

AUCKLAND REGIONAL COUNCIL

RESOURCE CONSENT

PERMIT NO. 22315

CONSENT HOLDER: Brian Morrison Family Trust & Vanessa Morrison Family Trust (operating as Sandspit Motor Camp)

FILE REFERENCE: 7835

CONDITIONS OF CONSENT

Date of Commencement of Consent: 30 June 1999

First Date of Review: 30 June 2000

Date of Expiry of Consent: 30 June 2014

Purpose of Consent: To discharge up to 25m³/day of contaminants to land for the purpose of disposing of treated wastewater to ground soakage in accordance with Section 15(1)(b) of the Resource Management Act 1991.

Quantity: That the maximum daily discharge shall not exceed 25m³.

Site Location: Sandspit Motor Camp, 1334 Sandspit Road, Sandspit.

Map Reference: NZMS 260 R09 655327

Definition: 'Council' means the Auckland Regional Council.

'Manager' means the Manager, Land and Water Quality Section, Auckland Regional Council, or nominated Council staff acting on the Manager's behalf.

General

1. This resource consent is granted by the Council subject to its servants or agents being permitted access to the relevant parts of the property at all reasonable times for the purpose of carrying out inspections, surveys, investigations, tests, measurements or taking samples.
2. The conditions of this consent (including any specified quantity) may be reviewed pursuant to section 128 of the Resource Management Act 1991, by the giving of notice pursuant to section 129 of the Act, in the year of 2001 and subsequently at two yearly intervals thereafter commencing in the month of July of that year, for any of the following purposes:
 - i. To deal with any significant adverse effect on the environment which may arise from the exercise of the consent and which was not apparent at the time of the granting of the consent; or
 - ii. To vary the maximum daily discharge volume in light of changed circumstances or the results of monitoring; or
 - iii. To vary the design requirements of the system in light of changed circumstances or the results of monitoring; or
 - iv. To require a Consent Holder to adopt the best practicable option to remove or reduce any adverse effect on the environment; or
 - v. To deal with any adverse effect on the environment arising or potentially arising from the exercise of this consent through altering or providing specific performance standards; or
 - vi. To alter monitoring requirements in light of previous monitoring results obtained from previous monitoring and/or changed environmental and/or hydrological knowledge.
3. The maximum daily discharge volume permitted by this consent will be reviewed 12 months from the granting of this consent and may be varied, with the agreement of the Council and the Consent Holder, according to the results of water meter readings taken from the water meter specified in condition 18.
4. The wastewater treatment and disposal system shall be constructed and installed in accordance with the conditions of this permit and in accordance with the Engineer's plans and, specifications submitted as the applicant's proposal, "Engineering Report for Sandspit Motor Camp Onsite Waste Disposal - Colin Ashby Consulting November 1998" which will form part of this permit.

5. Prior to the exercising of this permit, a Registered Engineer, experienced in wastewater treatment shall verify in writing to the Manager that all components of the waste water treatment and disposal system have been inspected and installed in accordance with standard engineering practice, with the plans submitted with this application and with the specifications and conditions of this permit.
6. The Consent Holder shall provide 'as-built' plans for the layout of the treatment and disposal system clearly showing the precise location of the treatment system and any modifications from that initially proposed and showing the location of the reserve area required by Special Condition 7 below. These plans shall be submitted to and approved by the Manager prior to exercising this permit.

Maintenance

7. Sufficient area shall be reserved on the same site as the disposal system to enable the disposal fields to be increased in size by at least 200%.
8. The septic tank, aeration tanks, treated wastewater holding tank buffer tanks and the biosolids filters shall be inspected and maintained on a six monthly basis, and the tanks cleaned out when the combined depth of sludge and scum occupies more than half the tanks depth, but in any event the tanks shall be desludged two yearly.
9. The UV disinfection unit shall be inspected at least once every 2 days and cleaned at least once every month, when inspection indicates appropriate. A spare UV lamp shall be kept available at all times.
10. The Consent Holder shall ensure that good vehicular access to the treatment and disposal systems is maintained at all times so that maintenance can be carried out.

Signage

11. The Consent Holder shall install appropriate signage adjacent to the disposal area to discourage access by unauthorised personnel.
12. The Consent Holder shall erect signs in the toilet block and kitchen advising that no chemicals or other toxic substances, or food waste, shall be disposed of to the wastewater treatment system.

Emergency Procedures

13.

- i. The Consent Holder shall ensure there is 2 hours emergency storage in the septic tanks and treated wastewater holding tank above the high water level alarm specified in Special Conditions 14 below.
- ii. Within the management plan, procedures shall be outlined to be put in place, to limit water usage and effluent generation during an emergency situation.
- iii. Either a contract shall be entered into with a septic tank cleaning firm to respond to an emergency within 2 hours Or A standby (not electric) pump and a standby storage tank capable hour storage of effluent, shall be available.

14. The Consent Holder shall install an audible alarm system designed to sound in the event of any pump failure.

15. The Consent Holder shall ensure that appropriate persons shall be available and shall respond as soon as practicable to any alarm sounding in an emergency arising from the from the wastewater treatment and disposal system on a 24 hours a day, seven days a week basis. A copy of the names of the people including a contact number shall be submitted to the Manager and shall be appended to the management plan required by Special Condition 26 below.

16. That the Consent Holder shall install public notices providing 24 hour emergency numbers to be called in the event of any alarm sounding or an emergency arising from the treatment plant and disposal system. The signs should be placed in a prominent position next to the treatment plant.

17. That the Consent Holder shall maintain a log book recording complaints and emergencies from the treatment and disposal systems. The details which shall be recorded in this log book include the following;

- The name of complainant, the time and date the complaint was made.
- The nature of the complaint.
- The time and date at which the complaint was responded to and remedial action taken.

The log book shall be made available to ARC officers during normal working hours by appointment. These results shall be forwarded to the Manager along with water meter readings.

Monitoring

18. The Consent Holder shall continuously measure the flows to wastewater disposal systems and to the recycled water volume with water meters capable of measuring to an accuracy of plus or minus 5 %. The meter shall be installed in accordance with the manufactures specifications and shall be maintained in good working order at all times.

19. The Consent Holder shall ensure that meters required by Special Condition 18 above, are read on the following basis:
- i. During the period 1 December to 28 February of each year, the meters shall be read on a daily basis at the same time of each consecutive day; and
 - ii. During the period 1 March to 30 November of each year the meters shall be read on a monthly basis at the same time of the first day of each month.

These readings shall be recorded in a log book and the flow records shall be forwarded to the Manager quarterly by 1 March, 1 June, 1 September and 1 December of each year.

20. An effluent sample shall be taken from the 2,700 storage tank prior to discharge to the dosing syphon on the last Monday morning of the months of January, April, July, & October until October 2001 and then twice annually on the last Monday morning of the months of January & July in accordance with the schedule and procedure specified in the Management Plan required by Special Condition 26 below.
21. The samples required by Special Condition 20 above shall be analysed within 12 hours of sample collection for biochemical oxygen demand, suspended solids and faecal coliforms and shall be collected and analysed in accordance with latest edition of the "Standard Methods for the Examination of Water and Wastewater", published by the American Public Health Association, the American Water Works Association and the Water Environment Federation, or equivalent as approved in writing by the Manager.
22. The results obtained in accordance with Special Condition 21 above shall be recorded in a log book and a copy forwarded to Manager within one month of the date the sample was taken.
23. The samples required by condition 20 shall; be analysed for the following parameters:
- Suspended Solids
 - Faecal Coliforms
 - Enterococi
24. The quality of the wastewater discharged to the irrigation system shall conform with the following standards:
- Suspended Solids better than 20 mg /l.

25. In the event of any sample having a contaminant quality that exceeds the maximum limits specified in Special Condition 24 above, the following action shall be taken:
- The Manager shall be advised of the analysis results identified within 7 days of receipt of the result; and
 - The Consent Holder shall ensure action is taken immediately to address and remedy the problem and advise the Manager immediately of actions taken; and
 - A further sample shall be taken within 7 days of receipt of the analysis results for the previous sample and analysed in accordance with Special Condition 21 above and these results forwarded to the Manager within 7 days of receipt of the result.

Management of the System

26. A Registered Engineer or suitably qualified consultant experienced in wastewater engineering shall prepare a management plan for the wastewater treatment and disposal systems. This plan shall be prepared in accordance with the conditions of this permit and shall contain the following;
- a. An inspection programme to verify the correct functioning of the wastewater treatment and disposal systems.
 - b. A schedule for the daily, weekly, monthly and annual operational requirements including reading of the water meter.
 - c. A schedule of maintenance requirements for the pumps, septic tanks, biotubes, recirculation tanks, treated effluent holding tank, UV disinfection unit, water meters, and disposal field.
 - d. A schedule of maintenance requirements for management of vegetation on the wastewater ground disposal area.
 - e. A contingency plan specifying the actions to be taken in the event of failure of any component of the system and any other non-compliance with the conditions of this permit.
 - f. Details of a schedule for the desludging of the septic tanks and cleaning of the biotubes.
 - g. Details of how the ground disposal system will be managed.
 - h. A sampling and monitoring program in accordance with Special Conditions 20-22 of this consent including sample site locations, sample method and sample timing.

A copy of this management plan shall be forwarded to and approved in writing by the Manager prior to the exercising of this permit.

27. The Consent Holder shall maintain the system in an efficient and professional manner in accordance with the management plan and the conditions of this permit, to ensure that any works that are necessary to this shall be done by the Consent Holder within one month of written notice from the Manager.
28. That the Consent Holder shall record in the log book, required in Condition 17 above, any problems which are detected within the system and shall outline the action taken to remedy such problems.

Advice Notes

1. The consent holder is advised that should he/she/it wish to transfer this permit to any other person he/she/it must do so by advising the Council in writing in accordance with Section 135(1)(a) of the Resource Management Act 1991. A fee is payable at the time of transfer to cover the cost of administration.
2. The consent holder is advised that he/she/it is required to comply with all relevant provisions of the Building Act 1991, prior to commencing work.
3. The consent holder is referred to Section 125 of the Resource Management Act 1991, which provides for the lapsing of a consent two years after the commencement date, if it is not given effect to within that period.
4. The consent holder is referred to Section 124 of the Resource Management Act 1991, which provides for the exercising of a consent while applying for a new consent.
5. The consent holder shall pay to the Council any administrative charge fixed in accordance with s.36(1) of the Resource Management Act 1991, or any additional charge required pursuant to s.36(3) of the Resource Management Act 1991, payable in respect of this resource consent.

This Consent has been granted by the Auckland Regional Council pursuant to the Resource Management Act 1991. The date of commencement of this consent is determined by Section 116 of the Resource Management Act 1991, unless a later date is stated as a condition of this consent. The provisions of Section 116 of the Resource Management Act 1991 are summarised in the covering letter issued with this consent.

**Ian Mayhew
Manager
Land and Water Quality Section
Auckland Regional Council**

Per: 

Date: 11/6/99