent bay carwashes accepted if they recycle only. |
| 2.7 Sourcing water by Mobile Tanker from Council Supplies | Permitted for stock, domestic, road & building construction purposes, public street trees | Permitted for stock, domestic, road & building construction purposes, public street trees | Permitted for stock, domestic, road & building construction purposes, public street trees | Permitted for stock, domestic, road & building construction purposes, public street trees | Council approval required for all use. |
| 2.8 Washing Exterior of Commercial Buildings | Permitted | Not Permitted unless approved by Council | Not Permitted unless approved by Council | Not Permitted unless approved by Council | Not permitted. |
| Window Washing | Permitted | Permitted | Permitted | Requires Council approval | Not Permitted |
| Emergency Services | Exempt | Exempt | Exempt | Exempt | Exempt |
| | | | | | |

Water Conservation Measures

POLICY – WS-CP-102



| Schedule 1 - Level 1 Conservation Measures* | | |
|---|--|---|
| Public Gardens, Open Space & Public Facilities | <p>Council Park permitted to water Mon – Friday* for the following duration:</p> <ul style="list-style-type: none"> Rank 1 – 40 min/station 3 times per week Rank 2 – 30 min/3 times per week Rank 3 – 30min/station twice per week | |
| <p>Sports Ovals</p> <p>Including: Ted Scobie, West End, Jubilee, Hanwood Sports, Wade Park, Henderson, Ex- Servicemens, Coro Club, Leagues Club and School Ovals.</p> | 40 minutes per water station/ position – Mon - Friday | <p>Automatic systems 9pm – 6 am</p> <p>Manual systems between 9pm - 9am</p> |
| Golf Courses, Public Tennis Courts | <p>Maximum 3 Hour/ per day (Mon, - Friday) for Greens and Tees and Tennis courts unless exemptions granted</p> <p>Hand watering allowed as per 1.1 above.</p> | Hours detailed as per 1.1 above |
| Griffith Saleyards & Truck Wash | Hosing of Holding, sales pens and stock trucks permitted | |
| Commercial Plant Nurseries | <p>Maximum 5 Hours/day for fixed spray systems</p> <p>Hand watering allowed at all times</p> | Fixed sprinkler Watering to be finished before 9 am each day. |
| Riding For Disabled – Dressage/ Stables | <p>Dressage area – 30 minutes / day fixed sprinkler.</p> <p>Stables – Hose cleaning once per week.</p> <p>Hand watering allowed as per 1.1 above.</p> | |
| Newly Established Lawns | <p>Permitted only with Council written permission.</p> <p>Lawns – following laying fixed sprinklers permitted for 2 weeks for 3 hours per day.</p> <p>Hand watering allowed as per 1.1 above.</p> | Hours detailed as per 1.1 above |

* Refer to Level 1 Conservation Levels

Water Conservation Measures

POLICY – WS-CP-102



| Schedule 1 - Level 2 Conservation Measures* | | |
|---|---|---|
| Public Gardens, Open Space & Public Facilities | <p>Council Park permitted to water during the hours as per 2.1 for the following duration:</p> <ul style="list-style-type: none"> Rank 1 – 40 min/station 3times per week Rank 2 – 30 min/3 times per week Rank 3 – 30min/station twice per week | |
| <p>Sports Ovals</p> <p>Including: Ted Scobie, West End, Jubilee, Hanwood Sports, Wade Park, Henderson, Ex- Servicemens, Coro Club, Leagues Club and School Ovals.</p> | 40 minutes per water station/ position - Three day per week (Mon, Wed, Friday) | <p>Automatic systems 9pm – 6 am</p> <p>Manual systems between 9pm - 9am</p> |
| Golf Courses, Public Tennis Courts | Maximum 3 Hour/ per day (Mon, Wed, Friday) for Greens and Tees and Tennis courts unless exemptions granted Hand watering allowed as per 1.1 above. | Hours detailed as per 1.1 above |
| Griffith Saleyards & Truck Wash | Hosing of Holding, sales pens and stock trucks permitted | |
| Commercial Plant Nurseries | Maximum 5 Hours/day for fixed spray systems Hand watering allowed at all times | Fixed sprinkler Watering to be finished before 9 am each day. |
| Riding For Disabled – Dressage/ Stables | <p>Dressage area – 30 minutes / day fixed sprinkler.</p> <p>Stables – Hose cleaning once per week.</p> <p>Hand watering allowed as per 1.1 above.</p> | |
| Newly Established Lawns | <p>Permitted only with Council written permission.</p> <p>Lawns – following laying fixed sprinklers permitted for 2 weeks for 3 hours per day.</p> <p>Hand watering allowed as per 1.1 above.</p> | Hours detailed as per 1.1 above |

* Refer to Level 2 Conservation Levels

Water Conservation Measures

POLICY – WS-CP-102



| Schedule 1 - Level 3 Conservation Measures* | | |
|--|---|--|
| Public Gardens, Open Space & Public Facilities | <p>Council Park permitted to water during the hours as per 2.1 for the following duration:</p> <ul style="list-style-type: none"> Rank 1 – 30 min/station 3times per week Rank 2 – 30 min/station Monday and Thursday Rank 3 – 30min/station once per week | |
| Sports Ovals Including: Ted Scobie, West End, Jubilee, Hanwood Sports, Wade Park, Henderson, Ex- Servicemens, Coro Club, Leagues Club and School Ovals. | 30 minutes per water station/ position - Three day per week (Mon, Wed, Friday) | Automatic systems between 12 midnight – 6 am Manual systems between 12 midnight - 9am |
| Golf Courses, Public Tennis Courts | Maximum 2 Hour/ per day (Mon, Wed, Friday) for Greens and Tees and Tennis courts only. Hand watering allowed as per 1.1 above. | Between 6 - 9am & 6 - 9pm |
| Griffith Saleyards & Truck Wash | Hosing of Holding, sales pens and stock trucks permitted | |
| Commercial Plant Nurseries | Maximum 5 Hours/day for fixed spray systems Hand watering allowed at all times | Fixed sprinkler Watering to be finished before 9 am each day. |
| Riding For Disabled – Dressage/ Stables | Dressage area – 30 minutes / day fixed sprinkler. Stables – Hose cleaning once per week. Hand watering allowed as per 1.1 above. | |
| Newly Established Lawns | Permitted only with Council written permission. Lawns – following laying fixed sprinklers permitted for 2 weeks for 2 hours per day. Hand watering allowed as per 1.1 above. | Between 6 – 9am & 6-9pm |

* Refer to Level 3 Conservation Levels

Water Conservation Measures

POLICY – WS-CP-102



| Schedule 1 - Level 4 Conservation Measures* | | |
|---|---|---|
| Public Gardens, Open Space & Public Facilities | <p>CWA, Memorial, War Memorial Pk, Community Gardens, Rotary Pk(Yenda), Circle Pk, Airport and Cemetery – 30 minutes / station/ week</p> <p>Council Chambers , Regional Theatre, Banna Av Roundabouts – 20 minutes / station/ week</p> <p>Brolga Pk, Art Gallery – 15 minutes/station/week</p> <p>Banna Av. Medians – 5 minutes twice / week</p> <p>Drip Systems – 1Hr/ week</p> | |
| <p>Sports Ovals</p> <p>Including: Ted Scobie, West End, Jubilee, Hanwood Sports, Wade Park, Henderson, Ex- Servicemens, Coro Club, Leagues Club and School Ovals.</p> | 30 minutes per water station/ position - One day per week | <p>Automatic systems between 12 midnight – 6 am</p> <p>Manual systems between 12 midnight - 9am</p> |
| Golf Courses, Public Tennis Courts | <p>Maximum 1 Hour/ per day (Mon, Wed, Friday) for Greens and Tees and Tennis courts only.</p> <p>Hand watering allowed as per 1.1 above.</p> | Between 6 – 9am & 6-9pm |
| Griffith Saleyards & Truck Wash | Hosing of Holding, sales pens and stock trucks permitted | |
| Commercial Plant Nurseries | <p>Maximum 5 Hours/day for fixed spray systems</p> <p>Hand watering allowed at all times</p> | Fixed sprinkler Watering to be finished before 9 am each day. |
| Riding For Disabled – Dressage/ Stables | <p>Dressage area – 30 minutes / day fixed sprinkler.</p> <p>Stables – Hose cleaning once per week.</p> <p>. Hand watering allowed as per 1.1 above.</p> | |
| Newly Established Lawns | <p>Permitted only with Council written permission.</p> <p>Lawns – following laying fixed sprinklers permitted for 1 week for 30 minutes per day.</p> <p>Hand watering allowed as per 1.1 above.</p> | Between 6 – 9am & 6-9pm |

* Refer to Level 4 Conservation Levels

Water Conservation Measures

POLICY – WS-CP-102



| Schedule 1 - Level 4 Conservation Measures* | | |
|--|---|--|
| Public Gardens, Open Space & Public Facilities | <p>CWA, Memorial, War Memorial Pk, Community Gardens, Rotary Pk(Yenda), Circle Pk, Airport and Cemetery – 30 minutes / station/ week</p> <p>Council Chambers , Regional Theatre, Banna Av Roundabouts – 20 minutes / station/ week</p> <p>Brolga Pk, Art Gallery – 15 minutes/station/week</p> <p>Banna Av. Medians – 5 minutes twice / week</p> <p>Drip Systems – 1Hr/ week</p> | |
| Sports Ovals Including: Ted Scobie, West End, Jubilee, Hanwood Sports, Wade Park, Henderson, Ex- Servicemens, Coro Club, Leagues Club and School Ovals. | 30 minutes per water station/ position - One day per week | Automatic systems between 12 midnight – 6 am Manual systems between 12 midnight - 9am |
| Golf Courses, Public Tennis Courts | Maximum 1 Hour/ per day (Mon, Wed, Friday) for Greens and Tees and Tennis courts only. Hand watering allowed as per 1.1 above. | Between 6 – 9am & 6-9pm |
| Griffith Saleyards & Truck Wash | Hosing of Holding, sales pens and stock trucks permitted | |
| Commercial Plant Nurseries | Maximum 5 Hours/day for fixed spray systems Hand watering allowed at all times | Fixed sprinkler Watering to be finished before 9 am each day. |
| Riding For Disabled – Dressage/ Stables | Dressage area – 30 minutes / day fixed sprinkler. Stables – Hose cleaning once per week. . Hand watering allowed as per 1.1 above. | |
| Newly Established Lawns | Permitted only with Council written permission. Lawns – following laying fixed sprinklers permitted for 1 week for 30 minutes per day. Hand watering allowed as per 1.1 above. | Between 6 – 9am & 6-9pm |

* Refer to Level 4 Conservation Levels

Water – Backflow Prevention

POLICY – WS-CP-201



| | | |
|-------------|--------------------------------------|------------|
| Directorate | Utilities | |
| TRIM Ref | 13/3164 | |
| Status | Draft Revision for Public Exhibition | |
| Adopted | | Minute No: |

Policy Objective

To ensure the provision of safe, potable water supplies by the fitting of backflow prevention devices or by other means of preventing cross-connection of the potable water supplies with sources of other contaminants.

Griffith City Council requires the installation of backflow prevention devices at all property connections. In addition, depending on the level of hazard and risk within properties, additional prevention devices are required to prevent the contamination of potable water within the water service (i.e. zone protection). Griffith City Council reserves the right to refuse water supply (under the Local Government Act 1993) to new and existing water services that do not comply with Council's Backflow Prevention Policy.

Policy Statement

1. WHAT IS BACKFLOW PREVENTION

In the context of the potable water supply, "backflow" means the undesirable reversal of flow in water into the potable distribution and reticulation system, thereby contaminating the water supply.

Council has a duty of care to its consumers to provide a safe potable water supply. Backflow prevention is a necessary part of meeting this obligation.

Council is required to administer an ongoing backflow prevention program in accordance with the National Plumbing and Drainage Code, AS 3500.1.

2. REFERENCE DOCUMENTS

Australian Standard 3500.1-1992 and the Plumbing Code of Australia describe the requirements for device installation, licensing, testing and data recording by relevant authorities.

These Standards and Acts are:

- AS3500.1-1992 National Plumbing and Drainage Code, Part 1; Water Supply
- AS2845.1-1995 Water Supply- Backflow Prevention Devices; Part 1: Materials, design and performance requirements
- AS2845.2-1994 Water Supply- Backflow Prevention Devices; Part 2: Air gaps and break tanks.
- AS2845.3-1993 Water Supply- Backflow Prevention Devices; Part 3: Field testing and maintenance.
- Water Supply Authorities Act, 1987.

3. PREVENTION METHODS

A range of approved devices and methods exist to prevent backflow. The selection of the backflow prevention device or method depends on the degree of hazard posed by the type of property connected.

The range of devices includes:

- air gaps
- barometric loops
- vacuum breakers (both atmospheric and pressure types)
- double check valve assemblies and
- reduced pressure zone devices

As described in AS2845.1-1995, AS2845.2-1994 and AS2845.3-1993.

3.1 Identification of Hazard

AS3500.1-2003, Clause 4.3 stipulates 3 degrees of cross-connection hazard as follows:

- **High Hazard** Any condition, device or practice which in connection with the water supply system has the potential to cause death.
- **Medium hazard:** Any condition, device or practice which in connection with the water supply system could endanger health.
- **Low hazard:** Any condition, device or practice which in connection with the water supply system would constitute a nuisance but not endanger health.

Clause 4.2.1 of the Code states that all water supply systems shall be designed, installed and maintained so as to prevent contaminants from being introduced into the potable water supply system.

Table 4.1 lists the suitability of backflow prevention devices and Table 4.4 lists the hazard rating and selection of devices provided at the property boundary to protect the Authority's water supply from contamination.

4. INSTALLATION OF BACKFLOW PREVENTION DEVICES

4.1 New Water Services

All new water services are required to be fitted with backflow prevention devices or other approved methods for the isolation and prevention of cross-connection of the potable water supply with identified hazards.

4.2 Existing Low Hazard Services

These services are mostly residential connections. Low hazard devices will be progressively connected as part of the water meter installation program.

4.3 Existing High and Medium Hazard Services

These services are currently being identified in conjunction with the water meter site survey which is being carried out as part of the contract documentation for the water meter installation program.

Backflow prevention devices will then be fitted with a priority on the high hazard sites. The installation work will be done in conjunction with the meter refurbishment program where possible

5. INSPECTION OF REGISTERED BACKFLOW PREVENTION DEVICES

Generally, inspection and certification of devices shall be in accordance with:

AS2845.1-1995 Water Supply - Backflow Prevention Devices; Part 1: Materials, design and performance requirements

AS2845.2-1994 Water Supply - Backflow Prevention Devices; Part 2: Air gaps and break tanks.

AS2845.3-1993 Water Supply - Backflow Prevention Devices; Part 3: Field testing and maintenance.

5.1 Register to be maintained by Council

Council will maintain a register of all registered backflow prevention devices, air gaps and break tanks and test data.

5.2 Frequency of Inspections

Council shall endeavour to carry out inspections of all registered backflow prevention devices air gaps and break tanks at 12 month intervals.

5.3 Authorised Persons to be engaged for Testing

Testing is to be carried out by suitably qualified persons appointed by Council using approved equipment in accordance with Australian Standards.

Test results will be recorded by the authorised testing persons and a copy provided to the property owner/s.

6. FEES AND CHARGES

Council shall charge an annual fee for backflow prevention devices in accordance with the current revenue policy.

Council shall be the owner of the backflow prevention device and be responsible for the maintenance and annual testing. Maintenance and testing costs are incorporated into the annual fee.

The property owner shall be responsible for the cost of supplying the device. This cost is not an up-front charge, instead it is a component of the annual fee which is calculated on the purchase price amortised over the estimated life cycle of the device

Costs associated with damage to the backflow prevention device is covered in Council's policy *Council Responsibility – Water and sewerage services*.

7. IRRIGATION AND LAWN-WATERING SYSTEMS

7.1 Scope

Section 7 of the National Plumbing Code defines the types of irrigation systems for the purposes of backflow prevention and is adopted as part of Council's Backflow Prevention Policy.

7.2 System Types

Irrigation systems including hose tap connected systems shall be categorised as one of the following types:

- (a) **Type A systems:** All permanently open outlets and pipework more than 150 mm above finished ground level, not subject to ponding and not involving injection systems. No backflow prevention required (see Figure 7.1 of AS 3500.1).
- (b) **Type B systems** Any irrigation system in Class 1 or Class 2 buildings with pipework or outlets installed less than 150 mm above finished ground level and not involving injection systems (see Figures 7.2 and 7.3 of AS 3500.1)
- (c) **Type C systems** Any irrigation system in other than Class 1 or Class 2 buildings with pipework or outlets less than 150 mm above finished ground level and not involving injection systems (see Figures 7.4 and 7.5 of AS 3500.1)
- (d) **Type D systems** Any irrigation system where fertilisers, herbicides, nematicides or the like, are injected or siphoned into the system (see Figures 7.6 and 7.7 of AS 3500.1)

7.3 Backflow Protection Requirements

Type B, Type C and Type D irrigation systems shall be protected against backflow in accordance with Tables 4.2, 4.3 and 4.4 of AS 3500.1

7.4 Materials

All materials, valves and fittings on the upstream side of and including the last pressurised valve on each line, shall comply with Section 2 of AS 3500.1.

7.5 Irrigation Systems Diagrams

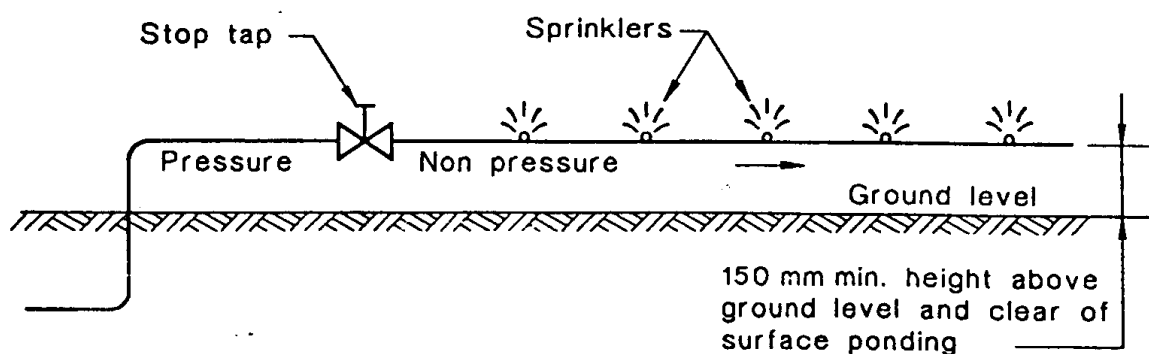


FIGURE 7.1 TYPE A SYSTEM—NO BACKFLOW PREVENTION REQUIRED

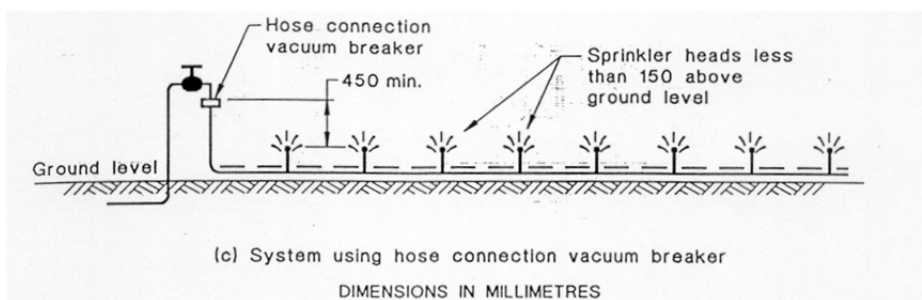


FIGURE 7.2 (in part) TYPE B SYSTEM NON-TESTABLE DEVICES—NO BACKPRESSURE

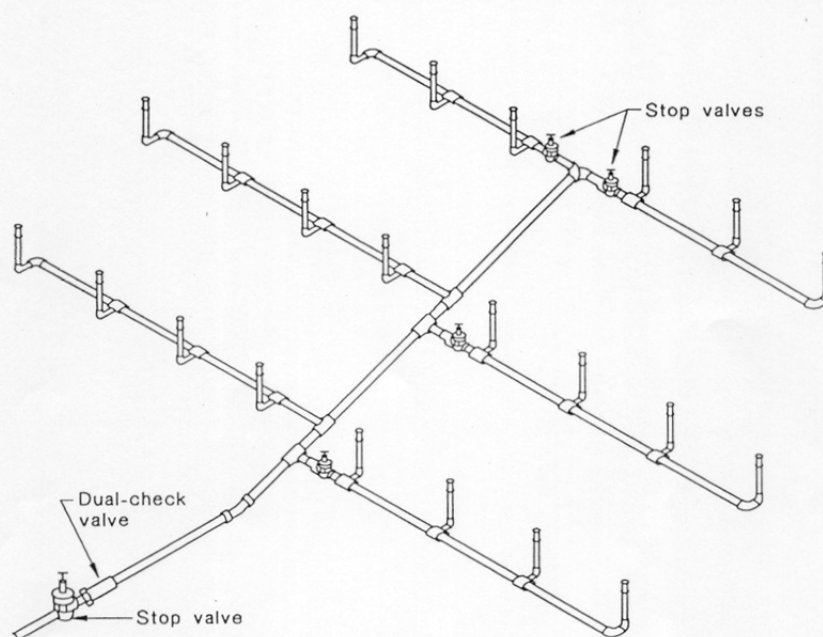


FIGURE 7.3 TYPE B SYSTEM—NON-TESTABLE DEVICES—SUITABLE FOR BACKPRESSURE

Water – Backflow Prevention

POLICY – WS-CP-201



8. ADMINISTRATION OF POLICY

The Utilities Directorate shall be responsible for the classification of the level of hazard, the installation of backflow prevention devices and creation of a register.

The Sustainable Development Directorate will be responsible for ensuring all new premises are fitted with appropriate backflow prevention devices.

The Business, Cultural & Financial Services Directorate will be responsible for collection of annual fees.

Definitions

None

Exceptions

None

Legislation

AS/NZS 3500 National Plumbing & Drainage Code
AS/NZS 2845 Water Supply – Backflow Prevention Devices
Plumbing Code of Australia

Policy Owner

Water & Sewerage

Related Documents

Policy - Council Responsibility – Utilities Directorate
Revenue Policy

Policy History

| Revision Number | Date of Adoption/Amendment | Minute Number |
|-----------------|----------------------------|---------------|
| 1 | 28/09/97 | 725 |
| 2 | 14/01/03 | 25 |
| 3 | 11/05/10 | 0142 |
| | | |

Water – Use of Hydrants by External Parties

POLICY – WS-CP-203



| | | |
|-------------|--------------------------------------|------------|
| Directorate | Utilities | |
| TRIM Ref | | |
| Status | Draft Revision for Public Exhibition | |
| Adopted | | Minute No: |

Policy Objective

To regulate the use of water hydrants by external parties so as to protect Council's water services.

Policy Statement

1. Council shall not permit the use of fire hydrants by external parties unless the written prior approval of the Director, Utilities is obtained.
2. Where members of the Griffith Fire Brigade are to undertake hydrant testing, the prior approval of Council is required and such testing is to be carried out only during Council's normal working hours.
3. Hydrants shall not be used for the filling of water carts. High velocity standpipes have been provided by Council in both Griffith and Yenda for the filling of water carts.

Definitions

None

Exceptions

None

Legislation

Water Management Act 2000

Water Management (Water Supply Authorities) Regulation 2004 (Division 4)

Related Documents

AS/NZS 2845 Water Supply – Backflow Prevention Devices

Policy History

| Revision Number | Date of Adoption/Amendment | Minute Number |
|-----------------|----------------------------|---------------|
| 1 | Before 24/04/1990 | |
| 2 | 14/01/03 | 25 |
| 3 | 11/05/10 | 0142 |
| | | |

Position Statement on Water

POLICY – WS-CP-204



| | | |
|-------------|--------------------------------------|------------|
| Directorate | Utilities | |
| TRIM Ref | 14/13817 | |
| Status | Draft Revision for Public Exhibition | |
| Adopted | | Minute No: |

Policy Objective

Irrigation water is the fundamental ingredient to the continuing success of the region. A guaranteed, predictable and affordable water supply is crucial to the viability of irrigation farming and the communities that have been founded on that activity.

The following represents the position of the Griffith City Council on various issues relating to water.

Policy Statement

1 The Murray-Darling Basin Ministerial Council's Cap on Diversions

A more workable and flexible system must be introduced to replace the cap, one that gives due recognition to the individual needs of local river systems, current use, economic impacts and variations between seasons. Practical scientific data is to be used in calculating the cap.

2 Water Access and Usage

- (a) Access Rights be issued in perpetuity to land holders with compensation payable if the right is removed.
- (b) Urban centres be guaranteed a secure high security water allocation.
- (c) Permanent transfers outside of a valley not be permitted.

3 Water Pricing

- (a) In determining pricing policies, all beneficiaries (including the public benefit) must be identified and bear an appropriate share of the costs.
- (b) Water users should pay only for the transparent costs directly associated with water delivery.
- (c) Customers should be able to negotiate the level of services they require, including non-service related costs such as environmental resource management.
- (d) The fixed charge component of water pricing should be levied on a usage basis and not allocation.

- (e) Levies for the implementation of land and water management plan programs should be incorporated as a component of water charges and levied equally on all water users in proportion to their actual usage.
- (f) Efficiencies introduced within the DLWC are to be reflected in reductions in water costs to the users.
- (g) There should be no cross subsidies between regions or to head office.
- (h) The cost of environmental measures and other external costs must be transparently reported.

4 Environmental Flows

- (a) Environmental flows be based on scientific research arising from comprehensive and accurate data developed by or in consultation with River Management Committees or appropriate valley management groups representing key stakeholders.
- (b) In determining environmental flows in a river system, due consideration and recognition is to be given to the socio-economic impact of that determination.
- (c) No additional flows are to be released for environmental purposes until such time as dams have reached a minimum of 40% of their capacity.

5 Water Management

- (a) Water management must provide for complete regional autonomy, customer involvement and the removal of cross subsidies.
- (b) Each river valley should have autonomous management and be controlled by a commercially focused Board of Directors.

6 Asset Management

The irrigation delivery and drainage infrastructure is an important national and community investment which must be protected and whose use must be optimised, with costs shared equitably amongst all stakeholders and beneficiaries.

Definitions

None

Exceptions

None

Legislation

None

Position Statement on Water POLICY – WS-CP-204



Related Documents

None

Policy History

| Revision Number | Date of Adoption/Amendment | Minute Number |
|-----------------|----------------------------|---------------|
| 1 | 8/06/99 | 346 |
| 2 | 13/07/99 | 407 |
| 3 | 14/01/03 | 25 |
| 4 | 11/05/10 | 0142 |
| | | |

Undetected Leak Policy for Water & Sewer Usage Charges | POLICY – WS-CP-209



| | | |
|-------------|--------------------------------------|------------|
| Directorate | Utilities | |
| TRIM Ref | DAKS10 - 14/15172 | |
| Status | Draft Revision for Public Exhibition | |
| Adopted | | Minute No: |

Policy Objective

To make available assistance to customers by providing some relief for significantly higher water and sewer usage accounts emanating from undetected water leaks.

Policy Statement

Council provides potable water to the boundary of a property; water that has subsequently passed through a meter service connection becomes the responsibility of that property owner. This policy is not intended to provide full compensation to customers for water and sewer usage charges as a consequence of an undetected water leak on their property. However, as an act of good faith and in the interest of good public relations, Council provides a means by which some assistance for higher usage accounts can be obtained, subject to the provisions of this policy being met.

The limit to which Council will provide assistance will be:

- A 50% reduction calculated according to the difference between the averaged water consumption for the previous corresponding six readings and the consumption recorded on the water usage account issued immediately prior to the repairs being completed, or
- A 25% reduction calculated according to the difference between the averaged water consumption for the previous corresponding six readings and the consumption recorded on the water usage account issued immediately prior to the repairs being completed for complying claims which are incomplete or inconsistent in detail.

Council will not waive interest charges accrued on unpaid water usage accounts that are subject to a claim under this policy.

Assistance will be subject to the submission of a complying claim, which must;

- Involve a significant leakage on the property. A leakage is so determined to be significant if the water usage on the account issued immediately prior to the repairs being completed is 1.5 times greater than the previous 2 years daily average consumption.
- Involve a leakage in pipelines, which are undetected. Undetected leakage is defined as occurring within pipeline breaks or connections in the ground, under slabs or within walls etc and is clearly not visible to the owner.
- Include a statutory declaration indicating that the abnormally high water usage was applicable for an undetected water leakage and acknowledgement that subsequent claims under this policy will not be accepted,

Undetected Leak Policy for Water & Sewer Usage Charges | POLICY – WS-CP-209



- Contain supporting documentation that the water leakage was repaired immediately (within 30 days of an account being issued or after the customer learnt of its existence),
- Include a statement by a licensed plumber indicating that a full check of internal plumbing has been made, the leak has been repaired and the internal plumbing system is approved in accordance with Australian Standard AS3500.

Claims will not be accepted which:

- Is the result of a second occurrence at the same property and by the same owner regardless of whether it is a related event or separate undetected leak.
- Involves a leak from an appliance, pump, hot water system etc
- are due to a change in usage pattern by the occupants
- Do not contain the documentation or meet the terms of a complying claim.

Exceptions

Nil

Legislation

Local Government Act 1993

Local Government (General) Regulations 2005

Related Documents

AS 3500 Plumbing and Drainage

Policy WS-CP-202; Water – Supply & Charges

Policy History

| Revision Number | Date of Adoption/Amendment | Minute Number |
|-----------------|----------------------------|---------------|
| 1 | 11/05/10 | 0142 |
| | | |
| | | |
| | | |

Water Supply Levels of Service

POLICY – WS-CP-210



| | | |
|--------------------|--------------------------------------|-------------------|
| Directorate | Utilities | |
| TRIM Ref | DAKS10 – 14/15171 | |
| Status | Draft Revision for Public Exhibition | |
| Adopted | | Minute No: |

Policy Objective

To define Council's minimum levels of service in relation to water supply.

Policy Statement

Council shall endeavour that the potable water reticulation system is capable of supplying the minimum flow rates and pressures as quoted in the current Griffith City Council Water & Sewerage Strategic Business plan.

Adopted Levels of Service

a) Water Supply

The targeted Levels of Service for water supply are documented below:

| Description | Unit | Level of Service |
|---|-------------------------|--|
| Service Provision | | |
| Service area | | All residential areas and industrial areas where economically viable |
| Connection time for a new service in serviced areas (90% of the time) | days | 21 |
| Availability of Supply | | |
| Fire Fighting | | |
| Compliance with the Building Code of Australia and NSW Fire Brigade requirements (for all residential, commercial and industrial areas) | % area served | 100 (urban) 70 (rural) |
| Pressure | | |
| - Min. pressure when delivering 0.1 L/s (6L/min) | Metres head | 30 (Griffith) 12 (Yenda) |
| - Max. static pressure | Metres head | 70 (Griffith) 30 (Yenda) |
| Supply | | |
| Supply in accordance with Council design standards. | L/s (throughout system) | 0.15 typically |
| Consumption Restrictions in Droughts | | |

Water Supply Levels of Service

POLICY – WS-CP-210



| Description | Unit | Level of Service |
|---|--|------------------|
| In accordance with restrictions defined in Council's Drought Management Plan & as required by the NSW Office of Water | | |
| Supply Interruptions to Consumers | | |
| Temporary supply arrangements during interruptions | | Where possible |
| Planned (95% of time) | | |
| - Notice given to domestic customers | Hours | 48 |
| - Notice given to commercial customers | Hours | 48 |
| - Notice given to major industrial customers | Days | 7 |
| Unplanned | | |
| - Maximum duration | Hours | 8 |
| - Frequency | No./ year | 80 |
| Response Times | | |
| Defined as time to have staff onsite to commence rectification after notification of problem | | |
| Supply Failure | | |
| All Customers: | | |
| - During working hours | Hours | 1 |
| - Out of working hours | Hours | 2 |
| Customer Complaint | | |
| Personal / Oral | Working Days | 1 |
| Written | Working Days | 10 |
| Note: Times apply for 95% of occasions | | |
| Service Provision | | |
| Time to provide a domestic individual connection to water supply in serviced area (90% of time) | Working days | 21 |
| Water Quality | | |
| (In accordance with the Drinking Water Quality Guidelines of Australia, NHMRC&AWRCM 2004, or as amended) | CFU/100ml | 0 |
| Sampling Frequency | CFU/100ml | 10 |
| Physical & chemical testing | In accordance with NSW Health requirements | 0 |
| Microbiological Results | | |
| Total coliforms – 95% of samples | CFU/100ml | 0 |
| Maximum in any sample | CFU/100ml | 10 |
| E.coli (in any sample) | CFU/100ml | 0 |
| Physico-chemical Parameters | | |
| Compliance with 2004 NHMRC/AWRCM Australian Drinking Water Quality Guidelines | As required by NSW Health and ADWG (Refer attached monitoring schedule) | |

Water Supply Levels of Service

POLICY – WS-CP-210



Note

Special Customers:

Certain customers may have special needs by virtue of specific health, commercial or industrial circumstances. Specific levels of service will be negotiated with these customers.

b) Sewerage

The targeted Levels of Service for sewerage are documented below:

| Description | Unit | Level of Service |
|--|--------------|--------------------------------------|
| Availability of Service | | |
| - Extent of areas serviced. | Service area | 100% within the defined service area |
| System Failures | | |
| <i>Category One:</i> | | |
| - Failure due to rainfall and deficient capacity (overflows). | No./ year | 0 |
| <i>Category Two:</i> | | |
| - Failures due to pump or other breakdown including power failure. | No./ year | 2 |
| <i>Category Three:</i> | | |
| - Failures due to main blockages and collapses (fat and tree roots). | No./ year | 150 |
| Response Times for System Failures | | |
| Defined as the maximum time to have staff on site to commence rectification | | |
| <i>Priority One:</i> | | |
| Major spill, significant environmental or health impact, or affecting large number of consumers i.e. a major main. | | |
| - Response time during working hours | Minutes | 30 |
| - Response time after hours | Minutes | 60 |
| <i>Priority Two:</i> | | |
| Moderate spill, some environmental or health impact, or affecting small number of consumers i.e. other mains | | |
| - Response time during working hours | Minutes | 30 |
| - Response time after hours | Minutes | 60 |
| <i>Priority Three:</i> | | |
| Minor spill, little environmental or health impact, or affecting a couple of consumers | | |
| - Response time during working hours. | Hours | 1 |
| - Response time after hours. | Hours | 2 |

Water Supply Levels of Service

POLICY – WS-CP-210



| Description | Unit | Level of Service |
|--|----------------------|------------------|
| Response Times for Complaints | | |
| General Complaints and Inquiries: | | |
| Written complaints | Working days | 5 |
| Oral complaints | Working days | 1 |
| <i>Note: times for 95% of complaints.</i> | | |
| Odour Complaints | | |
| Treatment works | No./ year | <2 |
| Pumping Stations | No./ year | <4 |
| Effluent Discharge and Sludge Management | | |
| Failure to meet licence limits and statutory requirements (100 percentile) | No. of samples/ year | 0 |

Related Documents

Current Griffith City Council Water & Sewerage Strategic Business Plan

Policy History

| Revision Number | Date of Adoption/Amendment | Minute Number |
|-----------------|----------------------------|---------------|
| 1 | 11/05/10 | 0142 |
| | | |
| | | |
| | | |

Water – Urban Water Tanks

POLICY – WS-CP-211



| | | |
|-------------|--------------------------------------|------------|
| Directorate | Utilities | |
| TRIM Ref | 13/3522 | |
| Status | Draft Revision for Public Exhibition | |
| Adopted | | Minute No: |

Policy Objective

To define Council's requirements in relation to the installation and plumbing of rainwater, potable or non-potable water tanks in urban areas where a Council potable water supply is available.

Policy Statement

Water tanks may be used for the collection of rainwater or as a storage vessel where the Council water supply does not meet the customer's pressure and flow requirements. Care needs to be taken to ensure that these tanks do not contaminate the potable water supply.

Plumbing for water tanks shall be in accordance with Sections 8 and 14 of *AS/NZS 3500.1 – Plumbing and Drainage* and the additional provisions as provided in the *Plumbing Code of Australia*.

All tanks that are topped up with a potable water supply are categorised as a break tank and must be registered with Griffith City Council. Where testable backflow devices are required they shall also be registered with Council. Refer to Council's policy, *Backflow Protection*.

Tanks that are topped up or filled with either Council's potable or non-potable water supplies are subject to water restrictions imposed by Council.

Tank overflows shall drain to an approved storm water collection point.

Refer to Council policy, *Construction near Water & Sewerage Assets*, where it is proposed to install a tank over Council's water or sewerage assets.

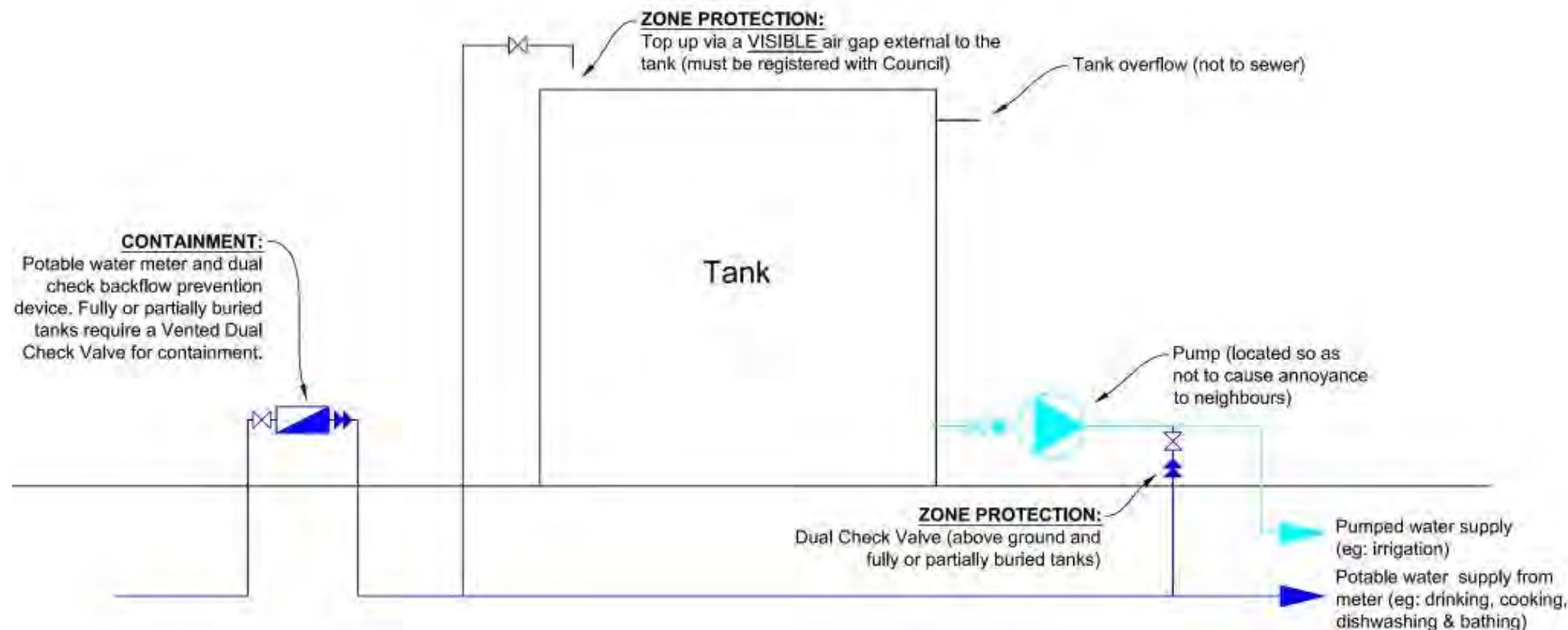
Tanks and associated installations shall not adversely impact on neighbouring properties in terms of size, design, style, height and location. Pumps shall be installed so that noise shall not cause annoyance to neighbours.

Water tanks are to comply with the criteria given in *State Environmental Planning Policy (Exempt and Complying Development Codes) 2008* or Development Consent is to be obtained from Council prior to installation.

Maintenance and the quality of the water supplied from a tank are the responsibility of the property owner, not Council.

Where rainwater tanks are to be used, it is Council's preference that the potable water supply be used for drinking, cooking, dishwashing and bathing. However, should consumers wish to use rainwater for these purposes they should be aware of the advice given in *NSW Health Guideline_GL2007_009 – June 2007*.

FIG 1: ABOVE GROUND OR FULLY / PARTIALLY BURIED TANK WHERE POTABLE WATER IS STORED AND PUMPED



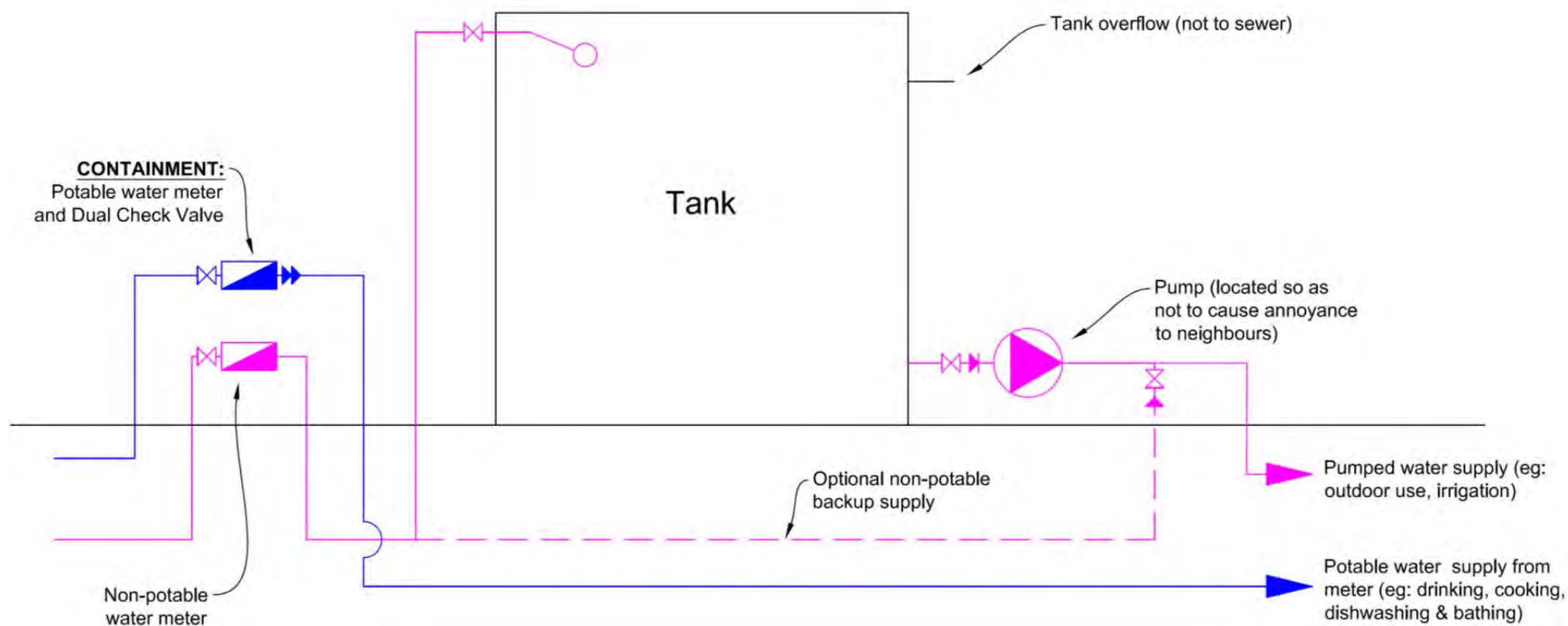
This installation above would typically be used where the Customer is looking to improve the flow rate for outdoor use. The potable water top up must be via an external and visible air gap and must also be registered with Council. It is Council's preference that the water supply for drinking, cooking, dishwashing and bathing is directly connected to the potable water meter.

Water – Urban Water Tanks

POLICY – WS-CP-211



FIG 2: ABOVE GROUND OR FULLY / PARTIALLY BURIED TANK WHERE NON- POTABLE WATER IS STORED AND PUMPED AND A POTABLE WATER METER IS INSTALLED

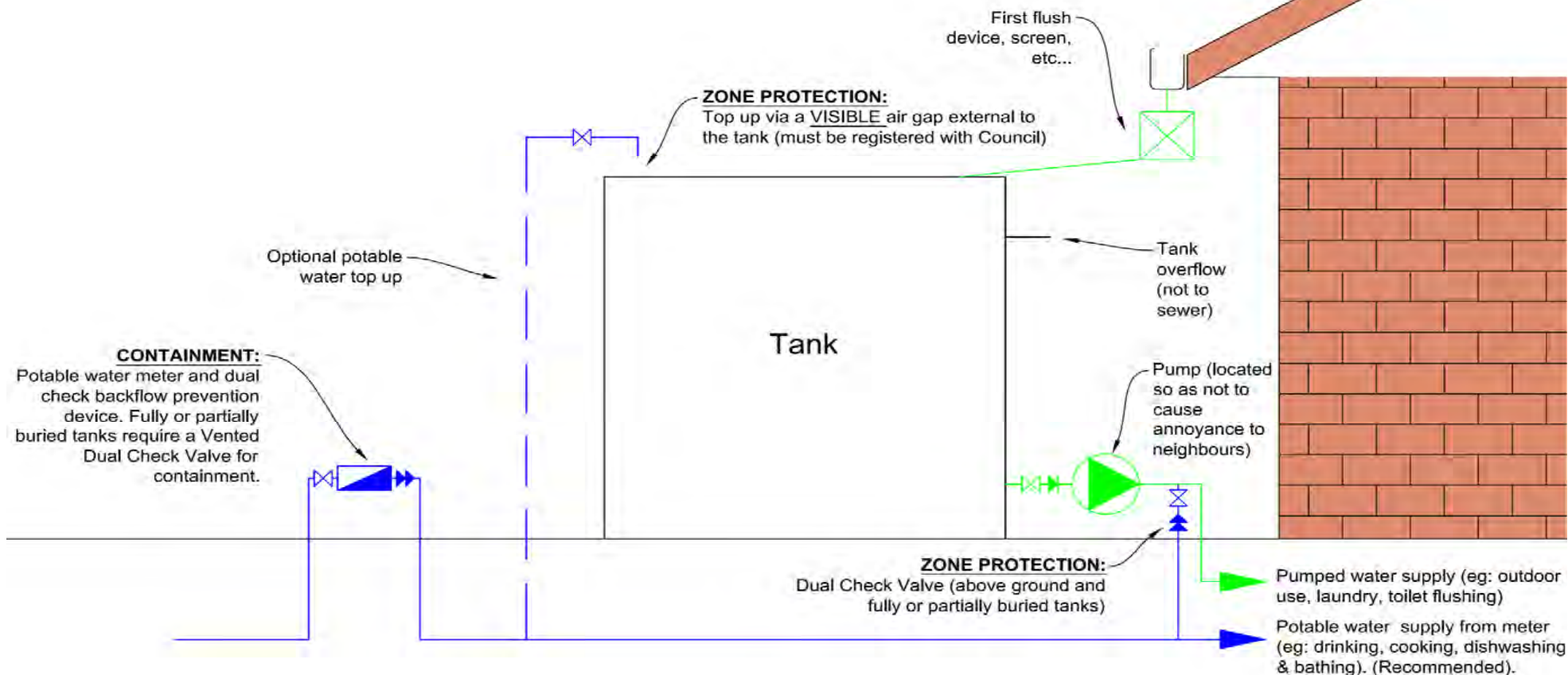


This installation above would be used where a customer has both a non-potable and a potable water supply and wants to improve the non-potable water supply flow rate for outdoor use. A dual check valve is required at the potable water meter for containment protection.

Water – Urban Water Tanks

POLICY – WS-CP-211

FIG 3: ABOVE GROUND OR FULLY / PARTIALLY BURIED TANK WHERE RAINWATER IS COLLECTED AND PUMPED (OPTIONAL POTABLE WATER TOP UP SHOWN)



The installation relates to where rainwater is used for laundry, toilet flushing or outdoor use. The diagram shows an optional potable water supply top up. Where top up is via a non-potable water supply, refer to the non-potable water tank installation diagram.

Water – Urban Water Tanks

POLICY – WS-CP-211



Definitions

None

Exceptions

None

Legislation

None

Related Documents

NSW Plumbing and Drainage Code of Practice 3rd Edition 2006

AS/NZS 3500

NSW Health Guideline - GL2007 - 009 – June 2007

State Environmental Planning Policy (Exempt and Complying Development Codes) 2008

Rainwater Tank Design and Installation Handbook – Nov 2008

Australian Drinking Water Guidelines 2004

Council Policy 715 - Backflow Protection

Council Policy 85 - Construction near Water & Sewerage Assets

Policy History

| Revision Number | Date of Adoption/Amendment | Minute Number |
|-----------------|----------------------------|---------------|
| 1 | 11/05/10 | 0142 |
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Recycled Wastewater POLICY | WS-CP-212



| | | |
|-------------|-------------------|-----------------|
| Directorate | Utilities | |
| TRIM Ref | DAKS10 – 14/15169 | |
| Status | Public Exhibition | |
| Adopted | 28/05/2013 | Minute No: 0174 |

Policy Objective

1. To provide an organisation commitment to the safe and sustainable management of recycled water.
2. To provide a basis for the development and operation of recycled water management schemes involving Griffith City Council's wastewater system and treatment facilities.

Policy Scope

This policy details the requirements on Griffith City Council (GCC) when planning, designing, constructing and dealing with recycled water systems.

This policy only relates to any recycled water system from Council's sewage system and treatment facilities that require a Section 60 approval from New South Wales Office of Water (NoW).

Policy Statement

Recycled wastewater is increasingly being recognised as a valuable resource in urban water cycle management. There are two distinct applications for the beneficial use of recycled water.

The first is providing an additional (or dual) supply of high quality water in uses where drinking (potable) water is not required such as toilet flushing and watering of gardens. The use of recycled water in these applications can directly reduce demand on natural water supplies. Recycled water schemes such as these (commonly called third or purple-pipe) in new sub-divisions are increasingly being considered and often require increased treatment and disinfection of recycled water to protect public health.

The second type of application is minimising the release of recycled water to the environment by using high quality recycled water for non-potable purposes such as concrete floor washing, vehicle washing, usage during construction works such as road, buildings and applying it to land via irrigation for agriculture, playing fields and other open spaces. Land application schemes have been in place for many years in Australia.

Griffith City Council's aim is to encourage recycled water usage wherever technically and economically feasible and socially and environmentally justifiable. Griffith City Council supports the responsible use of recycled water and application of a risk management approach that consistently meets Australian Guidelines for water recycling, as well as appropriate regulatory requirements.

Both public health and environmental risks need to be considered in the planning, design, construction and operation of these schemes.

A range of State and Federal Government guidelines have been developed to assist water authorities in the development and management of recycled water schemes. A well-defined policy, development and management framework will be essential in gaining NSW Government (Section 60 Approval) and community approval/support for new schemes.

Recycled Water Management Policy

Griffith City Council will **responsibly** manage recycled water by:

- Ensuring that protection of public health, environment and water resources are of prime importance;
- Working with our employees, the Griffith City community, regulators and other stakeholders to ensure recycled water schemes are planned, designed, constructed and operated consistent with industry best practices.
- Adopting a risk management approach to ensure that potential risks are made explicit, understood, managed and accepted by customers and other stakeholders.
- Regular monitoring and reporting of control measures and recycled water quality to promote confidence in recycled water supply and its management.
- Maintaining and enforcing Council's trade waste policy to protect the quality of recycled water produced.
- Ensuring that Council's staff are appropriately trained, and users of recycled water are educated in the safe and efficient operation of recycled water schemes.
- Ensuring that recipients of recycled water are trained and/or educated in the safe and efficient use of the water.
- Promoting community participation in decision-making processes and the ensuring that community expectations are considered.
- Promoting the use of recycled water within Griffith City Council and the types of recycled water activities that can be safely and appropriately undertaken.

Griffith City Council will **sustainably** manage recycled water by:

- Ensuring schemes proposed are consistent with Griffith City Council's long-term strategic plans.
- Giving due consideration to all relevant Griffith City Council policies throughout the life cycle of a recycled water scheme.
- Assessing all proposed schemes and initiatives consistent with Council's sustainability framework.
- Reporting regularly to stakeholders on the activities of our recycled water supply.

Aiming to recognise and capture the economic value of recycled water over the long term by applying appropriate cost recovery principles in line with Government policies. This will include recognition that some recycled water schemes in Australia had substantial capital investment to use recycled water compared with other sources.

- Agreeing to the level of service to be provided with users of a recycled water scheme as part of the process of formulating agreements with end-users of recycled water.
- Promoting the efficient use of recycled water products including restricting nonessential demand during periods of drought or restriction of supply if required.
- Continuing to substitute recycled water supplies for potable water where appropriate.

Implementation

Griffith City Council will **support** this Policy by:

- Maintaining robust guidelines for assessing and developing new recycled water schemes.
- Implementing appropriate operations and management procedures for all recycled water schemes.
- Reporting on outcomes of its recycled water management schemes.

Access and Consumption Charges

There will be charges - Access and Consumption charges shall be set annually in Council's fees and charges.

Review

The Recycled Wastewater Policy and associated development guidelines will be reviewed on a periodic basis and particularly where new guidelines and/or management information dictates.

Application of Sustainability Principles

The policy will permit the conservation of the potable water resource allowing more water to remain in the environment

Definitions

GCC – Griffith City Council

Recycled Water – Water Generated from sewage and treated to a standard that is appropriate for its intended use.

Risk Management – The systematic evaluation of the recycled water supply system, the identification of hazards and hazardous events, the assessment of risks (likelihood and consequence of a hazard causing harm) and the development and implementation of preventive strategies to manage the risks.

Exceptions

None

Legislation

Local Government Act 1993 – Section 60

Related Documents

This is a policy document only and is supported by the following guidelines that pertain to the design and management of recycled water schemes:

- Australian Guidelines for Water Recycling: Managing Health & Environmental Risk (Phase1) (Natural Resource Management Ministerial Council and EPHC, 2006)
- Australian Guidelines for Water Quality Monitoring and Reporting (ANEC 2000)
- Sewerage Code of Australia (WSAA, 2002)
- Environmental Guidelines: Use of Effluent by Irrigation (NSW DEC, 2004)

Griffith City Council:

- Water Strategic Business Plan
- Water Efficiency Strategy
- Sewerage Strategic Business Plan
- Integrated Water Cycle Management Plan

Policy History

| Revision Number | Date of Adoption/Amendment | Minute Number |
|-----------------|----------------------------|---------------|
| 1 | 28/05/2013 | 0174 |
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Discharge of Liquid Waste into Griffith City Council's Sewerage System

POLICY – WS-CP-302



| | | |
|-------------|--------------------------------------|------------|
| Directorate | Utilities | |
| TRIM Ref | 13/3569 | |
| Status | Draft Revision for Public Exhibition | |
| Adopted | | Minute No: |

Policy Objective

The objectives of this policy are:

- to protect public health
- to protect the health and safety of the council's employees
- to protect the environment from the discharge of waste that may cause detrimental effect
- to protect council assets from damages
- to assist Council to meet its statutory obligations
- to provide an environmentally responsible liquid waste management service to the non-residential sector
- to encourage waste minimisation and cleaner production in the commercial and industrial sectors
- to promote water conservation, water recycling, and biosolids reuse
- to ensure compliance of liquid trade waste discharge with the approved conditions
- provide operational data on the volume and composition of industrial and commercial effluent to assist in the operation of the sewerage system and the design of augmentations or new sewerage systems.
- to provide a financial incentive for waste minimisation
- to ensure commercial provision of services and full cost recovery through appropriate sewerage and liquid trade waste fees and charges.

Policy Statement

Preamble

Wastes generated by industry, small businesses, commercial enterprises, etc. are often referred to as trade waste. This policy is concerned with liquid wastes discharged into the sewer.

Sewerage systems generally are designed to cater for waste from domestic sources which are essentially of predictable strength and quality. Trade wastes, by comparison, may exert greater demands on sewerage systems and, if uncontrolled, can cause serious problems to a sewerage scheme or the environment.

Purpose of Policy

This policy sets out how Griffith City Council will regulate sewerage and trade waste dischargers to its sewerage system in accordance with the NSW Framework for Regulation of Sewerage and Trade Waste. This policy is concerned with the approval, monitoring, and enforcement process for liquid trade wastes discharged to Council's sewerage system.

It has been developed to ensure the proper control of liquid trade waste and hence protection of public health, worker safety, the environment, and Council's sewerage system. This policy also promotes waste minimisation, water conservation water recycling and biosolids reuse.

Sewerage systems are generally designed to cater for waste from domestic sources that are essentially of a predictable strength and quality. Council may accept trade waste into its sewerage system as a service to businesses and industry.

Liquid trade wastes may exert greater demands on sewerage systems than domestic sewage and, if uncontrolled, can pose serious problems to public health, worker safety, Council's sewerage system, and the environment.

A person wishing to discharge liquid trade waste to the sewerage system must, under section 68 of the *Local Government Act 1993*, obtain the prior approval from Council. Discharging liquid trade waste without an approval is an offence under section 626 of the Act.

The procedure for approval is governed by Chapter 7 of the Local Government Act and is subject to the *Local Government (General) Regulation 2005*.

Under clause 28 of the Local Government (General) Regulation, Council may grant an approval under section 68 of the Act to discharge waste (whether treated or not) into a sewer of the Council unless the Director-General of the Department of Environment, Climate Change and Water (DECCW) has

- concurred with the approval; or
- given Council notice that concurrence may be assumed with such qualifications and conditions that may be specified in the notice.

The "Guideline for the Policy for the Discharge of Liquid Trade Waste into Griffith City Council's Sewerage System" comprises three parts:

Part 1 specifies the circumstances in which a person is exempt from the necessity for an approval to discharge liquid trade waste to Council's sewerage system.

Part 2 specifies the criteria, which the Council will take into consideration in determining whether to give or refuse a liquid trade waste approval.

Part 3 specifies the framework for regulation of liquid trade waste approvals, including the NSW Framework for the Regulation of Sewerage and Trade Waste. Alignment with the National Framework for Wastewater Source Management application procedures, liquid trade waste discharge categories, liquid trade waste services agreements, monitoring of liquid trade waste discharges, modification or revocation of approval, prevention of waste of water and contaminated stormwater discharges from open areas.

The "Guideline for the Policy for the Discharge of Liquid Trade Waste into Griffith City Council's Sewerage System" is a separate document and is available from Council's Utilities Directorate.

Definitions

Liquid Trade Waste: all liquid waste other than sewage of a domestic nature.

Exceptions

None

Legislation

Local Government Act 1993

Local Government (General) Regulation 2005 (Regulation)

Related Documents

Guideline for the Policy for the Discharge of Liquid Trade Waste into Griffith City Council's Sewerage System

Policy History

| Revision Number | Date of Adoption/Amendment | Minute Number |
|------------------------|-----------------------------------|----------------------|
| 1 | 26/09/95 | 773 |
| 2 | 15/05/00 | 307 |
| 3 | 14/01/03 | 25 |
| 4 | 11/05/10 | 0142 |
| 5 | 08/03/11 | 0063 |
| 6 | Workshopped 18/2/14 | |

Pressure Sewerage POLICY – WS-CP-303



| | | |
|--------------------|--------------------------------------|-------------------|
| Directorate | Utilities | |
| TRIM Ref | 13/3600 | |
| Status | Draft Revision for Public Exhibition | |
| Adopted | | Minute No: |

Policy Objective

To define the design, construction, maintenance and operation of pressure sewer systems within the Griffith City Council's area.

Policy Statement

The design, construction, maintenance and operation of pressure sewer systems shall be in accordance with the Griffith City Council Pressure Sewerage Technical Specifications, 2006.

Definitions

Not applicable

Exceptions

Not applicable

Legislation

Local Government Act 1993

Local Government (General) Regulations, 2005.

Related Documents

Griffith City Council Pressure Sewerage Technical Specifications
Pressure Sewer Home Owner's Manual
AS2128

Policy History

| Revision Number | Date of Adoption/Amendment | Minute Number |
|------------------------|-----------------------------------|----------------------|
| 1 | 11/05/10 | 0142 |
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Council's Responsibility – Water and Sewerage Services

POLICY – WS-CP-501



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| Directorate | Utilities | |
| TRIM Ref | 13/3603 | |
| Status | Draft Revision for Public Exhibition | |
| Adopted | | Minute No: |

Policy Objective

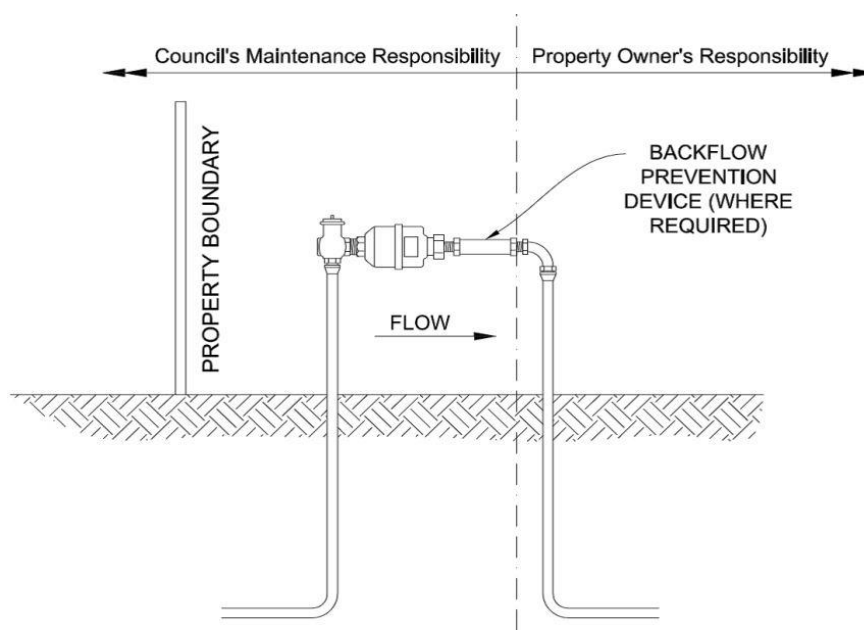
To define Council's and property owner's maintenance responsibilities in relation to the supply of water and sewerage services.

Policy Statement

(1) Water services

Once payment of the relevant fees and approval has been given, Council shall provide, or arrange a contractor to provide, the water service connection from Council's water main for a distance up to 30 metres. If Council determines that a water service connection requires an extension beyond 30 metres to ensure the water meter assembly can be located in a safe location, Council shall carry out the appropriate work and the property owner shall bear the additional cost of the water service extension. Payment for such work must be paid as per the price quoted by Council prior to works commencing.

Council's maintenance responsibility of a water service ceases at the outlet of a water meter or the outlet of a backflow prevention device that has been fitted to a water meter by Council staff.



STANDARD WATER METER ASSEMBLY
(METER LOCATED IN PROPERTY)

Council shall perform all water meter upsizing, downsizing and relocations only where the appropriate forms have been completed, approved and all fees and charges have been paid.

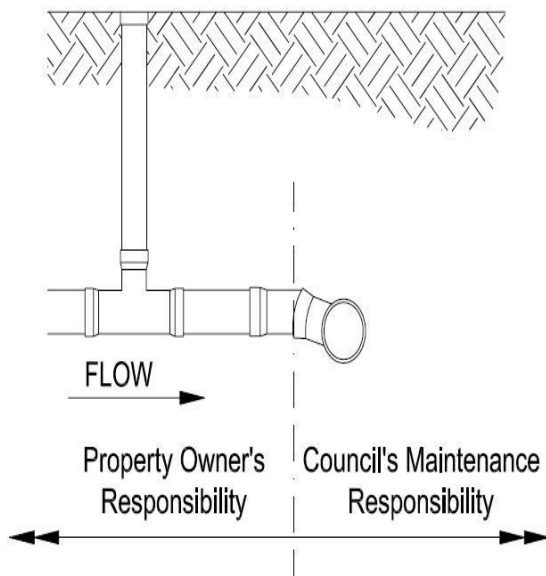
Faulty meters shall be replaced at no cost to the customer. A water meter is determined faulty if:

- accuracy is outside +/- 3 %
- is leaking
- is noisy
- has stopped or
- has been vandalised

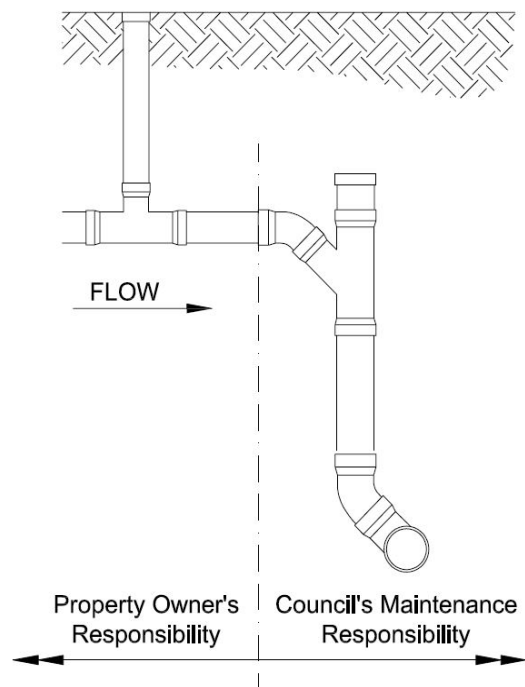
Where damage to a water meter, backflow prevention device or associated pipework has been caused by the owner's (or owner's representatives) actions, all costs associated with the repair shall be passed onto the customer.

(2) Sewer connections

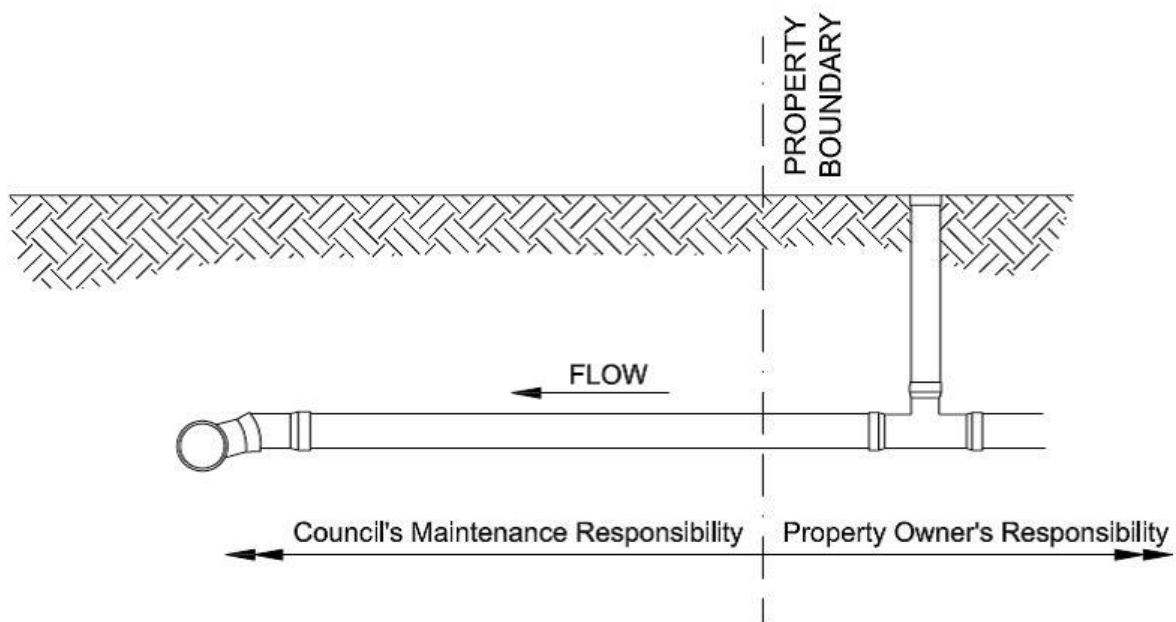
Where Council's gravity sewer main is not located within the property, Council is responsible for providing and maintaining a 150mm sewer connection from Council's sewer main to the property boundary. If the gravity sewer main is located within the property, Council is responsible for providing and maintaining a 150mm sewer connection. These connection points shall not be greater than 1.5 metres in depth and Council's maintenance responsibility includes any associated pipe and fittings required to raise the connection depth to 1.5 metres.



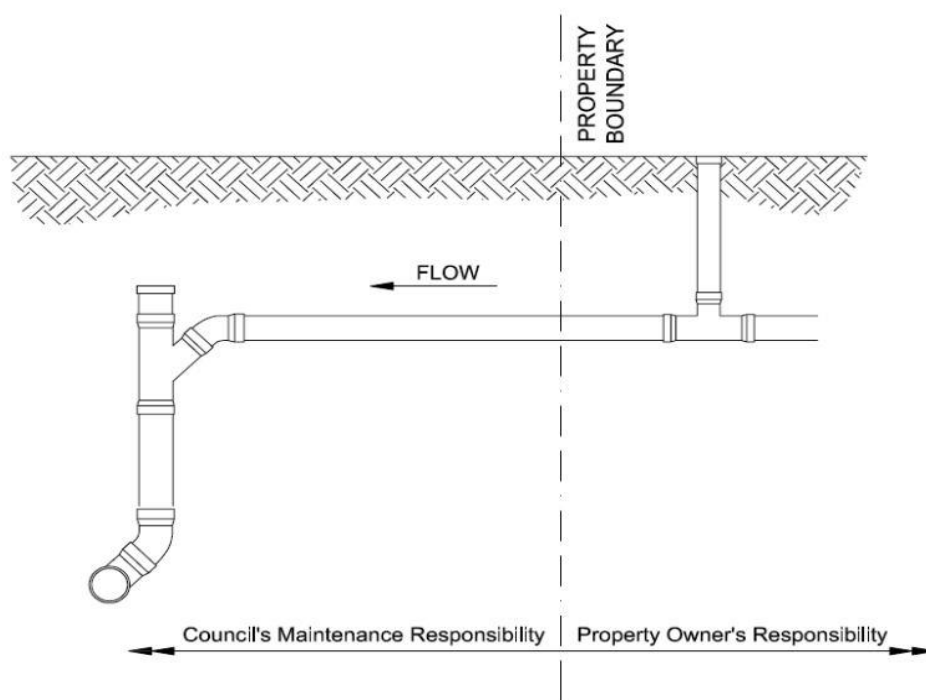
**GRAVITY SEWER STANDARD
CONNECTION - ELEVATION**
(SEWER MAIN LOCATED IN PROPERTY)



**GRAVITY SEWER DEEP
CONNECTION - ELEVATION**
(SEWER MAIN LOCATED IN PROPERTY)



**GRAVITY SEWER STANDARD
CONNECTION - ELEVATION**
(SEWER MAIN NOT LOCATED IN PROPERTY)



**GRAVITY SEWER DEEP
CONNECTION - ELEVATION**
(SEWER MAIN NOT LOCATED IN PROPERTY)

Where pressure sewerage technology is employed, Council is responsible for the maintenance of the pressure sewerage boundary kit. Once the associated tank, pump/s, control panel and pipe work have been installed, Council shall also become responsible for the maintenance of these items. Refer to the pressure sewerage policy.

Where maintenance work on Council's sewer is required and such work interferes with and/or requires alteration to private property, restoration to the private property will be carried out as far as possible to the original condition or by mutual agreement with the owner to some alternate condition. Where Council determines that maintenance or repair work on a sewer was caused by or impeded by owner actions or omissions or a building structure over the inspection outlet, full restoration and associated costs are to be borne by the property owner.

Definitions

Nil

Exceptions

Nil

Legislation

Local Govt Act 1993

Water Management (Water Supply Authorities) Regulation 2004

Related Documents

GCC policy – Backflow Prevention

GCC policy – Supply and Charges

GCC policy - Pressure Sewerage

GCC policy - Construction Near Water & Sewerage Assets

AS/NZS 3500 – Plumbing & Drainage

Policy History

| Revision Number | Date of Adoption/Amendment | Minute Number |
|------------------------|-----------------------------------|----------------------|
| 1 | 11/05/10 | 0142 |
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| Directorate | Utilities | |
| TRIM Ref | 14/13463 | |
| Status | Final - Adopted | |
| Adopted | 10 December 2013 | Minute No: 0408 |

Policy Objective

To protect the Council's interest should problems arise following the construction or placement of a building or structure over or within the zone of influence of a Council water and sewerage asset.

Policy Statement

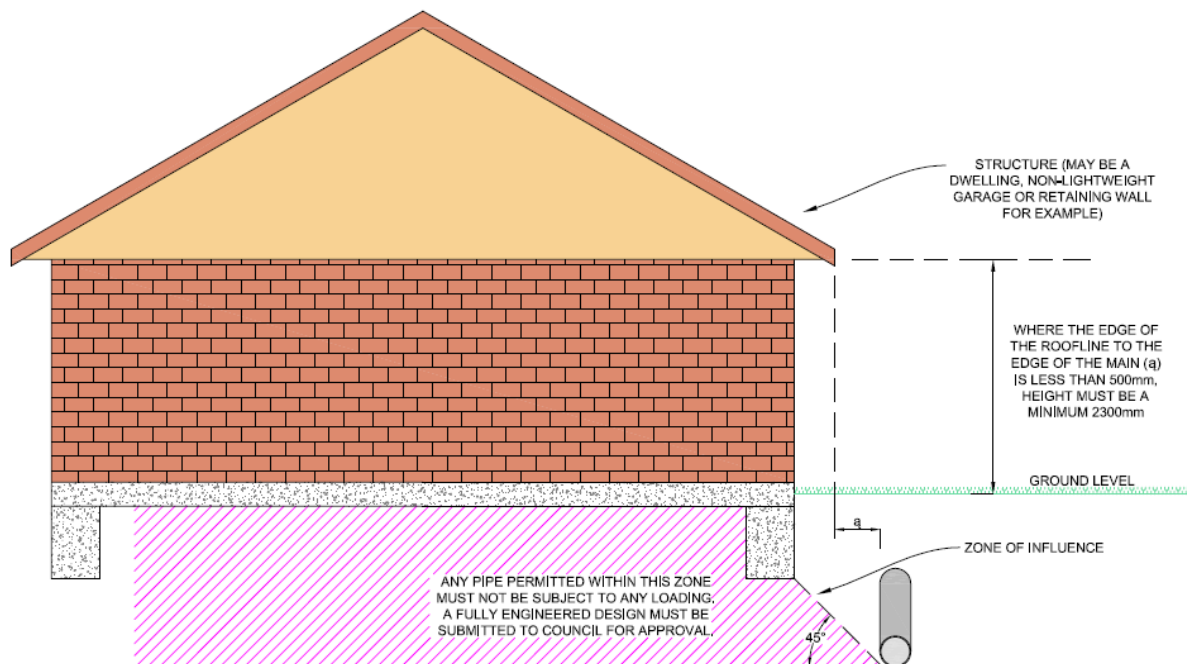
Council may allow modifications to or construction over or near its water or sewerage assets where it has been determined that the block is restricted by unusual site constraints which would impact normal development. Construction over or near a water or sewerage asset must be considered as a last resort.

The following must be considered in the following order of priority when designing a structure near a Council asset:

- Option 1: Relocation of the structure;
- Option 2: Relocation of the Council asset;
- Option 3: Building over / near the asset.

Where options 1 and 2 have been exhausted and option 3 is the only remaining alternative, the following conditions apply:

- 1) Property owners are required to indemnify Council and create an easement or caveat in favour of Council.
- 2) Council may require the asset/s to be renewed and the renewal to be approved by Council prior to any construction works commencing at the property owners expense.
- 3) All structures, except inground swimming pools (refer clause 4 for inground swimming pools), may be constructed near an asset. The following conditions shall apply:
 - a) The property owner must engage a suitably qualified and experienced Engineer for a design for approval from Council.
 - b) No loading from the structure shall be exerted within the zone of influence and the invert of the asset. Refer to Fig. 1.
 - c) No piercing is permitted within 1 metre of the main.
 - d) Where the edge of the Council asset to the edge of the roofline is less than 500mm, the height of the roof must be at least 2300mm. Refer to Fig. 1.



**FIG. 1 - ZONES REQUIRING ENGINEERED DESIGN -
ALL STRUCTURES EXCEPT SWIMMING POOLS**

- 4) An inground swimming pool is not to be constructed within the zone of influence from the top of the pool. Refer to Fig. 2.

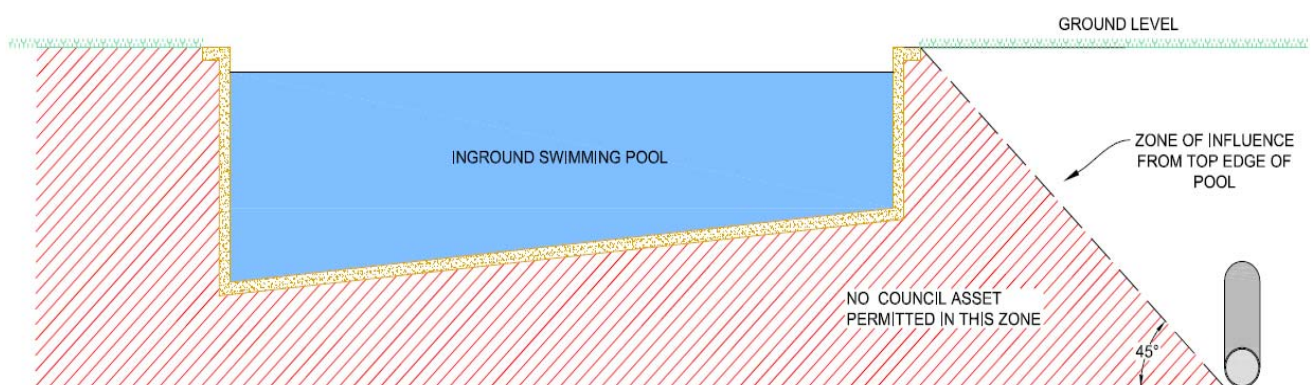


FIG. 2 - PROHIBITED ZONES - INGROUND SWIMMING POOLS

At the request of Council, the land owner is to completely drain all the water from the inground pool so as to reduce the loading on soil surrounding the sewerage main. The land owner is responsible for all costs associated with draining and refilling the pool once Council has completed any required works to the sewerage asset.

- 5) Lightweight structures are permitted to be constructed over an asset providing that there is no less than 600mm cover over the asset. Refer Fig. 3.

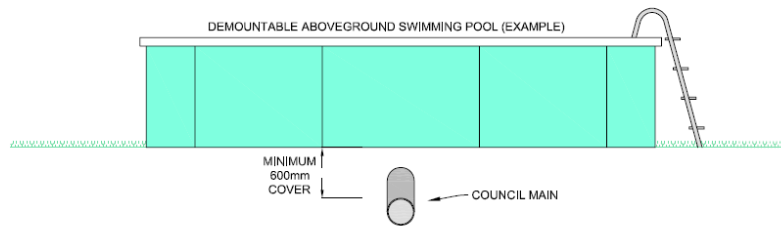
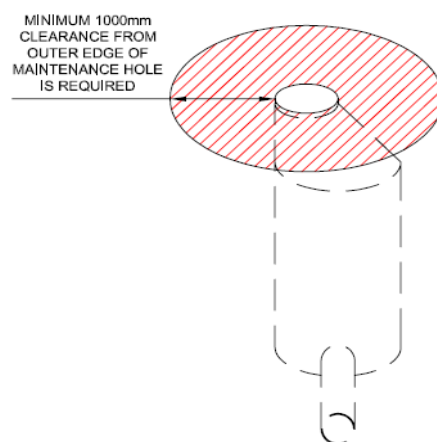


FIG. 3 - LIGHTWEIGHT STRUCTURES

- 6) A minimum 1 metre clearance is required from the outer edge of the top of a gravity sewer maintenance hole. Refer Fig. 4



**FIG.4 - MINIMUM CLEARANCES -
SEWER MAINTENANCE HOLES**

- 7) A minimum 1 metre clearance is required around Councils maintenance responsibilities for a sewer property connection. Refer to Fig. 5 and the policy 'Council Responsibility – Water and Sewerage Services'.

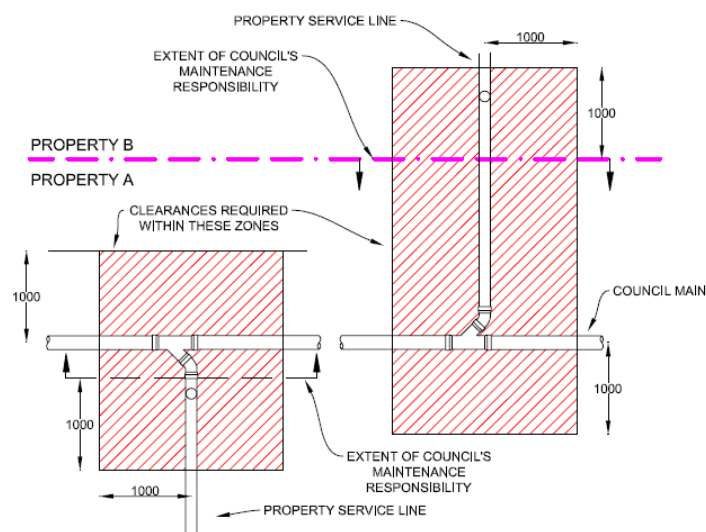
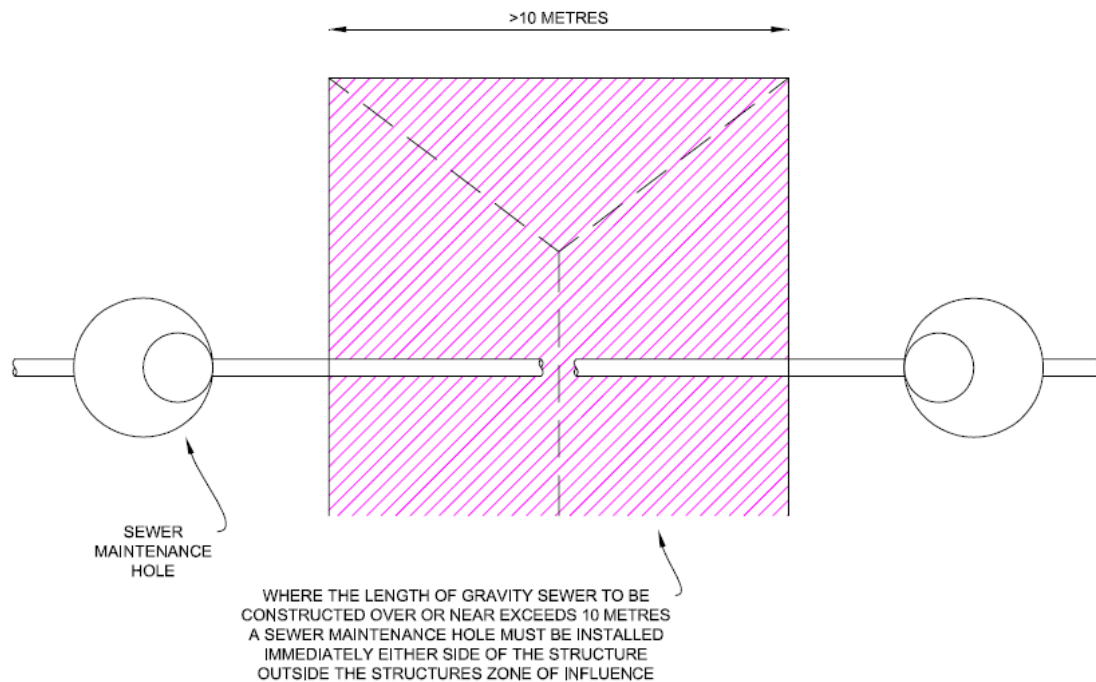


FIG 5 - MINIMUM CLEARANCES - GRAVITY SEWER CONNECTIONS
(ALSO APPLIES TO PRESSURE SEWER CONNECTIONS)

- 8) Construction must not cover a length greater than 10 metres of a gravity sewerage main. This may be extended up to a maximum of 80m when maintenance holes placed immediately either side of the structure outside the structures zone of influence. Refer Fig. 6.



**FIG 6 - STRUCTURES OVER/NEAR A GRAVITY
SEWER MAIN EXCEEDING 10 METRES**

- 9) Concrete encasing will not be considered.
- 10) Where concrete slabs are constructed over or near an asset, a full depth joint in the concrete must be included 1 metre either side of the asset.

Any damage to a water or sewerage asset is to be promptly reported to Council. The costs for repairs shall be responsibility of the property owner or the negligent party.

Where Council is aware of future expansion of its water and sewerage services, the property affected must take into consideration all relevant matters mentioned above when planning new developments.

Definitions

Water or sewerage asset:

Infrastructure concerned with the supply of water and sewerage services, owned and maintained by Council. Examples are: gravity sewer mains, sewer maintenance holes, pressure sewerage mains and water mains and associated fittings.

Structure:

A building that is unable to be removed without the need for total or partial demolition. This may be a residence, non-lightweight garage or shed or a retaining wall.

Light weight building or structure:

Includes structures such as demountable aboveground swimming pools and rainwater tanks that are able to be removed via manual handling and buildings up to 60m² in floor area constructed as portal frame or similar with bolted base connections, able to be removed using machinery without the need for partial or total demolition.

Exceptions

Any proposed variations to this policy will be considered on its merits following receipt of a formal written application and justification.

Legislation

Local Government Act 1993 – Section 59A

Local Government (General) Regulation, 2005, Reg. 18-23

Related Documents

None

Policy History

| Revision Number | Date of Adoption/Amendment | Minute Number |
|-----------------|----------------------------|---------------|
| 1 | 24 Apr 1990 | 0 |
| 2 | 22 Dec 1992 | C873 |
| 3 | 14 Jan 2003 | 25 |
| 4 | 11 May 2010 | 0142 |
| 5 | 13 Aug 2013 | 0255 |
| 6 | 10 Dec 2013 | 0408 |