PUBLIC VERSION

POLLUTION INCIDENT RESPONSE MANAGEMENT PLAN (PIRM Plan)

GRIFFITH WATER RECLAMATION PLANT AND RETICULATION SYSTEM (GWRP)

(EPA Licence No. 1604)

YENDA SEWERAGE TREATMENT PLANT AND RETICULATION SYSTEM (YSTP)

(EPA License No. 1402)

Approved by: Director Utilities	**Group:** Water & Sewerage	**Document ID: (WS-PR-302)**	**Version:** 13
Issued: August 2012	**Revised:** 30 June 2025	**Status:** Current	**Pages**: 40

PIRMP Review and Amendment Register

Date	Versio	Amendment details	Authorised by:	Chang ed by:	Test/ Incident	PIRMP Updated	Post Incident Update	Updates Distributed	Next Update
17/9/12	1	Document created	DT	PP					
12/2/16	2	Update Contacts and document references	GG	MW					
12/2/16	-	Desktop Trial PIRMP	-	-	12/2/16				
17/2/16	3	Update chemical register	GG	MW					
29/7/17	-	Desktop Trial PIRMP	-	-	29/7/17	28/8/17			
28/8/17	4	Updated PIRMP document	NN	VA					
15/2/18	5	Updated PIRMP document	NN	VA					
21/06/18	6	Updated PIRMP document	GG	VA	21/6/18	25/6/18		12/9/18	June 2019
20/6/19	7	Updated PIRMP document	GG	KC	13/6/19	30/6/19		22/7/19	June 2020
30/6/20	8	Updated PIRMP document	NN	KC	16/6/20	30/6/20		12/8/20	June 2021
30/6/21	9	Updated PIRMP document	NN	KC	9/6/21	30/6/21		7/7/21	June 2022
30/6/2022	10	Updated PIRMP document	NN	KC	26/4/22	30/6/22		30/6/22	June 2023
30/6/2023	11	Updated PIRMP document	NN	KC	2/5/23	30/6/23		16/5/23	June 2024
30/06/2024	12	Updated PIRMP document	NN	KC	4/6/24	30/6/24		30/6/24	June 2025
30/6/2025	13	Updated PIRMP document	NN	KC	5/5/25	30/6/25		30/6/25	June 2026

* Please refer to CY190 for full details of incident simulations.

A copy of this PIRMP document is to be located at the following sites:

- Griffith Water Reclamation Plant GWRP
- Yenda Sewerage Treatment Plant YSTP
- Depot office (Water & Wastewater Coordinators office)
- G1 office
- Water & Wastewater Managers office
- Electronic: On-call staff I pads – 3 staff members
- Electronic: Uploaded to Council website – Public Version Only

CONTENTS

1 POLLUTION INCIDENT RESPONSE PLAN

1.1 INTRODUCTION

This plan has been developed to document the processes required to prepare for and respond to pollution incidents for the Griffith Wastewater Reclamation Plant (GWRP) (EPA Licence No. 1604), Yenda Sewerage Treatment System (YSTP) (EPA Licence No. 1402) and associated reticulation to ensure that hazards to the environment, human health and safety are reduced, if not eliminated. It has been prepared in accordance with the requirements of the Protection of the Environment Operations Act 1997 and Protection of the Environment Operations (General) Regulation 2009.

1.1.1 Scope

This Pollution Incident Response Management Plan applies to Griffith WRP (EPA Licence No. 1604) and sewer reticulation system as well as Yenda STP (EPA License No 1402), Bilbul sewerage system and sewer reticulation system.

For site plans, refer to ***Appendix 2.4 to 2.6***

1.2 POLLUTION INCIDENT RESPONSE MANAGEMENT PLAN

The city of Griffith is serviced by approximately 250km of sewer mains and 32 pump stations which transfers sewage to the Griffith WRP. Griffith WRP treats approximately 6,500kL of sewage daily in dry weather.

The village of Yenda is serviced by approximately 6.7km of gravity sewer mains, 5.3km of rising sewer mains and **3** pump stations which transfers sewage to the Yenda STP. Yenda STP treats approximately 250kL of sewage daily in dry weather.

During sewage transport & treatment, chemicals and by-products are used which, if they are spilt or incorrectly managed, may contaminate the environment or threaten human health.

A register of the chemicals used is available on-site (Water & Sewer – Dangerous and Hazardous Goods Register –Safety Data Sheets folder) or in HP Content Manager No. 14/1248 (click on the required site tab at the bottom of the page). These documents are updated monthly. Sewer Retic is now on Chem Watch and the SDS are updated daily. A copy of the Register is included in Appendix 2.

1.2.1 Potential Incidents

The potential hazards to the environment include:

- Sewage overflow (raw or partially treated) – potentially caused by:
  - Storms (lightning/heavy rainfall/wind) causing power failure or infrastructure damage
  - Reticulation blockages
  - Damage to reticulation (contractors or other damage during excavations, etc.)
  - Infrastructure failure due to age
  - SCADA/Communications failure
  - Excessive flows
  - Mechanical break down
  - Power outage
  - Treatment plant failure
- Chemical spill – potentially caused by:
  - Tank/storage failure
  - Delivery incident
  - Damage to chemical reticulation
  - Vandalism
  - Inappropriate chemical use
  - Bund failure

A detailed assessment of risks is provided in Appendix 3 – RISK ASSESSMENT AND ACTIONS. For details on actions to reduce risks see 1.6 PRE-EMPTIVE MEASURES.

1.3 INCIDENT RESPONSE

This section details the response requirements in the event of an incident. In all situations:

The 24-Hour Emergency Number for Griffith City Council is (02) 6969 4832

This call is redirected to J&J Security, who informs appropriate personnel of issues and incidents.

1.3.1 Human Health or Safety Incident

If there is immediate threat to human health or safety, call Triple Zero "**000**" ("**112**" if using a mobile) and implement the following process:

1. Implement *(depending on type of incident)*
    - ***General Emergency Response Procedures***
2. If required, evacuate the site (*depending on type of incident* refer to)
    - ***Emergency Evacuation at Griffith Water Reclamation Plant (WS-WI-002)***
    - ***Emergency Evacuation at Yenda Water Sewerage Treatment Plant (WS-WI-006)***
    - ***Emergency Evacuation at Pump Station (WS-WI-004)***)
3. Contact:
    - Water & Wastewater Manager - 02 69694832 AH
    - Director Utilities – 02 69694832 AH
    - Water & Wastewater – Coordinator 02 69694832 AH
    - Treatment Plants Coordinator 02 69694832 AH
    - Griffith Water Reclamation Plant On-Call Operator (**0428 692 189**)
    - Yenda Sewerage Treatment Plant On-Call **(0428 692 189)**
    - Griffith & Yenda Water Treatment Plant On-Call Operator (**0427 451 448)**
    - Sewer Retic 1 (On Duty – **0419 250 975**)
    - Sewer Pumpwells (On Duty – **0417 028 816**)
    - Water A (On Duty – **0417 028 817**)
    - Water B (On Duty – **0407 262 625**)
4. Report the incident to WHS Officer - 02 69694832 AH

1.3.2 Pollution Incidents

During a pollution incident, which involves actual or potential harm to the health or safety of human beings or to ecosystems, Griffith City Council must notify the following immediately:

• **Griffith City Council (working hours)**	**1300 176 077**
• **Griffith City Council Immediate supervisor**	02 69694832 AH
• **Griffith City Council Water & Wastewater Manager**	02 69694832 AH
• **Griffith City Council Director Utilities**	02 69694832 AH
• **EPA Environment Line (immediate phone call to EPA then written report to be provided within 7 days)**	**131 555**
• **NSW Health – Local Public Health Unit (Wagga Office)**	**1300 066 055**
(AH-Diverts to Albury Ask for "On-Call Environmental Health Officer")	**1300 066 055 (AH)**
• **Murrumbidgee Irrigation**	**(02) 6962 0262**
• **SafeWork NSW**	**131 050**
• **GCC Principal Officer – Environment & Public Health Coordinator**	02 69694832 AH

- **GCC Local Emergency Management Officer** 02 69694832 AH
  or
  02 69694832 AH

Griffith City Council should also consider contacting the following as soon as practical:

- **The staff member's Supervisor, Coordinator and Manager**
- **Affected neighbours**
- **Police** **02 6969 4299**
- **Chemical supplier** **Refer to SDS**
- **Fire & Rescue NSW (non-emergency situation)** **02 6929 5711**
- **Fire & Rescue (emergency situation)** **000**

For details of other contacts that might be required see Table 1.3.3 Emergency Contacts.

All communications with emergency response agencies due to incidents that apply to this plan must be made through either the **Director of Utilities**, **Water & Wastewater Manager, Water & Wastewater Coordinator**, **Treatment Plants Coordinator** or **Treatment Plants Team Leaders**.

The incident response required depends on the type of incident that has occurred. The following is a list of safe work method statements to be implemented in the event of a related incident:

- **Griffith City Council - Sewer Spill Clean-up and Decontamination (WS-SW-362)**
- **Griffith City Council – Sewer Spill Clean-up (Not into Water Supply) (WS-WI-301)**

1.3.3 Emergency Contacts

Organization Department	Name and Position	Business Telephone No.	After Hours
Ambulance	Officer on Duty	000	000
Council Primary Contact	Durgananda Chaudhary Water & Wastewater Manager GCC	1300 176 077	02 6969 4832
Council Health Department	Vanessa Johns – Environment & Public Health Coordinator	1300 176 077	02 6969 4832
Electricity - Essential Energy	Officer on Duty	132 080	132 080
Environment Protection Authority (EPA)	Riverina Far West Region Manager info@epa.nsw.gov.au	131 555	131 555
Fire & Rescue NSW Griffith – Fire Station	Officer on Duty	000 02 6929 5711 (Griffith Fire Station)	000
Gas – Jemena	Officer on Duty	131 909	131 909
Griffith Base Hospital	Officer on Duty	02 6969 5555	02 6969 5555
Local Emergency Management	Local Emergency Management Officer Local Emergency Management Officer Assistant	1300 176 077 02 6969 4832 AH 1300 176 077 02 6969 4832 AH	02 6969 4832
Media - Radio ABC Riverina FM 100.5 & AM 675		02 6923 4811	
Media - Radio 2MIA FM 95.1 - Community	Officer on Duty	02 6964 1033	02 6964 1033 (up to 12:00am)
Media – Radio TripleM & Hit – Southern Cross Astereo	Office	6969 7860	No one after 5.00pm so Email: Duncan.potts@sca.com.au
Murrumbidgee Irrigation	Supply and Drainage Channels and Structures - Officer on Duty	02 6962 0200 (Office)	02 6962 0262
NSW Health – Local Public Health Unit	Officer on Duty	**1300 066 055**	**1300 066 055**
NSW Rural Fire Service MIA District	Office	**6966 7800** **000 Emergency**	000
NSW State Emergency Services (SES)	Officer on Duty	132 500	132 500
Poison Information Centre	Officer on Duty	131 126	131 126
Police	Officer on Duty	000 02 6969 4299	000 02 6969 4299
SafeWork NSW	Officer on Duty	131 050	131 050
Telstra		132 200	132200
Yenda Fire Brigade	Officer on Duty	**02 9493 1512**	000

1.4 COMMUNITY NOTIFICATION

Impacts on the community due to sewage distribution and treatment incidents are variable and depend on location, volumes of spills or other factors. Communication methods will be used on a case-by-case basis and in all situations Griffith City Council will attempt to provide early warning to directly affected premises by phone call or site visit. Warning is to include details of what the incident is, how those affected can prepare and respond, and provide important advice such as avoiding contact and use of affected waterways.

Where early warning is not possible, Griffith City Council will provide notification and communication during and after an incident to advise those affected with information, advice and updates. Notification and communication methods will be determined on a case-by-case basis and the following methods may be used:

- Site visits/door knocking
- Phone calls
- Media releases (radio/television/newspaper/internet/social media as required)
- Letter drops
- Warning signs
- Other methods as the situation requires.

In the event of a chemical or sewage spill into stormwater or waterway, Griffith City Council staff is to go to prominent and/or high use areas of the affected waterway and notify users immediately.

Ponded sewage is to be pumped out and contaminated land disinfected, (according to ***Griffith City Council – Sewer Spill Clean-up Not in Water Supply (WS-WI-301)***) and faecal coliforms are to be monitored until background levels are reached.

Regular communication and notification are to be provided until the incident and clean-up of impacted site and affected areas has been completed (e.g. faecal coliforms have returned to background levels). Griffith City Council is to advise the public that regular activities can be resumed by (as required):

- Phone calls
- Media releases (radio/television/newspaper/internet/social media as required)
- Letter drops
- Other methods as the situation requires

1.4.1 Pollution Incident (Refer to 1.10 for GLOSSARY)

The Griffith Water Reclamation Plant is approximately 2 km west from the City of Griffith. The nearest neighbour from the Griffith WRP is approximately 500 metres. There is nothing onsite that would create an emergency for any neighbours. Additionally, the inflow into this plant and the available storage means that even at peak wet weather flows that the potential for raw sewage or chemical overflow from this plant reaching Murrumbidgee Irrigation drainage (approximately 600m away) is extremely low. However, if an incident did occur and any community members or neighbours were affected then the processes listed in *Section 1.4 (COMMUNITY NOTIFICATION) above* would be implemented as required.

The Yenda Sewerage Treatment Plant is approximately 2 km east from the village of Yenda. The nearest neighbour from the Yenda STP is approximately 500 metres. There is nothing onsite that would create an emergency for any neighbours. Additionally, the inflow into this plant and the available storage means that even at peak wet weather flows that the potential for a raw sewage overflow from this plant reaching a waterway is extremely low. However, if an incident did occur and any community members or neighbours were affected then the processes listed in *Section 1.4 (COMMUNITY NOTIFICATION)* above would be implemented as required.

1.5 INCIDENT INVESTIGATION

All emergencies must be investigated. For all other incidents, the Water & Wastewater Manager (with guidance from GCC staff involved) will decide whether an incident investigation will be conducted. When an incident investigation is required, the Water & Wastewater Manager is responsible for:

- Forming the investigation team
- Co-ordinating the investigation.

Note: The *POLLUTION NOTIFICATION AND INCIDENT REPORT FORM (Appendix 20 – POLLUTION NOTIFICATION AND INCIDENT REPORT FORM)* can be used when conducting the investigation.

A de-brief is to be conducted for all emergency incidents. However, the Water & Wastewater Manager may also initiate de-briefs for other incidents where they feel it is appropriate.

1.6 PRE-EMPTIVE MEASURES

1.6.1 Physical and preventative measures

First priority for pre-emptive measures is to eliminate substances that can become potential pollutants. If this is not possible, physical barriers should be installed to prevent pollutants from entering the environment such as bunding and spill containment. At Griffith WRP, all chemical storages are bunded to ensure that if the storage fails the pollutant is contained and treatment process bypasses are installed to prevent partially treated sewage spills due to reticulation issues. Additionally, the reticulation, pump stations, and Griffith WRP have multiple alarm systems to alert operators of conditions that may result in incidents, which include:

- High level alarms
- Communication failure
- Motor issue alarm
- No flow/high flow alarms

1.6.2 Preventative monitoring and maintenance

Griffith City Council may use the following monitoring and preventative maintenance to reduce the potential for incidents at both the GWRP and for the reticulation and pump stations. These are separated in the following timeframes:

- Daily/Weekly
- Monthly/Annually
- Longer term (capital works and maintenance programs).

Daily to Weekly

The WRP is to be attended daily and the following inspected:

- Maintenance requirements
- Chemical quantities
- Plant performance data
- Housekeeping issues that require attention
- Vandalism and/or thefts
- Issues with bunds
- Check bund valves are closed
- Alarms workings.

Monthly to Annually

The following is to be checked monthly for the reticulation and pump stations:

- Alarm testing – power fail, critical float.

The following is to be checked or conducted every three months:

- Exercising and maintenance of valves - Critical valves every 12 months and other valves as maintenance requires.
- Inlet Valves - exercising, maintenance
- Isolation Valves - exercising, maintenance
- Spray and exercise locks.

The following is to be checked or conducted annually:

- Backup batteries (UPS)
- Fire extinguishers
- Overflow plugs - inspection
- Remove grit - Vacuum Truck
- Odour pipe - cartridges and whirly bird - inspection
- Sump pumps - Dry Well PS's
- Vermin/insect protection
- Lopping and pruning of trees surrounding PS's
- Pump Performance Testing
- RPZ Testing
- Team Training - New Technologies and Upgrades
- Trade waste system inspections
- CCTV and Jetting for repeat chokes
- Tree removal where there are repeat chokes
- Bund integrity.

Other checks include manhole inspection, maintenance, repair and resealing (as required).

1.6.3 Pre-emptive documentation

Reticulation blockages, breaks or distribution issues can result in spills if not acted upon, therefore, the following SWMS are to be used to address issues before overflows occur:

- ***Unblocking Sewer Mains using Sewer Rods (WS-WI-306)***
- ***Unblocking Sewer Main Using Jetter (WS-SW-347)***
- ***Unblocking Sewer Mains Using Sewer Rods (WS-SW-306)***
- ***Unblocking Sewer Connection Risers using Eel (WS-SW-310)***
- ***Plunge Sewer Riser (WS-WI-305)***
- ***Repair Broken Sewer Mains (WS-SW-304)***

1.7 TRAINING

All staff required to implement this plan and associated documents must have training in its use and be inducted into it. This is to ensure they are aware of the content, processes and requirements of this plan and can competently implement it if necessary. Additionally, relevant staff will be involved in an annual exercise/drill to test the implementation of the plan. In the event of a significant incident, an investigation and debrief will be conducted, documentation updated (if required) and staff will be re-inducted.

All desktop exercises, drills and incidents are to be registered into Council’s electronic document management system, and training records will be sent to Human Resources and Organisational Development for filing.

1.8 RESPONSIBILITY

Director of Utilities and/or Water & Wastewater Manager is responsible for the implementation of this Plan.

1.9 REFERENCES

- Water Administration Act 1986
- Local Government Act 1993
- Protection of the Environment Operations Act 1997
- Protection of the Environment Operations (General) Regulation 2009
- Public Health Act 2010
- Protection of the Environment Legislation Amendment Act 2011 (POELA Act)
- EPA NSW Environmental Guidelines: Preparation of Pollution Incident Response Plans 2012
- Guideline: Pollution Incident Response Management Plans 2020
- Protection of the Environment Operations (General) Regulation 2021
- Guideline: Pollution Incident Response Management Plans 2022
- Protection of the Environment Operations (General) Regulation 2022

1.10 GLOSSARY

Pollution incident: means an incident where there is likely to be a leak, spill or other escape or deposit of a substance, as a result of which pollution has occurred, is occurring or is likely to occur. It includes an incident or set of circumstances in which a substance has been placed or disposed of on premises, but it does not include an incident or set of circumstances involving only the emission of any noise (see the POEO Act 1997).

Harm to the environment: harm to the environment is material if:

(i) it involves actual or potential harm to the health or safety of human beings or to ecosystems

or

(ii) it results in actual or potential loss or property damage of an amount, or amounts in aggregate, exceeding $10,000 (or such other amount as is prescribed by the regulations), and

Loss: includes the reasonable costs and expenses that would be incurred in taking all reasonable and practicable measures to prevent, mitigate or make good harm to the environment.

1.11 APPENDICES

Appendix 1 – PERSONAL PROTECTIVE EQUIPMENT LIST
Appendix 2 – CHEMICAL REGISTER – AS AT 30/6/25
Appendix 3 – RISK ASSESSMENT AND ACTIONS
Appendix 4 – GRIFFITH WATER RECLAMATION PLANT - LOCALITY PLAN
Appendix 5 – GRIFFITH WATER RECLAMATION PLANT - SITE PLAN
Appendix 6 – YENDA SEWERAGE TREATMENT PLANT – LOCALITY PLAN
Appendix 7 – YENDA SEWERAGE TREATMENT PLANT - SITE PLAN
Appendix 8 – GRIFFITH LGA SENSITIVE RECEPTORS
Appendix 9 – GRIFFITH SENSITIVE RECEPTORS
Appendix 10 – GRIFFITH SURROUNDING VILLAGES SENSITIVE RECEPTORS
Appendix 11 – GRIFFITH SEWER RETICULATION PLAN
Appendix 12 – HANWOOD SEWER RETICULATION PLAN
Appendix 13 – YENDA SEWER RETICULATION PLAN
Appendix 14 – BILBUL SEWERAGE TREATMENT PLANT AND LOCALITY
Appendix 15 – BILBUL SEWERAGE TREATMENT PLANT SITE PLAN
Appendix 16 – BILBUL SEWERAGE TREATMENT PLANT RETICULATION PLAN
Appendix 17 – LAKE WYANGAN VILLAGE SEWER RETICULATION PLAN
Appendix 18 – THARBOGANG VILLAGE SEWER RETICULATION PLAN
Appendix 19 – NERICON VILLAGE SEWER RETICULATION PLAN
Appendix 20 – POLLUTION NOTIFICATION AND INCIDENT REPORT FORM
Appendix 21 – PIRMP ANNUAL REVIEW FLOWCHART
Appendix 22 – SCENARIOS FOR PIRMP REVIEW – GWRP & YSTP

2 APPENDIX

2.1 APPENDIX 1 – PERSONAL PROTECTIVE EQUIPMENT LIST

This section lists the standard PPE items required.

Griffith Water Reclamation Plant

The following items are to be kept at the Griffith WRP:

- Ear/hearing protection
- Gas monitor
- Gas calibration equipment
- Sun screen
- Apron/disposal overalls
- Rubber Gloves
- Goggles
- Gumboots
- Steel capped Boots

Sewerage reticulation response truck

The following items are to be kept on the sewerage reticulation response truck:

- Goggles/eye protection
- Hearing protection
- Apron/disposable overalls
- Rubber gloves
- Respiratory kit
- Gumboots

Yenda Sewage Treatment Plant

The following items are to be kept at the Yenda STP:

- Sun screen
- Apron/disposal overalls
- Rubber Gloves
- Goggles
- Gumboots
- Steel capped Boots

Location: Griffith Water Reclamation Plant

Date **30/06/2025**

Product Name:	Manufacturer	Hazardous Substance Y/N	Dangerous Goods Y/N	Storage Location	Risk Assess Y/N	Quantity Held	To be reviewed annually
0-250ppm Hydrogen Sulphide, 0-23.5% Oxygen in Nitrogen	Clear Gas	Y	Y	GWRP		58 Litres	30-Jun-26
330 (Calibration Gas)	CAC Gas & Instrumentation	Y	Y	GWRP		10 Litres	30-Jun-26
5.56 Aerosol	CRC Industries	Y	Y	GWRP		500mL	30-Jun-26
Airlift Caress Deodoriser Cleaner	Research Products	Y	N	GWRP		2.5 Litres	30-Jun-26
Aluminium Sulphate Liquid	IXOM	Y	Y	GWRP		2x20,000L	30-Jun-26
Amaze Ammoniated Cleaner	Axi-kem	Y	N	GWRP		1 Litre	30-Jun-26
Ammonia Cyanurate Reagent Powder Pillows	Thermo Fisher Scientifice Aust	Y	Y	GWRP	Y	< 1 kilo	30-Jun-26
Anti-Bacterial Hand Sanitiser Gel	Techsan	Y	Y	GWRP	Y	7 Litres	30-Jun-26
Apparent Weedshot 200	AIRR Apparent Pty Ltd	Y	Y	GWRP		1 Litre	30-Jun-26
AQUAfast high range Ammonia set - salicylate method	Thermo Fisher Scientifice Aust	N	Y	GWRP		< 1 kilo	30-Jun-26
AQUAfast COD Vials	Thermo Fisher Scientifice Aust	N	N	GWRP		1000tests	30-Jun-26
Buffer Solution pH 4	HACH	Y	N	GWRP	N	2 Litres	30-Jun-26
Buffer Solution pH 7	HACH	Y	N	GWRP	N	2 Litres	30-Jun-26
Buffer Solution pH 10	HACH	Y	N	GWRP	N	2 Litres	30-Jun-26
Cavalier 500 SC Herbicide	Adama Australia Pty Ltd	Y	N	GWRP	N	10 Litres	30-Jun-26
Chlordet	Axi-Chem	Y	Y	GWRP		1 Litre	30-Jun-26
Cislin Risidual Insecticide (LAST SDS)	Bayer CropScience	Y	Y	GWRP		20 Litres	30-Jun-26
Citrex – Floor Cleaner	Axi-Kem	Y	N	GWRP		1 Litre	30-Jun-26
Citric Acid Solution 50% w/w	IXOM	Y	N	GWRP		1000 Litres	30-Jun-26
Distilled Water	Glendale Packaging Pty Ltd	N	N	GWRP		40Litres	30-Jun-26
Domestos Bleach Disinfectant Regular	Unilever Asia Private Ltd	Y	Y	GWRP		1 Litre	30-Jun-26
DPD Free Chlorine Reagent Powder Pillow	Thermo Fisher Scientifice Aust	N	N	GWRP		1000tests	30-Jun-26
Earthtec	Aquapac	Y	Y	GWRP	N	3 kg	30-Jun-26
Eucalyptus Hospital Grade Disinfectant	Axi-Kem	N	N	GWRP		4 Litres	30-Jun-26
Hydrochloric Acid (LAST SDS)	Recochem Inc	Y	Y	GWRP	Y	1 Litre	30-Jun-26
HY Clor PH Degreaser	Hy-Clor Australia P/L	Y	N	GWRP		3 kg	30-Jun-26
Jif Cream	Unilever Australasia	Y	N	GWRP		1 Litre	30-Jun-26
Kelpie GFOS 200	SINOCHEM INT AUS	Y	Y	GWRP		2 Litres	30-Jun-26

Methylated Spirit **(LAST SDS)**	Perrigo Australia	Y	Y	GWRP	Y	20Litres	30-Jun-26
Molybdovanadate Reagent 2076026-AU	Hach Company	Y	Y	GWRP	Y	1 Litre	30-Jun-26
Mortein Fast Knockdown Fly & Mosquito Killer Aerosol	Reckitt Benckiser (Australia) P/L	Y	Y	GWRP	Y	250g	30-Jun-26
Nitrate - Nitrogen Test N Tube reagent set	Thermo Fisher Scientifice Aust	N	N	GWRP	Y	500g	30-Jun-26
NitraVer X Test N Tube Reagent	Thermo Fisher Scientifice Aust	Y	Y	GWRP	Y	500mls	30-Jun-26
Nufarm Crucial – Herbicide	Nufarm Australia Limited	N	N	GWRP		20 Litres	30-Jun-26
Phosphate Acid Reagent Vials	Hach Company	Y	Y	GWRP	Y	1 Litre	30-Jun-26
PhosVer 3 Phosphate Reagent powder pillow	Thermo Fisher Scientifice Aust	Y	N	GWRP	Y	1 Litre	30-Jun-26
Potassium Persulfate	Thermo Fisher Scientifice Aust	Y	Y	GWRP	Y	500mls	30-Jun-26
Shinax Dishwashing Liquid	AImIX Chemicals Pty Ltd	Y	Y	GWRP		500mls	
Silica gel	Thermo Fisher Scientifice Aust	N	N	GWRP		5 Kilos	30-Jun-26
Sodium Hydroxide Solution, 1.54N	Hach Company	Y	Y	GWRP	Y	1 Litre	30-Jun-26
Sodium Hypochlorite Solution (8-12.5%)	IXOM	Y	Y	GWRP		1000 Litres	30-Jun-26
Soft Care Citrus Splash Anti-Bacterial Hand Wash	Diversey Australia Pty Limited	N	N	GWRP		5 Litres	30-Jun-26
Sulfuric Acid 52 - 98%	Chem-Supply Pty Ltd	Y	Y	GWRP	Y	1 Litre	30-Jun-26
Unleaded Petrol 91	Viva Energy Australia Pty Ltd	Y	Y	GWRP		10 Litres	30-Jun-26
Vario Ammonia Cyanurate F5ml	Thermo Fisher Scientifice Aust	Y	Y	GWRP		1 Litres	30-Jun-26
Zetag 9248FS-AP FLUCCULANT	Chemiplas	Y	N	GWRP		3,000 L	30-Jun-26

Dangerous and Hazardous Goods stored above the "Manifest Quantity" i.e Licence required

Product Name:	**WorkCover Notification displayed on site?**	**Expiry Date of Notification**	**Quantity Held**
Citric Acid 50% Solution	GWRP	30/09/2027	3,000 L
Aluminium Sulphate Liquid	GWRP	22/04/2026	50,000 L
Sodium Hypochlorite Solution (8-12.5%)	GWRP	20/03/2028	5,000 L
Zetag 9248FS-AP FLUCCULANT	GWRP	1/12/2027	3,000 L

NOTE: These inventory lists are updated monthly. Please refer to the Water & Sewer – Dangerous and Hazardous Goods Register – Safety Data Sheets (SDS) folder on site, or the electronic file number 14/1248 and click on the required tab at the bottom of the page.

Location: SEWER RETIC

						Today's Date -	**30/06/2025**
Product Name:	**Supplier:**	**Hazardous Substance Y/N**	**Dangerous Goods Y/N**	**Storage Location**	**Risk Assess Y/N**	**Quantity Held**	**To be reviewed annually**
Activated Carbon Technologies Activated Carbon	Activated Carbon Technologies P/L	N	N	Water & Sewer Depot	**Y**	30bagsx25kg	30-June-26
Aquarius Red Back Drain Dye (Green)	Aquarius Rubber	**Y**	**Y**	Sewer Retic Shed & Trucks	**Y**	1 Kilo	30-June-26
Bondall Silasec	Bondall (Bondcrete Australia)	**Y**	**Y**	Sewer Retic Shed & Trucks	**Y**	1 x 5 Litre	30-June-26
Bostik PVC Pipe Cement P Green	Bostik	**Y**	**Y**	Sewer Retic Shed & Trucks	**Y**	12x 500ml Bottles	30-June-26
Bostic PVC Priming Fluid - Red & Clear	Bostik	**Y**	**Y**	Sewer Retic Shed & Trucks	**Y**	12x 500ml Bottles	30-June-26
BP Automotive Diesel Fuel	BP Australia	**Y**	**Y**	Truck	**Y**	10 Litres	30-June-26
BP Regular Unleaded 91 Petrol	Viva Energy Australia	**Y**	**Y**	Sewer Retic Shed & Trucks	**Y**	10 Litres	30-June-26
Clean Plus Disinfectant Musk	Axi-Kem	N	N	Sewer Retic Shed & Trucks	**Y**	6 x 25L drums	30-June-26
Concrete Waterproofing Xprex Concentrate Xypex Modified	Xypex	**Y**	**Y**	Sewer Retic Shed & Trucks	**Y**	6 x 25L drums	30-June-26
Dy-Mark Line Marking Professional All Colours	Chemwatch	**Y**	**Y**	Sewer Retic Shed & Trucks	**Y**	1 Litre	30-June-26
McBerns Media	McBerns Pty Ltd	N	N	Sewer Shed	**Y**	1 Litre	30-June-26
Scotts Roundup PowerMAX	Scotts	N	N	Sewer Retic Shed & Trucks	**Y**	25L	30-June-26
Shell Ondina Oil 15	The Shell Company of Australia Ltd	N	N	Sewer Camera Truck	**Y**	1x20Lt drum	30-June-26

Dangerous and Hazardous Goods stored above the "Manifest Quantity" i.e Licence required

Product Name:	**WorkCover Notification displayed on site?**	**Expiry Date of Notification**		**Quantity Held**
Nil				

NOTE: These inventory lists are reviewed annually. Please refer to the Chemwatch Safety Management System for further information.

2.3 APPENDIX 3 – RISK ASSESSMENT AND ACTIONS

No	Risk	Impact	Risk LxC = Rating	Controls
	Griffith Water Reclamation Plant / Yenda Sewage Treatment Plant			
SR 1	Sewage overflow due to heavy rainfall	Land contamination, possibly enter a waterway	C2 = M	▪ Reticulation maintenance and rehabilitation to reduce infiltration and inflows ▪ Spare capacity in pump wells ▪ Monitoring and maintenance ▪ Pre-emptive measures see Section 1.6 PRE-EMPTIVE MEASURES
SR 2	Sewage overflow due to power failure	Land contamination, possibly enter a waterway	B2 = L	▪ Lightning protection ▪ Back-up generators ▪ Pre-emptive measures see Section 1.6 PRE-EMPTIVE MEASURES
SR 3	Sewage overflow due to storm damaging infrastructure	Land contamination, possibly enter a waterway	B2 = L	▪ Lightning protection ▪ Sight vegetation management to prevent damage to infrastructure ▪ Portable pumps ▪ Pre-emptive measures see Section 1.6 PRE-EMPTIVE MEASURES
SR 4	Sewage overflow due to Reticulation blockages or damage	Land contamination, possibly enter a waterway	C2 = M	▪ Reticulation maintenance ▪ Sewer Jetting program (high pressure cleaning of mains for repeat chokes) ▪ Spare capacity in pump wells ▪ Monitoring and maintenance ▪ Pre-emptive measures see Section 1.6 PRE-EMPTIVE MEASURES
SR 5	Sewage overflow due to an external persons excavation hitting the sewers	Land contamination, possibly enter a waterway	C2 = M	▪ Provide underground service locations to external persons ▪ Telemetry designed to pick up a change in inflows ▪ Vacuum trucks (for clean-up) ▪ Portable pumps (for clean-up)
SR 6	Sewage overflow due to SCADA/Communications failure	Land contamination, possibly enter a waterway	A2 = L	▪ SCADA testing and alarming ▪ Monitoring of SCADA signal issues ▪ Pre-emptive measures see Section 1.6 PRE-EMPTIVE MEASURES
SR 7	Sewage overflow due to Infrastructure failure (e.g. due to age)	Land contamination, possibly enter a waterway	B2 = L	▪ Reasonably Young network ▪ Maintenance and renewal programs ▪ Pre-emptive measures see Section 1.6 PRE-EMPTIVE MEASURES
SR 8	Sewage overflow due to Mechanical break-down/dual pump failure	Land contamination, possibly enter a waterway	B2 = L	▪ Telemetry monitoring ▪ Maintenance and inspection programs ▪ Spare capacity in pump wells ▪ Portable pump to bypass site and vacuum truck to maintain flows ▪ Monitoring and maintenance ▪ Pre-emptive measures see Section 1.6 PRE-EMPTIVE MEASURES
SR 9	Sewage overflow from PSG3 due to relatively small well located in heavily developed area/ number of upstream pump stations/ high inflows	Land contamination, possibly enter a waterway	B3 = M	▪ Reticulation maintenance and rehabilitation to reduce infiltration and inflows ▪ Spare capacity in pump wells and reticulation ▪ Monitoring and maintenance ▪ Pre-emptive measures see Section 1.6 PRE-EMPTIVE MEASURES ▪ Transportable generator ▪ Overflow into G1 catchment
SR 10	Sewage overflow from PSG4 due to relatively small well located in heavily developed area/ number of upstream pump stations/ high inflows	Land/water contamination due to sewage entering watercourse from rising main failure capable of contaminating canal used for water supply	B4 = H	▪ Reticulation maintenance and rehabilitation to reduce infiltration and inflows ▪ Spare capacity in pump wells and reticulation ▪ Monitoring and maintenance ▪ Pre-emptive measures see Section 1.6 PRE-EMPTIVE MEASURES ▪ Early replacement of rising main where adjacent to canal ▪ Transportable generator
SR 11	Sewage overflow from PSG1 due to relatively small well storage/ high inflows	Land contamination, possibly enter a waterway	B4 = H	▪ Reticulation maintenance and rehabilitation to reduce infiltration and inflows ▪ Spare capacity in pump wells and reticulation ▪ Monitoring and maintenance ▪ Pre-emptive measures see Section 1.6 PRE-EMPTIVE MEASURES ▪ Transportable generator ▪ Overflow into G3 catchment
SR 12	Sewage overflow from PSG12 due to relatively small well storage and remote from catchment	Land contamination	B3 = M	▪ Reticulation maintenance and rehabilitation to reduce infiltration and inflows ▪ Spare capacity in pump wells and reticulation ▪ Monitoring and maintenance ▪ Pre-emptive measures see Section 1.6 PRE-EMPTIVE MEASURES ▪ Additional Emergency storage (adjacent to well or parallel to gravity main)

No	Risk	Impact	Risk LxC = Rating	Controls
SR 13	Sewage overflow from PSG2 due to relatively small well storage located in heavily developed area/ high inflows	Land contamination, possibly enter a waterway	B3 = M	▪ Reticulation maintenance and rehabilitation to reduce infiltration and inflows ▪ Spare capacity in pump wells and reticulation ▪ Monitoring and maintenance ▪ Pre-emptive measures see Section 1.6 PRE-EMPTIVE MEASURES ▪ Transportable generator
SR 14	Sewage overflow from PSG9 due to relatively small well/ grades relatively steep leading to lower than average mains storage.	Land contamination, possibly enter a waterway	B3 = M	▪ Reticulation maintenance and rehabilitation to reduce infiltration and inflows ▪ Spare capacity in pump wells and reticulation ▪ Monitoring and maintenance ▪ Pre-emptive measures see Section 1.6 PRE-EMPTIVE MEASURES ▪ Permanently installed diesel pump ▪ Additional Emergency storage (linear storage or reconfigured stormwater detention basin)
SR 15	Sewage overflow from PSHA2 due to small constrained pump station. Located on road reserve adjacent to main road	Land contamination, possibly enter a waterway	A3 = M	▪ Reticulation maintenance and rehabilitation to reduce infiltration and inflows ▪ Spare capacity in pump wells and reticulation ▪ Monitoring and maintenance ▪ Pre-emptive measures see Section 1.6 PRE-EMPTIVE MEASURES
SR 16	Sewage overflow from PSG5 due to small well storage for duty pumping capacity. Relatively remote from Griffith system. Significant liquid trade waste inflows.	Land contamination, possibly enter a waterway	B3 = M	▪ Reticulation maintenance and rehabilitation to reduce infiltration and inflows ▪ Spare capacity in pump wells and reticulation ▪ Monitoring and maintenance ▪ Pre-emptive measures see Section 1.6 PRE-EMPTIVE MEASURES ▪ Additional Emergency storage (adjacent to well or parallel to gravity main)
SR 17	Sewage overflow from PSYE3 due to small well storage for duty pumping capacity. Limited storage in upstream pump stations	Land contamination, possibly enter a waterway	B4 = H	▪ Reticulation maintenance and rehabilitation to reduce infiltration and inflows ▪ Spare capacity in pump wells and reticulation ▪ Monitoring and maintenance ▪ Pre-emptive measures see Section 1.6 PRE-EMPTIVE MEASURES ▪ Additional Emergency storage (adjacent to well or parallel to gravity main)
SR 18	Sewage overflow City Park potential for sewer rising mains spill to enter public areas and water supply	Land contamination, possibly enter a waterway	B4 = H	▪ Provide underground service locations to external persons ▪ Telemetry designed to pick up a change in inflows ▪ Vacuum trucks (for clean-up) ▪ Portable pumps (for clean-up)
	Griffith Water Reclamation Plant / Yenda Sewage Treatment Plant			
SP 1	Sewage overflow (raw) due to heavy rainfall	Land contamination, possibly enter a waterway	A2= L	▪ Reticulation maintenance to reduce infiltration and inflows ▪ Spare capacity in pump wells ▪ Overflow storage at the WRP ▪ Bypass systems to overflow storage pond ▪ Monitoring and maintenance ▪ Pre-emptive measures see Section 1.6 PRE-EMPTIVE MEASURES
SP 2	Sewage overflow (raw) due to storm (lightning/wind) causing power failure	Land contamination, possibly enter a waterway	B2 = L	▪ Lightning protection ▪ Back-up generators ▪ Bypass systems to overflow storage pond ▪ Pre-emptive measures see Section 1.6 PRE-EMPTIVE MEASURES
SP 3	Sewage overflow (raw) due to storm (lightning/wind) causing infrastructure damage	Land contamination, possibly enter a waterway	A1 = L	▪ Lightning protection ▪ Sight vegetation management to prevent damage to infrastructure ▪ Bypass systems to overflow storage pond ▪ Pre-emptive measures see Section 1.6 PRE-EMPTIVE MEASURES
SP 4	Sewage overflow (raw) due to Reticulation blockages	Land contamination, possibly enter a waterway	A2 = L	▪ Reticulation maintenance ▪ Spare capacity in pump wells ▪ Overflow storage at the WRP ▪ Bypass systems to overflow storage pond ▪ Monitoring and maintenance ▪ Pre-emptive measures see Section 1.6 PRE-EMPTIVE MEASURES
SP 5	Sewage overflow (raw) due to damage to onsite reticulation (e.g., during excavations etc)	Land contamination, possibly enter a waterway	B2 = L	▪ Locate services prior to excavations ▪ Appropriate supervision of contractors ▪ Bypass systems
SP 6	Sewage overflow (raw) due to SCADA/Communications failure	Land contamination, possibly enter a waterway	B2 = L	▪ SCADA testing and alarming ▪ Pre-emptive measures see Section 1.6 PRE-EMPTIVE MEASURES
SP 7	Sewage overflow (raw) due to excessive flows	Land contamination, possibly enter a waterway	A2 = L	▪ Reticulation maintenance to reduce infiltration and inflows ▪ Spare capacity in pump wells ▪ Overflow storage at the WRP ▪ Bypass systems to overflow storage pond ▪ Monitoring and maintenance ▪ Pre-emptive measures see Section 1.6 PRE-EMPTIVE MEASURES

No	Risk	Impact	Risk LxC = Rating	Controls
SP 8	Sewage overflow (raw) due to Mechanical break down	Land contamination, possibly enter a waterway	A2 = L	▪ Maintenance and inspection programs ▪ Spare capacity in pump wells ▪ Overflow storage at the WRP ▪ Bypass systems to overflow storage pond ▪ Monitoring and maintenance ▪ Pre-emptive measures see Section 1.6 PRE-EMPTIVE MEASURES
SP 9	Sewage overflow (raw) due to Treatment plant blockage	Land contamination, possibly enter a waterway	A2 = L	▪ Bypass systems ▪ Gross solid screening
SP 10	Chemical spill due to Tank/storage failure	Land contamination, possibly enter a waterway	A3 = M	▪ Bunding ▪ Alarms ▪ Inspection and maintenance of tanks ▪ Bypass to head of works
SP 11	Chemical spill During delivery	Land contamination, possibly enter a waterway	A3 = M	▪ SWMS ▪ PPE
SP 12	Chemical spill due to Damage to chemical reticulation	Land contamination, possibly enter a waterway	A3 = M	▪ Locate services prior to excavations ▪ Appropriate supervision of contractors ▪ Bypass systems ▪ Shut off valves for chemicals
SP 13	Chemical spill due to Vandalism	Land contamination, possibly enter a waterway	A3 = M	▪ Site security fences
SP 14	Chemical spill due to Bund failure	Land contamination, possibly enter a waterway	B3 = M	▪ Bund inspections ▪ Annual bunding tests ▪ Maintenance and renewal
SP 15	Chemical truck incident outside of bunded area	Land contamination, possibly enter a waterway	B3 = M	▪ Only use transport companies with evidence of driver licensing and training ▪ Operator onsite during deliveries (or at minimum direct contact with deliver in exceptional circumstances)

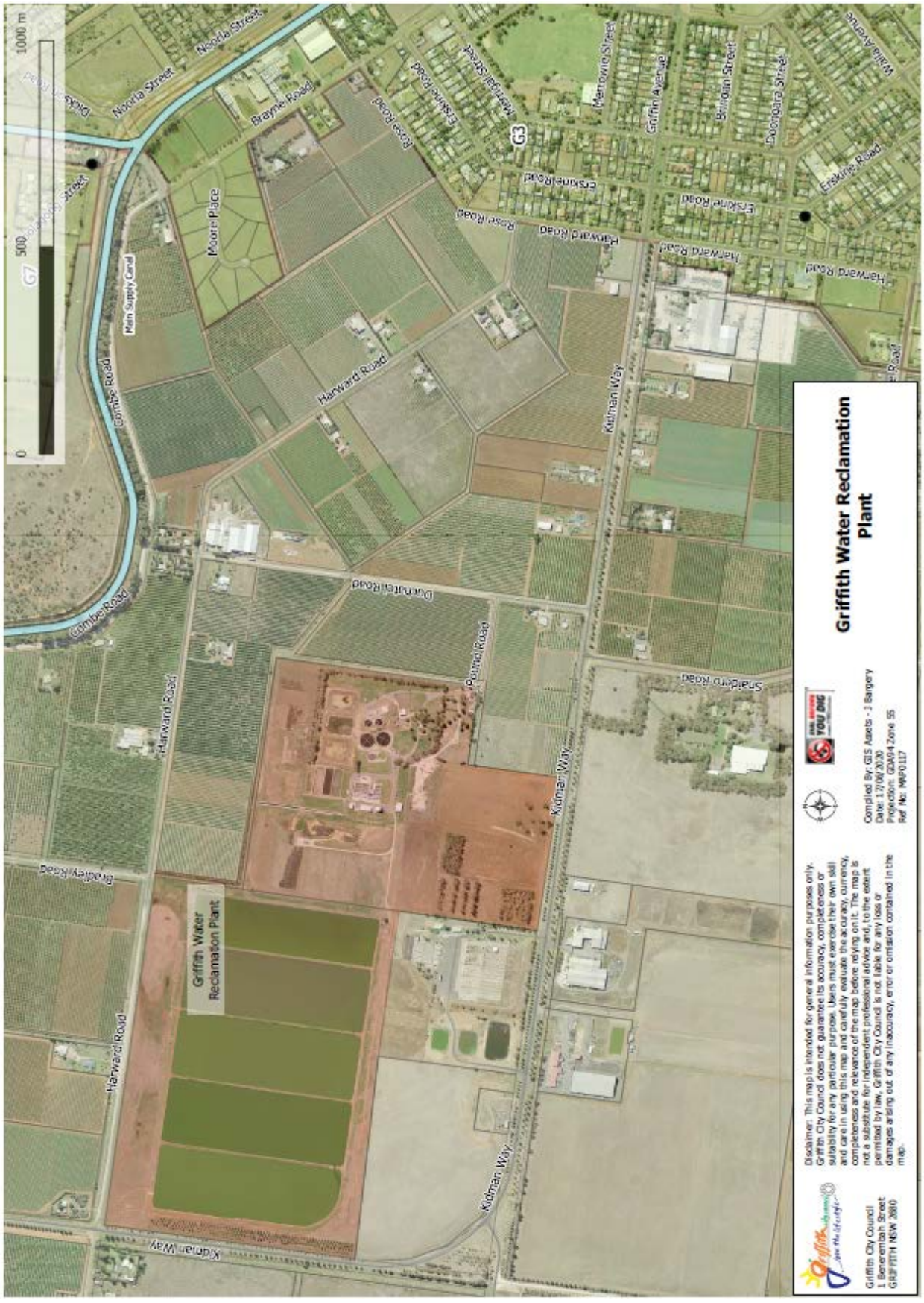
Likelihood
A **IMPROBABLE -** May occur only in exceptional circumstances
B **REMOTE -** Could occur at some time
C **OCCASIONAL -** Might occur at some time
D **FREQUENT -** Will probably occur in most circumstances
E **CONTINUOUS -** Is expected to occur in most circumstances
Refer also to Councils Hazards, Risks and Controls Guidelines

Consequences
1. **INSIGNIFICANT -** No injuries, minimal level of pollution, Employee grievances dealt with on site, Loss <5% of job cost, service, business failure resulting in delay < 1 week and costs, plant/equipment loss < $1,000
2. **MINOR -** First aid treatment, limited/localised impact, Employee grievances dealt with by senior management, loss 5-10% of job cost, business failure resulting in delay < 1 month and costs, plant/equipment loss < $10,000
3. **MODERATE -** Medical treatment & several days off work, significant pollution requiring outside assistance, Employee grievances taken to the union, loss 10-20% of job cost, non-compliance with legislation/Licence conditions, business failure resulting in delay < 3 months and costs, plant/equipment loss < $50,000
4. **MAJOR -** long term illness/serious injury, significant pollution requiring outside assistance & long term environ damage, threatened industrial action, loss 20-70% of job cost, loss of production capability, order placed on Council by Authorities, business failure resulting in delay < 6 months and costs, plant/equipment loss < $100,000
5. **CATASTROPHIC -** Death or permanent disability/illness, serious permanent environmental damage, Actual industrial action, loss >70% of job cost, potential prosecution by Authorities, business failure resulting in delay > 6 months and costs, plant/equipment loss > $100,000

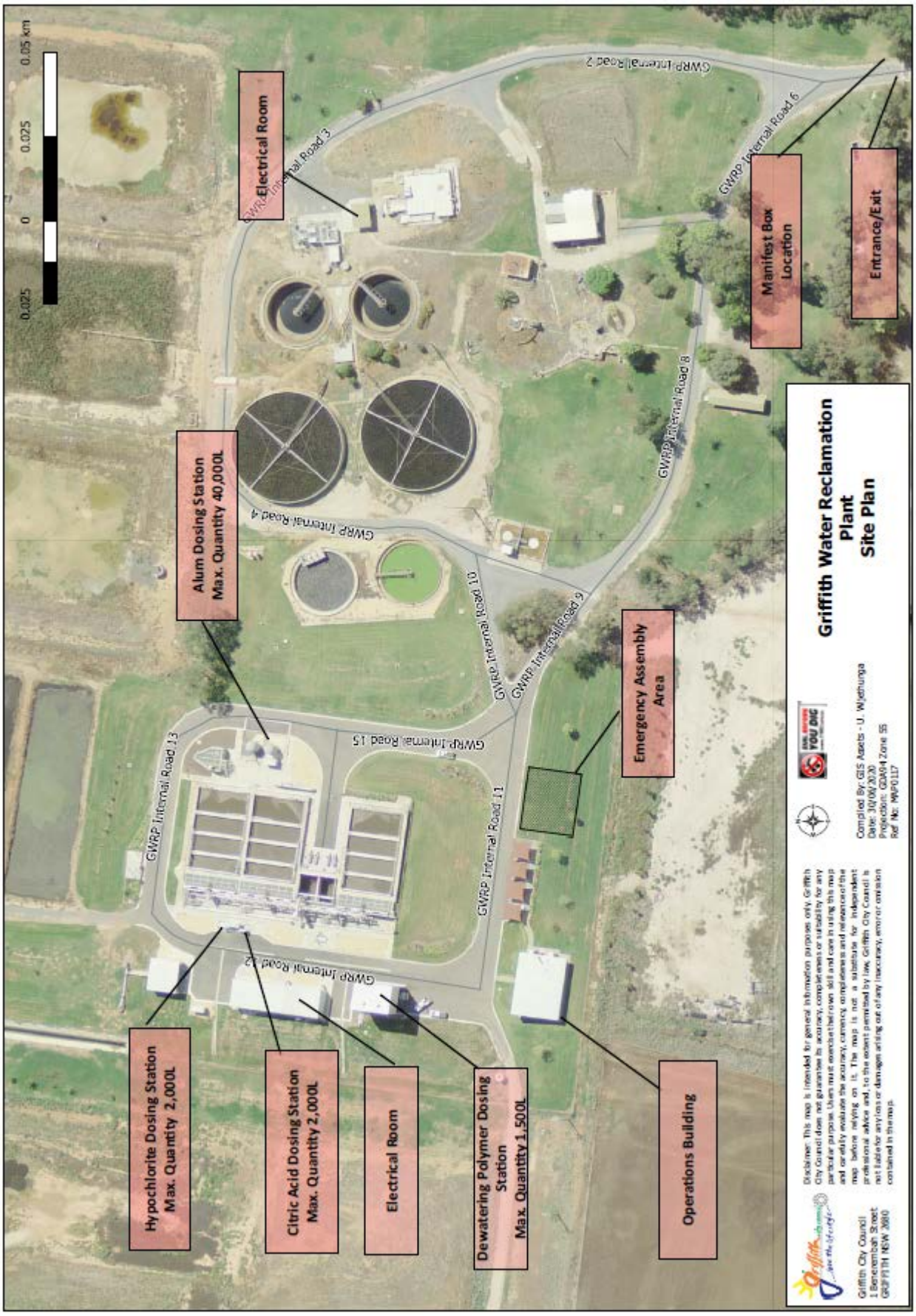
Rating
L = Low
M = Medium
H = High
V = Very High
X = Extreme

	Likelihood				
Consequence	A	B	C	D	E
1	L	L	L	M	H
2	L	L	M	H	V
3	M	M	H	V	X
4	H	H	V	X	X
5	V	V	X	X	X

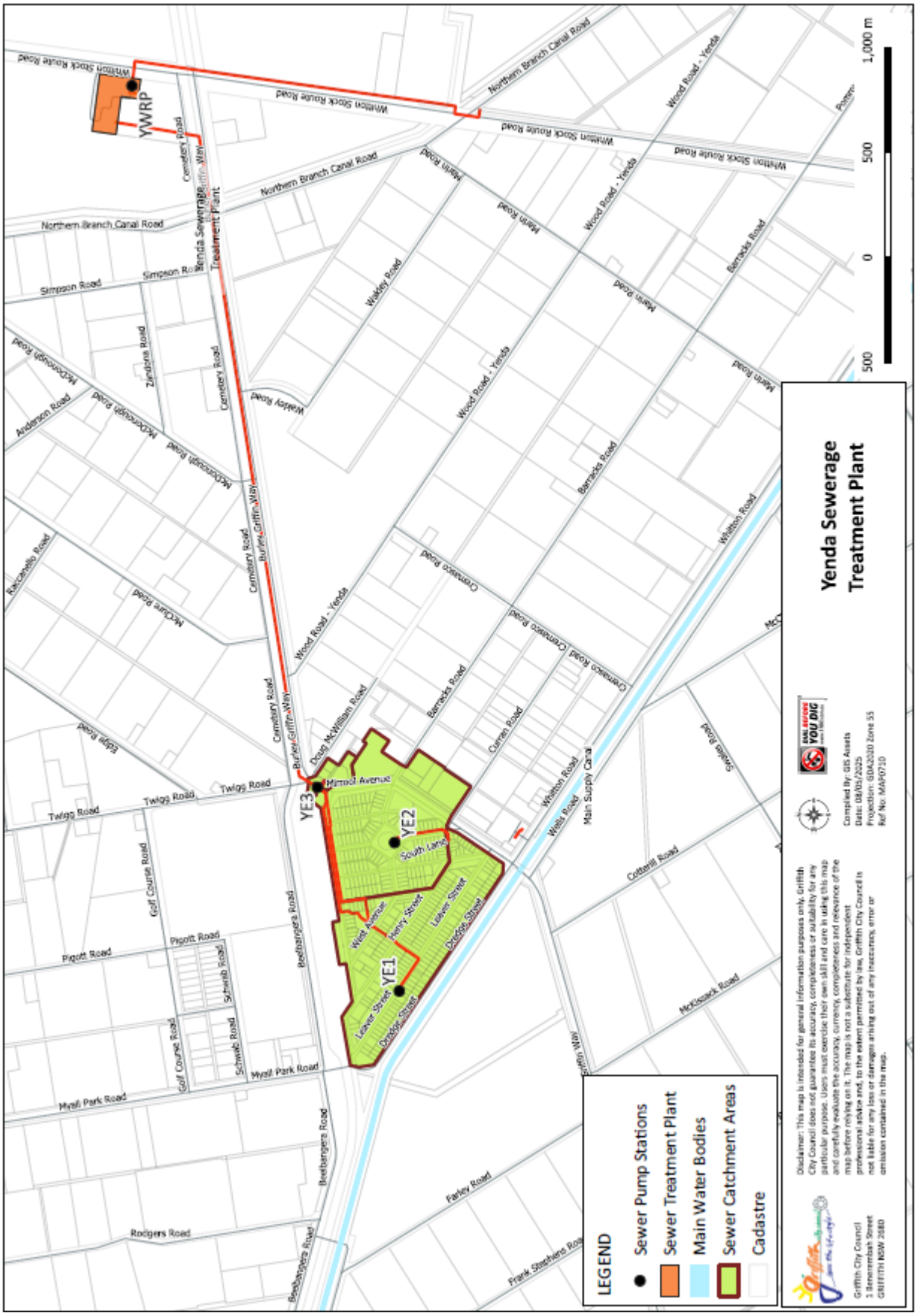
2.4 APPENDIX 4 – GRIFFITH WATER RECLAMATION PLANT - LOCALITY PLAN



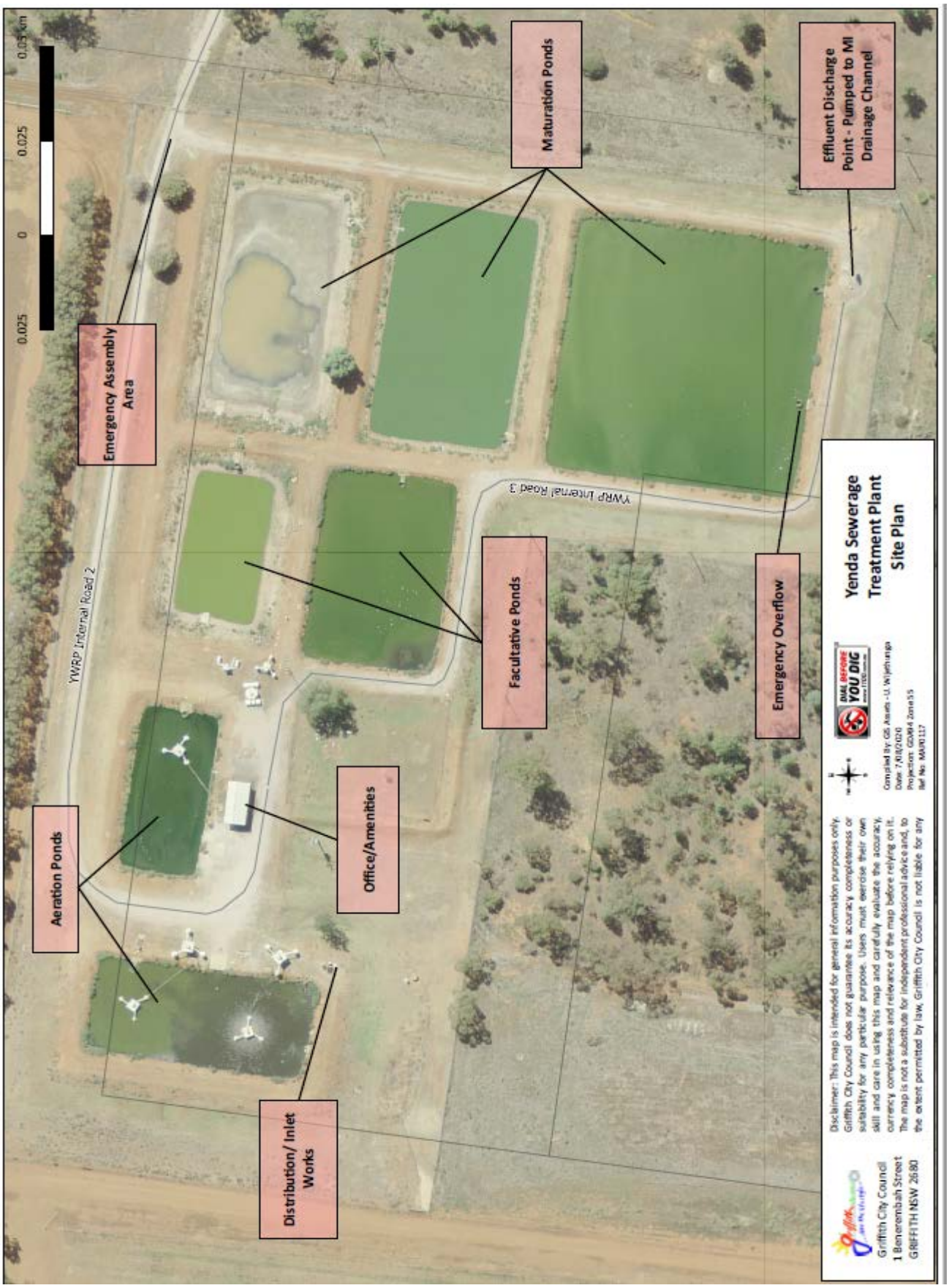
2.5 APPENDIX 5 – GRIFFITH WATER RECLAMATION PLANT - SITE PLAN



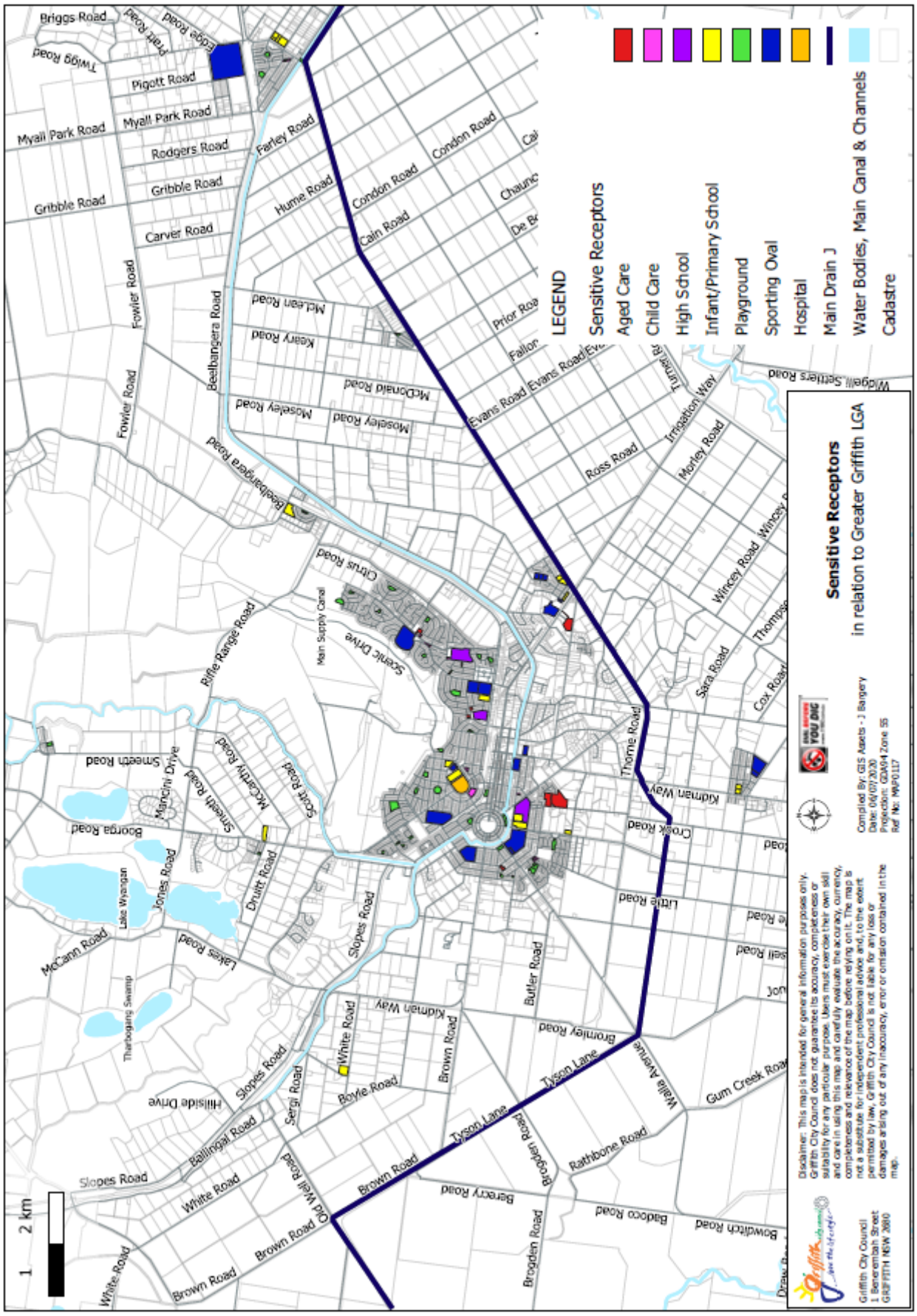
2.6 APPENDIX 6 – YENDA SEWERAGE TREATMENT PLANT – LOCALITY PLAN



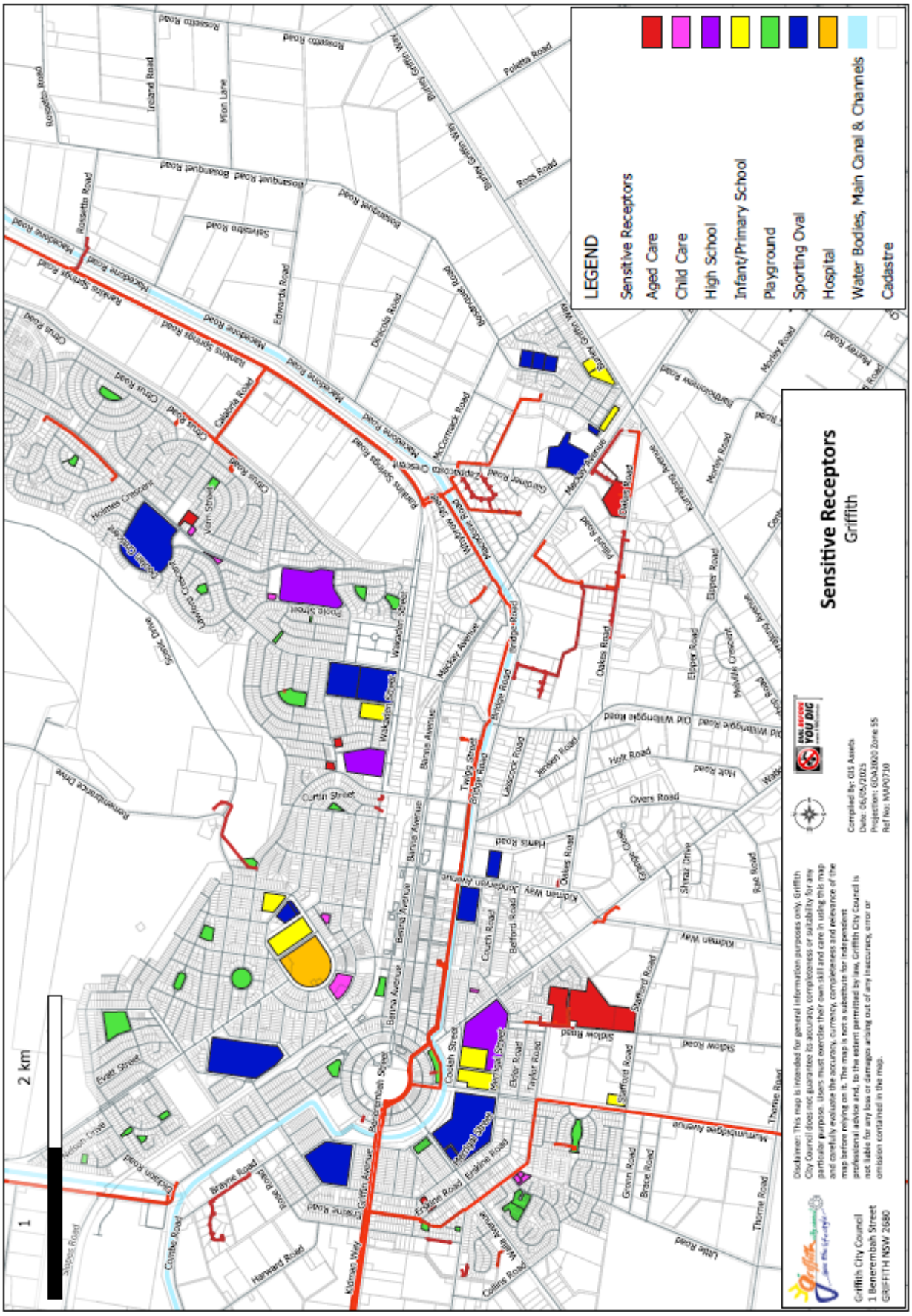
2.7 APPENDIX 7 – YENDA SEWERAGE TREATMENT PLANT - SITE PLAN



2.8 APPENDIX 8 – GRIFFITH LGA SENSITIVE RECEPTORS

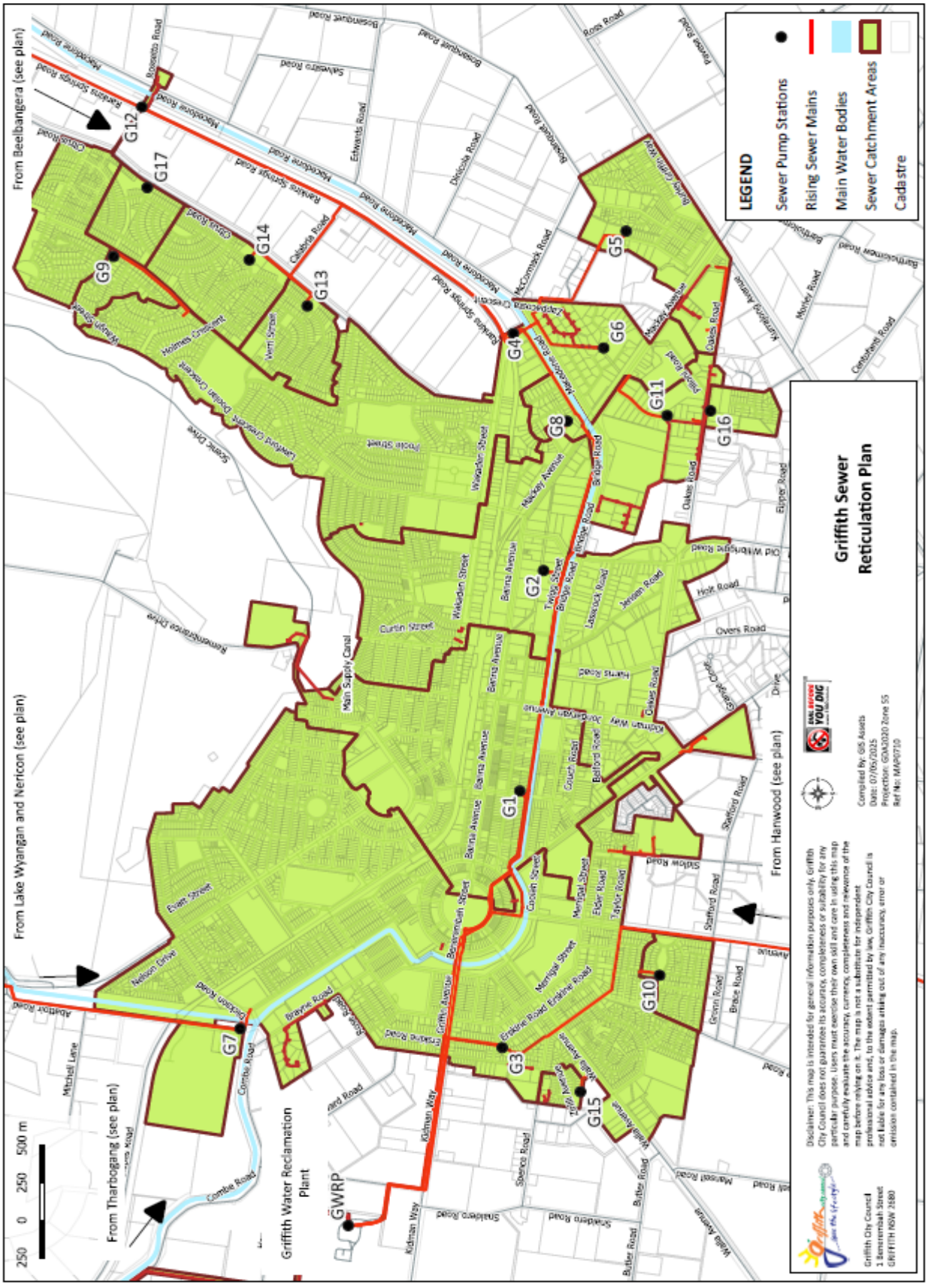


2.9 APPENDIX 9 – GRIFFITH SENSITIVE RECEPTORS

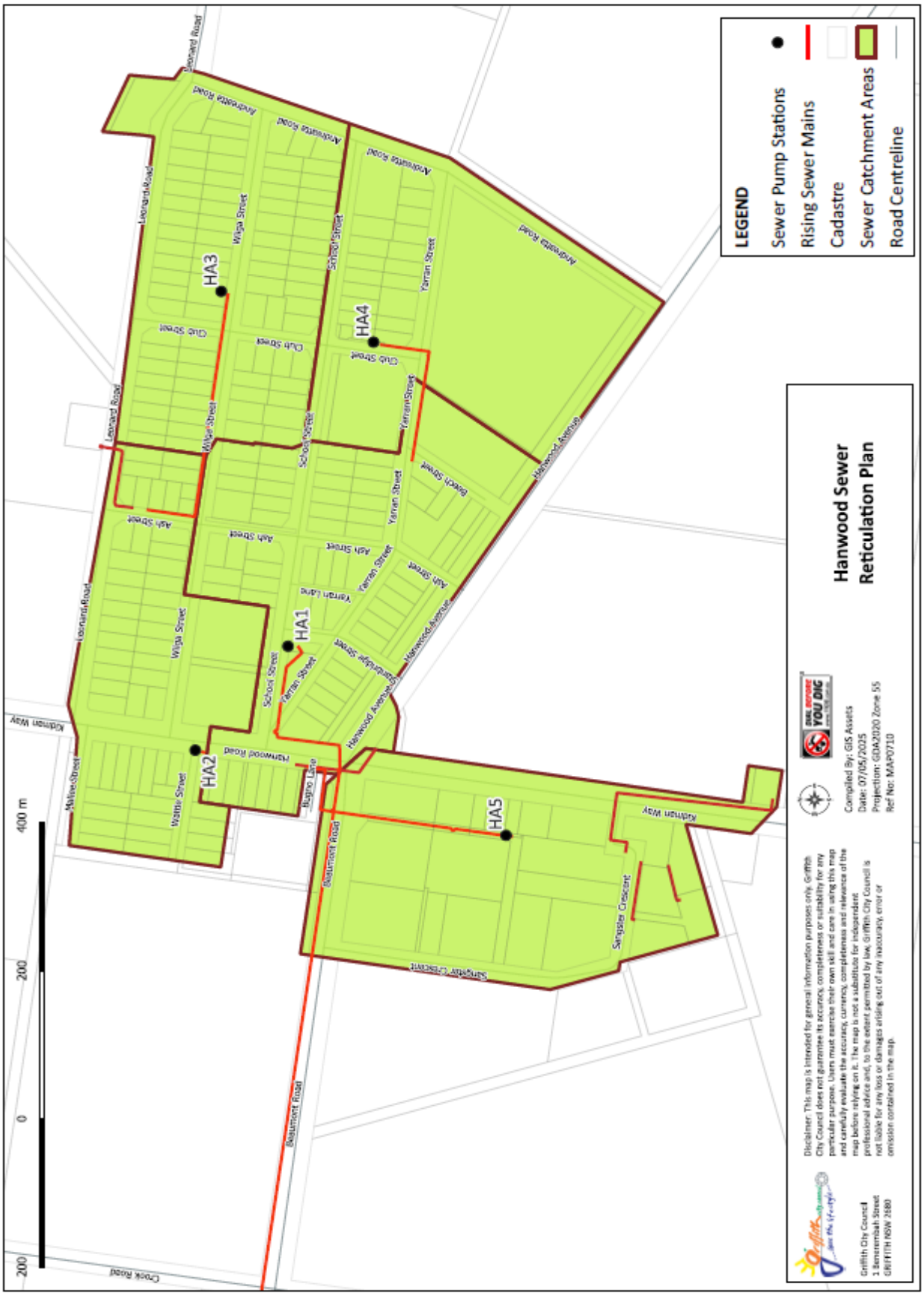


2.10 APPENDIX 10 – GRIFFITH SURROUNDING VILLAGES SENSITIVE RECEPTORS

2.11 APPENDIX 11 – GRIFFITH SEWER RETICULATION PLAN

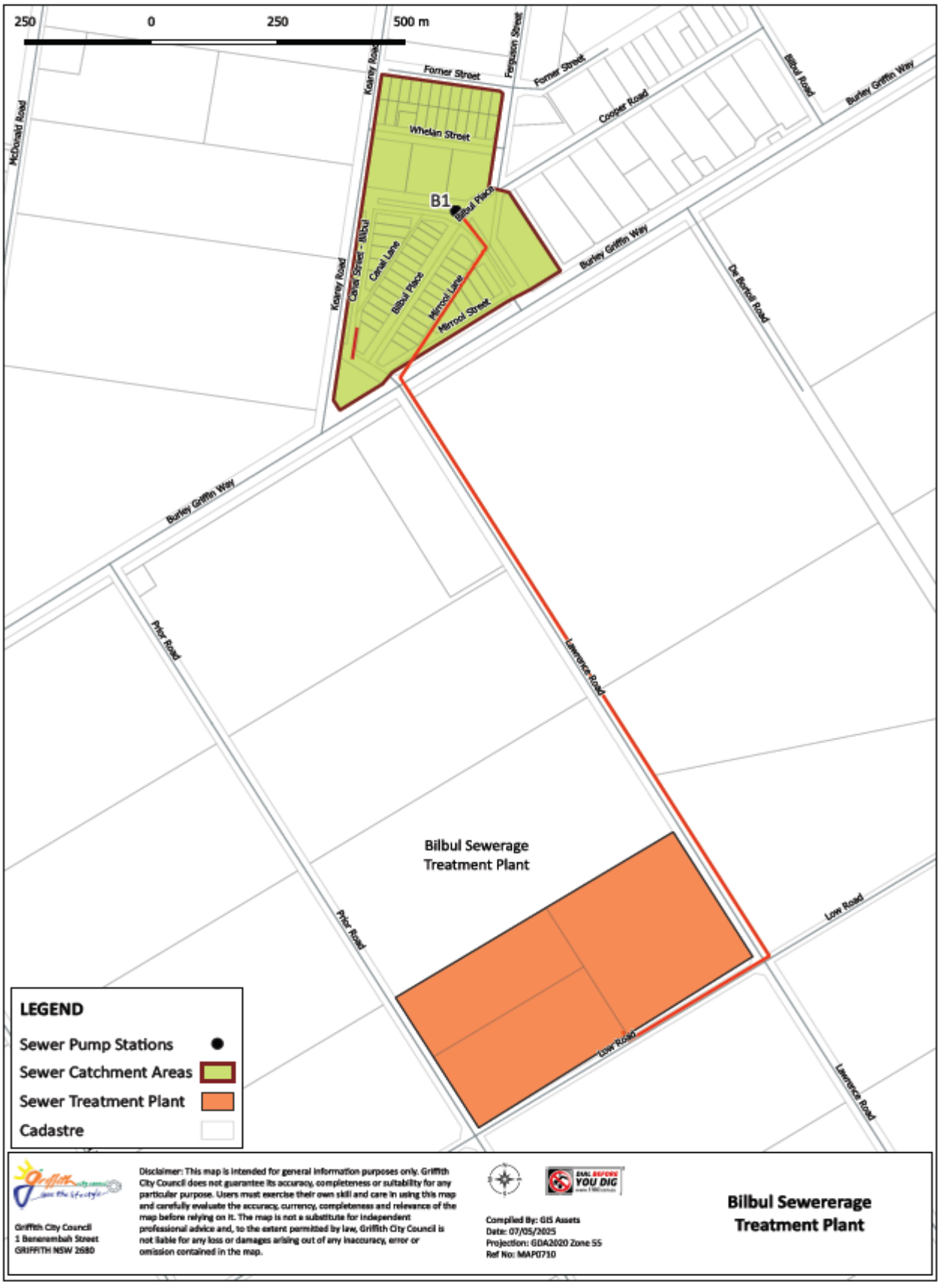


2.12 APPENDIX 12 – HANWOOD SEWER RETICULATION PLAN

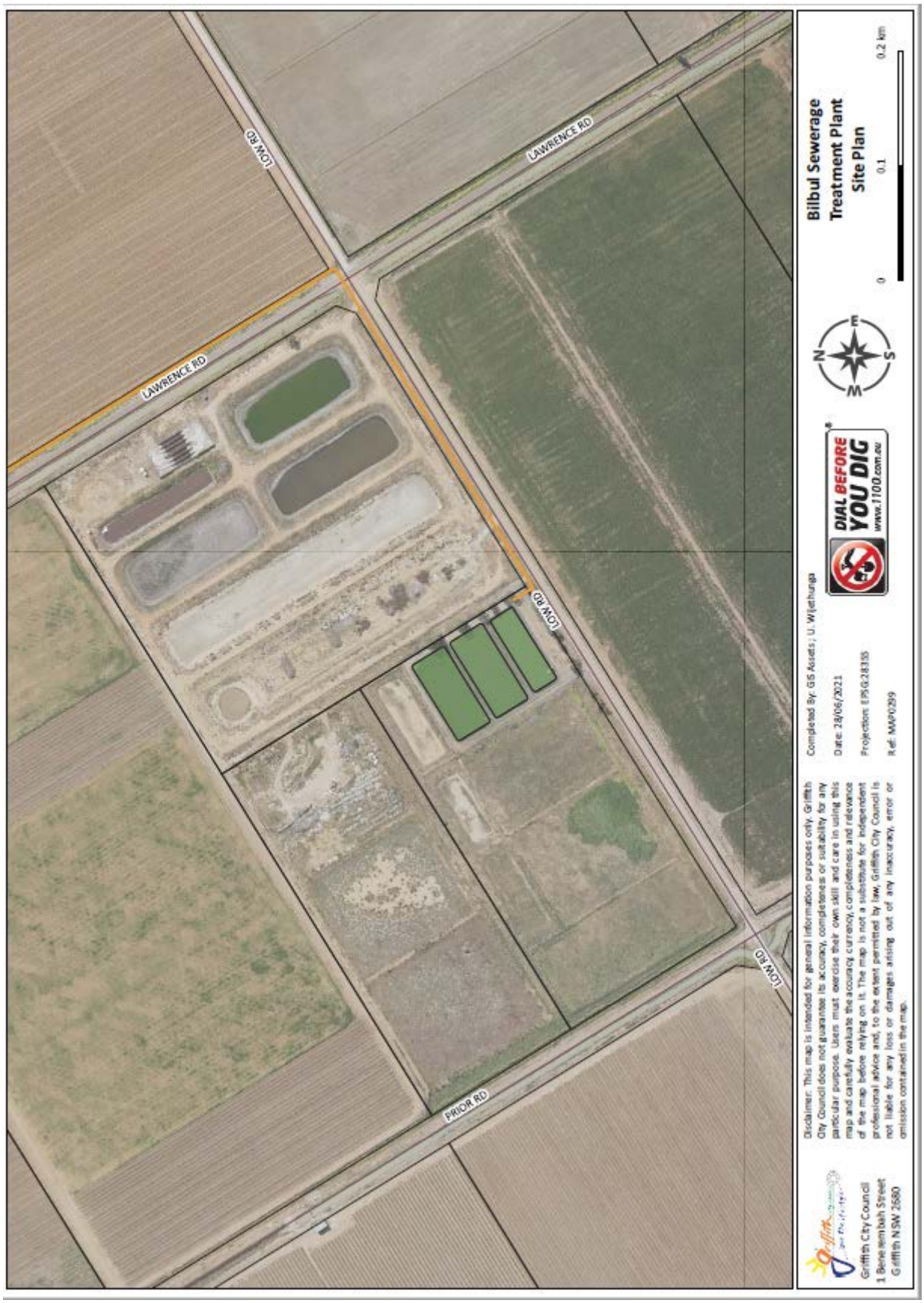


2.13 APPENDIX 13 – YENDA SEWER RETICULATION PLAN

2.14 APPENDIX 14 – BILBUL SEWERAGE TREATMENT PLANT AND LOCALITY

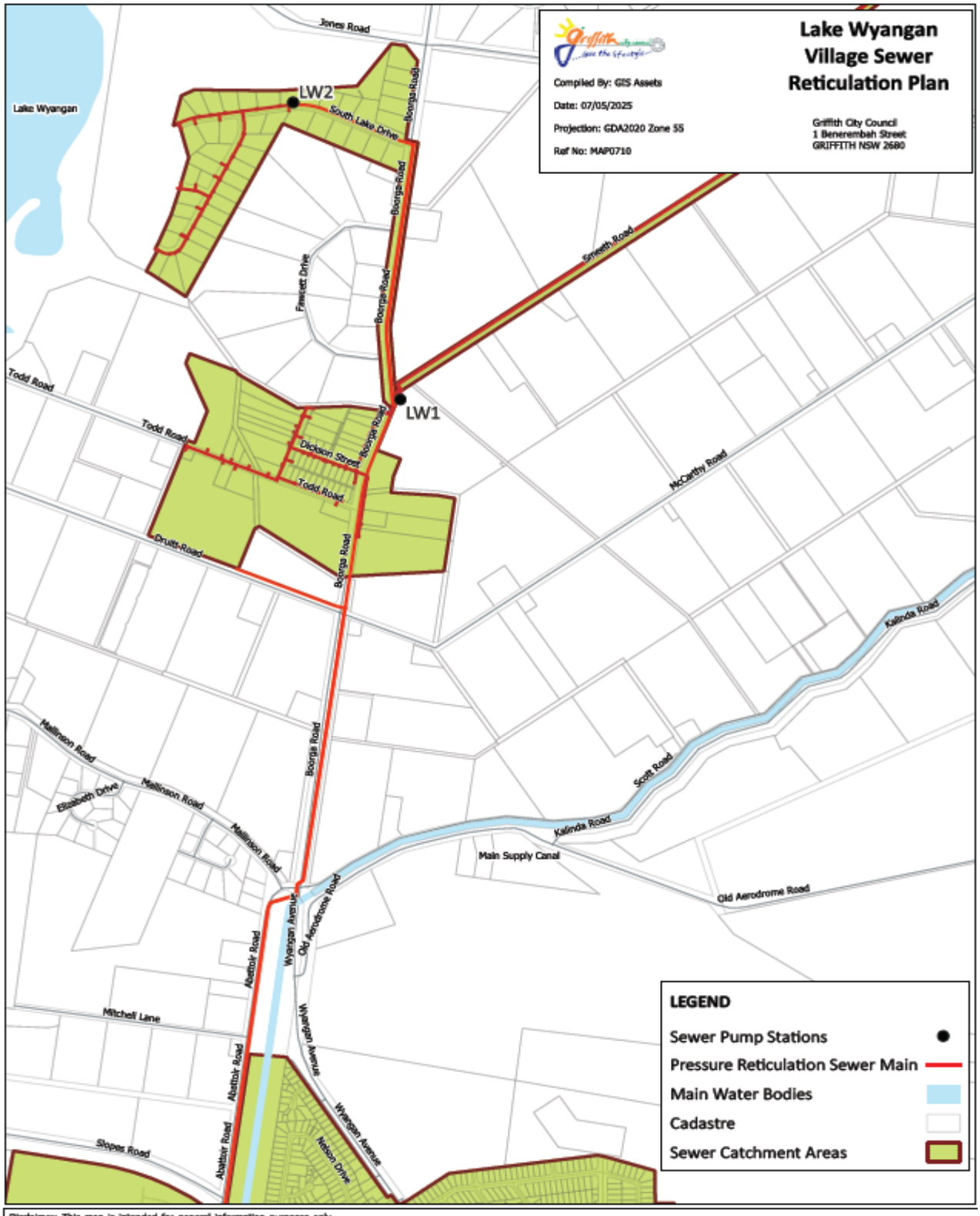


2.15 APPENDIX 15 – BILBUL SEWERAGE TREATMENT PLANT SITE PLAN



2.16 APPENDIX 16 – BILBUL SEWERAGE TREATMENT PLANT RETICULATION PLAN

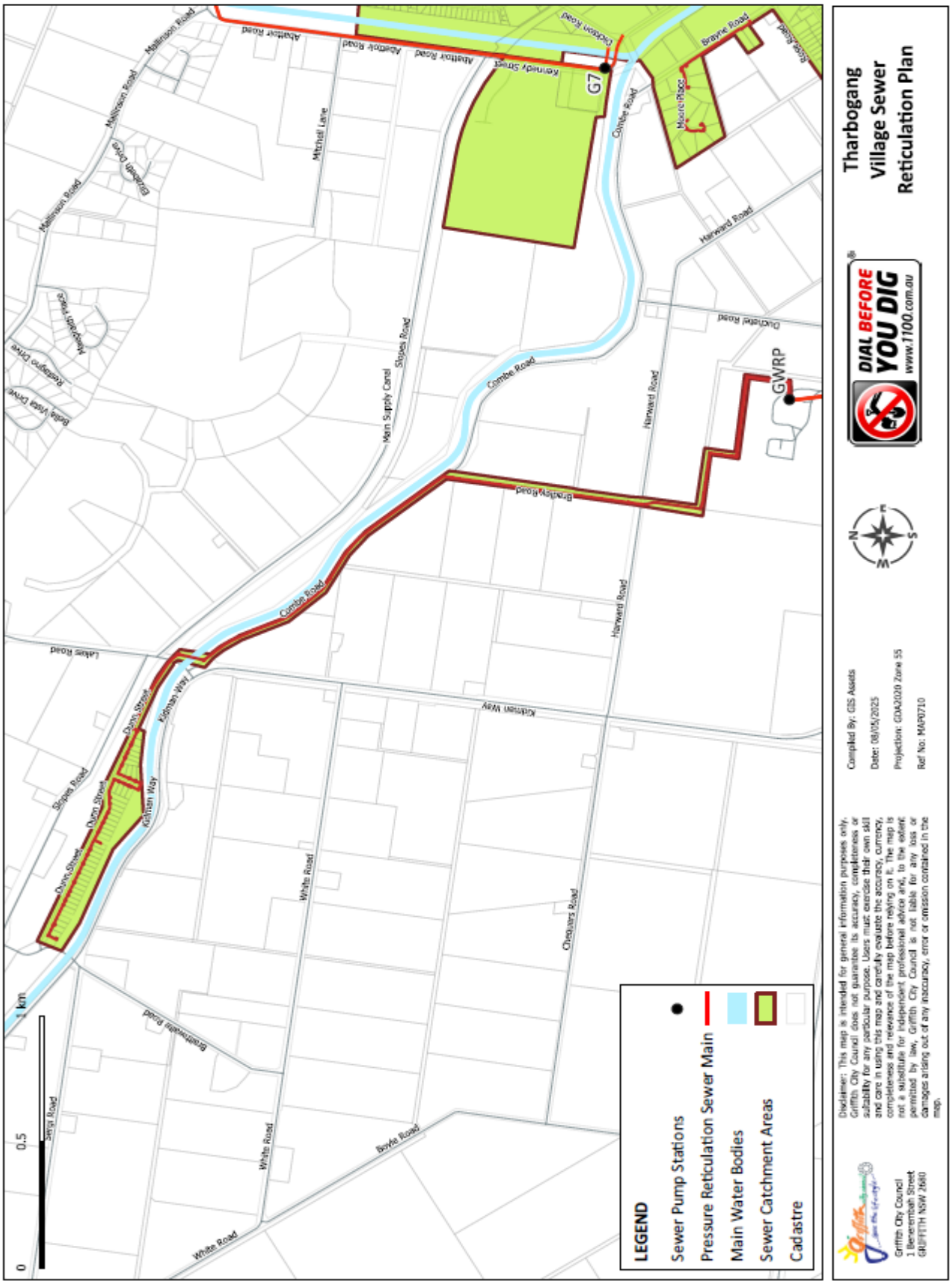
2.17 APPENDIX 17 – LAKE WYANGAN VILLAGE SEWER RETICULATION PLAN



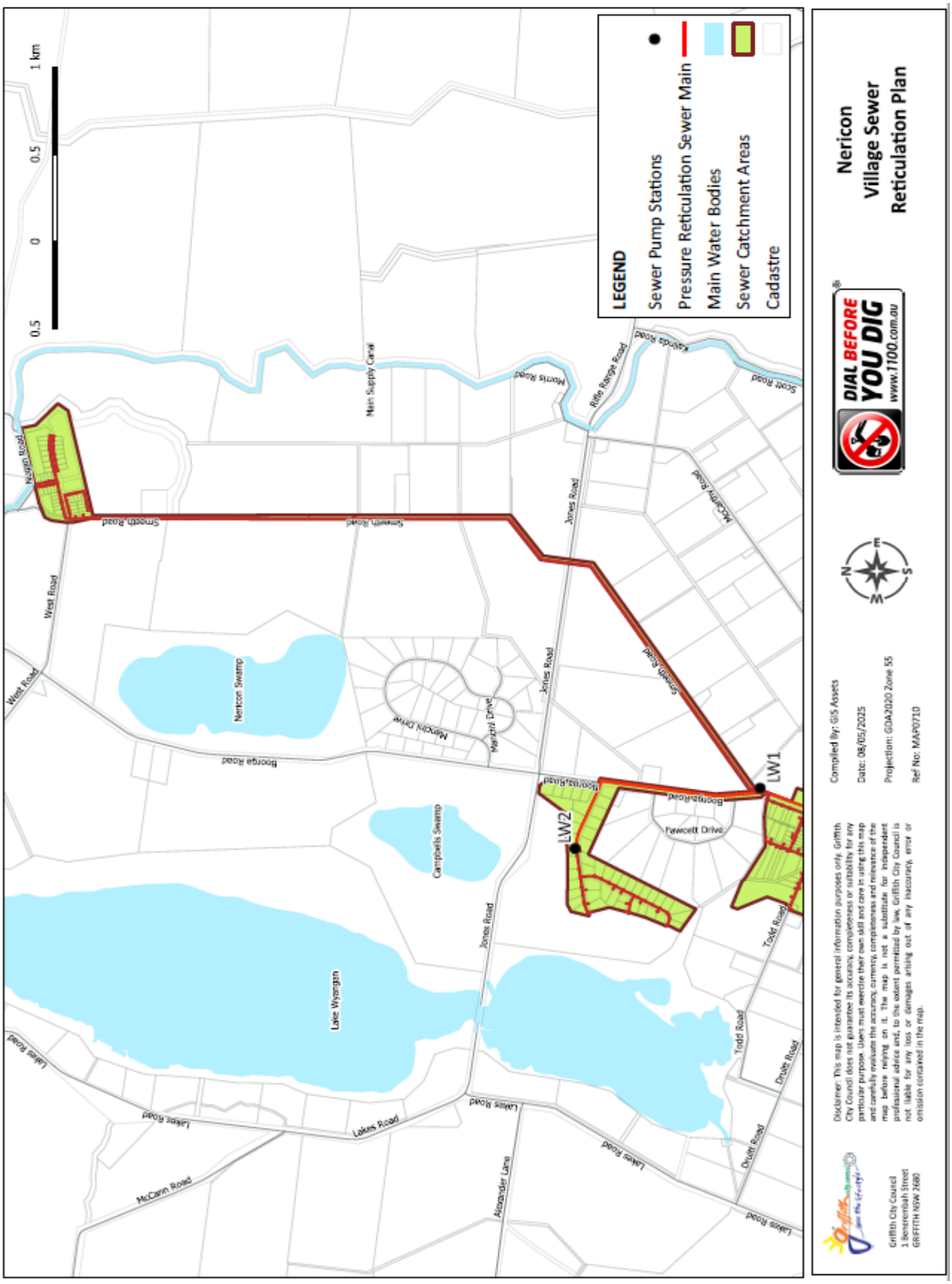
Disclaimer: This map is intended for general information purposes only. Griffith City Council does not guarantee its accuracy, completeness or suitability for any particular purpose. Users must exercise their own skill and care in using this map and carefully evaluate the accuracy, currency, completeness and relevance of the map before relying on it. The map is not a substitute for independent professional advice and, to the extent permitted by law, Griffith City Council is not liable for any loss or damages arising out of any inaccuracy, error or omission contained in the map.

DIAL BEFORE YOU DIG www.1100.com.au

2.18 APPENDIX 18 – THARBOGANG VILLAGE SEWER RETICULATION PLAN



2.19 APPENDIX 19 – NERICON VILLAGE SEWER RETICULATION PLAN



Report to Environmental Incident Hotline
LOCATION OF INCIDENT

NOTE: This form should be completed directly from CM 24/5989

Recent changes to Part 5.7 of the *Protection of the Environment Operations Act* 1997 (POEO Act) specify new requirements relating to the notification of pollution incidents. *For more information see www.environment.nsw.gov.au/pollution/notificationprotocol.htm*

☐ Project ☐ Facility ☐ Activity ☐ Location/Name:

STREET NUMBER

STREET NAME

SUBURB

NEAREST CROSS STREET

WHERE DID THE INCIDENT OCCUR

SECTION/UNIT RESPONSIBLE FOR THE SITE

☐ **Sewage**
- ☐ break in mains
- ☐ pumping station (sewage or chemical)
- ☐ sewage treatment plant
- ☐ other (ponds etc)

☐ **Waste**
- ☐ waste from Council project/facility/activity
- ☐ dumped waste
- ☐ asbestos only

☐ **General**
- ☐ spill/overflow (chemical, fuel, substance etc) *- additional detail required below*
- ☐ vegetation – disturbance / damage
- ☐ general – (heritage, water, wildlife etc)
- ☐ other

Cause
- ☐ blockage
- ☐ mechanical failure
- ☐ electrical failure or power outage
- ☐ rainfall inundation
- ☐ trade waste incident
- ☐ break in main
- ☐ other

DESCRIPTION OF INCIDENT

ACTION TAKEN TO CONTAIN / MANAGE THE INCIDENT

Were photos taken: YES ☐ NO ☐ Were samples taken: YES ☐ NO ☐

Details of person reporting the Incident

NAME

DATE

PHONE

MOBILE

DEPARTMENT SECTION

Report to Environmental Incident Hotline
INVESTIGATION

The appropriate Section Supervisor/Manager is responsible for completion of Part B of the incident report.

IMMEDIATE ACTION BY SUPERVISOR/MANAGER

Will the incident:

1. Require assistance from other agencies to contain, isolate or cleanup? YES ☐ NO ☐ NOT SURE ☐
   If "Yes" call 000 immediately.
2. Pose any actual or potential harm to human health that is not trivial? YES ☐ NO ☐ NOT SURE ☐
   - Is it located within 100m of a school, childcare centre, aged care home?
   - Could it impact on users of public areas such as ovals, reserves, waterways?
   - Could the impact spread and potentially harm occupants of nearby properties?
3. Pose any actual or potential harm to ecosystems that is not trivial? YES ☐ NO ☐ NOT SURE ☐
   - Could the incident flow / impact on a water body or drainage system?
   - Could the incident flow / impact on environmentally sensitive land?
4. Result in actual or potential loss or property damage of an amount over $10,000? YES ☐ NO ☐ NOT SURE ☐

If you answered **'yes' to any of the above** then the incident should be considered as a notifiable "pollution event". There is a **duty to notify** the EPA, Ministry of Health, WorkCover and Fire and Rescue NSW immediately after becoming aware of a pollution incident where material harm is caused or threatened. Failure to do so is an offence *(Protection of the Environment Operations Act* 1997*)*

Agency Notification

If the incident does not require an initial combat agency, or once the 000 call has been made, notify the relevant authorities in the following order.

NSW EPA (EPA Environment Line: 131 555)
Contacted: ☐ YES ☐ NO Reason not contacted:

NAME OF EPA REPRESENTATIVE	TIME AND DATE	EPA REFERENCE NUMBER

ACTIONS REQUIRED BY EPA

NSW Health – Local Public Health Unit (See www.health.nsw.gov.au/publichealth/infectious/phus.asp)
Contacted: ☐ YES ☐ NO Reason not contacted:

NAME OF PHU REPRESENTATIVE	TIME AND DATE	PHU REFERENCE NUMBER

ACTIONS REQUIRED BY LOCAL PHU

WorkCover Authority (WorkCover: 13 10 50)
Contacted: ☐ YES ☐ NO Reason not contacted:

NAME OF WORKCOVER REPRESENTATIVE	TIME AND DATE	WORKCOVER REFERENCE NUMBER

ACTIONS REQUIRED BY WORKCOVER

Fire & Rescue NSW (Emergency Hotline: 000)
Contacted: ☐ YES ☐ NO Reason not contacted:

NAME OF FIRE & RESCUE REPRESENTATIVE	TIME AND DATE	FIRE & RESCUE REFERENCE NUMBER

ACTIONS REQUIRED BY FIRE & RESCUE

CONTINUES ON REVERSE

- [ ] Internal contacts eg Environmental Health Officer
- [ ] Media
- [ ] NSW Food Authority
- [ ] Shellfish programs
- [ ] River users eg boat hiring companies
- [ ] Marine education centres
- [ ] Other

Other Notifications to Consider

Preliminary Investigations

Notes from discussions with relevant operational staff

Any further observations or comments by Supervisor / Manager

Categorisation by Authorised Officer

☐ **Minor** *No notification required*	• Incident affects small area only (eg single property) AND • Incident is easy to clean up without additional assistance, AND • There is no risk of material harm to humans or the environment.
☐ **Moderate** *Notify EPA and Local PHU only*	• Incident affects more than one property OR • There is a risk of pollution or material harm to the environment BUT • Cleanup can be completed without assistance AND • There is no danger to humans.
☐ **Major** *Notification required - Notify EPA, Local PHU, Workcover and Fire & Rescue and Murrumbidgee Irrigation*	• Potential or actual harm to humans and the environment AND/OR • Assistance is required with cleanup from other agencies.
☐ **Council Responsible**	Incident occurred as a direct result of Council activity or function.
☐ **Response by Council**	Incident occurred on Council land, or land under Council care and control BUT Council did not cause the incident.
☐ **Technical Licence Breach**	Relating to technical compliance such as exceedence of permissible discharge volume or environmental monitoring limits.

DETAILS OF APPROPRIATE SECTION SUPERVISOR/MANAGER REPORTING THE INCIDENT

NAME

DATE

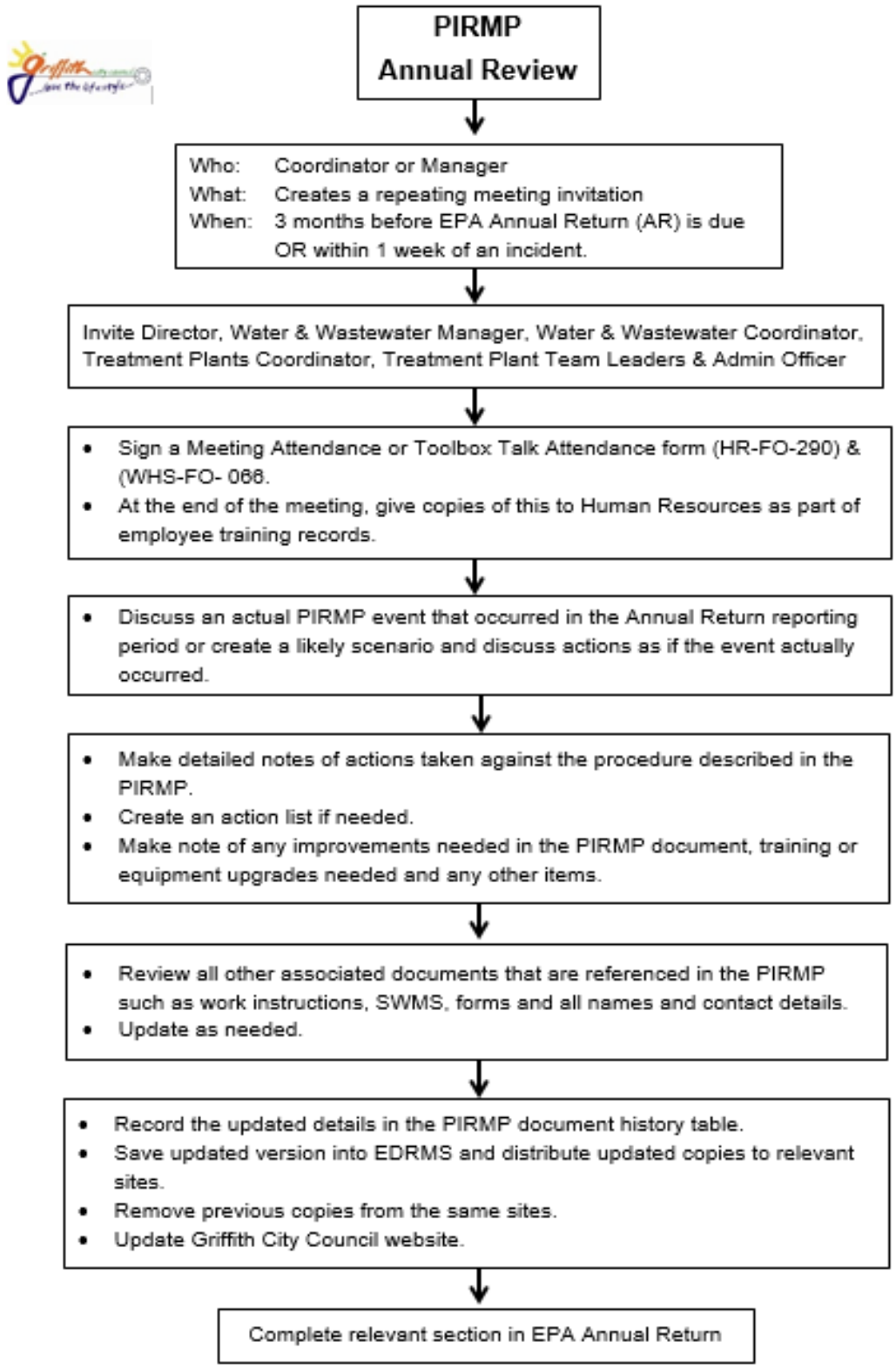
PHONE

MOBILE

DEPARTMENT SECTION

2.21 APPENDIX 21 – PIRMP ANNUAL REVIEW FLOWCHART

17/99181



Approved:	Water and Wastewater Co-ordinator	Group / System:	Utilities			Document ID:	WS-PR-101	Version:	2
Relevant To:	Water and Wastewater	Date Issued:	15/02/18	Revised:	20/08/2020	Status:	Approved	Page:	1 of 1

2.22 APPENDIX 22 – SCENARIOS FOR PIRMP REVIEW – GWRP & YSTP

Date	Brief Description of Scenario	Record Number
17/6/2016	Hypothetical situation of an Operator accidentally piercing the side of a full 1000L shuttle of Sodium Hypochlorite 12.5% with a forklift outside the bunded area on the sealed roadway which drains to Murrumbidgee Irrigation's drainage channel	16/10833
30/6/2017	H1 Pump Station Rising Main bursting on School Street between Restyn Park and Hanwood Public School	17/64240
21/6/2018	Flow Diversion from the Inlet Works has caused an overflow from Lagoon 5	20/56412
13/6/2019	Sewer Rising Main burst at City Park in Kookora St Griffith	19/45349
16/6/2020	Spillage of 1,000 Litres of Citric Acid into a drainage channel in Griffith NSW	20/55807
9/6/2021	A truck carrying 5,000L of septic waste tips over, the tank ruptures and spills its load on the northern side of the road.	21/52903
26/4/2022	Overflow at G3 Pumpstation due to Power Failure	22/47033
2/5/2023	Complete power failure at the Griffith Water Reclamation Plant greater than 24 hours	23/56790
9/5/2024	Bulky bag of Hypo not in bunded area leaks into Murrumbidgee Irrigation drainage channel	24/65945
5/5/2025	Pump failure at G13 – Overflows due to power failure (Collina)	25/39258