

MEMO / TECHNICAL NOTE

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Job: J-000709 – Gregory Hills Public School Emergency Response Procedure for Gas Pipeline Releases

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Subject: Gregory Hills Primary School Emergency Response Procedure for Gas Pipeline Releases

1 SCOPE

The new Gregory Hills Primary School is located at 28 Wallarah Circuit, Gregory Hills NSW 2557.

There are three underground high pressure gas transmission pipelines in the vicinity of the school site:

1. Jemena Gas Central Trunk Pipeline (CTM).
2. Jemena Eastern Gas Pipeline (EGP).
3. APA Moomba-Sydney Ethane Pipeline (MSE).

In the event of a major gas leak from any of the pipelines, if the leak ignites, there could be adverse thermal radiation effect on the staff and students in the school campus.

This document outlines the emergency response actions that should be undertaken by the School in the event of a gas pipeline emergency.

2 DETECTION OF GAS RELEASE AND FIRE

A pipeline leak could be detected in the following ways:

- Detected by the excavating company should the leak be caused by excavation. Before You Dig Australia (BYDA) procedures should help to prevent such an incident.
- The pipelines are monitored and a drop in pressure in the pipeline would be immediately detected and the pipeline shutdown by the gas company. This applies to any major leak or rupture.
- If ignition occurs, the fire could be seen from the School.

3 NOTIFICATION TO EMERGENCY SERVICES

The gas companies have prepared emergency response plans (ERP) for potential gas leaks and would follow the procedures.

- Should a pipeline breach occur during excavation, the excavating company would ring '000' and notify the emergency services and the gas company.
- If the School detects a fire, then the School should ring '000' and notify the Services.
- If a leak is detected by the gas company, they would take action according to the company ERP that includes notifying the emergency services.

4 ACTIONS BY SCHOOL

The School should take the following actions:

1. If a fire is detected in the direction of the pipelines, call '000' and notify of the emergency.
2. Keep the pipeline emergency contact numbers of Jemena and APA in the ERP and contact them if a fire is detected.
3. If instructed by the emergency services commander of a gas pipeline emergency, activate the School emergency alarm.
4. The "Shelter in place" response for the School's Emergency Response Plan should be implemented. All students, staff, and visitors in the open must move indoors and await further instructions. The school buildings have been designed to withstand the thermal radiation from a pipeline rupture.
5. Get under the roofed walkway as soon as possible and walk under the cover until a building is reached.
6. Move away from any windows facing the pipeline direction.
7. Staff will perform a head count of students under their care to ensure that all are accounted for, and report to the School Fire warden.
8. All people to stay indoors until emergency is declared over by the Emergency Services



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