

## Ainslee Brown

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**From:** Grant Hally [REDACTED]  
**Sent:** Tuesday, 24 May 2016 11:27 AM  
**To:** Stephen Thawley  
**Cc:** John Cronin  
**Subject:** Reminder to submit water use records

Hi Stephen

Our client, John Cronin has passed on your note to me.

The Refreshment Place property did not draw any water in the 2014-2015 year.

We will let you know when this changes.

Best regards

**Grant Hally** BCom, CA, FCIS  
Managing Partner

**RSM New Zealand (Auckland)**  
Ford Building, 86 Highbrook Drive, Highbrook, Auckland 2013, New Zealand  
**D:** [REDACTED] **M:** [REDACTED] | **E:** [REDACTED] | **W:** [www.rsmnz.co.nz](http://www.rsmnz.co.nz)



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**From:** Stephen Thawley <[Stephen..Thawley@gw.govt.nz](mailto:Stephen..Thawley@gw.govt.nz)>  
**Date:** 18 May 2016 at 11:09:18 AM NZST  
**To:** [REDACTED]  
**Subject:** Reminder to submit water use records

Hi

This is a friendly reminder to all water take consent holders to check and send in water use records for the period from 2014-2015 year as we will be commencing a compliance audit of water take consents shortly.

***If you have already submitted your water use records,*** we'll be doing your compliance audit in the near future. Now is a good time for you to check if there are other conditions on your water take consent that may require you to undertake actions and report them to us.

***If you haven't submitted water use records yet,*** these are due by 30 July at the latest according to National Regulations. Your consent conditions may require you

to submit them earlier or more frequently than that, hence it is important that you to check your resource consent as to what your specific requirements are.

You can submit your water use records in the following two ways:

1. Upload your water meter readings directly to our WATER USE website at <http://wateruse.gw.govt.nz/>. If you need your customer number and password resent, you can contact our Environment Help Desk on 0800 496734 or e-mail [notifications@gw.govt.nz](mailto:notifications@gw.govt.nz).
2. Submit a MS Excel file of your water meter readings to [notifications@gw.govt.nz](mailto:notifications@gw.govt.nz). A template can be downloaded from our website at <http://www.gw.govt.nz/water-takes-and-bores/>.

*Please note that if you have not taken any water during the year you will still need to report this information to us.*

We are required to report all water use to the Ministry for the Environment, hence it is important that you meet your compliance requirements.

Feel free to call me if you have any questions.

Regards

Stephen

**Stephen Thawley** | Project Leader, Environmental Regulation  
**GREATER WELLINGTON REGIONAL COUNCIL** | 34 Chapel St | PO Box 41, Masterton 5840  
**Te Pane Matua Taiao**  
**T: 06 826 1584 | M: 021 567383**  
[www.gw.govt.nz](http://www.gw.govt.nz)

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## Ainslee Brown

---

**From:** Doug Mzila  
**Sent:** Wednesday, 26 October 2016 11:44 AM  
**To:** Kirsty van Reenen  
**Subject:** RE: Heretaunga Water Permit - WGN 130085 (31970) -

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Hi Kirsty

I am sure we do not have monitoring equipment at bore R27/7149.

Thanks  
Doug

---

**From:** Kirsty van Reenen  
**Sent:** Thursday, 20 October 2016 3:25 p.m.  
**To:** Doug Mzila  
**Subject:** FW: Heretaunga Water Permit - WGN 130085 (31970) -

Hi Doug,

See email below. This consent has the following conditions on it, can you confirm whether we or wellington water have water level recording equipment in R27/7149 (Blockhouse Lane Bore)?

### Water level monitoring

5. The consent holder shall install and commission water level recording equipment in the Blockhouse Lane bore (wells number R27/7149) that records continuous data at no greater than 60 minute intervals, **prior to the commencement of the take.**

The consent holder shall notify the Manager, Environmental Regulation, Wellington Regional Council, at least seven days prior to the equipment being installed, so that the current Wellington Regional Council monitoring equipment can be removed from the bore.

The water level recording equipment shall be installed and maintained by a suitably qualified person in accordance with manufacturer's specifications and to the satisfaction of the Manager, Environmental Regulation, Wellington Regional Council, for the duration of the consent.

*Note 1: The consent holder can contact the Environmental Science department, Wellington Regional Council for advice about the water level recording equipment, monitoring and reporting.*

*Note 2: The consent holder may choose to install a dedicated tube for manual measurements of water level in the bore using a dip meter to check the accuracy of the electronic measuring system.*

### Water level triggers and response

6. A water level ("trigger level") in the Blockhouse Lane bore (wells number R27/7149) of at least 44.57 m above MSL shall be maintained at all times, as measured by the water level recording equipment required by condition 5.

If the water level in the Blockhouse Lane bore drops below 44.57m above MSL, the consent holder shall reduce the instantaneous pumping rate immediately and to a point whereby the water level in the bore recovers to or above 44.57m above MSL, and is maintained at or above 44.57m above MSL, and notify the Manager, Environmental Regulation, Wellington Regional Council, as soon as practicable or by the next working day.

Within **one month** of the above occurring, the consent holder shall submit a report to the Manager, Environmental Regulation, Wellington Regional Council, which analyses the cause of the water level declining. The analysis shall be undertaken by a suitably qualified and experienced person and be to the satisfaction of the Manager, Environmental Regulation, Wellington Regional Council.

*Note: Following an assessment of this report, the Manager, Environmental Regulation, Wellington Regional Council may review the "trigger level" in this condition.*

Thanks  
Kirsty

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**From:** Jeremy Rusbach  
**Sent:** Thursday, 20 October 2016 1:16 p.m.  
**To:** Kirsty van Reenen  
**Subject:** FW: Heretaunga Water Permit - WGN 130085 (31970) -

**FYI – Heretaugna Water starting.**

**See Jeff's question on accessing esci data from nearby bore.**

**JR**

---

**From:** Jeff Colby [REDACTED]  
**Sent:** Thursday, 20 October 2016 11:06 AM  
**To:** 'naomi.middleton@gw.govt.nz' <[naomi.middleton@gw.govt.nz](mailto:naomi.middleton@gw.govt.nz)>  
**Subject:** Heretaunga Water Permit - WGN 130085 (31970) Extraction Commencement

Attn: Manager, Environmental Regulation, Greater Wellington Council  
RE: Heretaunga Water Limited, Water Extraction Permit : WGN 130085 (31970).

Dear Naomi,

In accordance with the section 10.3 of the Water Extraction Permit (refer attached), on behalf of Heretaunga Water, I advise the intent is to commence take under the license during the month of November 2016. We are planning to report, in accordance with sections 10.5, 10.9 and 10.10 of the extraction permit by the 10<sup>th</sup> day of December in respect to extraction during November and monthly thereafter.

Griffiths Drilling (Mel Griffiths) are in the process of sourcing and arranging installation of a meter next week, in accordance with 10.4 of the permit. A verification certificate will be completed by Griffiths Drilling in accordance with 10.7 of the permit and subsequently as required.

We note the conditions requiring monitoring equipment at 10.5 of the permit. This relates to monitoring of the water level in bore R27/7149 (Blockhouse Lane Bore). Does the current Greater Wellington Council monitoring equipment provide for monitoring of water level in this bore at 60 minute intervals? If so are we able to access those readings and rely on that existing infrastructure and equipment to ensure compliance with the permit conditions?

My contact details are below. Our Site Manager is Norma Holden, Ph: [REDACTED]

Please don't hesitate to contact me to discuss further as required.

Regards

Jeffrey Colby  
International Springs Ltd  
[REDACTED]

## Ainslee Brown

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**Sent:** Thursday, 20 October 2016 1:16 PM  
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Regards

Jeffrey Colby  
International Springs Ltd  
[REDACTED]

## Ainslee Brown

---

**From:** Kirsty van Reenen  
**Sent:** Wednesday, 26 October 2016 12:08 PM  
**To:** [REDACTED]  
**Cc:** [REDACTED]  
**Subject:** FW: Heretaunga Water Permit - WGN 130085 (31970) -

Hi Jeff,  
GWRC does not have monitoring equipment in bore R27/7149.

Kind Regards

**Kirsty van Reenen** | Resource Advisor  
**GREATER WELLINGTON REGIONAL COUNCIL**  
*Te Pane Matua Taiao*  
Shed 39, 2 Fryatt Quay, Pipitea, Wellington  
PO Box 11646, Manners St, Wellington 6142  
**T: 04 830 4015**  
[www.gw.govt.nz](http://www.gw.govt.nz)

---

**From:** Jeff Colby [REDACTED]  
**Sent:** Thursday, 20 October 2016 11:06 AM  
**To:** 'naomi.middleton@gw.govt.nz' <[naomi.middleton@gw.govt.nz](mailto:naomi.middleton@gw.govt.nz)>  
**Subject:** Heretaunga Water Permit - WGN 130085 (31970) Extraction Commencement

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RE: Heretaunga Water Limited, Water Extraction Permit : WGN 130085 (31970).

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My contact details are below. Our Site Manager is Norma Holden, Ph: [REDACTED]

Please don't hesitate to contact me to discuss further as required.

Regards

Jeffrey Colby  
International Springs Ltd

## Ainslee Brown

---

**From:** Shaun Andrewartha  
**Sent:** Friday, 9 December 2016 9:35 AM  
**To:** Kirsty van Reenen  
**Cc:** Jeremy Rusbatch  
**Subject:** FW: Heretaunga Water Permit - WGN 130085 (31970) - Nov 2016 Extraction  
**Attachments:** Heretaunga Water - Water Extraction and Monitoring Record - Nov 2016.xlsx

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Hi Kirsty,

I think you are the monitoring officer for this one?

Will leave with you – but let me know if it needs my input

Thanks  
Shaun

---

**From:** [REDACTED]  
**Sent:** Friday, 9 December 2016 9:13 a.m.  
**To:** Shaun Andrewartha  
**Subject:** Heretaunga Water Permit - WGN 130085 (31970) - Nov 2016 Extraction

Shaun,

Further to my advice of 20<sup>th</sup> October 2016 and I can confirm that Heretaunga Water commenced water extraction in November 2016. This is the start of a long and expensive commercial development with the intent of Selling Water to the International market.

I have prepared a water extraction report for the month of Nov 2016, refer attached.

From the report you will note that at this point water level monitoring is not in place for Bore R27/7149 (Blockhouse Lane Bore). We are in the process of reviewing options for getting monitoring equipment in place. In this respect we have briefed Pattle Delamore Partners Ltd for assistance.

In view of this Heretaunga Water has kept its extraction to a rate of 4 litres per second and not increased it to 10 litres per second that is permitted under the license. Until appropriate arrangements are in place to monitor the Blockhouse Lane Bore Heretaunga Water we will not be seeking to increase extraction beyond 4 litres per second +- 2%.

We will keep you updated.

Regards  
Jeffrey Colby  
For  
Heretaunga Water Limited

---

**From:** Jeff Colby [REDACTED]  
**Sent:** Thursday, 20 October 2016 11:06 AM

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My contact details are below. Our Site Manager is Norma Holden, Ph: [REDACTED]

Please don't hesitate to contact me to discuss further as required.

Regards

Jeffrey Colby

International Springs Ltd  
[REDACTED]

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## Ainslee Brown

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**From:** Shaun Andrewartha  
**Sent:** Friday, 9 December 2016 9:49 AM  
**To:** [REDACTED]  
**Cc:** Kirsty van Reenen  
**Subject:** RE: Heretaunga Water Permit - WGN 130085 (31970) - Nov 2016 Extraction

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Hi Jeffrey,

Thank you for the email - I have passed the information on to the monitoring officer for your consent, Kirsty Van Reenen (cc'd in to this email so you have her contact details)

Regards  
Shaun

**Shaun Andrewartha** | Acting Manager, Environmental Regulation  
**GREATER WELLINGTON REGIONAL COUNCIL** | 34 Chapel St | PO Box 41, Masterton 5840  
*Te Pane Matua Taiao*  
**T: 06 826 1606**  
[www.gw.govt.nz](http://www.gw.govt.nz)

---

**From:** water@internationalsprings.co.nz [REDACTED]  
**Sent:** Friday, 9 December 2016 9:13 a.m.  
**To:** Shaun Andrewartha  
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We will keep you updated.

Regards  
Jeffrey Colby  
For

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**Sent:** Thursday, 20 October 2016 11:06 AM  
**To:** 'naomi.middleton@gw.govt.nz' <[naomi.middleton@gw.govt.nz](mailto:naomi.middleton@gw.govt.nz)>  
**Subject:** Heretaunga Water Permit - WGN 130085 (31970) Extraction Commencement

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Please don't hesitate to contact me to discuss further as required.

Regards

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International Springs Ltd  
[REDACTED]

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## Ainslee Brown

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**From:** Kirsty van Reenen  
**Sent:** Thursday, 15 December 2016 2:49 PM  
**To:** [REDACTED]  
**Subject:** FW: Heretaunga Water Permit - WGN 130085 (31970) - Nov 2016 Extraction

Hi Jeffrey,  
Thank you for your email.

Your resource consent conditions (condition 5) requires the installation and commissioning of monitoring equipment in the Blockhouse Lane bore to be installed **prior to the commencement of take**. Can you please provide me with an update on the installation and commissioning of the monitoring equipment, in particular a timeframe for when this will occur **by the end of next Tuesday (20 December)**.

I also note that condition 7 requires your water meter to be verified during the year the take commences. Has this occurred? Can you please send me the verification certificate?

You are currently not complying with the conditions of your consent. Please be aware that GWRC has a responsibility to enforce the Resource Management Act 1991 (the Act). Failure to comply with the Act can result in enforcement action.

Kind Regards

**Kirsty van Reenen** | Resource Advisor  
**GREATER WELLINGTON REGIONAL COUNCIL**  
*Te Pane Matua Taiao*  
Shed 39, 2 Fryatt Quay, Pipitea, Wellington  
PO Box 11646, Manners St, Wellington 6142  
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Shaun

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For  
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**From:** Alex McLeay  
**Sent:** Thursday, 15 December 2016 1:00 PM  
**To:** Kirsty van Reenen  
**Subject:** Heretaunga Aquifer Stage Monitoring  
**Attachments:** FW: Heretaunga Water Limited groundwater consent application WGN130085 [31970]; Heretaunga Water Limited - question

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Hey Kirsty,

Heretaunga Water Ltd are currently abstracting at a rate of 4L/s +-2% from R27/6978 (deep bore), where GWRC has aquifer stage monitoring equipment.

Condition 5 requires Heretaunga Water Ltd to install and commission water level recording equipment at R27/7149 (shallow bore) (Blockhouse Lane bore) to examine the drawdown effect of abstraction on neighbouring bores.

The current trigger level (at which they have to reduce or cease their instantaneous rate of take) is 44.57m above MSL, which was determined by looking at the monitoring data from R27/6978. This is required by condition 6.

From talking with Doug, we determined that:

- It's important to have background data for the R27/7149 monitoring bore (shallow) to examine drawdown effect of abstraction at R27/6978 on neighbouring bores
- The sooner monitoring equipment is installed at this bore, as required by condition 5, the better
- It would be good to compare the data from the R27/7149 bore to the data at R27/6978 to confirm that stage level is consistent. Ideally this would be done while no water is being abstracted ie. for a period of about a month including the Christmas break, to establish/verify a baseline.
  - o This would require Heretaunga Water Ltd to allow GWRC ESci staff access to the site to retrieve the data from the GWRC monitoring equipment
- Following this, Doug proposed that Heretaunga maintain the cap on the pump rate at 4L/s for another month to confirm that the trigger level is appropriate for measuring at R27/7149 (Doug's reasoning for the possible difference was that the bores are to different depths).

From S6.4 of officer's report for WGN130085:

The applicant concluded in their assessment that the above drawdown interferences are very small and are unlikely to be noticed by any consented groundwater users and permitted activity wells. Therefore, they consider the proposed take is consistent with Policy 6.2.8 of the RFP regarding avoiding excessive reduction in other bores from the water take. Dr Mzila agreed with the applicant that it is unlikely that a 10 l/s abstraction from the bore will result in a significant drawdown in neighbouring wells. However, as the bore has not been tested at the applied for rate of 10 l/s, Dr Mzila considered it to be important that the water levels in the aquifer are monitored to verify the conclusions drawn in the applicant's assessment. Following consultation with the applicant, it was agreed that it would be appropriate to monitor water levels in a nearby bore and the Blockhouse Lane bore (wells number R27/7149) was selected, being located approximately 153m away from the applicant's bore. If the water levels in the Blockhouse Lane drop below the predicted drawdown, then the consent holder should then be required to reduce their pumping rate to ensure adverse effects on neighbouring wells are avoided.

Hopefully this makes sense. I get that we can't require them to stop pumping altogether but if they can get the monitoring equipment at R27/7149 installed and up and running before Christmas and they're not in operation over the Christmas period, then we could have a 'baseline' of two weeks (not very representative) and then look at the effect of a 4l/s take on level at R27/7149 when compared to the level seen at R27/6978.

Alternatively, condition 12 allows us to require the consent holder to conduct a pump test at 10L/s at R27/6978. If the monitoring equipment is in place at R27/7149 then we could see the effects on neighbouring bores of a pump rate of 10L/s via this method. I haven't checked this with Doug.

See attached emails for some info on the pump tests that were initially conducted.

Also, for ease of access, here's the consent certificate:

[http://ourspace.gw.govt.nz/archive/reg/layouts/15/WopiFrame.aspx?sourcedoc=/archive/reg/cons/GWC%2013/0085%20WGN/WGN-13-0085-1/WGN-13-0085-1-v1/Signed%20CONSENT%20CERTIFICATE%20WGN130085%20\[31970\]%20\[1177649\].PDF&action=default](http://ourspace.gw.govt.nz/archive/reg/layouts/15/WopiFrame.aspx?sourcedoc=/archive/reg/cons/GWC%2013/0085%20WGN/WGN-13-0085-1/WGN-13-0085-1-v1/Signed%20CONSENT%20CERTIFICATE%20WGN130085%20[31970]%20[1177649].PDF&action=default)

Hopefully this makes sense.

Cheers

## Ainslee Brown

---

**From:** [REDACTED]  
**Sent:** Saturday, 31 December 2016 4:24 PM  
**To:** Kirsty van Reenen  
**Subject:** Heretaunga Water Permit - WGN 130085 (31970) - Nov 2016 Extraction - Outstanding Matters

**Follow Up Flag:** Flag for follow up  
**Flag Status:** Completed

Dear Kirsty,

My sincere apologies for the delay in responding. It has all got very hectic before Christmas.

The monitoring of Block House Lane Bore was delayed as we were expecting some monitoring equipment to be in place. However we subsequently found out through the engineers Griffiths Drilling that this was not the case. Griffiths Drilling have been working on a solution, have now located suitable monitoring equipment and a quote is to hand. The monitoring equipment should be in place during February/March and before any extraction commences again in 2017. Current extraction ceased on the 12<sup>th</sup> Dec.

With respect to the Meter at Refreshment Place, it was a new meter sourced and installed by Griffiths Drilling. I will chase them up for a verification certificate.

Regards

Jeffrey Colby  
International Springs Ltd  
Refreshment Depot  
Upper Hutt  
[REDACTED]

---

**From:** Kirsty van Reenen [<mailto:Kirsty.vanReenen@gw.govt.nz>]  
**Sent:** Thursday, 15 December 2016 12:19 PM  
**To:** [REDACTED]  
**Subject:** FW: Heretaunga Water Permit - WGN 130085 (31970) - Nov 2016 Extraction

Hi Jeffrey,  
Thank you for your email.

Your resource consent conditions (condition 5) requires the installation and commissioning of monitoring equipment in the Blockhouse Lane bore to be installed **prior to the commencement of take**. Can you please provide me with an update on the installation and commissioning of the monitoring equipment, in particular a timeframe for when this will occur **by the end of next Tuesday (20 December)**.

I also note that condition 7 requires your water meter to be verified during the year the take commences. Has this occurred? Can you please send me the verification certificate?

You are currently not complying with the conditions of your consent. Please be aware that GWRC has a responsibility to enforce the Resource Management Act 1991 (the Act). Failure to comply with the Act can result in enforcement action.

Kind Regards

**Kirsty van Reenen** | Resource Advisor  
**GREATER WELLINGTON REGIONAL COUNCIL**  
*Te Pane Matua Taiao*  
Shed 39, 2 Fryatt Quay, Pipitea, Wellington  
PO Box 11646, Manners St, Wellington 6142  
**T: 04 830 4015**  
[www.gw.govt.nz](http://www.gw.govt.nz)

---

**From:** Shaun Andrewartha  
**Sent:** Friday, 9 December 2016 9:49 a.m.  
**To:** [REDACTED]  
**Cc:** Kirsty van Reenen  
**Subject:** RE: Heretaunga Water Permit - WGN 130085 (31970) - Nov 2016 Extraction

Hi Jeffrey,

Thank you for the email - I have passed the information on to the monitoring officer for your consent, Kirsty Van Reenen (cc'd in to this email so you have her contact details)

Regards  
Shaun

**Shaun Andrewartha** | Acting Manager, Environmental Regulation  
**GREATER WELLINGTON REGIONAL COUNCIL** | 34 Chapel St | PO Box 41, Masterton 5840  
*Te Pane Matua Taiao*  
**T: 06 826 1606**  
[www.gw.govt.nz](http://www.gw.govt.nz)

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**Sent:** Friday, 9 December 2016 9:13 a.m.  
**To:** Shaun Andrewartha  
**Subject:** Heretaunga Water Permit - WGN 130085 (31970) - Nov 2016 Extraction

Shaun,

Further to my advice of 20<sup>th</sup> October 2016 and I can confirm that Heretaunga Water commenced water extraction in November 2016. This is the start of a long and expensive commercial development with the intent of Selling Water to the International market.

I have prepared a water extraction report for the month of Nov 2016, refer attached.

From the report you will note that at this point water level monitoring is not in place for Bore R27/7149 (Blockhouse Lane Bore). We are in the process of reviewing options for getting monitoring equipment in place. In this respect we have briefed Pattle Delamore Partners Ltd for assistance.

In view of this Heretaunga Water has kept its extraction to a rate of 4 litres per second and not increased it to 10 litres per second that is permitted under the license. Until appropriate arrangements are in place to monitor the Blockhouse Lane Bore Heretaunga Water we will not be seeking to increase extraction beyond 4 litres per second +- 2%.

We will keep you updated.

Regards  
Jeffrey Colby

For  
Heretaunga Water Limited

---

**From:** Jeff Colby [REDACTED]  
**Sent:** Thursday, 20 October 2016 11:06 AM  
**To:** 'naomi.middleton@gw.govt.nz' <[naomi.middleton@gw.govt.nz](mailto:naomi.middleton@gw.govt.nz)>  
**Subject:** Heretaunga Water Permit - WGN 130085 (31970) Extraction Commencement

Attn: Manager, Environmental Regulation, Greater Wellington Council  
RE: Heretaunga Water Limited, Water Extraction Permit : WGN 130085 (31970).

Dear Naomi,

In accordance with the section 10.3 of the Water Extraction Permit (refer attached), on behalf of Heretaunga Water, I advise the intent is to commence take under the license during the month of November 2016. We are planning to report, in accordance with sections 10.5, 10.9 and 10.10 of the extraction permit by the 10<sup>th</sup> day of December in respect to extraction during November and monthly thereafter.

Griffiths Drilling (Mel Griffiths) are in the process of sourcing and arranging installation of a meter next week, in accordance with 10.4 of the permit. A verification certificate will be completed by Griffiths Drilling in accordance with 10.7 of the permit and subsequently as required.

We note the conditions requiring monitoring equipment at 10.5 of the permit. This relates to monitoring of the water level in bore R27/7149 (Blockhouse Lane Bore). Does the current Greater Wellington Council monitoring equipment provide for monitoring of water level in this bore at 60 minute intervals? If so are we able to access those readings and rely on that existing infrastructure and equipment to ensure compliance with the permit conditions?

My contact details are below. Our Site Manager is Norma Holden, Ph: [REDACTED]

Please don't hesitate to contact me to discuss further as required.

Regards

Jeffrey Colby  
International Springs Ltd  
[REDACTED]

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## Ainslee Brown

---

**From:** Jeremy Rusbatch  
**Sent:** Friday, 21 April 2017 5:38 PM  
**To:** [REDACTED]  
**Cc:** Kirsty van Reenen  
**Subject:** FW: Groundwater takes and recent contamination of the aquifer

Attn: Heretaunga Water,

We are currently investigating an e-coli contamination issue in the lower valley, and while you take water from the upper valley we have found that post earthquake the aquifer has experienced some changes in character.

See **email below** we have sent to consent holders in the lower valley.

If you have not checked you bore POST quake for security we would strongly encourage you to do so.

Can you provide GWRC as update as to whether you are using the bore for supply or not yet?

Many thanks, Jeremy & Kirsty

**Jeremy Rusbatch** | Team Leader, Environmental Regulation

**GREATER WELLINGTON REGIONAL COUNCIL**

***Te Pane Matua Taiao***

Shed 39, 2 Fryatt Quay, Pipitea, Wellington 6011 | PO Box 11646, Manners St, Wellington 6142

**T: 04 830 4132**

[www.gw.govt.nz](http://www.gw.govt.nz)

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---

**From:** Jeremy Rusbatch  
**Sent:** Friday, 21 April 2017 5:25 p.m.  
**To:** Jeremy Rusbatch  
**Cc:** Alistair Cross  
**Subject:** Groundwater takes and recent contamination of the aquifer

Good evening,

GWRC is contacting all holders of consents to take water from the Lower Hutt Groundwater Zone/ Waiwhetu Aquifer to advise them of the recent contamination found at the Waterloo Plant. This plant draws from a series of bores for public supply.

The contamination (E-coli) was detected as part of routine water sampling on 12<sup>th</sup> April 2017. We are working with Wellington Water, investigating the likely source(s) of this contamination, but in the meantime, the supply from these wells is being treated, to protect public health.

While many of you take water for industrial purposes, some of you do have consent to take water for supply/ bottling.

Our advice at this time is that **the water must not be taken for drinking.**

This is a precautionary measure until we see if this was a 'one off' result, or there is actual contamination of the groundwater resource.

We may ask for your help in the near future, such as inspecting your bores and wellhead connections. In the meantime, do ensure that the well head connection on your bores is totally sealed and no water/waste/ or other contaminant could enter the bore head.

We will keep you updated each week and as we find out more about the issue.

Do keep an eye on the media for further updates on this as well.

Please feel free to contact me if you have any questions or queries at this point in time.

Regards,

**Jeremy Rusbatch** | Team Leader, Environmental Regulation

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## Ainslee Brown

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**From:** [REDACTED]  
**Sent:** Saturday, 22 April 2017 12:56 PM  
**To:** Jeremy Rusbatch  
**Cc:** Kirsty van Reenen  
**Subject:** RE: Groundwater takes and recent contamination of the aquifer  
**Attachments:** Heretaunga Water Permit - WGN 130085 (31970) - Nov 2016 Extraction - Outstanding Matters

Hi Jeremy,

Thanks for the information advice and we note your comments below.

At this time no water has been extracted since 12<sup>th</sup> Dec 2016. As previously advised, 31<sup>st</sup> Dec 2016, (refer email attached) no extraction will be taking place until effective monitoring is in place at Blockhouse Lane Bore as required. When that is in place and as part of commencing further extraction a bore inspection is planned. This will now include having the water tested for any microbiological contamination.

Regards

Jeffrey Colby  
International Springs Ltd  
Refreshment Depot  
Upper Hutt  
[REDACTED]

---

**From:** Jeremy Rusbatch [mailto:Jeremy.Rusbatch@gw.govt.nz]  
**Sent:** Friday, 21 April 2017 3:08 PM  
**To:** water@internationalsprings.co.nz  
**Cc:** Kirsty van Reenen <Kirsty.vanReenen@gw.govt.nz>  
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## Ainslee Brown

---

**From:** [REDACTED]  
**Sent:** Tuesday, 30 May 2017 2:32 PM  
**To:** Kirsty van Reenen  
**Subject:** Heretaunga Water Permit - WGN 130085 (31970) - Dec 2016 Extraction Report  
**Attachments:** Heretaunga Water - Water Extraction and Monitoring Record - Dec 2016.xlsx

Hi Kirsty,

I have been reviewing the records as part of reviewing the project after several months of non-activity.

I am concerned that we have not advised water extract in early December, which per the email below, ceased on the 12<sup>th</sup> Dec, per email correspondence below. This is attached.

Regards

Jeffrey Colby  
International Springs Ltd  
Refreshment Depot  
Upper Hutt  
[REDACTED]

---

**From:** water@internationalsprings.co.nz [REDACTED]  
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Kind Regards

**Kirsty van Reenen** | Resource Advisor  
**GREATER WELLINGTON REGIONAL COUNCIL**  
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PO Box 11646, Manners St, Wellington 6142  
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Regards  
Shaun

**Shaun Andrewartha** | Acting Manager, Environmental Regulation  
**GREATER WELLINGTON REGIONAL COUNCIL** | 34 Chapel St | PO Box 41, Masterton 5840  
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I have prepared a water extraction report for the month of Nov 2016, refer attached.

From the report you will note that at this point water level monitoring is not in place for Bore R27/7149 (Blockhouse Lane Bore). We are in the process of reviewing options for getting monitoring equipment in place. In this respect we have briefed Pattle Delamore Partners Ltd for assistance.

In view of this Heretaunga Water has kept its extraction to a rate of 4 litres per second and not increased it to 10 litres per second that is permitted under the license. Until appropriate arrangements are in place to monitor the Blockhouse Lane Bore Heretaunga Water we will not be seeking to increase extraction beyond 4 litres per second +- 2%.

We will keep you updated.

Regards  
Jeffrey Colby  
For  
Heretaunga Water Limited

---

**From:** Jeff Colby [REDACTED]  
**Sent:** Thursday, 20 October 2016 11:06 AM  
**To:** 'naomi.middleton@gw.govt.nz' <[naomi.middleton@gw.govt.nz](mailto:naomi.middleton@gw.govt.nz)>  
**Subject:** Heretaunga Water Permit - WGN 130085 (31970) Extraction Commencement

Attn: Manager, Environmental Regulation, Greater Wellington Council  
RE: Heretaunga Water Limited, Water Extraction Permit : WGN 130085 (31970).

Dear Naomi,

In accordance with the section 10.3 of the Water Extraction Permit (refer attached), on behalf of Heretaunga Water, I advise the intent is to commence take under the license during the month of November 2016. We are planning to report, in accordance with sections 10.5, 10.9 and 10.10 of the extraction permit by the 10<sup>th</sup> day of December in respect to extraction during November and monthly thereafter.

Griffiths Drilling (Mel Griffiths) are in the process of sourcing and arranging installation of a meter next week, in accordance with 10.4 of the permit. A verification certificate will be completed by Griffiths Drilling in accordance with 10.7 of the permit and subsequently as required.

We note the conditions requiring monitoring equipment at 10.5 of the permit. This relates to monitoring of the water level in bore R27/7149 (Blockhouse Lane Bore). Does the current Greater Wellington Council monitoring equipment provide for monitoring of water level in this bore at 60 minute intervals? If so are we able to access those readings and rely on that existing infrastructure and equipment to ensure compliance with the permit conditions?

My contact details are below. Our Site Manager is Norma Holden, Ph: [REDACTED]

Please don't hesitate to contact me to discuss further as required.

Regards

Jeffrey Colby  
International Springs Ltd  
+61 (0) 419 700703

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## Ainslee Brown

---

**From:** [REDACTED]  
**Sent:** Thursday, 1 June 2017 8:05 AM  
**To:** Kirsty van Reenen  
**Subject:** Heretaunga Water Permit - WGN 130085 (31970) - Dec 2016 Extraction  
**Attachments:** Heretaunga Water - Water Extraction and Monitoring Record - Dec 2016.xlsx

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Dear Kirsty,

I have been reviewing our records and am not sure if we advised the December 2016 extraction values. These are attached. As previously advised water extraction was discontinued on the 12<sup>th</sup> December 2016. There have been no extraction activities since the 12<sup>th</sup> Dec 2016.

Please contact me if you require any further information.

Regards

Jeffrey Colby  
International Springs Ltd  
Refreshment Depot  
Upper Hutt  
[REDACTED]

## Ainslee Brown

---

**From:** Kirsty van Reenen  
**Sent:** Thursday, 1 June 2017 8:51 AM  
**To:** [REDACTED]  
**Subject:** RE: Heretaunga Water Permit - WGN 130085 (31970) - Dec 2016 Extraction

Hi Jeffrey,  
Thanks for these records. Is the intent to start abstraction again at some stage?

With regard to the E.Coli contamination that has been found in the aquifer Wellington Water and GWRC are investigating the cause of this. Chlorination of the public water supply continues. Has the water quality from the Heretaunga bore been tested since the November earthquake?

Kind Regards

**Kirsty van Reenen** | Senior Resource Advisor  
**GREATER WELLINGTON REGIONAL COUNCIL**  
*Te Pane Matua Taiao*  
Shed 39, 2 Fryatt Quay, Pipitea, Wellington  
PO Box 11646, Manners St, Wellington 6142  
**T: 04 830 4015**  
[www.gw.govt.nz](http://www.gw.govt.nz)

---

**From:** [REDACTED]  
**Sent:** Thursday, 1 June 2017 8:05 a.m.  
**To:** Kirsty van Reenen  
**Subject:** Heretaunga Water Permit - WGN 130085 (31970) - Dec 2016 Extraction

Dear Kirsty,

I have been reviewing our records and am not sure if we advised the December 2016 extraction values. These are attached. As previously advised water extraction was discontinued on the 12<sup>th</sup> December 2016. There have been no extraction activities since the 12<sup>th</sup> Dec 2016.

Please contact me if you require any further information.

Regards

Jeffrey Colby  
International Springs Ltd  
Refreshment Depot  
Upper Hutt  
[REDACTED]

## Ainslee Brown

---

**From:** Kirsty van Reenen  
**Sent:** Tuesday, 20 June 2017 2:01 PM  
**To:** [REDACTED]  
**Subject:** FW: Groundwater takes and contamination of the Waiwhetu aquifer - update June 2017

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

**Categories:** Saved to OurSpace

Hi Geoffrey,

See email update below which has been sent to consent holders with water takes in the lower valley. I understand that you have not extracted water from your bore since December 2016. If you plan on recommencing extraction can you please advise us at that time.

Kind Regards

**Kirsty van Reenen** | Senior Resource Advisor  
**GREATER WELLINGTON REGIONAL COUNCIL**  
*Te Pane Matua Taiao*  
Shed 39, 2 Fryatt Quay, Pipitea, Wellington  
PO Box 11646, Manners St, Wellington 6142  
**T: 04 830 4015**  
[www.gw.govt.nz](http://www.gw.govt.nz)

---

**From:** Kirsty van Reenen  
**Sent:** Tuesday, 20 June 2017 1:54 p.m.  
**Subject:** Groundwater takes and contamination of the Waiwhetu aquifer - update June 2017

Hello,

This email is to provide a reminder to all holders of consents to take water from the Lower Hutt Groundwater Zone/Waiwhetu Aquifer of the recent contamination found at the Waterloo Water Treatment Plant. This plant draws from a series of bores for public supply.

The contamination (E-coli) was detected as part of routine water sampling in December 2016, February 2017 and April 2017. In addition to finding E. coli there has been a general increase in detection of total coliform bacteria, which we have not previously seen. The supply from these wells is being treated to protect public health.

While many of you take water from the Lower Hutt Groundwater Zone/Waiwhetu Aquifer for industrial purposes, some of you do have consent to take water for supply/ bottling. Our advice at this time is that **any water taken must not be used for drinking**.

We are working with Wellington Water and investigating the likely source(s) of this contamination. More information about these investigations is available at the following link <https://wellingtonwater.co.nz/about-us/news/water-quality-investigations-making-progress/>. We will keep you updated as we find out more about the issue.

Please feel free to contact me if you have any questions or queries at this point in time.

Regards,

**Kirsty van Reenen** | Senior Resource Advisor  
**GREATER WELLINGTON REGIONAL COUNCIL**

***Te Pane Matua Taiao***

Shed 39, 2 Fryatt Quay, Pipitea, Wellington  
PO Box 11646, Manners St, Wellington 6142

**T: 04 830 4015**

[www.gw.govt.nz](http://www.gw.govt.nz)

## Ainslee Brown

---

**From:** Emma McNeill  
**Sent:** Wednesday, 16 August 2017 12:21 PM  
**To:** [REDACTED]  
**Subject:** WGN130085

Good afternoon,

I am completing the water take audit for WGN130085[31970] for the period 1/July/2016-30/June/2017 our records here at GWRC show that you stopped extraction in December, before completing the audit I am just checking that you have not started again as we do not have any extraction records from you since December.

Thank you,

**Emma McNeill** Assistant Compliance Officer  
**GREATER WELLINGTON REGIONAL COUNCIL**  
*Te Pane Matua Taiao*

Shed 39, 2 Fryatt Quay, Pipitea, Wellington 6011 | PO Box 11646, Manners St, Wellington 6142

**T: 04 830 4024 | M: 02102518648**

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## Ainslee Brown

---

**From:** [REDACTED]  
**Sent:** Saturday, 26 August 2017 4:09 PM  
**To:** Kirsty van Reenen  
**Subject:** Heretaunga Water Permit - WGN 130085 (31970) - Extraction - Meter Verification Certificate  
**Attachments:** Meter Verification Certificate - Ex Griffiths Drilling - 13July17.xls  
**Follow Up Flag:** Flag for follow up  
**Flag Status:** Completed

Kirsty,

Please find attached the required 'Verification Certificate' in respect to the Water Meter installed at Refreshment Place in respect to WGN 130085.

Jeffrey Colby  
International Springs Ltd  
Refreshment Depot  
Upper Hutt  
[REDACTED]

---

**From:** [REDACTED]  
**Sent:** Saturday, 31 December 2016 4:24 PM  
**To:** 'Kirsty.vanReenen@gw.govt.nz' <Kirsty.vanReenen@gw.govt.nz>  
**Subject:** Heretaunga Water Permit - WGN 130085 (31970) - Nov 2016 Extraction - Outstanding Matters

Dear Kirsty,

My sincere apologies for the delay in responding. It has all got very hectic before Christmas.

The monitoring of Block House Lane Bore was delayed as we were expecting some monitoring equipment to be in place. However we subsequently found out through the engineers Griffiths Drilling that this was not the case. Griffiths Drilling have been working on a solution, have now located suitable monitoring equipment and a quote is to hand. The monitoring equipment should be in place during February/March and before any extraction commences again in 2017. Current extraction ceased on the 12<sup>th</sup> Dec.

With respect to the Meter at Refreshment Place, it was a new meter sourced and installed by Griffiths Drilling. I will chase them up for a verification certificate.

Regards

Jeffrey Colby  
International Springs Ltd  
Refreshment Depot  
Upper Hutt  
+61 (0) 419 700703

---

**From:** Kirsty van Reenen [<mailto:Kirsty.vanReenen@gw.govt.nz>]  
**Sent:** Thursday, 15 December 2016 12:19 PM  
**To:** [REDACTED]  
**Subject:** FW: Heretaunga Water Permit - WGN 130085 (31970) - Nov 2016 Extraction

Hi Jeffrey,  
Thank you for your email.

Your resource consent conditions (condition 5) requires the installation and commissioning of monitoring equipment in the Blockhouse Lane bore to be installed **prior to the commencement of take**. Can you please provide me with an update on the installation and commissioning of the monitoring equipment, in particular a timeframe for when this will occur **by the end of next Tuesday (20 December)**.

I also note that condition 7 requires your water meter to be verified during the year the take commences. Has this occurred? Can you please send me the verification certificate?

You are currently not complying with the conditions of your consent. Please be aware that GWRC has a responsibility to enforce the Resource Management Act 1991 (the Act). Failure to comply with the Act can result in enforcement action.

Kind Regards

**Kirsty van Reenen** | Resource Advisor  
**GREATER WELLINGTON REGIONAL COUNCIL**  
*Te Pane Matua Taiao*  
Shed 39, 2 Fryatt Quay, Pipitea, Wellington  
PO Box 11646, Manners St, Wellington 6142  
**T: 04 830 4015**  
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---

**From:** Shaun Andrewartha  
**Sent:** Friday, 9 December 2016 9:49 a.m.  
**To:** [REDACTED]  
**Cc:** Kirsty van Reenen  
**Subject:** RE: Heretaunga Water Permit - WGN 130085 (31970) - Nov 2016 Extraction

Hi Jeffrey,

Thank you for the email - I have passed the information on to the monitoring officer for your consent, Kirsty Van Reenen (cc'd in to this email so you have her contact details)

Regards  
Shaun

**Shaun Andrewartha** | Acting Manager, Environmental Regulation  
**GREATER WELLINGTON REGIONAL COUNCIL** | 34 Chapel St | PO Box 41, Masterton 5840  
*Te Pane Matua Taiao*  
**T: 06 826 1606**  
[www.gw.govt.nz](http://www.gw.govt.nz)

---

**From:** [REDACTED]  
**Sent:** Friday, 9 December 2016 9:13 a.m.  
**To:** Shaun Andrewartha  
**Subject:** Heretaunga Water Permit - WGN 130085 (31970) - Nov 2016 Extraction

Shaun,

Further to my advice of 20<sup>th</sup> October 2016 and I can confirm that Heretaunga Water commenced water extraction in November 2016. This is the start of a long and expensive commercial development with the intent of Selling Water to the International market.

I have prepared a water extraction report for the month of Nov 2016, refer attached.

From the report you will note that at this point water level monitoring is not in place for Bore R27/7149 (Blockhouse Lane Bore). We are in the process of reviewing options for getting monitoring equipment in place. In this respect we have briefed Pattle Delamore Partners Ltd for assistance.

In view of this Heretaunga Water has kept its extraction to a rate of 4 litres per second and not increased it to 10 litres per second that is permitted under the license. Until appropriate arrangements are in place to monitor the Blockhouse Lane Bore Heretaunga Water we will not be seeking to increase extraction beyond 4 litres per second +- 2%.

We will keep you updated.

Regards  
Jeffrey Colby  
For  
Heretaunga Water Limited

---

**From:** Jeff Colby [REDACTED]  
**Sent:** Thursday, 20 October 2016 11:06 AM  
**To:** 'naomi.middleton@gw.govt.nz' <[naomi.middleton@gw.govt.nz](mailto:naomi.middleton@gw.govt.nz)>  
**Subject:** Heretaunga Water Permit - WGN 130085 (31970) Extraction Commencement

Attn: Manager, Environmental Regulation, Greater Wellington Council  
RE: Heretaunga Water Limited, Water Extraction Permit : WGN 130085 (31970).

Dear Naomi,

In accordance with the section 10.3 of the Water Extraction Permit (refer attached), on behalf of Heretaunga Water, I advise the intent is to commence take under the license during the month of November 2016. We are planning to report, in accordance with sections 10.5, 10.9 and 10.10 of the extraction permit by the 10<sup>th</sup> day of December in respect to extraction during November and monthly thereafter.

Griffiths Drilling (Mel Griffiths) are in the process of sourcing and arranging installation of a meter next week, in accordance with 10.4 of the permit. A verification certificate will be completed by Griffiths Drilling in accordance with 10.7 of the permit and subsequently as required.

We note the conditions requiring monitoring equipment at 10.5 of the permit. This relates to monitoring of the water level in bore R27/7149 (Blockhouse Lane Bore). Does the current Greater Wellington Council monitoring equipment provide for monitoring of water level in this bore at 60 minute intervals? If so are we able to access those readings and rely on that existing infrastructure and equipment to ensure compliance with the permit conditions?

My contact details are below. Our Site Manager is Norma Holden, Ph: [REDACTED]

Please don't hesitate to contact me to discuss further as required.

Regards

Jeffrey Colby  
International Springs Ltd  
[REDACTED]

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## Ainslee Brown

---

**From:** [REDACTED]  
**Sent:** Saturday, 26 August 2017 4:19 PM  
**To:** Emma McNeill  
**Subject:** Refreshment Place : WGN130085

Hi Emma,

Correct, no extraction since December.

Regards

Jeffrey Colby  
International Springs Ltd

---

**From:** Emma McNeill [mailto:Emma.McNeill@gw.govt.nz]  
**Sent:** Wednesday, 16 August 2017 9:51 AM  
**To:** [REDACTED]  
**Subject:** WGN130085

Good afternoon,

I am completing the water take audit for WGN130085[31970] for the period 1/July/2016-30/June/2017 our records here at GWRC show that you stopped extraction in December, before completing the audit I am just checking that you have not started again as we do not have any extraction records from you since December.

Thank you,

**Emma McNeill** Assistant Compliance Officer  
**GREATER WELLINGTON REGIONAL COUNCIL**  
***Te Pane Matua Taiao***

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## Ainslee Brown

---

**From:** Kirsty van Reenen  
**Sent:** Thursday, 28 September 2017 11:53 AM  
**To:** [REDACTED]  
**Subject:** 2016/17 compliance report WGN130085 Heretaunga Water  
**Attachments:** WGN130085 compliance report 2016-2017.pdf

Hi Jeffery,

Please find attached the compliance report for the previous year for Heretaunga Water. Let me know if you would like to discuss anything in the report.

Kind Regards

**Kirsty van Reenen** | Senior Resource Advisor  
**GREATER WELLINGTON REGIONAL COUNCIL**  
*Te Pane Matua Taiao*  
Shed 39, 2 Fryatt Quay, Pipitea, Wellington  
PO Box 11646, Manners St, Wellington 6142  
**T: 04 830 4015**  
[www.gw.govt.nz](http://www.gw.govt.nz)

## Ainslee Brown

---

**From:** [REDACTED]  
**Sent:** Friday, 29 September 2017 5:41 PM  
**To:** Kirsty van Reenen  
**Subject:** Heretaunga Water Permit - WGN 130085 (31970) - Dec 2016 Extraction

**Follow Up Flag:** Flag for follow up  
**Flag Status:** Completed

Kirsty,  
Thank you.  
**Refer notes below.**  
Regards

Jeffrey Colby  
International Springs Ltd  
Refreshment Depot  
Upper Hutt  
[REDACTED]

---

**From:** Kirsty van Reenen [<mailto:Kirsty.vanReenen@gw.govt.nz>]  
**Sent:** Thursday, 1 June 2017 8:51 AM  
**To:** [REDACTED]  
**Subject:** RE: Heretaunga Water Permit - WGN 130085 (31970) - Dec 2016 Extraction

Hi Jeffrey,  
Thanks for these records. Is the intent to start abstraction again at some stage? **Yes. A time line has not be set. It will though be after 1<sup>st</sup> July 2017 and only once monitoring equipment is in place at Blockhouse Lane Bore.**

With regard to the E.Coli contamination that has been found in the aquifer Wellington Water and GWRC are investigating the cause of this. Chlorination of the public water supply continues. Has the water quality from the Heretaunga bore been tested since the November earthquake? **No. However International Springs is distinctly aware that before any extraction for any use does take place, other than testing the bore operation, that the water will need to be tested first.**

Kind Regards

**Kirsty van Reenen** | Senior Resource Advisor  
**GREATER WELLINGTON REGIONAL COUNCIL**  
*Te Pane Matua Taiao*  
Shed 39, 2 Fryatt Quay, Pipitea, Wellington  
PO Box 11646, Manners St, Wellington 6142  
**T: 04 830 4015**  
[www.gw.govt.nz](http://www.gw.govt.nz)

---

**From:** [REDACTED]  
**Sent:** Thursday, 1 June 2017 8:05 a.m.  
**To:** Kirsty van Reenen  
**Subject:** Heretaunga Water Permit - WGN 130085 (31970) - Dec 2016 Extraction



## Ainslee Brown

---

**From:** Kirsty van Reenen  
**Sent:** Wednesday, 4 October 2017 8:59 AM  
**To:** [REDACTED]  
**Subject:** RE: Heretaunga Water Permit - WGN 130085 (31970) - Dec 2016 Extraction

Hi Jeffrey,  
Thanks for this. I presume International Springs are aware that the Ministry for Primary Industries regulates water bottling under the Food Act and will need to be consulted prior to abstraction re-commencing.

Regards  
Kirsty

---

[REDACTED]  
**Sent:** Friday, 29 September 2017 5:41 p.m.  
**To:** Kirsty van Reenen  
**Subject:** Heretaunga Water Permit - WGN 130085 (31970) - Dec 2016 Extraction

Kirsty,  
Thank you.  
**Refer notes below.**  
Regards

Jeffrey Colby  
International Springs Ltd  
Refreshment Depot  
Upper Hutt  
[REDACTED]

---

**From:** Kirsty van Reenen [<mailto:Kirsty.vanReenen@gw.govt.nz>]  
**Sent:** Thursday, 1 June 2017 8:51 AM  
**To:** [REDACTED]  
**Subject:** RE: Heretaunga Water Permit - WGN 130085 (31970) - Dec 2016 Extraction

Hi Jeffrey,  
Thanks for these records. Is the intent to start abstraction again at some stage? **Yes. A time line has not be set. It will though be after 1<sup>st</sup> July 2017 and only once monitoring equipment is in place at Blockhouse Lane Bore.**

With regard to the E.Coli contamination that has been found in the aquifer Wellington Water and GWRC are investigating the cause of this. Chlorination of the public water supply continues. Has the water quality from the Heretaunga bore been tested since the November earthquake? **No. However International Springs is distinctly aware that before any extraction for any use does take place, other than testing the bore operation, that the water will need to be tested first.**

Kind Regards

**Kirsty van Reenen** | Senior Resource Advisor  
**GREATER WELLINGTON REGIONAL COUNCIL**  
*Te Pane Matua Taiao*  
Shed 39, 2 Fryatt Quay, Pipitea, Wellington  
PO Box 11646, Manners St, Wellington 6142  
**T: 04 830 4015**  
[www.gw.govt.nz](http://www.gw.govt.nz)

---

**From:** [REDACTED]  
**Sent:** Thursday, 1 June 2017 8:05 a.m.  
**To:** Kirsty van Reenen  
**Subject:** Heretaunga Water Permit - WGN 130085 (31970) - Dec 2016 Extraction

Dear Kirsty,

I have been reviewing our records and am not sure if we advised the December 2016 extraction values. These are attached. As previously advised water extraction was discontinued on the 12<sup>th</sup> December 2016. There have been no extraction activities since the 12<sup>th</sup> Dec 2016.

Please contact me if you require any further information.

Regards

Jeffrey Colby  
International Springs Ltd  
Refreshment Depot  
Upper Hutt  
[REDACTED]

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## Ainslee Brown

---

**From:** [REDACTED]  
**Sent:** Wednesday, 4 October 2017 12:16 PM  
**To:** Kirsty van Reenen  
**Subject:** RE: Heretaunga Water Permit - WGN 130085 (31970) - Dec 2016 Extraction

Hi Kirsty,  
Thanks for the reminder. For Human Consumption yes, that is my understanding.  
Regards

Jeffrey Colby  
International Springs Ltd  
9-15 Refreshment Place,  
Heretaunga  
Upper Hutt  
[REDACTED]

---

**From:** Kirsty van Reenen [mailto:Kirsty.vanReenen@gw.govt.nz]  
**Sent:** Wednesday, 4 October 2017 6:29 AM  
**To:** [REDACTED]  
**Subject:** RE: Heretaunga Water Permit - WGN 130085 (31970) - Dec 2016 Extraction

Hi Jeffrey,  
Thanks for this. I presume International Springs are aware that the Ministry for Primary Industries regulates water bottling under the Food Act and will need to be consulted prior to abstraction re-commencing.

Regards  
Kirsty

---

**From:** [REDACTED]  
**Sent:** Friday, 29 September 2017 5:41 p.m.  
**To:** Kirsty van Reenen  
**Subject:** Heretaunga Water Permit - WGN 130085 (31970) - Dec 2016 Extraction

Kirsty,  
Thank you.  
**Refer notes below.**  
Regards

Jeffrey Colby  
International Springs Ltd  
Refreshment Depot  
Upper Hutt  
[REDACTED]

---

**From:** Kirsty van Reenen [mailto:Kirsty.vanReenen@gw.govt.nz]  
**Sent:** Thursday, 1 June 2017 8:51 AM  
**To:** [REDACTED]  
**Subject:** RE: Heretaunga Water Permit - WGN 130085 (31970) - Dec 2016 Extraction

Hi Jeffrey,

Thanks for these records. Is the intent to start abstraction again at some stage? **Yes. A time line has not be set. It will though be after 1<sup>st</sup> July 2017 and only once monitoring equipment is in place at Blockhouse Lane Bore.**

With regard to the E.Coli contamination that has been found in the aquifer Wellington Water and GWRC are investigating the cause of this. Chlorination of the public water supply continues. Has the water quality from the Heretaunga bore been tested since the November earthquake? **No. However International Springs is distinctly aware that before any extraction for any use does take place, other than testing the bore operation, that the water will need to be tested first.**

Kind Regards

**Kirsty van Reenen** | Senior Resource Advisor  
**GREATER WELLINGTON REGIONAL COUNCIL**  
*Te Pane Matua Taiao*  
Shed 39, 2 Fryatt Quay, Pipitea, Wellington  
PO Box 11646, Manners St, Wellington 6142  
**T: 04 830 4015**  
[www.gw.govt.nz](http://www.gw.govt.nz)

---

**From:** [REDACTED]  
**Sent:** Thursday, 1 June 2017 8:05 a.m.  
**To:** Kirsty van Reenen  
**Subject:** Heretaunga Water Permit - WGN 130085 (31970) - Dec 2016 Extraction

Dear Kirsty,

I have been reviewing our records and am not sure if we advised the December 2016 extraction values. These are attached. As previously advised water extraction was discontinued on the 12<sup>th</sup> December 2016. There have been no extraction activities since the 12<sup>th</sup> Dec 2016.

Please contact me if you require any further information.

Regards

Jeffrey Colby  
International Springs Ltd  
Refreshment Depot  
Upper Hutt  
[REDACTED]

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## Ainslee Brown

---

**From:** [REDACTED]  
**Sent:** Friday, 29 September 2017 5:59 PM  
**To:** Kirsty van Reenen  
**Subject:** 2016/17 compliance report WGN130085 Heretaunga Water  
**Attachments:** WGN130085 compliance report 2016-2017.pdf; Heretaunga Water - Water Extraction and Monitoring Record - Dec 2016.xlsx; Heretaunga Water - Water Extraction and Monitoring Record - Nov 2016.xlsx; Refreshment Place : WGN130085; Heretaunga Water Permit - WGN 130085 (31970) - Dec 2016 Extraction

**Follow Up Flag:** Flag for follow up  
**Flag Status:** Completed

Hi Kirsty,

Thank you for the report.

My concern is the reference to 'Daily records were not supplied on a monthly basis over the compliance period as required by condition 9 of your consent'. This is I believe incorrect. A daily report was kept and supplied, with a monthly advice submitted. I though am unable to locate the record for the December extraction being lodged in Jan 2017 but it was followed up in June 2017. Refer copies attached of extraction reports and emails. No extraction has taken place since the meter failure was identified on the 13<sup>th</sup> December. This was found to be due to rust platelets interfering with the mechanism.

The Meter has been subsequently repaired, however I confirm that no extraction has since been undertaken.

A Bore Inspection (by camera) and report has been scheduled for October 2017. Once this is reviewed arrangements will be made to install monitoring equipment in the Blockhouse Lane bore before further extraction is undertaken, in accordance with condition 5 of the consent.

Regards

Jeffrey Colby  
International Springs Ltd  
9-15 Refreshment Place,  
Heretaunga  
Upper Hutt  
[REDACTED]

---

**From:** Kirsty van Reenen [mailto:Kirsty.vanReenen@gw.govt.nz]  
**Sent:** Thursday, 28 September 2017 8:23 AM  
**To:** [REDACTED]  
**Subject:** 2016/17 compliance report WGN130085 Heretaunga Water

Hi Jeffery,  
Please find attached the compliance report for the previous year for Heretaunga Water. Let me know if you would like to discuss anything in the report.

Kind Regards

**Kirsty van Reenen** | Senior Resource Advisor  
**GREATER WELLINGTON REGIONAL COUNCIL**  
***Te Pane Matua Taiao***  
Shed 39, 2 Fryatt Quay, Pipitea, Wellington  
PO Box 11646, Manners St, Wellington 6142  
**T: 04 830 4015**  
[www.gw.govt.nz](http://www.gw.govt.nz)

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## Ainslee Brown

---

**From:** Kirsty van Reenen  
**Sent:** Wednesday, 4 October 2017 1:45 PM  
**To:** [REDACTED]  
**Subject:** RE: 2016/17 compliance report WGN130085 Heretaunga Water

Hi Jeffery,

You have supplied records on the days that water was abstracted (I assume). We require a '0' for the days where no water is abstracted – this just confirms over what period water is abstracted otherwise we have no way of knowing and working out whether you are within your daily volume limit.

Regards  
Kirsty

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Regards

Jeffrey Colby  
International Springs Ltd  
9-15 Refreshment Place,  
Heretaunga  
Upper Hutt  
[REDACTED]

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**GREATER WELLINGTON REGIONAL COUNCIL**

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## Ainslee Brown

---

**From:** [REDACTED]  
**Sent:** Friday, 20 July 2018 1:14 PM  
**To:** Kirsty van Reenen  
**Subject:** Heretaunga Water - Consent - WGN130085 2017-2018 Extraction and Update

**Follow Up Flag:** Flag for follow up  
**Flag Status:** Completed

Hi Kirsty,

This is a note to firstly confirm that NO extraction from the Bore at Refreshment Place took place in 2017-2018. We hope that this notice ensures we remain compliant with item 9 of the consent.

International Springs is now in the process of spending several thousand dollars specifically on the bore (this is on top of substantial expenditure to date on this project), in relation to:

- a. Inspection of the Bore, including camera (CTV) inspection as referenced at item 6.2 of the Consent 'Reasons for Decision' .
- b. Cleaning (development) of the Bore.
- c. Installation of a new Riser and Bore Pump. This is to resolve the meter fowling (Dec 16), which was due to rust platelets coming from the riser pipe.
- d. Installation of the monitoring equipment as required under condition 5 (blockhouse lane bore) of the Consent.

Once this work is complete we will then seek to have the Water Meter verified and a new verification certificate issued per items 7 and 8 of the consent.

Extraction (take) for test purposes will then be commenced. We will advise you when ready to do this and also confirm that that the required reporting and analysis is being undertaken to confirm no change to water quality and that it is fit for human consumption.

Is there anything else you feel is required of us at this time?

Regards

Jeffrey Colby  
International Springs Ltd  
9-15 Refreshment Place,  
Heretaunga  
Upper Hutt  
+61 (0) 419 700703

---

**From:** Kirsty van Reenen [<mailto:Kirsty.vanReenen@gw.govt.nz>]  
**Sent:** Wednesday, 4 October 2017 1:45 PM  
[REDACTED]  
**Subject:** RE: 2016/17 compliance report WGN130085 Heretaunga Water

Hi Jeffery,

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Regards

Kirsty

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Regards

Jeffrey Colby  
International Springs Ltd  
9-15 Refreshment Place,  
Heretaunga  
Upper Hutt  
[REDACTED]

---

**From:** Kirsty van Reenen [<mailto:Kirsty.vanReenen@gw.govt.nz>]  
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**Subject:** 2016/17 compliance report WGN130085 Heretaunga Water

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Kind Regards

**Kirsty van Reenen** | Senior Resource Advisor  
**GREATER WELLINGTON REGIONAL COUNCIL**  
***Te Pane Matua Taiao***  
Shed 39, 2 Fryatt Quay, Pipitea, Wellington  
PO Box 11646, Manners St, Wellington 6142  
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## Ainslee Brown

---

**From:** Kirsty van Reenen  
**Sent:** Monday, 23 July 2018 11:27 AM  
**To:** [REDACTED]  
**Subject:** RE: Heretaunga Water - Consent - WGN130085 2017-2018 Extraction and Update

Hi Jeffery,

Thanks for the update and confirmation that no water has been abstracted. I don't need any further info at the moment. One thing to be aware of (which I'm sure you already are) is to link in with the Ministry for Primary Industries regarding their requirements under the Food Act in relation to the provision of bottled water. The contact I have at MPI is Chris Hewins [REDACTED]

Kind Regards

**Kirsty van Reenen** | Senior Resource Advisor  
**GREATER WELLINGTON REGIONAL COUNCIL**  
*Te Pane Matua Taiao*  
Shed 39, 2 Fryatt Quay, Pipitea, Wellington  
PO Box 11646, Manners St, Wellington 6142  
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---

**From:** [REDACTED]  
**Sent:** Friday, 20 July 2018 1:14 p.m.  
**To:** Kirsty van Reenen  
**Subject:** Heretaunga Water - Consent - WGN130085 2017-2018 Extraction and Update

Hi Kirsty,

This is a note to firstly confirm that NO extraction from the Bore at Refreshment Place took place in 2017-2018. We hope that this notice ensures we remain compliant with item 9 of the consent.

International Springs is now in the process of spending several thousand dollars specifically on the bore (this is on top of substantial expenditure to date on this project), in relation to:

- a. Inspection of the Bore, including camera (CTV) inspection as referenced at item 6.2 of the Consent 'Reasons for Decision' . .
- b. Cleaning (development) of the Bore.
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- d. Installation of the monitoring equipment as required under condition 5 (blockhouse lane bore) of the Consent.

Once this work is complete we will then seek to have the Water Meter verified and a new verification certificate issued per items 7 and 8 of the consent.

Extraction (take) for test purposes will then be commenced. We will advise you when ready to do this and also confirm that that the required reporting and analysis is being undertaken to confirm no change to water quality and that it is fit for human consumption.

Is there anything else you feel is required of us at this time?

Regards

Jeffrey Colby  
International Springs Ltd  
9-15 Refreshment Place,  
Heretaunga  
Upper Hutt  
[REDACTED]

---

**From:** Kirsty van Reenen [<mailto:Kirsty.vanReenen@gw.govt.nz>]  
**Sent:** Wednesday, 4 October 2017 1:45 PM  
**To:** [REDACTED]  
**Subject:** RE: 2016/17 compliance report WGN130085 Heretaunga Water

Hi Jeffery,  
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Regards  
Kirsty

---

**From:** [REDACTED]  
**Sent:** Friday, 29 September 2017 5:59 p.m.  
**To:** Kirsty van Reenen  
**Subject:** 2016/17 compliance report WGN130085 Heretaunga Water

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Regards

Jeffrey Colby  
International Springs Ltd  
9-15 Refreshment Place,  
Heretaunga  
Upper Hutt  
[REDACTED]

---

**From:** Kirsty van Reenen [<mailto:Kirsty.vanReenen@gw.govt.nz>]  
**Sent:** Thursday, 28 September 2017 8:23 AM

To: [REDACTED]

Subject: 2016/17 compliance report WGN130085 Heretaunga Water

Hi Jeffery,

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**GREATER WELLINGTON REGIONAL COUNCIL**

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## Ainslee Brown

---

**From:** [REDACTED]  
**Sent:** Monday, 23 July 2018 5:16 PM  
**To:** Kirsty van Reenen  
**Subject:** RE: Heretaunga Water - Consent - WGN130085 2017-2018 Extraction and Update

**Follow Up Flag:** Flag for follow up  
**Flag Status:** Completed

Kirsty,  
Thank you.  
Regards  
Jeffrey Colby  
Ph: [REDACTED]

---

**From:** Kirsty van Reenen [mailto:Kirsty.vanReenen@gw.govt.nz]  
**Sent:** Monday, 23 July 2018 8:57 AM  
**To:** [REDACTED]  
**Subject:** RE: Heretaunga Water - Consent - WGN130085 2017-2018 Extraction and Update

Hi Jeffery,  
Thanks for the update and confirmation that no water has been abstracted. I don't need any further info at the moment. One thing to be aware of (which I'm sure you already are) is to link in with the Ministry for Primary Industries regarding their requirements under the Food Act in relation to the provision of bottled water. The contact I have at MPI is Chris Hewins [REDACTED]

Kind Regards

**Kirsty van Reenen** | Senior Resource Advisor  
**GREATER WELLINGTON REGIONAL COUNCIL**  
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**From:** [REDACTED]  
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Is there anything else you feel is required of us at this time?

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Kirsty

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Heretaunga  
Upper Hutt  
[REDACTED]

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**From:** Kirsty van Reenen [<mailto:Kirsty.vanReenen@gw.govt.nz>]  
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**To:** [REDACTED]  
**Subject:** 2016/17 compliance report WGN130085 Heretaunga Water

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Kind Regards

**Kirsty van Reenen** | Senior Resource Advisor  
**GREATER WELLINGTON REGIONAL COUNCIL**  
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## Ainslee Brown

---

**From:** Helene Anderson  
**Sent:** Wednesday, 5 June 2019 12:10 PM  
**To:** [REDACTED]  
**Subject:** Heretaunga Water WGN130085

Good afternoon Jeffrey,

I have been looking at the previous compliance records for the water take associated with the water bottling plant at Refreshment Place WGN130085. The last correspondence that you have had with our resource advisor Kirsty van Reenen, details a number of upgrades that were proposed to occur including:

- a. *Inspection of the Bore, including camera (CTV) inspection as referenced at item 6.2 of the Consent 'Reasons for Decision'.*
- b. *Cleaning (development) of the Bore.*
- c. *Installation of a new Riser and Bore Pump. This is to resolve the meter fowling (Dec 16), which was due to rust platelets coming from the riser pipe.*
- d. *Installation of the monitoring equipment as required under condition 5 (blockhouse lane bore) of the Consent.*

*Once this work is complete we will then seek to have the Water Meter verified and a new verification certificate issued per items 7 and 8 of the consent.*

Could you please provide me with confirmation of the works above and whether any water has been taken during the 2018-2019 period?

Any questions, please let me know.

**Helene Anderson** | Resource Advisor, Environmental Regulation

**GREATER WELLINGTON REGIONAL COUNCIL**

**Te Pane Matua Taiao**

34 Chapel St | PO Box 41, Masterton 5840

**T: 06 826 1552 M: 021 574 829**

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*This information is intended to provide an initial guideline as to the requirements of the Regional Plans and the Resource Management Act 1991, 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.*

**Please note I do not work on Tuesdays.**

## Ainslee Brown

---

**From:** Helene Anderson  
**Sent:** Thursday, 6 June 2019 12:37 PM  
**To:** Jude Chittock  
**Subject:** WGN130085 Heretaunga Water

Hi Jude,

Just looking into the water take for the bottling of water owned by Heretaunga Water. Here are some details for you:

- The water take was granted on 13 February 2013 and expires on 13 February 2023.
- The take is for 179,712m<sup>3</sup>/year, at 576m<sup>3</sup>/day at a maximum pumping rate of 10 litres/second.
- The consent holder is meant to notify GWRC within 48 hours of commencement of the water take.
- The consent holder is to take daily readings of the water meter and these are to be submitted to GWRC on a monthly basis by the 10<sup>th</sup> day of the next month
- The last correspondence on file was on 20 July 2018 with Kirsty van Reenan which stated that no extraction took place in 2017-2018. They also stated that the following points were to be implemented:
  - a. Inspection of the Bore, including camera (CTV) inspection as referenced at item 6.2 of the Consent 'Reasons for Decision'.
  - b. Cleaning (development) of the Bore.
  - c. Installation of a new Riser and Bore Pump. This is to resolve the meter fowling (Dec 16), which was due to rust platelets coming from the riser pipe.
  - d. Installation of the monitoring equipment as required under condition 5 (blockhouse lane bore) of the Consent.
- Previously they have been sending in manual records for their water take and there are no records on Hilltop which suggest they are still taking manual records.
- I have sent an email yesterday and will follow up with another phone call to confirm if they have been taking any water and what stage they are up to with their proposed upgrades stated above.
- I cannot see on file any pre-app advice or any talks about the renewal of this consent

If I hear back from them I will let you know.

Regards,

**Helene Anderson** | Resource Advisor, Environmental Regulation

**GREATER WELLINGTON REGIONAL COUNCIL**

**Te Pane Matua Taiao**

34 Chapel St | PO Box 41, Masterton 5840

**T: 06 826 1552 M: 021 574 829**

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**Please note I do not work on Tuesdays.**

## Ainslee Brown

---

**From:** Helene Anderson  
**Sent:** Friday, 7 June 2019 1:13 PM  
**To:** [REDACTED]  
**Subject:** FW: Heretaunga Water WGN130085

Good afternoon Jeffrey,

I emailed you on Wednesday this week and have not yet heard back from you as your contact phone number does not work.

If you could please get back to me as soon as possible that would be great.

Kind regards,

**Helene Anderson** | Resource Advisor, Environmental Regulation

**GREATER WELLINGTON REGIONAL COUNCIL**

**Te Pane Matua Taiao**

34 Chapel St | PO Box 41, Masterton 5840

**T: 06 826 1552 M: 021 574 829**

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**Please note I do not work on Tuesdays.**

---

**From:** Helene Anderson  
**Sent:** Wednesday, 5 June 2019 12:10 PM  
**To:** [REDACTED]  
**Subject:** Heretaunga Water WGN130085

Good afternoon Jeffrey,

I have been looking at the previous compliance records for the water take associated with the water bottling plant at Refreshment Place WGN130085. The last correspondence that you have had with our resource advisor Kirsty van Reenen, details a number of upgrades that were proposed to occur including:

- a. *Inspection of the Bore, including camera (CTV) inspection as referenced at item 6.2 of the Consent 'Reasons for Decision'.*
- b. *Cleaning (development) of the Bore.*
- c. *Installation of a new Riser and Bore Pump. This is to resolve the meter fowling (Dec 16), which was due to rust platelets coming from the riser pipe.*
- d. *Installation of the monitoring equipment as required under condition 5 (blockhouse lane bore) of the Consent.*

*Once this work is complete we will then seek to have the Water Meter verified and a new verification certificate issued per items 7 and 8 of the consent.*

Could you please provide me with confirmation of the works above and whether any water has been taken during the 2018-2019 period?

Any questions, please let me know.

**Helene Anderson** | Resource Advisor, Environmental Regulation

**GREATER WELLINGTON REGIONAL COUNCIL**

**Te Pane Matua Taiao**

34 Chapel St | PO Box 41, Masterton 5840

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**Please note I do not work on Tuesdays.**

## Ainslee Brown

---

**From:** Helene Anderson  
**Sent:** Monday, 10 June 2019 8:51 AM  
**To:** [REDACTED]  
**Subject:** RE: Heretaunga Water WGN130085

Good morning Jeffrey,

Thank you for your prompt response, I will have a look through the information that you sent through and get back to you this week.

Regards,

**Helene Anderson** | Resource Advisor, Environmental Regulation

**GREATER WELLINGTON REGIONAL COUNCIL**

**Te Pane Matua Taiao**

34 Chapel St | PO Box 41, Masterton 5840

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---

**From:** [REDACTED]  
**Sent:** Saturday, 8 June 2019 2:35 PM  
**To:** Helene Anderson <Helene.Anderson@gw.govt.nz>  
**Subject:** RE: Heretaunga Water WGN130085

Hi Helene,  
Sorry for the delay.  
There was a response email sent yesterday. Can you confirm receipt please.  
Regards  
Jeffrey Colby  
Ph: [REDACTED]

---

**From:** Helene Anderson <[Helene.Anderson@gw.govt.nz](mailto:Helene.Anderson@gw.govt.nz)>  
**Sent:** Friday, 7 June 2019 10:43 AM  
**To:** [REDACTED]  
**Subject:** FW: Heretaunga Water WGN130085

Good afternoon Jeffrey,

I emailed you on Wednesday this week and have not yet heard back from you as your contact phone number does not work.

If you could please get back to me as soon as possible that would be great.

Kind regards,

**Helene Anderson** | Resource Advisor, Environmental Regulation

**GREATER WELLINGTON REGIONAL COUNCIL**

**Te Pane Matua Taiao**

34 Chapel St | PO Box 41, Masterton 5840

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---

**From:** Helene Anderson

**Sent:** Wednesday, 5 June 2019 12:10 PM

**To:** [REDACTED]

**Subject:** Heretaunga Water WGN130085

Good afternoon Jeffrey,

I have been looking at the previous compliance records for the water take associated with the water bottling plant at Refreshment Place WGN130085. The last correspondence that you have had with our resource advisor Kirsty van Reenen, details a number of upgrades that were proposed to occur including:

- a. *Inspection of the Bore, including camera (CTV) inspection as referenced at item 6.2 of the Consent 'Reasons for Decision'.*
- b. *Cleaning (development) of the Bore.*
- c. *Installation of a new Riser and Bore Pump. This is to resolve the meter fowling (Dec 16), which was due to rust platelets coming from the riser pipe.*
- d. *Installation of the monitoring equipment as required under condition 5 (blockhouse lane bore) of the Consent.*

*Once this work is complete we will then seek to have the Water Meter verified and a new verification certificate issued per items 7 and 8 of the consent.*

Could you please provide me with confirmation of the works above and whether any water has been taken during the 2018-2019 period?

Any questions, please let me know.

**Helene Anderson** | Resource Advisor, Environmental Regulation

**GREATER WELLINGTON REGIONAL COUNCIL**

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## Ainslee Brown

---

**From:** [REDACTED]  
**Sent:** Friday, 7 June 2019 4:16 PM  
**To:** Helene Anderson  
**Cc:** 'Katy Grant'; [REDACTED]  
**Subject:** Heretaunga Water WGN130085 - Update 7June2019  
**Attachments:** Refreshment Place Well Assessment Report - 22Mar18.pdf; Heretaunga Water Permit - WGN 130085 (31970) - Dec 2016 Extraction

Hi Helene,

Your enquiry and review is very timely. I was in the process of preparing an update for the GWRC about the recent progress at Refreshment Place (RP). Refer comment below on your email as needed and I further confirm that the following works were undertaken at significant cost recently:

- a. Bore inspection has been done, refer attached assessment report.
- b. Bore development, it was given a good clean with high pressure water. *We have some photos of that work.*
- c. A New Bore Pump was installed. This has the capacity to pump to 15lps but will be restricted by the use of valves to 10lps to comply with the Consent.
- d. Monitoring equipment has been purchased for Geo Tech and installed at RP and the Blockhouse Lane Bore. At this stage no readings have been taken.

A test was done to confirm the Pump was working, it was run for around 2 x <5 minute intervals on Thursday 16<sup>th</sup> May. Before it was tested I checked the Meter Reading *and have a photo*, which was at 1,076m<sup>3</sup>, refer attached. The reading is as was reported to the GWRC on the 1<sup>st</sup> June 2017, refer email attached.

The electrical work to connect the Pump to the Factory Electrical Supply, with appropriate switching is now underway and should be completed Monday 10<sup>th</sup> June 2019. At this point the Bore at RP should finally be operational.

PDP Consulting, Katy Grant, have been engaged to undertake a '10lps pump test over 72 hours' in conjunction with Griffiths Drilling. This work is scheduled for next week. Katy is copied with this email along with Griffith Drilling personnel.

This pumping test is intended to address the original concerns contained within the Consent, refer item 3.2 paragraphs 2,3 and 4 and subsequently with associated reference and conditions applied as a result of a 10lps test not being available originally. Once this test is complete, which will be undertaken under the existing terms of the Consent, PDP Consulting will be preparing an application to the GWRC to request some variations to the Consent. Effectively the Test itself represents extraction and I will be reporting subsequently on that basis.

In terms of reporting on extraction, as a result of the brief testing and the completion of the planned 10lps 72 hour formal pump test, with associated monitoring of nearby Bores. I will be bringing this up to date, along with arranging any water analysis as required, during WC Monday 17<sup>th</sup> June 2019 when I will be on site and update/advise GWRC accordingly.

As you would appreciate all of the above works have come at; and will cost the Company, Heretaunga Water, a significant amount of funds, with the following achieved:

- e. An operational Bore.
- f. The required monitoring in place.
- g. PDP will make an application to the GWRC for its consideration, to have various aspects of the existing Consent reviewed, varied and updated.
- h. Updated water analysis.

Along with that cost is significant time and effort being undertaken by several individuals in the interest of progressing the project at Refreshment Place to the benefit of Upper Hutt, Wellington and New Zealand.

Please contact me as required for further information as needed. If we can leave it to WC Monday 17<sup>th</sup> June though it would be greatly appreciated.

Regards

Jeffrey Colby  
International Springs Ltd  
9-15 Refreshment Place,  
Heretaunga  
Upper Hutt  
[REDACTED]

---

**From:** Helene Anderson <[Helene.Anderson@gw.govt.nz](mailto:Helene.Anderson@gw.govt.nz)>  
**Sent:** Wednesday, 5 June 2019 9:40 AM  
**To:** [REDACTED]  
**Subject:** Heretaunga Water WGN130085

Good afternoon Jeffrey,

I have been looking at the previous compliance records for the water take associated with the water bottling plant at Refreshment Place WGN130085. The last correspondence that you have had with our resource advisor Kirsty van Reenen, details a number of upgrades that were proposed to occur including:

- a. *Inspection of the Bore, including camera (CTV) inspection as referenced at item 6.2 of the Consent 'Reasons for Decision'. This was undertaken in March 2018 by Griffiths Drilling. Refer attached 'well assessment report. Regrettably the Video done is not currently locatable.*
- b. *Cleaning (development) of the Bore. Refer comment above, was undertaken 3 weeks ago.*
- c. *Installation of a new Riser and Bore Pump. This is to resolve the meter fowling (Dec 16), which was due to rust platelets coming from the riser pipe. Refer comment above.*
- d. *Installation of the monitoring equipment as required under condition 5 (blockhouse lane bore) of the Consent. Refer comment above.*

*Once this work is complete we will then seek to have the Water Meter verified and a new verification certificate issued per items 7 and 8 of the consent. At this stage the feedback we have is that the Meter will not have been damaged and should operate as originally certified. The now scheduled 72 hour 10lps test by Griffiths will also look to check this informally.*

Could you please provide me with confirmation of the works above and whether any water has been taken during the 2018-2019 period?

Any questions, please let me know.

**Helene Anderson** | Resource Advisor, Environmental Regulation  
**GREATER WELLINGTON REGIONAL COUNCIL**  
**Te Pane Matua Taiao**  
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## Ainslee Brown

---

**From:** Helene Anderson  
**Sent:** Monday, 10 June 2019 2:10 PM  
**To:** Jude Chittock  
**Subject:** RE: Heretaunga Water WGN130085 - Update 7June2019

Hi Jude,

From what I can see they are meeting their resource consent conditions as of now. They have a water meter in place and this has been verified in 2017, they did not replace the meter during the rest of the upgrades so this won't need to be repeated until 2022 (provided there are no issues with the current meter). They have also installed water level recording equipment in the Blockhouse Lane bore.

**Helene Anderson** | Resource Advisor, Environmental Regulation

**GREATER WELLINGTON REGIONAL COUNCIL**

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---

**From:** Jude Chittock <Jude.Chittock@gw.govt.nz>  
**Sent:** Friday, 7 June 2019 4:34 PM  
**To:** Helene Anderson <Helene.Anderson@gw.govt.nz>  
**Subject:** RE: Heretaunga Water WGN130085 - Update 7June2019

Thanks Helene. Can you take a look at this on Monday to see if this covers all works they needed to do before starting abstracting?

Thanks  
Jude

---

**From:** Helene Anderson <[Helene.Anderson@gw.govt.nz](mailto:Helene.Anderson@gw.govt.nz)>  
**Sent:** Friday, 7 June 2019 4:20 PM  
**To:** Jude Chittock <[Jude.Chittock@gw.govt.nz](mailto:Jude.Chittock@gw.govt.nz)>  
**Subject:** Fwd: Heretaunga Water WGN130085 - Update 7June2019

Just got this email from Heretaunga

**Helene Anderson** | Resource Advisor, Environmental Regulation

**GREATER WELLINGTON REGIONAL COUNCIL**

**Te Pane Matua Taiao**

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Begin forwarded message:

**From:** [REDACTED]  
**Date:** 7 June 2019 at 4:15:34 PM NZST  
**To:** Helene Anderson <[Helene.Anderson@gw.govt.nz](mailto:Helene.Anderson@gw.govt.nz)>  
**Cc:** 'Katy Grant' [REDACTED]  
[REDACTED]  
**Subject:** Heretaunga Water WGN130085 - Update 7June2019

Hi Helene,

Your enquiry and review is very timely. I was in the process of preparing an update for the GWRC about the recent progress at Refreshment Place (RP). Refer comment below on your email as needed and I further confirm that the following works were undertaken at significant cost recently:

- a. Bore inspection has been done, refer attached assessment report.
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- c. A New Bore Pump was installed. This has the capacity to pump to 15lps but will be restricted by the use of valves to 10lps to comply with the Consent.
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A test was done to confirm the Pump was working, it was run for around 2 x <5 minute intervals on Thursday 16<sup>th</sup> May. Before it was tested I checked the Meter Reading *and have a photo*, which was at 1,076m3, refer attached. The reading is as was reported to the GWRC on the 1<sup>st</sup> June 2017, refer email attached.

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- f. The required monitoring in place.

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Please contact me as required for further information as needed. If we can leave it to WC Monday 17<sup>th</sup> June though it would be greatly appreciated.

Regards

Jeffrey Colby  
International Springs Ltd  
9-15 Refreshment Place,  
Heretaunga  
Upper Hutt  
+61 (0) 419 700703

---

**From:** Helene Anderson <[Helene.Anderson@gw.govt.nz](mailto:Helene.Anderson@gw.govt.nz)>  
**Sent:** Wednesday, 5 June 2019 9:40 AM  
**To:** [REDACTED]  
**Subject:** Heretaunga Water WGN130085

Good afternoon Jeffrey,

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- b. *Cleaning (development) of the Bore. Refer comment above, was undertaken 3 weeks ago.*
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Could you please provide me with confirmation of the works above and whether any water has been taken during the 2018-2019 period?

Any questions, please let me know.

**Helene Anderson** | Resource Advisor, Environmental Regulation  
**GREATER WELLINGTON REGIONAL COUNCIL**  
**Te Pane Matua Taiao**

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## Ainslee Brown

---

**From:** [REDACTED]  
**Sent:** Friday, 21 June 2019 12:43 PM  
**To:** Kirsty van Reenen  
**Cc:** [REDACTED]  
**Subject:** Heretaunga Water Permit - WGN 130085 (31970) - May 2019 Extraction

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Kirsty,

Heretaunga Water Ltd has not received a request from GWRC to undertake a pumping test, so Clause 12 of the consent does not apply.

It was felt appropriate that this test should be undertaken as part of the overall review that PDP have been engaged to undertake in respect to the Consent itself. At the appropriate time PDP on behalf of the Consent Holder, Heretaunga Water Ltd, will be in contact to progress that review and brief. The directly responsible officer at PDP is:

Katy Grant  
Senior Hydrogeologist  
Pattle Delamore Partners Ltd

[REDACTED]  
[REDACTED]

Katy can be contacted directly if you have any more questions specific to this issue.

Regards

Jeffrey Colby  
International Springs Ltd  
9-15 Refreshment Place,  
Heretaunga  
Upper Hutt

[REDACTED]

---

**From:** Kirsty van Reenen <Kirsty.vanReenen@gw.govt.nz>  
**Sent:** Wednesday, 19 June 2019 2:18 PM  
**To:** [REDACTED]  
**Subject:** RE: Heretaunga Water Permit - WGN 130085 (31970) - May 2019 Extraction

Hi Jeffrey,  
Thanks for the update. With regard to the pump test data is this intended to satisfy condition 12 of your consent?  
Regards

**Kirsty van Reenen** | Senior Resource Advisor  
**GREATER WELLINGTON REGIONAL COUNCIL**  
*Te Pane Matua Taiao*  
Shed 39, 2 Fryatt Quay, Pipitea, Wellington  
PO Box 11646, Manners St, Wellington 6142  
**T: 021950322**  
[www.gw.govt.nz](http://www.gw.govt.nz)

---

**From:** [REDACTED]  
**Sent:** Wednesday, 19 June 2019 9:05 a.m.  
**To:** Kirsty van Reenen  
**Subject:** Heretaunga Water Permit - WGN 130085 (31970) - May 2019 Extraction

Dear Kirsty,

In May substantial work was completed at the Bore at Refreshment Place. This entailed:

1. Conditioning and Development, it was given a good clean.
2. New Riser and New Pump capable of 15lps was installed. The abstraction is the cut back to the Consent 10lps by adjusting the valves.
3. Monitoring equipment has been installed at Refreshment Place and the Blockhouse Lane Bore.
4. The bore itself was inspected last year.

The electrical work was not formally completed to connect the Pump to the an appropriate electrical supply until early June, however we did run the pump, with the electrician in attendance, **for just over a minute as a test**. The attached represents my report on that abstraction. Is this satisfactory?

There was an extended test undertaken with PDP supervising Griffiths Drilling last week. That abstraction I will report in June and that will include monitoring results for both Bores.

Regards

Jeffrey Colby  
International Springs Ltd  
9-15 Refreshment Place,  
Heretaunga  
Upper Hutt  
[REDACTED]

---

**From:** Kirsty van Reenen <[Kirsty.vanReenen@gw.govt.nz](mailto:Kirsty.vanReenen@gw.govt.nz)>  
**Sent:** Thursday, 1 June 2017 8:51 AM  
**To:** [water@internationalsprings.co.nz](mailto:water@internationalsprings.co.nz)  
**Subject:** RE: Heretaunga Water Permit - WGN 130085 (31970) - Dec 2016 Extraction

Hi Jeffrey,

Thanks for these records. Is the intent to start abstraction again at some stage?

With regard to the E.Coli contamination that has been found in the aquifer Wellington Water and GWRC are investigating the cause of this. Chlorination of the public water supply continues. Has the water quality from the Heretaunga bore been tested since the November earthquake?

Kind Regards

**Kirsty van Reenen** | Senior Resource Advisor  
**GREATER WELLINGTON REGIONAL COUNCIL**  
*Te Pane Matua Taiao*  
Shed 39, 2 Fryatt Quay, Pipitea, Wellington  
PO Box 11646, Manners St, Wellington 6142  
**T: 04 830 4015**  
[www.gw.govt.nz](http://www.gw.govt.nz)

---

**From:** [REDACTED]  
**Sent:** Thursday, 1 June 2017 8:05 a.m.  
**To:** Kirsty van Reenen  
**Subject:** Heretaunga Water Permit - WGN 130085 (31970) - Dec 2016 Extraction

Dear Kirsty,

I have been reviewing our records and am not sure if we advised the December 2016 extraction values. These are attached. As previously advised water extraction was discontinued on the 12<sup>th</sup> December 2016. There have been no extraction activities since the 12<sup>th</sup> Dec 2016.

Please contact me if you require any further information.

Regards

Jeffrey Colby  
International Springs Ltd  
Refreshment Depot  
Upper Hutt  
[REDACTED]

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## Ainslee Brown

---

**From:** [REDACTED]  
**Sent:** Wednesday, 19 June 2019 9:05 AM  
**To:** Kirsty van Reenen  
**Subject:** Heretaunga Water Permit - WGN 130085 (31970) - May 2019 Extraction  
**Attachments:** Heretaunga Water - Water Extraction and Monitoring Record - May2019.xlsx

**Follow Up Flag:** Flag for follow up  
**Flag Status:** Flagged

Dear Kirsty,

In May substantial work was completed at the Bore at Refreshment Place. This entailed:

1. Conditioning and Development, it was given a good clean.
2. New Riser and New Pump capable of 15lps was installed. The abstraction is the cut back to the Consent 10lps by adjusting the valves.
3. Monitoring equipment has been installed at Refreshment Place and the Blockhouse Lane Bore.
4. The bore itself was inspected last year.

The electrical work was not formally completed to connect the Pump to the an appropriate electrical supply until early June, however we did run the pump, with the electrician in attendance, **for just over a minute as a test**. The attached represents my report on that abstraction. Is this satisfactory?

There was an extended test undertaken with PDP supervising Griffiths Drilling last week. That abstraction I will report in June and that will include monitoring results for both Bores.

Regards

Jeffrey Colby  
International Springs Ltd  
9-15 Refreshment Place,  
Heretaunga  
Upper Hutt  
[REDACTED]

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**From:** Kirsty van Reenen <Kirsty.vanReenen@gw.govt.nz>  
**Sent:** Thursday, 1 June 2017 8:51 AM  
**To:** [REDACTED]  
**Subject:** RE: Heretaunga Water Permit - WGN 130085 (31970) - Dec 2016 Extraction

Hi Jeffrey,  
Thanks for these records. Is the intent to start abstraction again at some stage?

With regard to the E.Coli contamination that has been found in the aquifer Wellington Water and GWRC are investigating the cause of this. Chlorination of the public water supply continues. Has the water quality from the Heretaunga bore been tested since the November earthquake?

Kind Regards

**Kirsty van Reenen** | Senior Resource Advisor  
**GREATER WELLINGTON REGIONAL COUNCIL**  
*Te Pane Matua Taiao*  
Shed 39, 2 Fryatt Quay, Pipitea, Wellington

**From:** [REDACTED]  
**Sent:** Thursday, 1 June 2017 8:05 a.m.  
**To:** Kirsty van Reenen  
**Subject:** Heretaunga Water Permit - WGN 130085 (31970) - Dec 2016 Extraction

Dear Kirsty,

I have been reviewing our records and am not sure if we advised the December 2016 extraction values. These are attached. As previously advised water extraction was discontinued on the 12<sup>th</sup> December 2016. There have been no extraction activities since the 12<sup>th</sup> Dec 2016.

Please contact me if you require any further information.

Regards

Jeffrey Colby  
International Springs Ltd  
Refreshment Depot  
Upper Hutt  
[REDACTED]

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