

<b>SOUTHLAND REGIONAL COUNCIL</b>
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Cnr North Road and Price Street  
 Waikiwi  
 Invercargill

### DISCHARGE PERMIT

Pursuant to Section 105(1) of the Resource Management Act 1991, a resource consent is hereby granted by the Southland Regional Council

to Southgas Joint Venture (called the "consent holder")  
 of P O Box 1201, Wellington  
 from 24 February 1995.

**PLEASE READ THIS CONSENT CAREFULLY AND ENSURE THAT ANY STAFF OR CONTRACTORS CARRYING OUT ACTIVITIES UNDER THIS CONSENT ON YOUR BEHALF ARE AWARE OF ALL THE CONDITIONS OF THE CONSENT.**

### DETAILS OF PERMIT

Purpose for which permit is granted :-	To discharge production water from the demethanation of coal at Site A and B; and to discharge to the atmosphere the products of combustion from natural gas at Site A and B.
Location	- site locality :- Ohai
	- map reference :- D45:192:611 - Water D45:195:611 - Air (Site A), D45:189:613 - Water D45:189:613 - Air (Site B)
	- source/receiving waters :- Orauea Stream
	- catchment :- Waiau
Legal description of land at site :-	Site A and B - Part Lot 5 DP 10787 Block VII Wairio Survey District.
Maximum Rate - cubic metres/day :-	Site A - 18 (water) - 25,500 (natural gas) Site B - 18 (water) - 25,500 (natural gas)
Expiry date :-	24 February 2000.

### SCHEDULE OF CONDITIONS

1. The consent is granted for a period of 5 years.
2. The Council shall assess the results of monitoring in accordance with the conditions of this consent, and any other relevant information, after 1 year of operation and thereafter at two yearly intervals on the anniversary of the date of the consent.

As a result of this assessment the Council may, in accordance with Section 128 of the Act, review the conditions of this consent.

3. The consent holder shall give the Regional Council 7 days notice of its intention to exercise this consent.
- 4 (i) The consent holder shall pay to the Southland Regional Council an administration charge of \$50 plus GST (or other figure set by Special Order under the Act) in advance, payable on the first day of July each year.
- (ii) The consent holder shall be audit monitored by the Regional Council, unless the Council act as its agent for monitoring. The extent and cost of such monitoring shall be fixed by agreement between the consent holder and the Council's Director of Planning and Resource Management.

#### Discharge to Water

5. The suspended soils concentration of the discharge shall not exceed 20 g/m<sup>3</sup>.
6. The minimum standards for Class D waters as required by the Council's Regional Plan apply in respect of the exercise of this permit beyond 50 metres from the point of discharge to the receiving waters. In particular, the following shall apply:-
- (i) the pH of the receiving waters shall be in the range 6-9;
- (ii) the dissolved oxygen saturation shall not be less than 80%;
- (iii) the clarity, as determined by black disc measurement, shall not be reduced by more than 20%;
- (iv) the following concentrations shall be not be exceeded:-
- |                                 |                        |
|---------------------------------|------------------------|
| dissolved chromium              | 10 mg/m <sup>3</sup>   |
| ammoniacal nitrogen             | 0.2 g/m <sup>3</sup>   |
| dissolved reactive phosphorous  | 0.025 g/m <sup>3</sup> |
| undissociated hydrogen sulphide | 2 mg/m <sup>3</sup>    |
7. (i) The consent holder shall sample the discharge for pH, conductivity, temperature, suspended solids, sulphide, dissolved chromium, ammoniacal nitrogen, total Kjeldahl nitrogen (TKN) and dissolved reactive phosphorous.
- (ii) The consent holder shall sample the receiving waters above and 50m below the point of discharge for pH, conductivity, temperature, sulphide, dissolved chromium, ammoniacal nitrogen, TKN, dissolved reactive phosphorous, and clarity (as a black disc measurement).
- (iii) Monitoring in accordance with conditions 7(i) and 7(ii) shall be at monthly intervals for the first six months that the discharge occurs and at 3 monthly intervals thereafter.
- (iv) The results of monitoring shall be forwarded to the Regional Council within 20 working days of sampling.
8. (i) The consent holder shall install, operate, and maintain a station, relevant to the point of discharge, and equipment for the measurement of flow in the Orauea Stream, and for the rate of discharge of effluent. The site shall be to the satisfaction of the Council's Director of Planning and Resource Management.
- (ii) The rate of discharge of effluent shall be recorded on a daily basis. The stream flow, rate of discharge and dilution available shall be reported for each day a sample is collected and reported in accordance with condition 7 (iv).
- (iii) By 30 April 1995, the consent holder shall provide the Regional Council with a contingency plan detailing actions to be taken in the event that flows in the Orauea Stream are such that the limits set in condition 6 cannot be maintained.

#### Discharge to Air

9. This consent permits the flaring of gas for the purpose of testing well production for the first six months of operation, from the date as notified in accordance with condition 3. Thereafter flaring will be for emergency and/or maintenance purposes only and condition 13 will apply accordingly.
10. The consent holder shall adopt the best practicable option to avoid or minimise any actual or potential effect on the environment arising from the flare emission, or any other emissions from the site.

11. No alteration shall be made to the plant or processes which may substantially adversely change the nature or quantity of contaminants emitted without the prior approval of the Council's Director of Planning and Resource Management.
12. The consent holder shall keep a record of all flaring including the date and time flaring commenced, the duration, and the reason for flaring the gas. The records shall be made available to Regional Council on request.
13. Where flaring is for emergency or maintenance purposes, the consent holder shall notify the Regional Council as soon as practicable but no later than 24 hours after flaring was commenced.

For: **THE SOUTHLAND REGIONAL COUNCIL** on the 27 February 1995.



**W J Tuckey**  
**DIRECTOR OF PLANNING AND RESOURCE MANAGEMENT**

SRC-08/92