

FILE NOTE

DATE 16/05/2014
AUTHOR [REDACTED]
SUBJECT compliance visit13/14
FILE NUMBER WGN/11/0357/1-v1

I arrived on site 15:00 and meet [REDACTED]

It was windy and raining.



3 autoclaves all currently in the process of sterilising medical waste at a temperature of 140c. There was a slight odour inside the building that was fairly unpleasant.



After finishing the cycle inside the autoclaves the contents were put onto a conveyor belt which carried the waste to the truck which would take the waste to the porirua landfill which is on the same road.



The autoclave being tipped has just emptied its contents onto the conveyor belt. This is the portion of the process which has the history of creating odours. In the photo it is possible to see the steam from the autoclave being trapped by the blue tarp and being sucked in by the filtration system. I inspected the filtration system out the back while the autoclaves were running and I could detect no odour.

I was informed by [REDACTED] that MPI inspect the location every month.

[REDACTED]
Environmental Protection Officer
Environmental Regulation

DD: [REDACTED]
[REDACTED]



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www.interwaste.co.nz

8th AUGUST 2014

The Manager
Environmental Regulation
Greater Wellington Regional Council
P O Box 11646
WELLINGTON 6142

Re: WGN110357 Discharge to Air Consent

Dear Sir / Madam

International Waste Ltd, trading as Interwaste are pleased to report on the preceding years operation of our site at 12 Broken Hill Road in Porirua.

This is our second full twelve month period of operation, having built during the previous year. The site was fully operational as of 22nd February 2012.

Our site was recently visited / audited by [REDACTED] of GWRC, who wanted to familiarise himself with the facility and its operation.

Plant Volumes: (10)

Over the time frame, we normally operate for 14 hour days, on a Monday to Friday basis. During high demand periods, such as the Summer Cruise season, we have occasionally had to increase this to 16 hour days. We have also run an additional 8 hour shift on a Saturday to catch up. Based on an average weight of 125kg per chamber, we generally expect 36 – 39 sterilization cycles per day, resulting in a daily throughput of 4,500 – 5,000 kg. This is within our anticipated operational volumes (2.2)

Bio-filter (14,15)

We consider that this unit is an integral part of the odour control, and is working well. [REDACTED] of SKM, was commissioned to test and verify that the bio-filter was working in accordance with our consent. This happened on 5th July 2012.

Following his report, we were advised to monitor the moisture content of the bark more closely, and instigated weekly visual checks to ensure the medium kept sufficient moisture to be most effective. This continues as part of our operational procedure, and we have had no further issues arising from the biofilter.

Door operation (17)

All of our staff are trained that the entry and exit doors are not to be left open for any extended periods of time following entrance or exiting of the plant.

This is a written policy in our Operations Manual, and we have regular reminders of this in our weekly "Tool Box" meetings. There has been no noticeable periods of these being left open.

Complaints (19)

We are pleased to report that we have not had any complaints from neighbouring properties in relation to odour issues over this period. We are fortunate to enjoy good relationships with the neighbouring properties.

Please feel free to contact the writer at any time if you require any additional information.

Yours faithfully

Blair Chalmers
BRANCH MANAGER
Interwaste Wellington
12 Broken Hill Road
PORIRUA

Phone 04 237 9687
Mobile 021 727 138
Email blair@interwaste.co.nz

Emily McDowall

Subject: FW: resource consent

From: Blair Chalmers <Blair@interwaste.co.nz>
Sent: Monday, 18 August 2014 12:28 pm
To: [REDACTED]@gw.govt.nz
Subject: RE: resource consent

Hi [REDACTED]

Sorry for not getting back to you on this.

I received your email last week in regards to getting a report and I have made contact with [REDACTED] from Jacobs. He will be out here on Thursdays morning to do an inspection of the biofilter for us.

As soon as I get a copy of this report I will send it your way.

Regards

Blair

From: [REDACTED]@gw.govt.nz
Sent: Monday, 18 August 2014 11:31 a.m.
To: Blair Chalmers
Subject: RE: resource consent

Hi Blair

I have had a good look and I can not find a biofilter report in the file. A company called SKMglobal was involved in writing the consent conditions, they therefore maybe of assistance with the reporting requirements. Apparently the new name of the company is Jacobs.

Can you please keep me updated with the progress of the annual monitoring once you are in contact with someone to undertake the assesment.

If you have any questions please do not hesitate to get in contact.

Regards

[REDACTED]

From: Blair Chalmers [<mailto:Blair@interwaste.co.nz>]
Sent: Friday, 15 August 2014 10:28 a.m.
To: [REDACTED]
Subject: RE: resource consent

Hi [REDACTED]

I will have a look into whom i can get to complete a report in regards to our Biofilter.

I remember having this done a while ago. DO you remember who we got in to inspect the biofilter for us?

Regards

Blair Chalmers
Wellington Branch Manager



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www.interwaste.co.nz

From: [REDACTED]@gw.govt.nz
Sent: Thursday, 14 August 2014 2:53 p.m.
To: Blair Chalmers
Subject: resource consent

Hi Blair

Thanks again for the annual report. I had a quick look through the resource consent and due to the importance of the biofilter and the history of the biofilter I think it is important we get the reporting conditions ironed out.

In conditions 14 and 15 there are some specific reporting requirements for the annual report. This includes:

14. Annual biofilter monitoring:

The consent holder shall employ an appropriately qualified person to undertake a comprehensive assessment of the performance of the biofilter on an annual basis (or more frequently if deemed appropriate by the consent holder). The assessment shall involve an evaluation of the media size distribution and composition and effectiveness in removing contaminants.

I appreciate that you are new to the location so would be happy at any time to discuss what this would necessitate and any other questions regarding the reporting conditions for future monitoring requirements.

Regards

[REDACTED]
[REDACTED] | Environmental Protection Officer
GREATER WELLINGTON REGIONAL COUNCIL
Te Pane Matua Taiao
Shed 39, 2 Fryatt Quay, Pipitea, Wellington | PO Box 11646, Manners St, Wellington 6142
[REDACTED]

This information is intended to provide an initial guideline as to the requirements of the Regional Plans, based on the information you have provided. It does not represent a full assessment of the activity nor should it be relied on as a substitute for a certificate of compliance or resource consent.



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File No: WGN110357 [31060]
22 October 2014

International Waste Limited
PO Box 50 – 475
Porirua 5024

For: Blair Chalmers

Dear Blair

Compliance monitoring report 2013/2014 for WGN110357 [31060]

Consent holder:	<i>International Waste Limited</i>
Description:	<i>To discharge contaminants to air (namely odour) arising from the operation of a waste sterilisation facility.</i>
Location:	<i>12 Broken Hill Road, Porirua</i>
Consent type:	<i>Discharge permit</i>

I inspected your site on 15 May 2014 and audited your consent on 22 October 2014. Thank you for your assistance. Your compliance assessment for 2013/2014 is below.

Annual compliance rating

WGN110357 [31060] has a rating of **technical non-compliance** for 2013/2014.

You have received this rating because condition 18 was not complied with. Compliance ratings are explained overleaf.

Condition 18 states:

The consent holder shall prepare and submit an annual report to the Manager, Environmental Regulation,

Wellington Regional Council by 1 August each year. The report shall contain the relevant monitoring results, data and other information as required by conditions 10, 14, 15, 17 and 19 of this consent.

Condition 18 was not met because the report was not received before 1 August.

Action required by consent holder

In order to reach **full compliance** with your consent in the future, please submit the annual report by **1 August**.

Your consent will continue be inspected/assessed annually.

If you have any questions about the monitoring of your consent or your compliance assessment please contact me on [REDACTED]

Yours sincerely

[REDACTED]
Environmental Protection Officer, Environmental Regulation

GWRC compliance rating system

Grade	Rating	Explanation and examples	Likely action required of consent holder
A	Full compliance	<ul style="list-style-type: none"> All administrative conditions assessed are met (eg, supplying information and/or records) All effects based and best practice conditions assessed are met (eg, complying with any maximum limits) 	<ul style="list-style-type: none"> None – 100% compliance with all consent conditions assessed
B	Technical non-compliance	<ul style="list-style-type: none"> Failure to supply information and/or keep adequate records Failure to adequately notify GWRC of works Minor works outside scope of consent issued but within scope of environmental effects considered when consent processed 	<ul style="list-style-type: none"> Action by the consent holder within specified timeframe
C	Environmental non-compliance	<ul style="list-style-type: none"> Breach of effects based or best practice consent condition with minor actual or potential environmental effects Breach of effects based or best practice consent condition with more than minor actual or potential environmental effects that can be fixed immediately Works outside scope of consent issued where environmental effects not considered 	<ul style="list-style-type: none"> Requires immediate action and possible ongoing action by the consent holder Non-routine additional follow up inspection and/or audit by Environmental Regulation staff
D	Significant non-compliance	<ul style="list-style-type: none"> Persistent Grade C breach of same condition and failure to respond to requests for compliance Significant breach of effects based or best practice conditions that causes environmental effects (eg, unauthorised discharge from site to water, significant disturbance to sensitive receiving environment or site on a scale not envisaged by consent, significant breach of water quality/quantity limit) Significant works outside scope of consent issued that causes environmental effects 	<ul style="list-style-type: none"> Requires immediate action and possible ongoing action by the consent holder Non-routine additional follow up inspection and/or audit by Environmental Regulation staff

Notes

- The actions and examples are a guide for compliance assessment. Depending on the consideration of any mitigating or aggravating factors, a more stringent or less stringent grading may be applied.
- If your consent falls within Grade B, C, or D, additional non-standard compliance charges apply which are based on actual and reasonable time spent by GWRC staff.
- Please be aware that GWRC has a responsibility to enforce the Resource Management Act 1991. Failure to comply with the Act can result in an infringement notice with a maximum fee of \$1,000 or prosecution with a maximum fine of \$600,000 for a company or \$300,000 or two years imprisonment for an individual. Accordingly, all necessary steps must be taken to ensure you comply with your obligations under the Act.

Consent supervision and monitoring charges

Each consent receives either an annual or one-off consent monitoring charge from GWRC.

This charge is made up of three parts:

- A *customer service charge* that covers the administrative cost of your consent(s);
- A *compliance monitoring charge* that covers all actual and reasonable time associated with assessing compliance with your consent(s) including the time spent visiting and assessing your site, information and reports you submit, file notes, travel time and reporting to you on compliance with your consent(s); and
- A *State of the Environment (SoE) charge* that covers a proportion of the cost of GWRC monitoring the environment that relates to your activity.

For further information on consent monitoring charges, please see our *Resource Management Charging Policy*.

Emily McDowall

From: [REDACTED]
Sent: Wednesday, 30 May 2012 1:58 pm
To: [REDACTED]
Subject: Annual compliance inspection

Hi [REDACTED]

I need to perform the annual compliance inspection, and will be at Spicer's landfill at approximately 3-4pm tomorrow 31 May.

I would like to do the compliance inspection at Interwaste from about 4pm.

Please let me know if this is acceptable, and who to speak to on site.

Regards,

[REDACTED] | Resource Advisor
GREATER WELLINGTON REGIONAL COUNCIL
Te Pane Matua Taiao
142 Wakefield St | PO Box 11646, Manners St, Wellington 6142
[REDACTED]
www.gw.govt.nz

This information is intended to provide an initial guideline as to the requirements of the Regional Plans, based on the information you have provided. It does not represent a full assessment of the activity nor should it be relied on as a substitute for a certificate of compliance or resource consent.



File No: WGN110357 [31060]
31 July 2012

International Waste Limited
PO Box 50 – 475
Porirua 5024

For: [REDACTED]

Dear [REDACTED]

Compliance monitoring report 2011/2012 for WGN110357 [31060]

Consent holder:	<i>International Waste Limited</i>
Description:	<i>To discharge contaminants to air (namely odour) arising from the operation of a waste sterilisation facility.</i>
Location:	<i>12 Broken Hill Road, Porirua</i>
Consent type:	<i>Discharge permit</i>

[REDACTED] inspected your site on 31 May 2012. Thank you for your assistance. Your compliance assessment for 2011/2012 is below.

Annual compliance rating

WGN110357 [31060] has a rating of **full compliance**. Compliance ratings are explained overleaf.

Action required by consent holder

Please continue to comply with all consent conditions.

Consent supervision and monitoring charge and next compliance assessment

You will receive an annual consent supervision and monitoring charge for your consent on the anniversary of when your consent was granted. Components of this charge are explained at the end of this letter.

Your consent will continue to be inspected/assessed annually.

If you have any questions about the monitoring of your consent or your compliance assessment please contact [REDACTED] on [REDACTED]

Yours sincerely,

[REDACTED]
Compliance Assistant, Environmental Regulation

Greater Wellington compliance rating system

Grade	Rating	Explanation and examples	Likely action required of consent holder
A	Full compliance	<ul style="list-style-type: none"> All administrative conditions assessed are met (e.g. supplying information and/or records) All effects based and best practice conditions assessed are met (e.g. complying with any maximum limits) 	<ul style="list-style-type: none"> None – 100% compliance with all consent conditions assessed
B	Technical non-compliance	<ul style="list-style-type: none"> Failure to supply information and/or keep adequate records Failure to adequately notify GW of works Minor works outside scope of consent issued but within scope of environmental effects considered when consent processed 	<ul style="list-style-type: none"> Action by the consent holder within specified timeframe
C	Environmental non-compliance	<ul style="list-style-type: none"> Breach of effects based or best practice consent condition with minor actual or potential environmental effects Breach of effects based or best practice consent condition with more than minor actual or potential environmental effects that can be fixed immediately Works outside scope of consent issued where environmental effects not considered 	<ul style="list-style-type: none"> Requires immediate action and possible ongoing action by the consent holder Non-routine additional follow up inspection and/or audit by Environmental Regulation staff
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Notes

- The actions and examples are a guide for compliance assessment. Depending on the consideration of any mitigating or aggravating factors, a more stringent or less stringent grading may be applied.
- If your consent falls within Grade B, C, or D, additional non-standard compliance charges apply which are based on actual and reasonable time spent by Greater Wellington staff.
- Please be aware that Greater Wellington has a responsibility to enforce the Resource Management Act 1991. Failure to comply with the Act can result in an infringement notice with a maximum fee of \$1,000 or prosecution with a maximum fine of \$600,000 for a company or \$300,000 or two years imprisonment for an individual. Accordingly, all necessary steps must be taken to ensure you comply with your obligations under the Act.

Consent supervision and monitoring charges

Each consent receives either an annual or one-off consent supervision and monitoring charge from Greater Wellington.

This charge is made up of three parts:

- A *customer service charge* that covers the administrative cost of your consent(s);
- A *compliance monitoring charge* that covers all actual and reasonable time associated with assessing compliance with your consent(s) including the time spent visiting and assessing your site, information and reports you submit, file notes, travel time and reporting to you on compliance with your consent(s); and
- A *State of the Environment (SoE) charge*. This is only applied in cases where Greater Wellington monitors resource use in your area to ensure the sustainable management of that resource.

For further information on compliance charging, please see the Greater Wellington *Resource Management Charging Policy (2011)*.

Emily McDowall

From: Blair Chalmers <Blair@interwaste.co.nz>
Sent: Wednesday, 5 August 2015 6:55 am
To: [REDACTED]
Subject: Bio Filter final assesment for Interwaste Wellington
Attachments: IZ025700W0001-Issue.pdf

Good morning [REDACTED]

I have attached the final assessment of the Bio Filter check.

Please let me know if there is anything missing. I sent you my report last week, Can you please confirm that you have received this?

Regards

Blair Chalmers
Wellington Branch Manager



International Waste Ltd www.interwaste.co.nz
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Emily McDowall

From: Blair Chalmers <Blair@interwaste.co.nz>
Sent: Friday, 25 September 2015 11:24 am
To: [REDACTED]
Subject: RE: Bio Filter final assesment for Interwaste Wellington

Thanks for reminding me [REDACTED]

I'm so busy at the moment that sometimes I need a kick in the right direction to remember to reply to my emails.

We are about to change our autoclave system in the next two – three weeks and I have asked the engineer to look into this and again once the new system is in place will need to adjust it to suit.

I should have it running to optimal performance by November. I have not made any changes to it yet as per advice from Jacobs until the new unit is in place and operating.

Thanks again for your continued support.

Regards
Blair

From: [REDACTED]@gw.govt.nz]
Sent: Friday, 25 September 2015 10:04 a.m.
To: Blair Chalmers
Subject: RE: Bio Filter final assesment for Interwaste Wellington

Hi Blair

Have you had a chance to ask about the flow rate with anyone about the flow rate through the Biofilter?

Regards

[REDACTED]

From: [REDACTED]
Sent: Tuesday, 8 September 2015 4:50 p.m.
To: 'Blair Chalmers'
Subject: RE: Bio Filter final assesment for Interwaste Wellington

Hi Blair

My apologies for the delay. Thanks for sending in the annual report and biofilter assessment.

As noted in the biofilter report (pg 10) – the flow rate is higher than the consent allowed (although the flow rate was still within the recommended MfE guidelines and had a positive assessment).

Is this flow rate able to be altered or are you able to provide some information to say that the current flow rate provides optimal filtration? Due to your location I believe that it is important to have the biofilter running as optimally as possible.

I note that the expert opinion is that the “biofilter . . . performance should be adequate for removing odour from the building for treatment in the biofilter” so I will look into the best way to relate the flow rate to the consent condition.

I would also like to thank you for your effort and for the improvements that have gone into the biofilter - such as the lime, increased bed material and the automatic sprinkler system. It is very valuable progress.

I am on a training course tomorrow so will give you a call on Wednesday.

Regards

█

From: Blair Chalmers [<mailto:Blair@interwaste.co.nz>]
Sent: Tuesday, 8 September 2015 12:55 p.m.
To: Simon Hunt
Subject: RE: Bio Filter final assesment for Interwaste Wellington

Good afternoon █

Have you had a chance to look at our consent reports?

I look forward to your reply.

Regards
Blair

From: █ [[@gw.govt.nz](mailto:█@gw.govt.nz)]
Sent: Wednesday, 5 August 2015 8:42 a.m.
To: Blair Chalmers
Subject: RE: Bio Filter final assesment for Interwaste Wellington

Hi Blair

Thanks for sending this report through, I will have a look at it as soon as I can and get back in touch if I have any questions.

My apologies for not confirming that I received the last report, I have that also and will have a look at the reports together, hopefully early next week.

Regards

█

From: Blair Chalmers [<mailto:Blair@interwaste.co.nz>]
Sent: Wednesday, 5 August 2015 6:55 a.m.
To: █
Subject: Bio Filter final assesment for Interwaste Wellington

Good morning █

I have attached the final assessment of the Bio Filter check.

Please let me know if there is anything missing. I sent you my report last week, Can you please confirm that you have received this?

Regards

Blair Chalmers

Wellington Branch Manager



International Waste Ltd www.interwaste.co.nz

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www.interwaste.co.nz

27th July 2015

The Manager
Environmental Regulation
Greater Wellington Regional Council
P O Box 11646
WELLINGTON 6142

Re: WGN110357 Discharge to Air Consent

Dear Sir / Madam

International Waste Ltd, trading as Interwaste are pleased to report on the preceding years operation of our site at 12 Broken Hill Road in Porirua.

This is our third full twelve month period of operation. The site was fully operational as of 22nd February 2012.

Plant Volumes: (10)

In my previous report I mentioned that, we normally operate for 14 hour days, on a Monday to Friday basis. Because of high demand in November 2014 we changed our operation to a 16 hour processing day. We occasionally also run an additional 8 hour shift on a Saturday or Sunday to catch up. Based on an average weight of 125kg per chamber, we generally expect 39 – 45 sterilization cycles per day, resulting in a daily throughput of 5,000 – 6,000 kg. This is within our anticipated operational volumes (2.2)

Bio-filter (14,15)

We consider that this unit is an integral part of the odour control, and is working well. [REDACTED] of Jacobs New Zealand Ltd, was commissioned to test and verify that the bio-filter was working in accordance with our consent. This happened on 15th July 2015.

[REDACTED] was happy with what he has seen and will be issuing a report by the end of July. I have made contact with him on the 27th of July and he has informed me that they are simply waiting on the lab results for the samples taken. Last year we were told that our bark level was low and the PH level was low. Shortly after August 2014 we have added 15 cubic meters of bark and a layer of lime to bring the PH level up. I have also installed an automatic sprinkler system to keep the layers moist. [REDACTED] was happy with this. I am confident the Bio Filter is in excellent working order and will send through the Jacobs assessment report as soon as I receive it.

Door operation (17)

All of our staff are trained that the entry and exit doors are not to be left open for any extended periods of time following entrance or exiting of the plant.

This is a written policy in our Operations Manual, and we have regular reminders of this in our weekly "Tool Box" meetings. There has been no noticeable periods of these being left open.

Complaints (19)

I am pleased to report that we have not had any complaints from neighbouring properties in relation to odour issues over the last three years. We are fortunate to enjoy good relationships with the neighbouring properties.

Please feel free to contact me at any time if you require any additional information.

Sincerely

Blair Chalmers
BRANCH MANAGER
Interwaste Wellington
12 Broken Hill Road
PORIRUA

Phone 04 237 9687

Mobile 021 727 138

Email blair@interwaste.co.nz

Emily McDowall

From: Blair Chalmers <Blair@interwaste.co.nz>
Sent: Monday, 27 July 2015 10:10 am
To: [REDACTED]
Subject: Interwaste Wellington Discharge to air report
Attachments: GWRC Air Consent Report 27th July 2015.docx

Good morning [REDACTED]

Happy 2015 and I hope all is well with you?

I have attached the report for 2015, I am just waiting on the final assessment report from [REDACTED] (Jacobs NZ Ltd). He came in on the 15 to assess our Bio Filter but is just waiting on the lab results. I have explained all this in the report.

We have topped this up with bark, added lime and have a water sprinkler system installed to tackle the issues that were raised last year.

I will send you a copy of the report as soon as [REDACTED] sends this through.

Regards

Blair Chalmers
Wellington Branch Manager



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