GLEN INNES SEVERN COUNCIL

Pollution Incident Response Management Plan

for Glen Innes Aggregates – Gwydir Highway – Glen Innes

Glen Innes Severn Council
265 Grey Street
GLEN INNES NSW 2370

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About this release

Document Number:
Title: Pollution Incident Response Management Plan
Author: C.Hodder
Review By: V. Menzie

<table>
<thead>
<tr>
<th>Draft Date</th>
<th>Revision Description</th>
<th>Authorised by</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 August 2012</td>
<td>New plan for compliance with POEO Act</td>
<td>For Review</td>
</tr>
</tbody>
</table>

Management Review

This Plan will be reviewed in accordance with Section 98(c)

<table>
<thead>
<tr>
<th>Planned Review Date</th>
<th>Scope</th>
<th>Review By</th>
<th>Review Record Ref no. Date</th>
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<tbody>
<tr>
<td>1 September 2013</td>
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<td>1 September 2014</td>
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<td>1 September 2015</td>
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Endorsement of PIRMP

______________________________ / / 
General Manager                     Date
Pollution Incident Response Plan

1 Purpose & Scope
This Pollution Incident Response Plan (PIRP) has been developed to describe Glen Innes Severn Council’s response to a potential pollution incident and to meet the requirements of the Protection of the Environment Operations Act (POEO Act 1997).

The PIRP covers the facility with an Environment Protection Licence controlled by Glen Innes Severn Council and situated at Glen Innes Aggregates, Gwydir Highway, Glen Innes.

The plan covers description of potential hazards, actions to be taken to prevent additional environmental harm and details of communication required in the event of an incident. The plan is based on a risk assessment for the site.

2 Process
In the event of a pollution incident:
- Step 1: Emergency Response: Ensure personnel are safe.
- Step 2: Emergency Response: Contain the incident where possible.
- Step 3: Notify the Site Manager or Production Co-ordinator
- Step 4: The Site Manager or Production Co-ordinator to complete the notification required in section 2.6.2 if the pollution incident meets the definition in section 2.1.

2.1 Definition of Pollution Incident
A pollution incident means an incident or a set of circumstances during or as a consequence of which there is or 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.

A pollution incident is required to be notified if there is a risk of “material harm to the environment”, which is defined in section 147 of the POEO Act as:

(a) 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 that is not trivial, 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

(b) 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.

(c) Description and Likelihood of hazards
Potential pollution incidents identified include:

**Air Pollution Incident**: Escape of significant dust or smoke to atmosphere.

**Water Pollution Incident**: Escape of significant sediment, leachate or fuel off site to a watercourse.

**Noise Pollution Incident**: Noise only pollution is not included as a notifiable incident.

**Land Pollution Incident**: Escape of significant sediment, leachate or fuel off site to land.

The licenced site covered by this plan has been assessed in an individual risk assessment. The controlled nature and permitted operation under the licence at the site, storage of waste product, gravel, mulch etc currently present a low risk. The residual risk from the risk assessment is considered to be low.

### 2.3 Pre-emptive actions to be taken

The most likely forms of pollution incidents are dust or sediment runoff at this site.

Dust mitigation controls include regular watering of roadway with water cart. Watering systems are used on crushing plant to reduce the dust generated from the crushing operation with spoiling the efficiency of the product being produced.

All stormwater runoff is directed through sediment control ponds.

All fuelling of plant and equipment is carried out on site in accordance with generally accepted procedures.
### 2.4 Inventory of Pollutants

#### Pollutant Risk Register – Glen Innes Aggregates

<table>
<thead>
<tr>
<th>ID</th>
<th>Hazard/Action</th>
<th>Risk Description: (what could happen, impact cause)</th>
<th>Consequence rating</th>
<th>Likelihood rating</th>
<th>Level of risk/priority</th>
<th>Risk treatments, controls, pre-emptive mitigation measures or response</th>
<th>Controls OR Response References (SWP, SWMS, PLAN)</th>
<th>Effectiveness/Residual Risk/Actions</th>
<th>Responsibility (risk, control, or task owner, etc.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Diesel Storage: SPILL</td>
<td>Surface water contamination of Sediment Pond (Onsite)</td>
<td>Moderate</td>
<td>Likely</td>
<td>High</td>
<td>Bunding installed to Tank Bunding Holds 15,600 litres – Max filled 8,000 litres</td>
<td>BUNDING – AS 1234</td>
<td>Effective Residual (LOW)</td>
<td>Site Manager</td>
</tr>
<tr>
<td>1</td>
<td>Precoat! Storage: SPILL</td>
<td>Surface water contamination</td>
<td>Moderate</td>
<td>Unlikely</td>
<td>Low</td>
<td>Bunding Around Tank Max Capacity 10,000 litres</td>
<td>Spill Response</td>
<td>Effective Residual (LOW)</td>
<td>Site Staff</td>
</tr>
<tr>
<td>1</td>
<td>Diesel Storage: FIRE</td>
<td>Toxic smoke impact to neighbours</td>
<td>HIGH</td>
<td>Unlikely</td>
<td>High</td>
<td>Fire Fighting Equipment Installed and Tested (Fire Extinguishers &amp; Testing)</td>
<td>Emergency Response Procedures</td>
<td>Effective Residual (MED)</td>
<td>Site Staff</td>
</tr>
<tr>
<td>2</td>
<td>Oil Storage: FIRE</td>
<td>Toxic smoke impact to neighbours</td>
<td>High</td>
<td>Likely</td>
<td>High</td>
<td>Extinguishers On site fire extinguishes</td>
<td>Emergency Response Procedures</td>
<td>Effective</td>
<td>Production Co-ordinator</td>
</tr>
<tr>
<td>2</td>
<td>Oil Storage: SPILL</td>
<td>Surface water contamination of Sediment Pond (Onsite)</td>
<td>Moderate</td>
<td>Likely</td>
<td>High</td>
<td>Oil drums on top of bunding BUNDING – AS 1234</td>
<td>Effective Residual (LOW)</td>
<td>Site Manager</td>
<td></td>
</tr>
</tbody>
</table>

Items of a domestic nature or in domestic packaging has been excluded from this list
2.5 Safety Equipment

A spill kit is available on site.

Plant and equipment is available to create additional bunding in the event of significant sediment runoff or a fuel spill using material available on site.

2.6 Contact Details

<table>
<thead>
<tr>
<th>Title</th>
<th>Name</th>
<th>Contact Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Director of Infrastructure</td>
<td>Vanessa Menzie</td>
<td>See Annexure “A”</td>
</tr>
<tr>
<td>Quarry Manager</td>
<td>Chris Hodder</td>
<td>See Annexure “A”</td>
</tr>
<tr>
<td>Production Co-ordinator</td>
<td>Shannon Weir</td>
<td>See Annexure “A”</td>
</tr>
<tr>
<td>Council Incident Line</td>
<td>Varies</td>
<td>See Annexure “A”</td>
</tr>
</tbody>
</table>

2.6.2 Notification of External Parties

The following table outlines the contact details and correct sequence for notification in the event of a notifiable pollution incident. The Quarry Manager will, after notifying the Director of Infrastructure of the incident, carry out the notifications required by the table below.

<table>
<thead>
<tr>
<th>Emergency Services (If dealing with an emergency)</th>
<th>Police</th>
<th>Fire</th>
<th>Ambulance</th>
<th>Contact Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>EPA</td>
<td>Environment Line</td>
<td>131555</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ministry of Health</td>
<td>Public Health – Tamworth</td>
<td>(02) 6764-8000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Workcover</td>
<td></td>
<td></td>
<td></td>
<td>131050</td>
</tr>
<tr>
<td>Glen Innes Severn Council</td>
<td>Administration Desk</td>
<td>(02) 6730-2300</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fire and Rescue</td>
<td>(To be notified of an incident that is not an emergency)</td>
<td>000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mines Inspector – Angus McDouall</td>
<td></td>
<td></td>
<td></td>
<td>(02) 6738-8500</td>
</tr>
</tbody>
</table>
2.7 Communicating with neighbours and local community

In the event of a notifiable incident, neighbouring properties will be phoned to be advised of the situation.

When a blast is planned, the Director of Infrastructure will be advised. The media officer will also be advised so that a notice can be placed in the Council section of the local newspaper advising of an impending blast and approximate date.

On the day of the blast, warning advices will be issued by the local commercial radio stations and on community radio.

When the approximate time of the blast is known, neighbouring properties will be advised by telephone of the approximate time of the blast.

2.8 Minimising harm to persons on the premises

Refer to the emergency response plan for the site contained in the Mine Safety Management Plan. At all time minimising harm to persons shall be a priority.

2.9 Training, Testing and Review

There is a very low risk of a pollution incident occurring. Council will review the PIRP after 12 months. Testing of the plain will be carried out at the time of review.

The plan will be implemented by 1st September 2012 and then various aspects will be discussed during regular toolbox meetings.

All staff will be trained in the PIRP and records maintained in the Councils data management system.

A copy of this plan will be uploaded to the Council website and kept within the site folder.