

DECISION #2

Application NN000541:

Discharge Permit

Date of commencement of consent: As provided in section 116 of the Resource Management Act 1991.

Term of consent: Fifteen (15) years.

Date of lapsing of consent (if not given effect to): Two (2) years from date of commencement in accordance with s125 of the Resource Management Act (1991).

Purpose of consent: To discharge contaminants to air.

Legal Description of the Land: Not applicable

Schedule A:

General Conditions:

1. This resource consent is granted in accordance with section 332 of the Resource Management Act 1991 and subject to Tasman District Council's staff or agents being permitted access to the relevant parts of the site at all reasonable times for the purpose of carrying out inspections, surveys, investigations, tests, measurements or taking samples.
2. The consent holder shall pay all charges set by the Council under s36 of the Resource Management Act (1991), including any charges relating to any transfer of the consent, and to any changes in consent conditions.
3. In accordance with sections 128-133 of the Resource Management Act (1991), Tasman District Council may, within three months of the first, third, fifth and tenth anniversary of the date of commencement of this consent, serve notice of its intention to review the conditions of the consent for the purpose of:
 - a) dealing with any adverse effect on the environment that may arise from the exercise of this consent, including any adverse effects on nearby residents; or
 - b) requiring the consent holder to adopt the best practicable option to remove or reduce any adverse effect on the environment resulting from the discharge.
4. The consent holder shall, within three months of the fifth, and tenth anniversary of the date of commencement of this consent, provide the Co-ordinator, Compliance Monitoring, Tasman District Council, with a written assessment of all monitoring and identification of any trends and problems so that the need for a review of conditions can be determined.

5. The consent holder may apply, pursuant to Section 127 of the Resource Management Act 1991, at any time to the Tasman District Council for a change or cancellation of any condition of this consent (other than any condition as to the duration of consent), or at any time on the grounds that a change in circumstances has caused the condition to become inappropriate or unnecessary.
6. This discharge consent applies to the operation of the Nelson Regional Sewerage Scheme at Bells Island and no alteration should be made to the plant, processing operation, or plant capacity which is likely to alter the nature or quantity of any air pollutants emitted without prior consultation with Council.

Special Conditions

9. The consent holder shall operate and maintain the Bells Island Sewage Treatment Plant in a manner that employs best practicable options to prevent or minimise the discharge of odours.
10. There shall be no discharges to air from the Bells Island Sewage Treatment Plant that, in the opinion of an Enforcement Officer employed by the Tasman District Council to carry out air quality functions, are objectionable or offensive beyond the boundary of the plant.
11. Condition 10 shall not come into effect until a date two years after the commencement of this consent.
12. The Consent Holder shall initiate meetings with residents of Best Island on a six-monthly basis for the first two years of the consent and annually thereafter.

The purpose of these meetings is to inform the residents of the actions taken to minimise odour from the plant and to provide an opportunity for comment and consultation on the Odour Management Plan and any other management issues. Whenever practicable, the consent holder shall take all reasonable measures to inform the residents of Best Island of the likelihood of an odour event prior to its occurrence. In such cases, the consent holder shall inform residents of the cause and likely duration of the event and the actions being taken to remedy or mitigate its effects.

13. The consent holder shall prepare an Odour Management Plan to the satisfaction of the Consents Manager, Tasman District Council. The Plan shall detail the methods and operational procedures that the consent holder will adopt to ensure that Conditions 9, 10, 13, and 14 of this consent are met. The Odour Management Plan shall include, but its contents shall not necessarily be limited to, the following:
 - a) details of the actions that will be taken to ensure compliance with condition 10 including a timetable demonstrating that these actions are scheduled to be undertaken within the minimum practical time period.
 - b) details of the operating and maintenance regime for the aeration basin, including provisions for monitoring the dissolved oxygen of the liquor in the aeration basin, the provision of standby aeration capacity and the actions that will be taken in the event of malfunction of the basin and/or generation of objectionable odours from this basin;
 - c) details of the operating and maintenance regime for the clarifier and ATAD units, with particular reference to measures aimed at minimising the potential for odour generation;
 - d) details of the operating and maintenance regime of the biofilter(s), including specification of the optimal operating range for pH, moisture content and back pressure; the monitoring range for these parameters; the action that will be taken in the event of the biofilter becoming outside the prescribed range for any of these parameters; and bed maintenance procedures;
 - e) details of the oxidation ponds management (including monitoring of physico-chemical or biological parameters, inter-pond transfers, and pond desludging), that relate to minimising the potential for odour production from the ponds and contingency plans for remedying the situation or minimising adverse effects should an odour event occur; and
 - f) details of the complaints procedure, record keeping and response procedure.

The Odour Management plan shall be subject to independent review by an appropriately qualified person before being finalised. The consent holder shall forward the Odour Management Plan to the Manager, Consents, Tasman District Council, for approval within three months of the granting

of this consent.

The consent holder shall review the Odour Management Plan at annual intervals and, if there is proposed alteration to this plan then it must be submitted to the Manager, Consents, Tasman District Council, for approval prior to adoption.

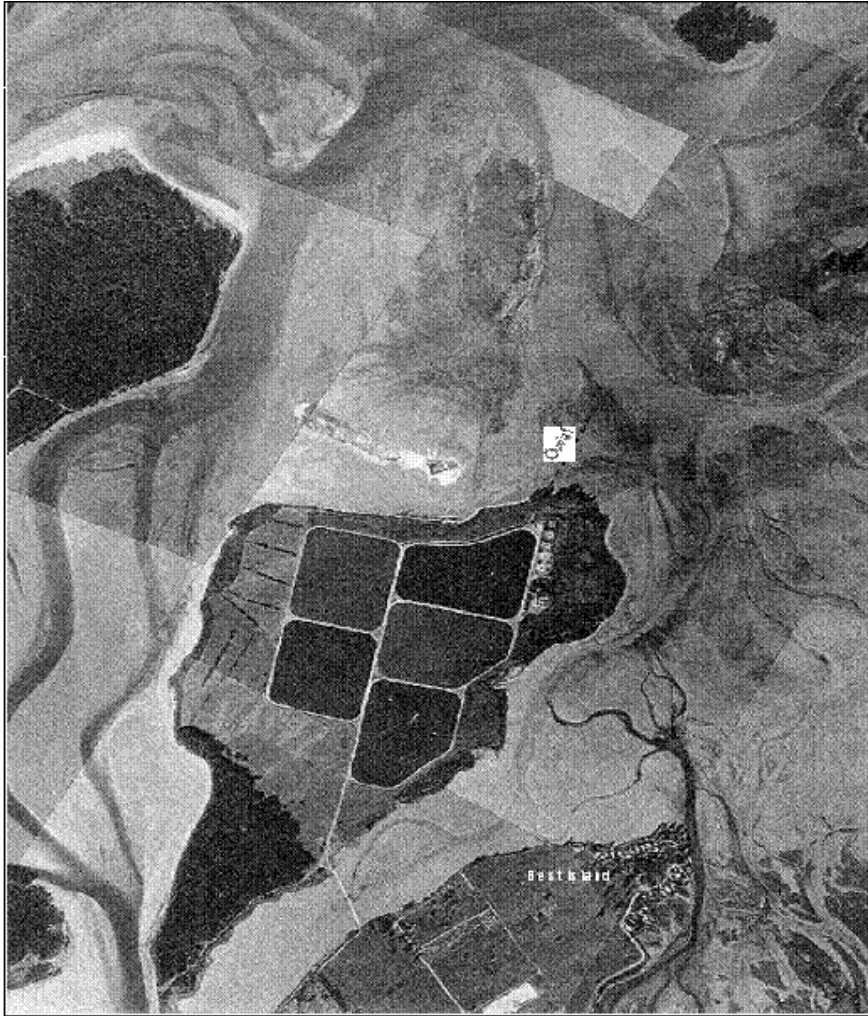
14. The consent holder shall keep a full record of any complaints received alleging adverse effects due to discharges of air from the Bells Island sewage treatment plant and the complaints record shall (where possible) include, but not necessarily be limited to, the following:
 - a) name and address of complainant;
 - b) date and time of complaint;
 - c) nature of complaint;
 - d) weather conditions at time of complaint;
 - e) description of (any) investigations undertaken in relation to the complaint;
 - f) identification of most likely cause of odour event;
 - g) actions taken to ameliorate/remedy odour event.

15. The consent holder shall notify the Co-ordinator, Compliance Monitoring, Tasman District Council, of any incident, including power or mechanical failure, leading to an odour event, within 24 hours of the incident being brought to the attention of the consent holder, or the next working day. This includes any incident that results in complaints.

16. The consent holder shall forward to the Co-ordinator, Compliance Monitoring, Tasman District Council, within seven days of an incident occurring, a written report of the incident, the reasons for it, its consequences (including the nature of any complaints), the measures taken to remedy it or mitigate its effects, and (any) measures taken to prevent a recurrence of the event, including any proposed change to the Odour Management Plan. A copy of this report shall be made available to all residents of Best Island.

9. Appendix

9.1 Site Photo



Appendix 9.1: Aerial view of Bells Island Sewage Treatment Plant
(Adapted from AEC prepared by MWH - Resource Collaborative, February 2015)