

ENVIRONMENT PROTECTION AUTHORITY  
SOUTH AUSTRALIA

Environmental Authorisation under Part 6 of the Environment Protection Act 1993

**LICENCE**

EPA 2333

**Penrice Soda Products Pty Ltd**

PO Box 234  
ANGASTON SA 5353

**Location**

Penrice Road, ANGASTON 5353 SA

**Licensed Activities**

The Licensee(s)

- Penrice Soda Products Pty Ltd

is (are) authorised to undertake the following activities of environmental significance under Schedule 1 Part A of the Environment Protection Act 1993 (the Act), subject to the conditions of licence set out in the attached pages:

7(7) Extractive Industries

**Term of Licence**

Commence Date: 01-DEC-2008

Expiry Date: 30-NOV-2009

Delegate



**Environment Protection Authority**

26 November 2008

This licence is not valid unless signed

Conditions of licence to follow

Definitions

"the Act" means the Environment Protection Act 1993.

"the Authority" means the Environment Protection Authority established under Division 1 of Part 3 of the Act.

"the Premises" means, at the time of issue of this authorisation, the whole of the land comprised in Titles Register - Certificate of Title, Crown Lease and Crown Record:

List of Titles

CT 5184/592  
CT 5185/25  
CT 5197/221  
CT 5197/247  
CT 5197/296  
CT 5197/303  
CT 5197/306  
CT 5197/310  
CT 5197/312  
CT 5197/313  
CT 5197/316

Acronyms

"EIP" means Environment Improvement Programme.

Explanatory Notes

(NB. - Explanatory Notes do not constitute a part of this Authorisation)

1. This licence does not permit any activity in breach of any other approval by any other authority. For example, this licence does not permit any activity on the Premises which is not authorised under the Development Act 1993. It is the responsibility of the Licensee to ensure that any action or activity referred to in this licence is permitted by, and is carried out in compliance with, statutory requirements.
2. This licence is subject to the Act.
3. Conditions of this licence can be varied by the Authority in accordance with section 45 of the Act.
4. This licence can be suspended, cancelled or surrendered during the term of the licence in accordance with sections 55 and 56 of the Act.
5. The Licensee must report to the Authority all incidents causing or threatening serious or material environmental harm, upon becoming aware of the incident, in accordance with section 83 of the Act.
6. 1. The Licensee must be aware of, and comply with:
  - 1.1 the requirements of the Environment Protection Policies which operate pursuant to the Act; and
  - 1.2 the requirements of any National Environment Protection Measure which operates as an Environment Protection Policy under the Act.2. These requirements govern permissible procedures and protocols, emission or concentration levels, as well as operation and/or maintenance standards of plant and equipment.
7. Should the conditions of this licence require that the Licensee submit a report or other information to the Authority, then that report or that information becomes the property of the Authority.
8. The Authority undertakes to provide written advice within 14 days of receipt of all information required for assessment.

**CONDITIONS OF LICENCE**

The Licensee is authorised to conduct the prescribed activities as described in this licence on the Premises nominated, subject to the following conditions:

**Compliance Date**

1. (315-92) The Licensee must, in the event of an emergency or contingency, operate the Premises in accordance with the document entitled 'Penrice Mine Emergency Response Manual' dated 8 February 2001.
  
2. (180-12) The Licensee must ensure that sealed roadways are kept clean, concrete bunds and stormwater drainage systems are maintained in effective working order, and washdown water is treated to remove suspended sediment and other contaminants.
  
3. (180-28) The Licensee must ensure that trucks and other vehicles leaving the Premises do not deposit silt, dust or mud on sealed roadways at levels that may be regarded as a nuisance to other users of the roadways.
  
4. (180-7) The Licensee must ensure that effective silt retention devices (such as basins, dams or traps) are used to minimise the amount of suspended material discharged from the Premises to watercourses.
  
5. (180-11) The Licensee must ensure that uncontaminated material (free of oil, grease and other toxicants) taken from silt retention devices is disposed of:
  1. to an area well removed from any watercourse; or
  2. to an area well above the silt retention devices where drainage from the material can run into on-site water storage dams.
  
6. (180-18) The Licensee must ensure that a record is kept of when silt retention devices are cleaned, the amount of material removed and where the material is deposited.

**General Condition(s)**

7. (400-211) If the Licensee's name or address (or both) changes, then the Licensee must inform the Authority within one month of the change occurring.

8. (400-73) The Licensee must pay the fee for renewal of this licence by no later than 30 days before expiry.
9. (400-214) The Licensee must display a copy of this licence on a notice board or other suitable place at the Premises.
10. (400-215) The Licensee must ensure that every employee, agent or contractor responsible for carrying out any task controlled by this licence is properly advised as to the requirements of this licence and the general environmental duty under section 25 of the Act that relate to that person's tasks and responsibilities as employee, agent or contractor.
11. (400-212) **PROCESS CHANGE - CONSENT FOR CERTAIN WORKS**
1. The Licensee must not carry out works for the construction or alteration of a building or structure, or the installation or alteration of plant or equipment for use in the course of any activity undertaken pursuant to this licence, where such works, installations or alterations are likely to result in:
- 1.1 an alteration of the process by which the pollution or waste arising from the activity occurs; or
- 1.2 an increased level, or change in the nature, of the pollution or waste arising from the activity; or
- 1.3 a relocation of the point of discharge of pollution or waste at the Premises,
- without application for, and subsequent approval from, the Authority.
2. The Licensee must, upon application for the construction, installation or alteration of works, provide details to the Authority to enable the Authority to make an assessment of the environmental impact of the proposed works to be undertaken.
12. (400-201) The Authority may during the term of this licence impose or vary conditions:
1. in relation to testing, monitoring and reporting referred to in section 52(1)(a) of the Act;
2. which require the Licensee, in accordance with section 53 of the Act, to prepare a plan of action to be taken in the event of an emergency;

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3. which require the Licensee to develop an EIP as set out in section 54 of the Act and to comply with the requirements of the EIP;
4. which relate to provision of information relating to the Licensee or any agent or contractor undertaking any activity on behalf of the Licensee pursuant to this licence; and
5. which relate to provision of information relating to the activity subject to the licence including the levels of inputs and outputs and the amounts of pollutants or waste generated by the activity.
13. (400-84) 1. The Licensee must:
- 1.1 notify the Authority when an incident occurs which results in the release of solid, liquid or gas (or a combination thereof) at the Premises is not specifically authorised by this licence and is not trivial due to the following:
- 1.1.1 plant or equipment breakdown or malfunction;
- 1.1.2 power generation failure;
- 1.1.3 pipe or pipeline breakage;
- 1.1.4 storage container or vessel fracture;
- 1.1.5 bund fracture, leakage or overflow;
- 1.1.6 a physical or chemical reaction;
- 1.1.7 transportation vehicle breakdown, or malfunction;
- 1.1.8 using plant or equipment for a purpose for which it was not designed;
- 1.1.9 operating or maintaining plant, vehicles or equipment in an improper manner; or
- 1.1.10 failure to process, handle, move or store goods and or materials in a proper manner.
- An example of a trivial incident that does not need to be reported, is one that results in a minor release that is ordinarily expected to occur despite the existence of a proper maintenance programme and procedures.
- 1.2 notify the Authority as soon as reasonably practicable, but in any case within two hours of becoming aware of the incident referred to in paragraph 1.1, of the following:
- 1.2.1 the location of the incident;
- 1.2.2 the time and date of the incident;

- 1.2.3 the nature of the release;
  - 1.2.4 the Licensee's name; and
  - 1.2.5 the name and telephone number of the designated contact person.
2. The Licensee is not required to notify the Authority of incidents described in paragraph 1 if the incident results from damage to a water main or pipeline connected to the water supply that is operated by SA Water.

NOTES:

(1) The telephone number to contact the Authority to report the incident is Freecall 1800 100 833.

(2) The above telephone number is available for use 24 hours a day, seven days a week. This number will work from mobile phones.

Delegate



**Environment Protection Authority**

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Date

28.11.2008.

There are 0 attachments to this Licence

Penrice Soda Products Pty Ltd

EPA 2333

Attachment 1

Water Quality Criteria

<u>Element</u>	<u>Parts Per Million</u> (ppm)
Aluminium ( <i>soluble</i> )	3
Cadmium ( <i>total</i> )	0.005
Iron ( <i>total</i> )	5
Mercury ( <i>total</i> )	0.001
Selenium ( <i>total</i> )	0.01
Thallium ( <i>total</i> )	< 0.005
Zinc ( <i>total</i> )	0.5
Suspended Sediment	100
Total Nitrogen ( <i>as nitrogen</i> )	20
Turbidity ( <i>NTU</i> )	100
Organochlorine Pesticides	0.0001 Detection Limit
Organophosphorous Pesticides	0.001 Detection Limit
pH	6.5 - 11