

Pollution Incident Response Management Plan

Of John Gilbert Water Treatment Plant.

On 25 June 2024.



Purpose:	To Familiarise staff with the PIRMP procedure and to test the process.
Overview:	<p>Discussed the PIRMP and the procedures to follow in the event of a pollution incident with all staff present.</p> <p>The notification speed of the incident were discussed, as per PIRMP and Management Staff on site will make sure of SAFETY FIRST and that will include stopping the overflow.</p> <p>Once that is done, notify the EPA of incident and the clean-up procedure /plan. Follow procedure of notifications as outlined in PIRMP.</p> <p>Make sure to complete relevant documents and submit to management for EPA report.</p>
Desk Top Testing - Scenario:	<p>A chlorine gas delivery has arrived, the truck parks and while unloading the last container the driver drops it, landing on the road and a small leak is detected from the valve. This causes the container to leak chlorine gas within the grounds of the JGWTP.</p> <p>It is a windy day (Westerly, towards the Macquarie River) and there are two contractors onsite conducting electrical works at the JGWTP.</p>

Staff's Response on Scenario:

- 1) Check windsock to determine wind direction and determine a safe evacuation meeting point away from the chlorine gas leak.
- 2) Due to the site contractor induction, you would have contractor details/phone number etc. Call contractors and all council staff - Tell them to move to the appropriate evacuation point.
- 3) Move truck driver to evacuation site when safe to do so.
- 4) Assess the leak capacity from afar – Dependent on size/severity, call 000 and report the leak.
 - In case of wind change (East) emergency services will need to evacuate close neighbourhood residents. Emergency services will typically take authority during this type of emergency, if required treatment staff to follow all directions of emergency service workers.
- 5) A qualified (chlorine handling) treatment technician to don appropriate PPE and check the drum that is leaking – Double check tap is isolated and shut off completely, install cap on outlet closing it off.
- 6) Speak with IXOM truck driver or call IXOM to discuss/organise a return of chlorine drum.
- 7) Inform your Water and Sewer Treatment Engineer of the situation.
- 8) Council incident report to be completed.
- 9) EPA incident PIRMP Form. Fill in and send.

Information and Testing Session of

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Comments and observations

Participants were familiar with the PIRMP in order to respond to the pollution incident scenario presented. The discussion exercise was successful in testing the PIRMP. Participants discussed and confirmed their roles in relation to the scenario and pollution incident response.

The team suggested that a list of nearby neighbours be compiled and a system in place to quickly alert neighbours (such as an automated text message) if an incident has occurred. Only to be used in situations when a gas/leak occurs with easterly winds or when neighbouring residents are in immediate danger.

Attendee list attached separately.