

Permit number:	EPAEA/1/2019
Environmental Authority Takes Effect:	6 April 2020

Environmental authority takes effect when your related development application is approved

ENVIRONMENTAL AUTHORITY HOLDER(S)

Name:	Colas Queensland Pty Ltd
Trading Name:	Colas Queensland Pty Ltd
Registered address:	270 Urraween Road, Hervey Bay Qld 4655

ENVIRONMENTALLY RELEVANT ACTIVITY LOCATION

Street address:	59793 Bruce Highway, Midgee Qld 4702
Real property description:	L 2 RP 888747 Parish of Plews

ENVIRONMENTALLY RELEVANT ACTIVITY

ERA 6 Asphalt Manufacturing

The description of any environmentally relevant activity (ERA) for which an environmental authority is issued is a restatement of the ERA as defined by legislation at the time the approval is issued. Where there is any inconsistency between that description of an ERA and the conditions stated by an environmental authority as to the scale, intensity or manner of carrying out an ERA, then the conditions prevail to the extent of the inconsistency.

An environmental authority authorises the carrying out of an ERA and does not authorise any environmental harm unless a condition stated by the authority specifically authorises environmental harm.

A person carrying out an ERA must also be a registered suitable operator under the *Environmental Protection Act 1994* (EP Act).

TERM OF ENVIRONMENTAL AUTHORITY

This authority will lapse if the authority is cancelled, surrendered or suspended.

ANNUAL FEE

A Council resolution was made on 25 March 2020 to not charge annual fees for environmental authorities for a period of 12 months in response to the Covid-19 pandemic. The first annual fee is will be payable on the next anniversary date which is 6 April 2021.

The anniversary date of this environmental authority is the same day each year as the effective date. An annual return and the payment of the annual fee which is currently \$4052.00 will be due each year on this day.

CONTAMINATED LAND

It is a requirement of the *Environmental Protection Act 1994* that if an owner or occupier of land becomes aware a notifiable activity (as defined in Schedule 3 and Schedule 4) is being carried out on the land, or that the land has been, or is being, contaminated by a hazardous contaminant, the owner or occupier must, within twenty-two business days after becoming so aware, give written notice to the chief executive.

Obligations under the *Environmental Protection Act 1994*

In addition to the requirements found in the conditions of this environmental authority, the holder must also meet their obligations under the EP Act, and the regulations made under the EP Act. For example, the holder must comply with the following provisions of the Act:

- General environmental duty
- Duty to notify environmental harm
- Offence of causing serious or material environmental harm
- Offence of causing environmental nuisance
- Offence of depositing prescribed water contaminants in waters and related matters
- Offence to place contaminant where environmental harm or nuisance may be caused

Conditions of environmental authority

The environmentally relevant activity(ies) conducted at the location as described on the first page must be conducted in accordance with the following site specific conditions of approval.

Agency Interest: General	
Condition Number	Condition
1	The holder must not change, replace or operate any plant or equipment if the change, replacement or operation of the plant or equipment increases, or is likely to substantially increase, the risk of environmental harm.
2	The holder must keep environmental monitoring results until the authority has been surrendered. All records and documents required to be kept by a condition of this authority must be kept at the premise for a period of not less than 5 years. These records and documents are to be made available for examination by an Authorised Person immediately on request.
3	The holder must at all times install and maintain plant and equipment in proper working order.
4	A complaints register must be kept at the premise and all complaints received about the activity must be recorded in the register with the following details: <ol style="list-style-type: none"> a. Time, date and nature of the complaint; b. Type of communication (telephone, letter, in person etc.); c. Name, contact address and contact telephone number of the complainant (if the complainant does not wish to be identified then 'non identified' is to be recorded); d. Response and investigation undertaken in response to the complaint;

	<p>e. Name of the person responsible for investigating the complaint; and</p> <p>f. The action taken as a result of the complaint/investigation and the signature of or under the authorised holder.</p>																						
5	<p>An incident register must be kept at the premise and it must record any incidents including but not limited to:</p> <p>a. Any fire at the premise; and</p> <p>b. Any release of contaminants not in accordance with the development conditions.</p>																						
6	<p>A copy of development approval conditions (D/83-2019) and the environmental authority conditions must be kept on-site in a location readily accessible to personnel carrying out the activity.</p>																						
Agency Interest: Air																							
Condition Number	Condition																						
7	<p>Odour and visible contaminants, including but not limited to dust, fumes, smoke, aerosols, overspray or particulates, must not be released to the environment in a manner that will or may cause environmental nuisance or harm unless such release is authorised by the Administering Authority.</p>																						
8	<p>Contaminants must only be released to air from the point source in accordance with Table 1 – Point source air release limits and the associated requirements.</p> <p>Table 1 – Point source air release limits and the associated requirements</p> <table border="1"> <thead> <tr> <th>Release Point</th> <th>Minimum release height (m)</th> <th>Minimum velocity (m/sec)</th> <th>Contaminant release</th> <th>Maximum release limit (at 15% O₂)</th> <th>Monitoring Frequency</th> </tr> </thead> <tbody> <tr> <td rowspan="6">Asphalt Plant Stack</td> <td rowspan="6">10</td> <td rowspan="6">25</td> <td>Total Solid Particulates (TSP)</td> <td>50mg/Nm³</td> <td rowspan="6">Stack must be monitored for the contaminants within three months of the commissioning of the plant and annually thereafter</td> </tr> <tr> <td>Nitrogen Oxides (as NO_x)</td> <td>350mg/Nm³</td> </tr> <tr> <td>Carbon Monoxide (CO)</td> <td>400mg/Nm³</td> </tr> <tr> <td>Total Heavy Metals (Note 1)</td> <td>1mg/Nm³</td> </tr> <tr> <td>Hydrogen Sulfide (H₂S)</td> <td>5mg/Nm³</td> </tr> <tr> <td>Volatile Organic Compounds (VOC)</td> <td>40/mg/Nm³</td> </tr> </tbody> </table>	Release Point	Minimum release height (m)	Minimum velocity (m/sec)	Contaminant release	Maximum release limit (at 15% O ₂)	Monitoring Frequency	Asphalt Plant Stack	10	25	Total Solid Particulates (TSP)	50mg/Nm ³	Stack must be monitored for the contaminants within three months of the commissioning of the plant and annually thereafter	Nitrogen Oxides (as NO _x)	350mg/Nm ³	Carbon Monoxide (CO)	400mg/Nm ³	Total Heavy Metals (Note 1)	1mg/Nm ³	Hydrogen Sulfide (H ₂ S)	5mg/Nm ³	Volatile Organic Compounds (VOC)	40/mg/Nm ³
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	<p>Note 1: Total heavy metals includes the elements of antimony, arsenic, cadmium, lead, beryllium, chromium, cobalt, manganese, nickel, selenium, tin, vanadium, mercury, and any compound containing one of those elements.</p> <p>Associated requirements:</p> <ol style="list-style-type: none"> 1. The release of contaminants from a point source must be directed vertically upwards without any impedance or hindrance. 2. Monitoring must be undertaken during a release and at the authorised release points, frequency and for the contaminants specified in Table 1. 3. Monitoring must be undertaken when emissions are expected to be representative of actual operating conditions for the sample period. 4. All monitoring devices must be effectively calibrated and maintained in accordance with the manufacturer's instructions and Australian and international standards. 5. Air monitoring devices must in accordance with the current edition of Queensland's Department of Environment and Science's Air Quality Sampling Manual. If monitoring requirements are not described in the Air Quality Sampling Manual, monitoring protocols must be in accordance with a method as approved by New South Wales EPA, Victorian EPA or United States EPA. 6. Monitoring provisions for the release of points (stack) listed in Table 1 must comply with the Australian Standard AS 4323.1-1995 "Stationary source emissions Method 1: Selection of sampling provisions". 7. All air emission stack monitoring must be conducted by an experienced person or body which holds current National Association of Testing Authorities (NATA). 8. The following tests must be performed for each required determination specified in Table 1: <ol style="list-style-type: none"> a. Gas velocity and column flow rate; b. Temperature and oxygen content; and c. Water vapour concentration. 9. During the sampling period the following additional information must be gathered: <ol style="list-style-type: none"> a. Plants throughput rate at the time of the sampling; b. Any typical factors that may influence air pollutant emissions; c. Reference to the actual test methods and accuracy's.
9	Stockpiles must be enclosed by walls on at least three sides and remain 0.5m below the top of the walls and 0.5m inside the open ends of the enclosure.
Agency Interest: Water	
Condition Number	Condition
10	The activity must be carried out by such practicable means, which may be necessary to prevent or minimise the release of contaminants, soil or silt to stormwater.
11	Stormwater must be prevented from entering contaminated work areas. Any stormwater which may enter into a contaminated area must be treated through the onsite treatment pond before release.
12	An appropriate spill kit must be kept on site for neutralising or decontaminating spills. The spill kit must be clearly identifiable, maintained regularly and stored

	<p>in a central location that is easily accessible to employees. Staff must be adequately trained in the use of these materials. The spill kit may consist of:</p> <ol style="list-style-type: none"> A bin with a tight fitting lid, partially filled with non-combustible absorbent material such as vermiculite; A broom, shovel, face shield, chemically resistant boots and gloves; Waste bags and ties.
13	Any spillage of environmentally hazardous liquids or other materials must be cleaned up as quickly as practicable. Any spillage of waste and/or chemicals must not be hosed or swept into any stormwater drainage system, road side gutters or waters.
14	All chemicals including fuel must be stored within a secondary containment system/s. Secondary containment systems must be able to hold the volume of the largest container within the system.
Agency Interest: Noise	
Condition Number	Condition
15	The activity must be carried out by such practicable means which may be necessary to prevent or minimise the emission of noise.
16	Noise from the activity shall not cause an environmental nuisance.
Agency Interest: Land	
Condition Number	Condition
17	The activity must be carried out by such practicable means, which may be necessary to prevent or minimise the release of contaminants to land.
Agency Interest: Waste	
Condition Number	Condition
18	Regulated waste and any other waste must not be released into the environment, stored transferred or disposed of in such a manner that it will or may cause environmental harm or nuisance. This includes any waste being burnt or incinerated at the premise.
19	All regulated waste is to be removed from the premise by a licenced regulated waste transporter.
20	<p>Where regulated waste is removed from the premise, the holder of this environmental authority must monitor and record the following:</p> <ol style="list-style-type: none"> The date, quantity and type of waste removed; Name of the licensed regulated waste transporter and/or disposal operator; and The intended treatment/disposal destination of the waste.

Attachments

Nil



Stacey Joyner
Environmental Health Officer

Date issued: 08 April 2020