

16 January 2008

Brian and Vanessa Morrison
1334 Sandspit Road
R D 2 Warkworth 1241

Dear Sir or Madam

COMPLIANCE MONITORING

Resource Consent Details:

File Ref 7835

Consent Number:	22315
Consent Holder:	Brian Morrison & Vanessa Morris on Family Trust (Brian Phillip Morrison & Vanessa Anne Morrison)
Activity Type:	Wastewater Discharge
Location:	0 Sandspit Road Sandspit Rodney District
Expiry Date:	30 June 2014

The ARC has an on-going consent monitoring programme to check compliance with the conditions of resource consents and, where necessary, to investigate the effects of these activities on the environment. Regular site visits will be undertaken along with reviews of the information you submit to the ARC.

As you aware we undertook a site visit on the 14th January 2008. We found no problems with the above site. However it was noted that you have outstanding flow records and sample records which need to be sent to the ARC as soon as possible.

Please note that as the ARC is a ratepayer funded organisation, it is our policy to recover costs incurred while dealing with non-compliance with resource consent from the consent holder. Failure to provide the information requested by the due date may result in cost recovery following resolution of the matters.

Should you have any queries regarding your resource consent, please contact the undersigned on 366 2000 ext. 8501

Yours faithfully

Chelsea Gosden
Compliance Officer
Wastewater Consents



COMPLIANCE MONITORING SITE INSPECTION SHEET

Inspection Details:

File Ref: 7835

Consent Number:	22315									
Consent Holder:	Brian Morrison & Vanessa Morris on Family Trust (Brian Phillip Morrison & Vanessa Anne Morrison)									
Location:	0 Sandspit Road Sandspit Rodney District									
Activity Type:	Wastewater Discharge									
Works Description:										
Expiry Date:	30 June 2014									
Type	Scheduled Date	Actual Inspection Date		Time On-site						
Routine	01 February 2007	14.01.08		12.00						
Contact Name	Brian & Vanessa	Position		Owners						
Inspected By	Action Taken	Inspection Compliance Rating								
CG	Letter	NI	NE	①	2	2A	2B	2C	3	4

Inspection Items:

Inspection Item	Cond No.	Comp. rating	Comment
reserve area maintained	7	/	
2 Tanks and holdings inspected and maintained six monthly	8	NI	
UV unit inspected every other day and cleaned monthly	9	1	
Vehicular access available around septic tanks etc	10	1	
Appropriate signage installed (adjacent to disposal area to discourage access to unauthorised personnel)	11	1	
Signs installed 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.	12	1	
Alarms present	14	1	
Public notices installed 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.	16	1	
Continuously measure flow to wastewater	18	1	



Auckland
Regional Council
TE RAUHITANGA TAIAO

☐ Consent Inspection Record Updated In D/B

disposal system		I	
Discharge quality from final tank prior to dosing syphon for BOD, NFR, F Coli.	20	NF	
Samples analysed within 12 hours of collection	21	NF	
Samples analysed for set parameters	23	NF	
Quality of wastewater conform to standards	24	NF	
Action taken if samples do not meet standards	25	NI	
Treatment plant/facility maintenance	27	I	

Outstanding SMI/One-off Requirements:

No flow records received since Jun '06

No sampling received since Feb '07 - should
be monthly

General Observations:

Some odor - campsite full. (around treatment system)

Switches over disposal fields ~~about~~ weekly.

Lines above ground

New lines just put in.

Photographs

Consent Number: 22315 Officer CG File 7835
Consent Holder: Brian and Vanessa Morrison (Sandspit Holiday Park)
Activity Type: Wastewater Discharge
Location: 1334 Sandspit road, Sandspit, Rodney.
Expiry Date:



Sign at entrance to WWTS



Water meter in shed



Disposal area one



Disposal area two with irrigation lines in foreground

2 July 2007



Auckland
Regional Council
TE RAUHITANGA TAIAO

Brian Morrison & Vanessa Morris on Family Trust
1334 Sandspit Road
R D 2 Warkworth 1241

Attention: Brian Morrison

Dear Sir

RESOURCE CONSENT

Consent Details:

Consent Number	22315
Consent Holder	Brian Morrison & Vanessa Morris on Family Trust (Brian Phillip Morrison & Vanessa Anne Morrison)
Site Name	
Activity Type	Wastewater Discharge
Location	Sandspit Road Sandspit Rodney District
Expiry Date	30 June 2014

21 Pitt Street
Private Bag 92 012, Auckland
New Zealand
DX CP 28 008 Pitt St
Telephone +64 9 366 2000
Facsimile +64 9 366 2155
www.arc.govt.nz
File Ref: 7835

Thank you for submitting your sample results for February.

The sample results showed high levels of faecal coliforms. This may indicate a decline in the performance of your wastewater treatment system and may pose a health hazard. Please contact your maintenance supplier or consultant to investigate the system and report the investigation results back to the Auckland Regional Council (ARC).

This information should be returned to the ARC, marked to the attention of the undersigned by **23 July 2007**. If information is not available by this date, please contact me to discuss an alternative.

Also below is a list of the information that you are required to submit on an ongoing basis. Please refer to your consent document for further details.

Please note that as the ARC is a ratepayer funded organisation, it is our policy to recover costs incurred while dealing with non-compliance with a resource consent from the consent holder. Failure to provide the information requested by the due date may result in cost recovery following resolution of the matters.

If you have any queries regarding your consent, please contact me on 3662000 ext. 8652 and quote the consent number above.

Yours faithfully

Sarah McCarter
Consents and Compliance Officer
Consents and Consents Compliance

Compliance Information Required by ARC

Sewage Discharge

You are required to submit information to ARC on an ongoing basis. This information is summarised below (again please refer to the consent document for further details):

Self Monitoring:

Consent Condition	Information Required	Date Required
19	Flow records 25cmpd, daily 1 Dec-28 Feb, 1st day of month 1 Mar-30 Nov	Quarterly
22	Sampling requirements (effluent sample, suspended solids, faecal coliforms, and enterococci analysis). Standard: Suspended solids (less than 20 mg/l) - Quarterly	Quarterly
17	Complaints & Emergencies records	As required

**Please forward the required information to the ARC,
Private Bag 92012, Auckland, by 1 March, 1 June, 1
September and 1 December each year, marked to the
attention of your Compliance Monitoring Officer.**

2003 ACHIEVEMENT AWARD WINNER



Michelle
ARC
Private Bay 92012
AUCKLAND

Re Consent No. 22315

25 March 2005

Dear Michelle

Thank you for your letter dated 18/03/05 and subsequent phone call.

I enclose copies of the aeration plant service report and account for septic tank clean out as requested.

It would be useful to have the results of the sampling done by Dionne Holt Pederson on her recent monitoring visit so that I could compare them to my sampling at the end of January. As my sample was taken after a busy anniversary weekend the results could be valuable to assess the plants performance under pressure. Are you able to forward them to me?

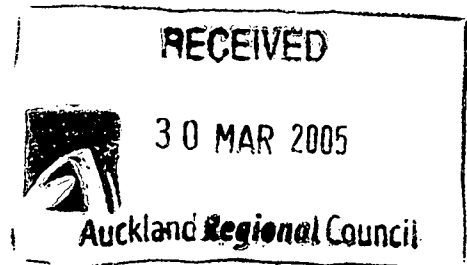
*she didn't
take any
samples*

Thank you.

Yours faithfully



Brian Morrison



31/3/05

My - once UV lamps replaced
results should be better.

TAX INVOICE/STATEMENT

Date 2 / 1 / 05 336215

To _____
Sandsport Motor Camp
RD
Warkworth
From _____
McJimray
R.D. 3
Wellsford
GST No. 17-950-509

GST Reg. No.

Ref. O/N

Qty	Unit	Description	Unit Price	\$	c
		9/12/06			
		To clean main Septic Tank at camp Ground		500	--
		Peter GST		62	50
				\$ 562	50
		PA 7-1-05			
				TOTAL EXCLUSIVE GST \$	
				PLUS % GST \$	
				TOTAL INCLUSIVE GST \$	



Industrial & Scientific Vacuum Specialists

Auckland Tel 09-426-9703

Fax 09-426-9704

info@4ways.co.nz

Christchurch Tel 03-327-7442

Fax 03-327-4454

southisland@4ways.co.nz



Date 16.11.04

J4W4727

Dear Brian

Following is the report for the site service of your Rietschle DFT60(02) pump serial number 95 1673685 carried out on 09.11.04 your order number Brian.

Thank you for choosing to use 4 Ways Ltd.

Best Regards,

Frank Burch.
Service Manager



4 Ways Ltd

Industrial & Scientific Vacuum Specialists

Auckland Tel 09-426-9703

Fax 09-426-9704

info@4ways.co.nz

Christchurch Tel 03-327-7442

Fax 03-327-4454

southisland@4ways.co.nz

**BECKER****BOC EDWARDS Masport**

Pump Performance Report

Customer details

Sandspit Motor Camp

Contact

Brian Morrison

Order No

Brian

Location

On-site

Machine

N/A

Date

09.11.04

Job No

J4W4727

Make

Rietschle

Model

DFT 60(02)

Serial No

95 1673685

Rated Vacuum

N/A

Actual Vacuum

N/A

Kw:

1.5

Rated Pressure

+0.55bar

Actual Pressure

+0.55bar

Rated Amps

3.3

Min Vane Depth

25mm

Actual Vane Depth

34mm

Actual Amps:

2.5

Vane condition:

New

Stator condition

Good

Noise level

Normal

Oil level

N/A

Oil condition

N/A

Oil leaks

N/A

Ballast filter condition

N/A

Ballast filter type

N/A

Pre-filter condition

N/A

Pre-filter type

N/A

Inlet filter condition

New

Inlet filter type

2 x K2027

Exhaust filter condition

N/A

Exhaust filter type

N/A

Exhaust back pressure

N/A

Coupling condition

N/A

Pump general notes

4 x 524009 vanes and 2 x K2027 inlet filters were replaced. However due to its age and the fact that the last overhaul was in 2000 we recommend that it is overhauled in April 2005 (following your busy holiday period) to ensure future trouble free performance. 4 Ways Ltd., will contact you next year to follow this up.

Further work required

Overhaul in April 2005.

**4 Ways Ltd.**

2/28 Anvil Rd, Silverdale, Auckland 1462

Phone; 09-426-9703 Fax; 09-426-9704

Web-site; www.4ways.co.nz

Industrial & Scientific Vacuum

E-mail; info@4ways.co.nz

Tax Invoice to

Sandspit Motor Camp,
1334 Sandspit Road,
RD.2,
Warkworth.

Date	16/11/2004	Our Ref;	J4W4727	Your Ref;	Brian	Invoice No	I4W4900
------	------------	----------	---------	-----------	-------	------------	---------

Description	Qty	Unit Price	Total
Site service on Rietschle DFT 60(02) serial number 95 1673685, report sent directly to Brian	1	192.00	192.00
K2027 5-7 micron paper filter element (909535 & C66)	2	10.48	20.96
524009, VFT/DFT 60 carbon vanes	4	161.00	644.00
18-11-04			

G.S.T. Reg No	70 496 232	TERMS	20th of month following invoice
---------------	------------	-------	---------------------------------

Nett **NZ\$856.96**

Thank you in advance for your prompt payment.

G.S.T. **NZ\$107.12**

- 1) No goods will be accepted for credit unless 4 Ways Ltd., has given prior consent and they are returned within 14 days. If approved all freight charges must be paid by the customer and a handling fee of 15% will be payable unless the goods are defective or an error was made by 4 Ways Ltd.
2) Goods remain the property of 4 Ways Ltd., until all monies owing are paid in full.
3) No claims accepted unless 4 Ways Ltd., are notified in writing within 7 Days.

Gross **NZ\$964.08**

18 March 2005

FILE COPY



Auckland
Regional Council
TE RAUHITANGA TAIAO

Brian Morrison Family Trust Vanessa Morrison Family Trust
(T/A Sandspit Motor Camp)
1334 Sandspit Road
R D 2 Warkworth 1241

Attention: Brian Morrison

Dear Brian,

Vodafone House, 21 Pitt Street
Private Bag 92 012, Auckland
New Zealand
DX CP 28 008 Pitt St
Telephone +64 9 366 2000
Facsimile +64 9 366 2155
www.arc.govt.nz

COMPLIANCE MONITORING

Consent Details:

Consent Number	22315
Consent Holder	Brian Morrison Family Trust Vanessa Morrison Family Trust (T/A Sandspit Motor Camp)
Activity Type	Sewage Discharge
Location	Sandspit Kowhai Landing Rodney District
Expiry Date	30 June 2014

File Ref: 7835

Thank you for your letter dated 4 March 2005 submitting your February sample results and meter readings for the months of December January and February.

Attached is a list of the information you are required to submit (please refer to the consent document for further details). I note this list has not been forwarded to you in the past and trust that it will be of use. Also attached are two wastewater flow meter record sheets. You can use one for the daily recording period between the months of December January and February and the other for monthly readings for the months of March to November.

Please note that the sample results showed high levels of Faecal Coliforms and Enterococci. This indicates a decline in performance of your wastewater treatment system. Please contact your maintenance supplier or consultant to investigate the problem and report the investigation results back to the ARC.

Also, it appears that the office has not received a copy of your maintenance contract. Please forward a copy of the signed contract and receipts for the septic tank clean outs to the undersigned by the due date below:

The outstanding information should be returned to the ARC, marked to the attention of the undersigned by 11 April 2005. If the information is not available by this date, please contact me to discuss an alternative.

Please note that as the ARC is a ratepayer funded organisation, it is our policy to recover costs incurred while dealing with non-compliance with a resource consent from the consent holder. Failure to provide the information requested by the due date may result in cost recovery following resolution of the matters.

If you have any queries regarding your consent, please contact Michelle Ip on 3662000 ext. 8104 and quote the consent number above.

Yours sincerely


Michelle Ip
Compliance Monitoring Officer
Consents and Compliance Monitoring
Encl.

24/3/05.

Sampling only req'd
Jan & July.
meter reading in
within 10 working days.

was told he needs to
replace w/bulbs
going bulbs in now.

maintain sys. himself
for minor jobs -
will send in receipts
for other bigger jobs
consent didn't
have condition for
contract to be in place





Compliance Information Required by ARC

Sewage Discharge

The following is a list of the 'One-off' information you are required to submit to ARC (please refer to the consent document for further details):

One-Off Requirements:

Consent Condition	Information Required	Date Required
28	Written maintenance contract	01 January 2000

Additionally, you are required to submit information to ARC on an ongoing basis. This information is summarised below (again please refer to the consent document for further details):

Self Monitoring:

Consent Condition	Information Required	Date Required
19	Flow records 25cmpd, daily 1 Dec-28 Feb, 1st day of month 1 Mar-30 Nov	Quarterly
22	Sampling requirements (effluent sample, suspended solids, faecal coliforms, and enterococci analysis). Standard: Suspended solids (less than 20 mg/l) - Quarterly <i>until 2001 then bi annually</i>	Quarterly
17	Complaints & Emergencies records	As required

Please forward the required information to the ARC, Private Bag 92012, Auckland, by 1 March, 1 June, 1 September and 1 December each year, marked to the attention of your Compliance Monitoring Officer.



Auckland
Regional Council
TE RAUHITANGA TAIAO

To: Consents & Compliance Monitoring

FLOW RECORDS

CLIENT	Brian Morrison Family Trust Vanessa Morrison Family Trust (T/A Sandspit Motor Camp)
CONSENT NUMBER	22315
AUTHORISED DISCHARGE QUANTITY	25 cubic metres per day
MONTH	December January February

Calculating your Daily Flow enables you to monitor your flow volumes, and ensure they are below the Maximum Authorised Discharge Quantity.

DATE	METER READING	DAILY FLOW (difference between today and yesterday's reading)	PUMP HOURS & OTHER COMMENTS
1st			
2nd			
3rd			
4th			
5th			
6th			
7th			
8th			
9th			
10th			
11th			
12th			
13th			
14th			
15th			
16th			
17th			
18th			
19th			
20th			
21st			
22nd			
23rd			
24th			
25th			
26th			
27th			
28th			
29th			
30th			
31st			

Please forward these records to ARC, Private Bag 92 012, Auckland, Fax: 09 366 2155 by 1 March, 1 June, 1 September and 1 December of each year.



FLOW RECORDS

- **Calculating your “Daily Average Flow” allows you to monitor your own flow volumes, and ensure that they do not exceed the maximum authorised discharge quantity.**

Please forward these records to ARC, Private Bag 92 012, Auckland, Fax: 09 366 2155.

4 March 2005

FILE COPY

Morrison Family Trust (T/A Sandspit Motor Camp)
1334 Sandspit Road
R D 2
Warkworth 1241

Attention: Mr and Mrs Morrison

Dear Brian and Vanessa

COMPLIANCE MONITORING SITE INSPECTION

Consent Details:

File Ref: 7835

Consent Number:	22315
Consent Holder:	Brian Morrison Family Trust Vanessa Morrison Family Trust (T/A Sandspit Motor Camp)
Site Name:	Sandspit Motorcamp
Activity Type:	Sewage Discharge
Location:	Sandspit Kawanui Landing Rodney District
Expiry Date:	30 June 2014

As you are aware, you hold a resource consent to discharge wastewater to ground as outlined above. The Auckland Regional Council has an on-going consent monitoring programme to check compliance with the conditions of all wastewater discharge permits and, where necessary, investigate the effects of these discharges on the environment.

This letter is to confirm that Regional Council staff inspected your site on 21 February 2005. As a result, the following recommendations are made to ensure the efficient operation of your system:

Disposal field maintenance

1. At the time of the visit it was observed that there were some boggy patches in your disposal field. These occurred down slope of some of the lines. This may be from surface water however it is advisable that you observe the field and if more boggy patches appear you will need to get a qualified wastewater technician in to view the lines.

Regular maintenance of your wastewater system will maximise its long term performance and minimise any adverse effect effluent disposal from your site may have on the environment.

These matters require your attention. You should be aware that the discharge of contaminants to the environment in a manner that is not in compliance with a resource consent constitutes an offence under the Resource Management Act 1991 (RMA), and may result in a fine or other enforcement action. The compliance of your discharge relies on all consent conditions, including those requiring submission of information to the ARC.

The ARC is a ratepayer funded organisation and our policy is to recover all costs incurred while dealing with non-compliance with a resource consent from the consent holder. As a result, failure to provide the information requested by the due date will result in cost recovery until matters are resolved.

2001, 2002 COMMENDATION
AWARD WINNER



"The Catalyst for Performance and Results"

If you have any queries regarding your resource consent, please contact me on 3662000 ext. 8142 or wastewater@arc.govt.nz and quote the consent number above. I look forward to working with you to resolve these outstanding issues.

Yours sincerely

Sarah Pennington
Compliance Officer
Consents and Compliance Monitoring

31 January 2003

B & V Morrison
Sandspit Motor Camp
1334 Sandspit Road
RD2 WARKWORTH

FILE COPY



Auckland
Regional Council
TE RAUHITANGA TAIAO

Dear Mr and Mrs Morrison

COMPLIANCE MONITORING SITE INSPECTION – 23 JANUARY 2003

Consent Details:

Consent Number(s):	22315
Consent Holder:	Brian Morrison Family Trust
Site Name:	Sandspit Motor Camp
Activity Type:	Wastewater discharge
Location:	1334 Sandspit Road, Sandspit
Expiry Date:	31 December 2014

Vodafone House, 21 Pitt Street
Private Bag 92 012, Auckland
New Zealand
DX CP 28 008 Pitt St
Telephone +64 9 379 4420
Facsimile +64 9 366 2155
www.arc.govt.nz

File Ref 7835

As you are aware, you hold the above resource consent to discharge wastewater at the above site via land application. The Auckland Regional Council has an on-going consent monitoring programme to check compliance with the conditions of wastewater discharge permits and to investigate the effects of these discharges on the environment.

Thank you for meeting with Regional Council staff on 23 January 2003 to inspect your site. The system appears to be performing satisfactorily. However, the following matters do require your attention:

1. **Dripper Lines** – During the visit there was a leak from one dripper line. This must be repaired so that no effluent ponds on the disposal field.
2. **Olive Trees** – In the past you have had contact with Belinda Gillespie regarding the olive trees growing on the disposal field. Belinda contacted Auckland Healthcare and they advised they do not have a problem with the olives being grown in this area provided they are only for private use.

Thank you for submitting the last set of effluent sample results in August 2002 along with flow meter records to that date. Please note that your resource consent requires that these flow records be submitted every three months by 1 March, 1 June, 1 September and 1 December each year along with records of any complaints of emergencies. If no problems have occurred please note this. The records to December are outstanding.

Please submit the outstanding flow records and also provide confirmation that the dripper line has now been repaired when you submit the results of effluent sampling taken at end January 2003.

If you have any queries regarding this matter please contact me on 366 2000 ext 8496 or wastewater@arc.govt.nz

Yours faithfully

Tegan Brown
Compliance Monitoring
Land and Water Quality

2001 COMMENDATION AWARD
WINNER



NEW
ZEALAND
BUSINESS
EXCELLENCE
FOUNDATION

"The Catalyst for Performance and Results"



Auckland
Regional Council
TE RAUHITANGA TAIAO

☐ Resource Use Screen Updated

Compliance Monitoring Site Inspection Sheet

Site Name: Sandspit Motor Camp
 Consent File No: 7835 PC No: _____
 Date: 23-1-03 Time On-Site: 1400 - 1430
 Staff Member: TJB / RM Site Contact: Brian Morrison
 Compliance Rating (Circle) 1 2 3A 3B 3C 4 5

System Type

septic => aeration plant => UV => disposal (drip lines)

General Observations

- 200% reserve ✓
- inspect 6 month, 1/2 tank or 2 yrs - cleaned yrly unless ok ✓
- UV unit - inspect every 2 days, clean monthly ✓
 - spare lamp ✓
- vehicle access ✓
- signage on disposal - 24hr numbers ✓
- signs in toilet/kitchen ✓
- alarm ✓
- standby pump or contract for 2 hrs spare ✓
- log book of comp ✓
- damage to 1 disposal line
- olive trees on disposal field => divert field for
 few weeks b4 harvesting.
- meter broke down Xmas Eve - didn't measure flows
 for 2 weeks.

Actions Required

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are approximately 20 lines visible. The paper appears to be a standard notebook page.

Follow up

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.



Auckland **Regional** Council

Vodafone House
21 Pitt Street
Private Bag 92 012
Auckland
New Zealand

9 April, 2001

Auckland Healthcare Services
Private Bag 92605
Symonds Street
Auckland 1001

DX CP 28 008 Pitt St
tel 64 9 379 4420
File Ref: Cg 5835366 2155
website www.arc.govt.nz

Attention: Leslie Breech

Dear Leslie

WASTEWATER DISCHARGE - COMPLIANCE MONITORING

Consent Details:

File Number:	7835
Consent Number:	22315
Consent Holder:	Brian Morrison Family Trust
Site Name:	Sandspit Motor Camp
Location:	Sandspit Kawau Landing Rodney District
Activity:	To discharge up to 25 m ³ /day of treated wastewater to land
Expiry:	30 June 2014

As previously discussed the above wastewater system discharges onto an olive grove. The discharge has not been in compliance with the Ministry of Health¹ guidelines (The faecal coliform level in the January 2001 sample was 30,000 MPN/100 ml).

As a result of our telephone conversation, Auckland Regional Council understood that Auckland Healthcare Services would not be concerned with this issue, provided that: the discharge is subsurface, the disposal field is fenced and signed and there is no public access.

These issues have been discussed with the Consent Holder and an ARC Officer who has visited the site. ARC understands that the wastewater irrigation lines are laid on the surface of the ground. There are signs in place around the disposal field and the treatment and disposal system has been well maintained. The olives are for personal use only.

Please contact ARC to advise whether Auckland Healthcare Services have any issues with the above activity. If you have any queries regarding this matter please contact the undersigned on 366 2000 ext 8133.

Yours faithfully

Belinda Gillespie
Land & Water Quality

cc Sandspit Motor Camp

9/8/01
Copy of letter forwarded
to Louise Rye - Auckland
Healthcare.

¹ Ministry of Health, 1992, 'Public health guidelines for the safe use of sewage effluent and sewage sludge on land'.



Auckland **Regional** Council

Vodafone House
21 Pitt Street
Private Bag 92 012
Auckland
New Zealand

5 March, 2001

Sandspit Motor Camp
1334 Sandspit Road
RD 2
Warkworth

DX CP 28 008 Pitt St
tel 64 9 379 4420
File Ref: 64 9 366 7685
website www.arc.govt.nz

Attention: B & V Morrison

Dear Mr & Mrs Morrison

COMPLIANCE MONITORING

Consent Details:

File Number:	7835
Consent Number:	22315
Consent Holder:	Brian Morrison Family Trust
Location:	Sandspit Kawau Landing Rodney District

As you are aware, you hold the above resource consent to discharge domestic wastewater from a campground at Sandspit Motor Camp to ground disposal. Auckland Regional Council has an on-going consent monitoring programme to check compliance with the conditions of wastewater discharge permits and to investigate the effects of the discharges on the environment.

Thank you for forwarding your most recent monitoring results (dated 30 January 2001) to ARC. The high bacterial count of the discharge indicates that the UV sterilisation system is not operating sufficiently. Please contact the undersigned to confirm that you are following the maintenance procedures set out in your Management Plan, ie inspecting UV lamps every second day and cleaning or replacing where necessary, and on a monthly basis dismantling and cleaning the UV unit.

ARC notes that the effluent is being discharged onto an olive grove. The Ministry of Health¹ guidelines state that when sewage effluent is used to irrigate "orchards where dropped fruit is not harvested" the quality should be less than 1,000 faecal coliforms per 100 ml. The faecal coliform level in the January 2001 sample was 30,000 MPN/100 ml. -

If you have any queries regarding this matter please contact the undersigned on 366 2000 ext 8133.

Yours faithfully

Belinda Gillespie
Land & Water Quality

cc Auckland Healthcare - *Leslie Breech* →

¹ Ministry of Health, 1992, 'Public health guidelines for the safe use of sewage effluent and sewage sludge on land'.

Sandspit Motor Camp
1334 Sandspit Road
R.D.2.
Warkworth
Ph /Fax 09 4258610

Auckland Regional Council
Private Bag 92012
Auckland

Attn Stuart Chapman

Dear Stuart

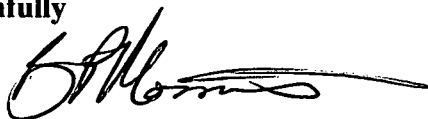
Nice to know!

With regards to your letter of 30th March. I have Today inspected and purged all of the dripper lines in the disposal field. There is no sign of any problems with the lines and the most sediment that came out of any of the lines was the size of a cats pooh. The lines have not been flushed sine about November 99 and this is the only accumulation of solids that has occurred even over the busy summer period. All the dripper holes seem to be functioning satisfactorily and I am confident that there is no deterioration of the fields effectiveness.

If the suspended solid level is 80mg/l as your test indicated it is certainly having no effect on the dripper lines. It is evident to me that councils fears that the suspended solids would cause problems in the field are unfounded as it has operated for three summers now with no hiccups. I can assure you that I am maintaining the treatment and disposal field regularly to ensure its efficient operation. With the dripper line laying on the ground surface it is always visible to see that the drippers are functioning and any problems are quickly spotted.

As I pointed out during your visit I have installed a simple gauze filter immediately before the meter as the effluent is pumped up the hill. I did this after a blockage occurred at the meter. The main cause of blocking at this point was Totara leaves and scum which accumulated in the bottom of the tank. This filter is between where you took your sample and the disposal field

Yours faithfully



Brian Morrison

FILE No:	231483
UNIQUE No:	RECEIVED
5 - APR 2000	
Auckland Regional Council	
ATTENTION:	
INFORMATION:	
ACTION:	



Auckland **Regional** Council

Vodafone House
21 Pitt Street
Private Bag 92 012
Auckland
New Zealand

30 March, 2000

Sandspit Motor Camp
1334 Sandspit Road
RD 2
Warkworth

DX CP 28 008 Pitt St
tel 64 9 379 4420
fax 64 9 366 2155
File Ref: Cg/7835

Attention: B & V Morrison

FILE

Dear Mr & Mrs Morrison

Compliance Monitoring Site Inspection - Discharge Permit Number – Cg/7835

As you are aware, you hold the above resource consent to discharge domestic wastewater from a campground at Sandspit Motor Camp to ground disposal. Auckland Regional Council has an on-going consent monitoring programme to check compliance with the conditions of wastewater discharge permits and to investigate the effects of the discharges on the environment.

This letter is to confirm that Regional Council staff inspected your site on 6 March 2000, in the presence of Brian Morrison and samples were collected from the property immediately following the UV treatment unit. A copy of the analytical results are enclosed for your information, and an invoice for sampling costs will follow shortly.

The system appears to be working well with respect to bacterial levels, however the suspended solid measured at 80 mg/L exceed the level permitted by your Resource Consent of 20 mg/L. As you are probably aware, high levels of solids in the system may lead to problems with the dripper lines caused by solids build-up. At this point of time we recommend that you undertake maintenance of the plant in accordance with your on-site waste disposal management plan. These works should include purging the dripper lines of any accumulated solids. Confirmation of the works undertaken should be submitted in writing to Auckland Regional Council and marked to the attention of the undersigned by 13 April 2000.

A sample of the effluent quality is due to be taken by yourselves on the last Monday morning of April 2000, and a copy of the results submitted to the ARC within one month. The results of these samples will give us a better as to whether or not a effluent filter system will need to be incorporated into the system in the near future.

Regular maintenance of your disposal system is required to maximise its long term performance and minimise any adverse effect effluent disposal from your site may have on the environment.

Auckland Regional Council is a ratepayer funded organisation. For this reason, it is our policy to recover costs incurred while dealing with non-compliance with a resource consent from the consent holder. These costs may include officer's time, travel and analytical fees. An invoice may follow upon resolution of the above matters.

If you have any queries regarding this matter please contact the undersigned on 366 2000 ext 8320.

Yours faithfully

A handwritten signature in black ink, appearing to be 'Stuart Chapman', written over a horizontal line.

Stuart Chapman
Compliance Monitoring Officer
Land & Water Quality

Enc: Copy of Analytical Results

← estuary →

← land →

SANDSPIT MOTOR CAMP - Cg/7835																	
DATE	24/01/97	7/03/97	9/09/97	9/10/97	5/01/98	6/01/98	19/02/98	12/06/98	24/09/98	2/12/98	7/12/98	2/02/99	3/04/99	2/08/99	1/11/99	1/02/00	6/03/00
BOD	14	19	4.2	10	110	75	10	19	46	110	21	21	11	n/a	n/a	9.1	14
enter-ME	3200	1600	2600	9	390000	340000	3500	7200	2000	14000	2300	9000	5200	73	26000	400	27
faec-MPN	240000	800	28000	20	1600000	70000	17000	3000	3000	300000	500	160000	300000	300	160000	80	7
pres-MPN	500000	2300	170000	130	1600000	500000	30000	80000	30000	1600000	5000	160000	300000	800	160000	230	300
SS	59	86	17	64	64	28	23	180	48	236	29.5	29	14	18	7.5	19	80
														*new permit issued May 1999			

permit limits ss = 20 mg/l



COMPLIANCE MONITORING SITE SHEET

Auckland **Regional** Council

SITE NAME	<u>Sandspit Motor Camp</u>		
CONSENT FILE NUMBER #	<u>Cg/7835</u>	*PC#	
POLLUTION FILE #		*CT	
STAFF MEMBER	<u>S. Chapman/ML</u>	DATE	
TIME OF VISIT	<u>1 pm</u>	TIME ON SITE	
CODE RC			
INFO RECEIVED: Survey ☒ Other ☐			
REPORTED TO E.M.S.			

TYPE OF SYSTEM

septic tank, aeration towers, UV sterilization unit
& trickle disposal to olive orchard.

GENERAL OBSERVATIONS

- well kept site, well maintained and looked after,
as in best interests of owners
- all signs etc in place
- disposal field in good order - no perceived
problems
- septic tank emptied 3/12/99

SPECIFIC ACTIONS REQUIRED

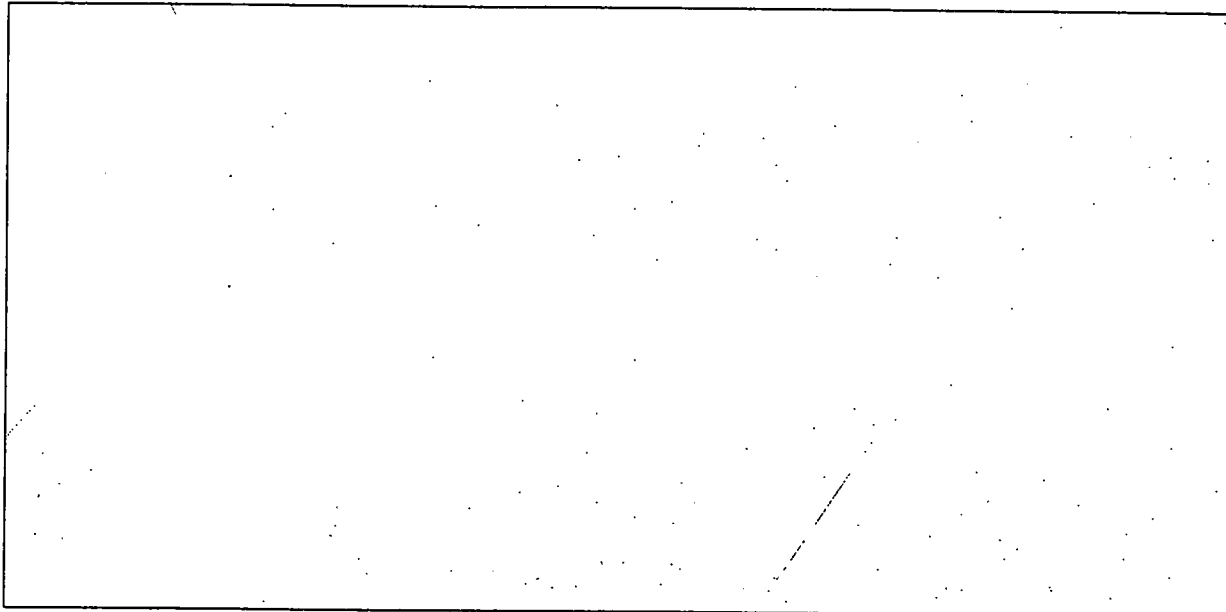
1. • need to send in samples for those taken
in January - due 28/2/2000 & received
2. • await results from our tests before
writing letter.
3. _____
4. _____
5. _____

SAMPLES TAKEN: YES/NO

PARAMATERS: _____

BATCH NUMBER: _____

DIAGRAM



NOTES

SUMMARY REPORT

LETTER SENT ☐

REPLY ☐

SAMPLE RESULTS ☐

PHOTOS ☐

ABATEMENT NOTICE ☐

FOLLOW UP VISIT REQUIRED ☐

RESOLVED ☐

OTHER _____

LEGAL ☐

COST RECOVERY \$ _____

ID SOLUTIONS: _____
