

# **POLLUTION INCIDENT RESPONSE MANAGEMENT PLAN**

**Corowa Sewerage Treatment Works  
Licence No 835**

<b>VERSION</b>	<b>DATE</b>	<b>BY</b>
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## Appendices

*(Appendices are not available on Public Version of Pollution Incident Response Management Plan)*

Appendix A -	Staff Training Register
Appendix B -	PIRMP Testing
Appendix C -	Sewage Overflow Notification
Appendix D -	Maps
Appendix E -	Contact Details

## 1. Introduction

This Pollution Incident Response Management Plan has been prepared as a requirement of the Protection of the Environment Legislation Amendment Act 2011 and the Protection of the Environment Operations Act 1997 Part 5.7A.

The plan provides for the immediate reporting of pollution incidents. All relevant authorities are to be notified of any pollution incident. A pollution incident is defined as any event that harms or is likely to harm the environment.

The Corowa Sewerage Treatment Plant and reticulation system as provided for in the licence comprises:

- A trickling filter plant located at 27 Nixon St Corowa
- An effluent irrigation site adjacent to Corowa Aerodrome, Redlands Rd, Corowa
- A sewer reticulation system comprising approximately 70km of gravity and pressure mains and 30 pump stations.

## 2. Procedures in Notifying an Incident

If the incident presents an immediate threat to human health or property call “000” immediately. The person initially reporting the incident is to contact the Corowa Shire Council who will then follow the procedure to notify the relevant authorities about the pollution incident:

- a) Call 000 if the incident presents an immediate threat to human health or property
- b) Notify relevant authorities in the following order:

EPA	131 555
Public Health Unit - Local Office	02 6080 8900 (24hours) – ask for Environmental Health Officer on call from the Public Health Unit if phoning A/H
Safe Work NSW (work cover)	13 10 50
Fire & Rescue NSW (if “000” was not called initially)	1300 729 579

- c) Notify neighbours and anyone directly affected.

**Contact Details for neighbouring properties and relevant Water & Sewer personnel are detailed in 0Appendix E**  
- Contact Details(not available in public version of this PIRMP)

### 3. Action to Control Pollution

The following procedure is to be adopted immediately to control a pollution incident:

- a) Federation Council (FC) to be contacted. Telephone 02 6033 8999 (b/h) or Emergency Telephone 1800 110 088 (a/h)
- b) Council staff responsible for the failed infrastructure/incident, to be contacted and directed to attend incident. (*Contact Details provided in OAppendix E - Contact Details*)
- c) Incident Control
  - a. For a **Sewer Overflow** incident:
    - Commence procedures to clear the blockage if fault is in a sewer main, or restart a pump if fault is in a sewer pump station.
    - Concurrently, contain the overflow to prevent it entering the stormwater drainage system or flooding places of residence.
  - b. For a **Chemical Spill** incident:
    - Commence procedures to stop continuation of the chemical spill.
    - Concurrently, contain the spill to prevent it entering the stormwater drainage system.
- d) When fault has been corrected the site is to be cleaned up and made safe for normal occupation.

### 4. Coordination

Agencies on the contact list have different roles. The **incident coordinator** will be the **Federation Council** who will take direction from the EPA. Fire and Rescue will control the site if there is a danger to persons and property and until this danger is eliminated. The agencies should be coordinated and used as follows:

- a) Emergency Services (000) – Police, Ambulance, Fire and Rescue

Responsible for initial action on any emergency. When asked by the “000” telephone receptionist which service is required the criteria is:

  - Police – if illegal activity evident or damage to person or property
  - Ambulance – if injury to persons
  - Fire and Rescue – if fire exists or is possible, or if chemical contamination of the environment exists or is possible.

- b) The EPA is responsible for all pollution incidents to do with this licence. Any instructions from the EPA are to be followed.
- c) The Ministry of Health is to be advised once the initial incident is under control or sooner if necessary to determine the proper course of action relating to public health.
- d) The WorkCover Authority is responsible for workplace safety and industrial practices and is responsible for determining the cause of any incident of an industrial nature, and associated liability.
- e) The Federation Council is the licensed authority whose duty it is to repair, fix, mitigate or control any failure of its infrastructure, plant or equipment which has caused the incident.

## 5. Hazards

Incident	Likelihood	Impact	Risk
Sewage overflow caused by blocked sewer main	High	Low	Medium
Sewage overflow caused by sewerage pump failure	Low	High	Medium
STW winter storage dam failure	Low	High	Low
STW offensive odour	Medium	Low	Low
Chemical storage tank failure	Low	Low	Low
Vandalism or sabotage at STW or pump station	Low	High	Low

## 6. Harm Minimisation

### Human Health:

- all persons without PPE to be kept outside incident area.
- where pollutant has entered premises residents are to be evacuated to motel accommodation and professional cleaners to be called.

### Environment:

- environmental harm is to be minimised by containment with booms or sandbags. Sandbags and sand to be found Federation Council Depot. The pollutant is to be removed as soon as possible after containment.

## 7. Early Warning and Updating

In the event of sewage overflows or chemical spills that are not contained and which may enter the Murray River, warnings will be issued to downstream users and to agencies responsible for river health and jurisdiction. Where owners and occupiers of premises in the neighbourhood are at risk of impact then warnings will be issued as soon as information is available. Updates to the information will be made according to the circumstances but frequently enough for affected parties to take appropriate action. This will be hourly if it affects accommodation or access arrangements or daily if the incident is ongoing with containment difficulties. Communication will be via telephone call unless other form of communication is requested.

## 8. Pollutants

The following pollutants/chemicals exist in the sewerage system:

Pollutant	Location	Hazard Rating	Quantity	Chemical
Sewage	all	low	high	Biological
Enzymes	Edward St P/S, Dock St P/S	Low	100 litres	
Lime	STW	Low	200kg	
Calcium nitrate	Cemetery Rd P/S	Low	2000 litres	Calcium nitrate
Diesel	Treelot	Medium	500 litres	

## 9. Safety Equipment

The following equipment is to be used as necessary in any emergency:

- Disposable overalls
- Rubber gloves
- Gumboots
- Safety glasses
- Hearing protection
- Gas monitor

All persons without PPE to be kept outside incident area