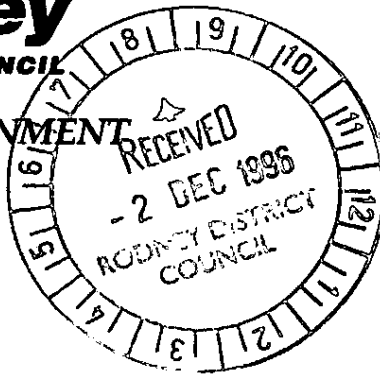


RODNEY ENVIRONMENT

The General Manager
 Rodney District Council
 Private Bag 500
 OREWA 1461



SUBJECT	RECE
FUNCTION	PLN
COPY	

APPLICATION FOR LAND USE RESOURCE CONSENT

(Section 88 Resource Management Act 1991)

1. Applicant: (full name)	I <u>Gary George Ryan</u> Apply for the following Resource Consent(s)
2. Names and Addresses of owners and occupiers of the land other than applicant.	<u>Houhai number 1990 Ltd</u> <u>Pox 170</u> <u>Matakana</u>
3. Location of application: (Address and Legal Description)	<u>362 Matakana Valley Rd</u> <u>Lot 1, no 1120982 Valuation no 009000 08900</u> <u>PT all 51 Pk of Matakana</u>
4. Type of Resource Consent sought (i.e. landuse consent, subdivision consent* etc) *Note see information sheet 8A if subdivision consent.	<u>Land use consent</u>
5. Describe activity proposed in application.	<u>Septic tank and sewage</u>
6. I require the following additional resource consents in relation to this proposal and these have/have not been applied for. (You may need to discuss this with a Planner prior to lodging your application.) 	
7. I have attached an assessment of any effects that the proposed activity may have on the environment and the ways in which any adverse effects may be mitigated. (You may need to discuss with a Planner prior to lodging your application.) Yes/No	

8. I attach other information required to be included in the application by the District Plan, Regional Plan or regulations.		Yes/No
9. I have enclosed	Deposit: \$ <u>168-75</u>	Receipt No. _____
	Date: _____	
Please note that PAYMENT OF THE DEPOSIT MUST ACCOMPANY THIS APPLICATION. (A statement of actual costs will follow once the application has been processed. The person who pays the application deposit shall be responsible for the payment of any fees incurred in processing this application.)		
10. I acknowledge that I have read the Privacy Act disclosure hereon.		
11. Date: <u>25/11/96</u>	Signature: <u>G Ryan</u>	
Address for Service:	<u>Howhai Timber</u>	
(Where you want all	<u>Box 170</u>	
correspondence sent to)	<u>Matapana</u>	
Phone (Home):	<u>09 8462061</u>	
Phone (Work):	<u>09 4227030</u>	
Fax No:	<u>09 4227717</u>	
Contact Person (name and	_____	
phone number if different	_____	
from above)	_____	

PRIVACY ACT 1993

- (1) The information requested by this form is for the purpose of assisting in the processing of Resource Consents under the Resource Management Act 1991, and when has been approved or declined, for administration, monitoring and enforcement.
- (2) The information may be released to any inquirer about the application, the refusal of the application, or in relation to the exercise of the approval of this application.
- (3) The person supplying or who is subject of the information supplied has right of access and correction to the information, subject to payment of any fee the Council may set from time to time.
- (4) The information will be held by Rodney District Council, 50 Centreway Road, Orewa.

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 OREWA 1461

ASSESSMENT OF EFFECTS FORM - SIMPLE APPLICATIONS

Only use this form if you seek a resource consent for simple applications, for example, building infringements (proposed building exceeds height, encroaches into yard requirements etc) controlled activities, small scale operations.

Answer only those questions that are relevant to your particular application.

Will the Proposal	Assessment of Effect			Comments
	Adverse Y/N	Neutral Y/N	Beneficial Y/N	
<u>Amenities</u>				
shadow/dominate adjacent properties /roadway	☐	☐	☐	
generate a level of noise which could potentially be noticeable from any public or private area	☐	☐	☐	
generate any noxious odours	☒	☒	☒	
obstruct views from either a public or private area	☐	☐	☐	
effect the appearance of an area (is the proposed materials, scale and design of the building in keeping with the surrounding development/ area)	☐	☐	☐	

Will the Proposal	Assessment of Effect			Comment
	Will the effect of the activity be			
	Adverse Y/N	Neutral Y/N	Beneficial Y/N	
generate a traffic problem i.e. effect parking provisions, roading, traffic movement etc.	☐	☐	☐	
satisfy the Council's engineering standards, accessways, carparking areas etc.	☐	☐	☐	
<u>Physical</u>				
affect the quality of any water course through siltation (runoff), effluent seepage etc.	☒	☒	☒	
result in the destruction, loss or injury of any protected tree. (All trees should be shown on the site plan)	☐	☐	☐	
affect the amenity values of an area/ adjacent property	☐	☐	☐	
affect air quality	☐	☐	☐	
Will the proposed earthworks result in runoff, visual impact etc?	☐	☐	☐	

BK DESIGN

DRAUGHTING & ENGINEERING SERVICES
PO BOX 23 WARKWORTH

original
w
HAR
Ry
7/11

JOB No: BK413

DATE: OCT 96

CLIENT: KOWHAI TIMBER

STRUCTURE: HOUSE

STRUCTURAL COMPONENTS: On Site Effluent Disposal Design

NZS: ARWB TP58

DESIGNER: B J KOSE

CHECKED:

SITE: LOT PT. LOT 31

DP: CT. 110/152

AREA: 2.5267 ha

ADDRESS: MATAKANA VALLEY RD
MATAKANA

ASSUMPTIONS: No BEDROOMS Z = 4 people

* WATER SAVING FIXTURES WATER SUPPLY 1) TANK = 140 l/p/day
2) TOWN

BORE HOLE: REVEALED CLAYS. SITE SUITS EVAPORATION SEEPAGE BEDS. ALLOW 15mm/DAY LTS.

DESIGN: TOTAL DAILY EFFLUENT LOADING = 4×140
= 560 l/day

TOTAL SOAKAGE AREA REQUIRED = $560 \div 15$

DESIGN FOR(ETS) = 38 m²

IF BEDS ARE 20 m WIDE THEN CONSTRUCT
3 X 8m LONG BEDS

USE 4500 L SINGLE CHAMBER SEPTIC TANK & WITH
AN INFLOW FILTER INSTALLED.

APPENDIX E: ON-SITE WASTEWATER DISPOSAL SITE EVALUATION - SITE ASSESSMENT AND SUBSOIL INVESTIGATION CHECKLIST

1.0 SITE EVALUATOR(S)		
1.1 Name:	Company/Agency:	
BERNIE KOSE	B.K. DESIGN	
Designation:	Address:	P.O. BOX 23
Engineering Assistant	WARKWORTH	
	PH./FAX 09-425 7695	
Phone: (09) 4257695 Fax:		
1.2 Additional Staff Involved:		
Name(s):	\	
Designation(s):	\	
Involvement:	\	
2.0 SITE INFORMATION		
2.1 Location Details: MATAKANA ROAD		
Locality:	MATAKANA	
Owner:	KOWHAI TIMBER	
Address:	Box 170	
	MATAKANA	
Survey Plan Details: LOT No P151 D.P CT 1101/152		
Regional Council Area: AUCKLAND		
Local Council Area: RODNEY DISTRICT COUNCIL		
Size/Shape/Layout: (Sketch Plan Details Attached, Ref. No. BK413 2.5267 RURAL INDUSTRIAL SITE.		
Photograph Attached: (delete one) XBS / NO (Specify details)		
2.2 Work Undertaken:		
Details	Date (month, day)	Weather (on day, and over preceding week)
HAND AUGURED	OCT 3RD	FINE.
BORE HOLES	\	\
	\	\
	\	\

3.0. <u>SITE ASSESSMENT</u>	
3.1 <u>Topography</u>	
Slope: <u>FLAT.</u>	Ground Cover: <u>GRASS.</u>
Geology: <u>(Flu ?)</u>	
Drainage Patterns: (sketch details attached) <u>DOWN SLOPE</u>	
Available Clearance: (sketch details attached)	
Boundaries <u>10m</u>	Wells, Bores <u>✓</u>
Waterways <u>SMALL DRAIN 5m.</u>	Embankments <u>✓</u>
Stands of trees, shrubs <u>3m.</u>	Buildings <u>3m+</u>
Other (specify)	
3.2 <u>Site Stability:</u>	
Is expert evaluation necessary? (delete one) <u>YES</u> / NO	
If NO, why not? <u>FLAT SITE.</u>	
If YES, attached stability report and give details here of:	
Author:	Designation:
Company/Agency:	Date of Report:
3.3 <u>Drainage Controls:</u>	
Depth of seasonal watertable:	WINTER <u>✓</u> SUMMER <u>✓</u>
<u>GREATER THAN 20m</u>	
Need for groundwater cut off drains? <u>✓</u>	
Need for surface water collector drains? <u>SWALE DRAIN</u>	
3.4 <u>Climate:</u>	
Annual rainfall: <u>1500</u> mm	Annual Potential : <u>800</u> mm
Evapo-transpiration	
General comment: (rainfall intensities, seasonal variation, etc) <u>VERY DRY SUMMERS :</u>	
<u>HEAVY RAIN CAN FALL AT ANY TIME OF THE YEAR.</u>	

4" Biotube™ Effluent Filter



Oreco Systems
Incorporated

814 AIRWAY AVENUE
SUTHERLIN, OREGON
97479-9012

TELEPHONE:
(503) 459-4449

FACSIMILE:
(503) 459-2834

The OSI Biotube™ Effluent Filter dramatically improves the quality of effluent discharged from a septic tank by preventing large solids from leaving the tank. The filter is easy to install and maintain. Hosing off the screen is necessary only as often as the tank needs pumping.

A Simple Concept for Residential Applications

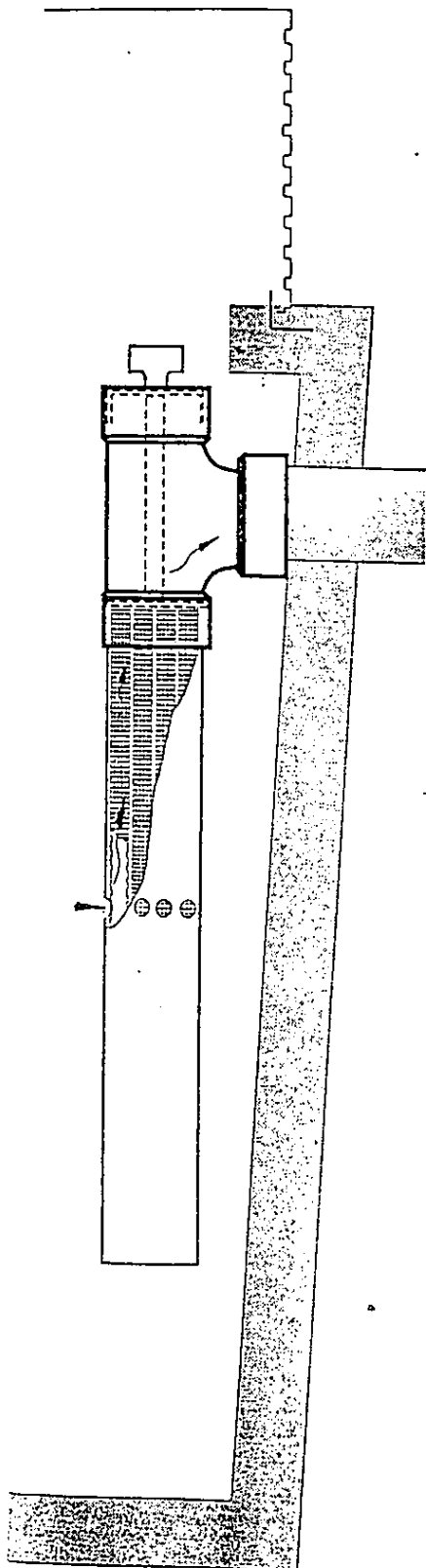
Effluent from the relatively clear zone of the septic tank, between the scum and the sludge layers, enters the Biotube Effluent Filter through its inlet holes. Effluent then enters the annular space between the housing and the Biotubes™, utilizing the Biotubes' entire screen surface for filtering. Particles larger than 1/8" are detained in the annular space, where continued decomposition of organic material occurs.

Once it has been filtered through the Biotubes, effluent flows through the modulating orifices at the outlet of the filter.

If inflow becomes temporarily excessive, the fluid level in the tank will rise as the modulating orifices slow the flow through the tank, allowing maximum settling of solids.

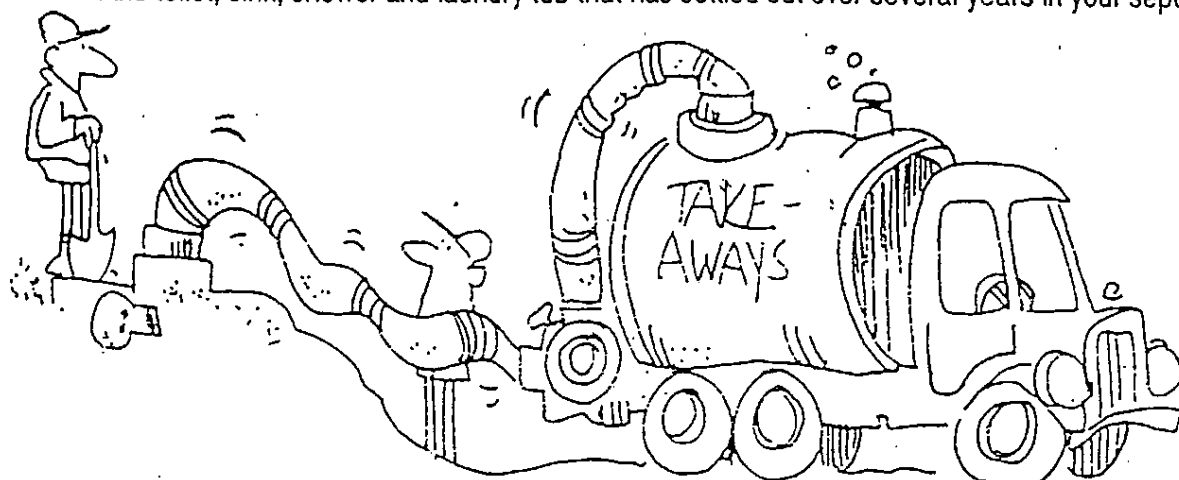
Features and Benefits

- Improves effluent quality. Average Total Suspended Solids (TSS) is less than 30 PPM, nearly 2-1/2 times lower than a non-screened system!
- Superior patented design. Extends drainfield life. Reliable, corrosion-proof construction.
- Easy installation. Installs in minutes in new or existing tanks.
- Simple, hassle-free maintenance. Cleaning is necessary only as often as the tank needs pumping.
- Allows for smaller diameter drainfield pipe. Lowers drainfield material costs.
- Ideal for variable-grade sewers. Allows reduction of the transport line size and associated costs.
- Available alarm. Indicates when maintenance is needed.
- Custom sizes. Call for availability.



If you live in Rodney, you will be disposing of your laundry water, shower water, sink water and toilet flushing into an on-site disposal system commonly known as a septic tank. All of these waters contain body wastes and can be contaminated with bacteria and viruses. The following advice will help you to operate your system effectively and reduce health risks.

1. Have you desludged recently? Cleaning of your on-site water disposal systems first stage (septic tank) of two or three years of accumulated fats, toilet paper and your family's body wastes is essential. This is all the waste you have flushed down the toilet, sink, shower and laundry tub that has settled out over several years in your septic tank.



2. The frequency of desludging is important. The following table gives you a guide. Obviously, occasional use (just weekends) will reduce the frequency so go back one or two steps.

DESLUDGE FREQUENCY TABLE

Number of Residents in your house	☺	☺☺	☺☺☺	☺☺☺☺	☺☺☺☺☺
Small septic tank 600 = 2300 litres	4 yrs	3 yrs	2 yrs	☹	☹☹
Medium septic tank 800 gal = 3000 litres	5 yrs	4 yrs	3 yrs	2 yrs	☹
Large septic tank 1000 gal = 3800 litres	6 yrs	5 yrs	4 yrs	3 yrs	2 yrs

3. If you have doubts, get your drainlayer or septic tank cleaner to inspect your first stage on-site waste water disposal system before you pack in those extra people during the holidays. Note that any occupancy more than recommended, i.e. to the right of the dotted line, will cause problems - even over one week - because of the need for 24 hour retention in your first stage septic tank.

SOME DO'S AND DON'TS

- Don't wash or disinfect the tank after cleaning; a small residue of sludge should be left in the tank to get bacterial action started again.
- Dishes and utensils should be well scraped to remove grease and food scraps before washing.
- Soaps or detergents, bleaches, draincleaners, or other materials normally used in the household, should have no appreciable adverse effect on the system as they are rapidly diluted in the tank. But ask advice before discharging large doses of chemicals or disinfectants into the system.
- Roof run-off, and drainage from other sources producing large volumes of water, must not be piped into the septic tank or absorption area. They tend to stir up the contents of the tank and carry solids into the outlet, or flood the disposal field.

