

From: WALL Kate [Kate.Wall@ehp.qld.gov.au]
Sent: Friday, 21 November 2014 8:23 AM
To: MCDONAGH Keara
Subject: Fwd: Alert - Gassy landholder water bore (20km South of Chinchilla)
Attachments: image001.png; image002.png

Follow Up Flag: Follow up
Flag Status: Flagged

FYI

Sent from my iPhone

Begin forwarded message:

From: "CONNOR Andrew" <Andrew.Connor@ehp.qld.gov.au>
To: "WALL Kate" <Kate.Wall@ehp.qld.gov.au>
Subject: Fwd: Alert - Gassy landholder water bore (20km South of Chinchilla)

Sent from my iPhone

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To: "LENZ Anne" <anne.lenz@ehp.qld.gov.au<<mailto:anne.lenz@ehp.qld.gov.au>>>, "VENZ Mark" <Mark.Venz@ehp.qld.gov.au<<mailto:Mark.Venz@ehp.qld.gov.au>>>, "ELLWOOD Dean" <Dean.Ellwood@ehp.qld.gov.au<<mailto:Dean.Ellwood@ehp.qld.gov.au>>>, "HORTON Sarah" <Sarah.Horton@ehp.qld.gov.au<<mailto:Sarah.Horton@ehp.qld.gov.au>>>
Cc: "HERTSLET Bryce" <Bryce.Hertslet@ehp.qld.gov.au<<mailto:Bryce.Hertslet@ehp.qld.gov.au>>>
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Andrew, FYI mate

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14-258
Scott and David

File C

Page 1 of 103

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CSGCU (John Hughes) to coordinate with Landholder.

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Landholder: s.49 - Personal Information

Location: s.49 - Personal Information 20km south of Chinchilla s.49 - Personal Information

Tenure: PL253 – Arrow Energy

s.49 - Personal Information

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- Landholder advised that Arrow employees are not allowed to go “near” the bore
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- Landholder wants the water stopped prior to weekend - concerned about safety and land degradation
- Commissioner Ian Hayllor has been made aware of the bore

General Location Map:

[cid:image002.png@01D004EE.8B51DD30]

Property Map:

- Arrow Dundee wells are the orange triangles. Drilled between 2001 and 2005
- Approx 800m from bore location via Qld Globe

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Scott Little
CSG Compliance Unit
Department of Natural Resources and Mines
Telephone: 07 4529 1330

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PO Box 318, Toowoomba Qld 4350

14-258

<image001.png>

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RTI DL RELEASE - EHP

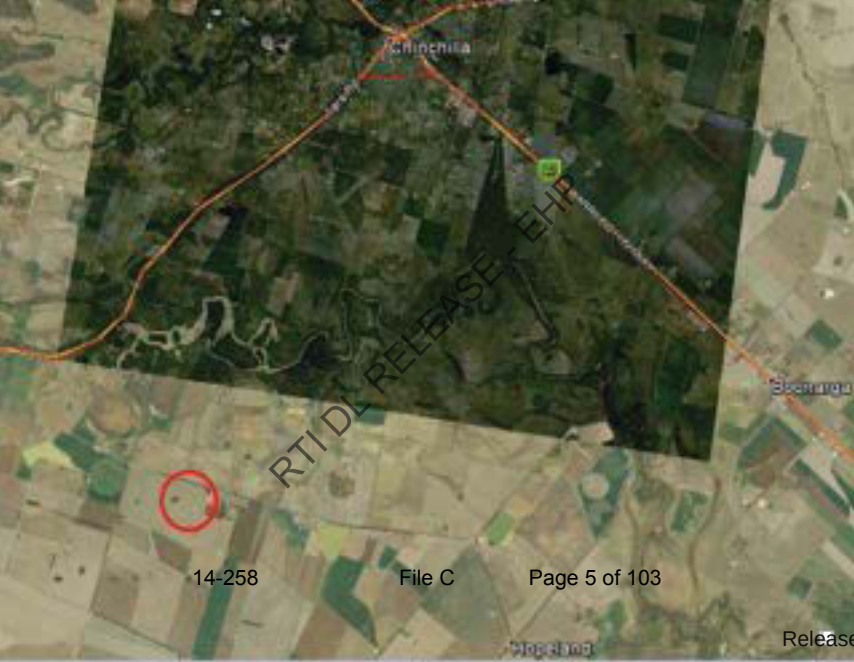
An aerial photograph of a rural landscape with various fields, some green and some brown, and a network of roads. A red circle is drawn on the map, highlighting a specific location in the center-left area. The text "RTI DL RELEASE - EHP" is overlaid diagonally across the map.

RTI DL RELEASE - EHP

14-258

File Page 4 of 103

Release



RTI DL RELEASE - EHP

C. Rinchilla

Buenavista

14-258

File C

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14-258
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File C

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RTI DL RELEASE - EHP

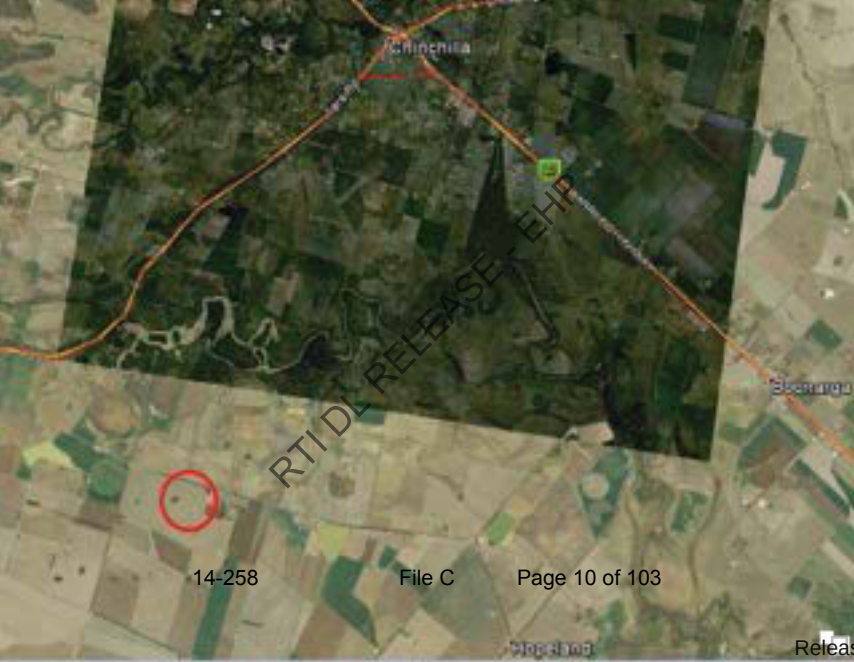


RTI DL RELEASE - EHP

14-258

File Page 9 of 103

Relea



C. Rinchilla

El Centro

RTI DL RELEASE - EHP



14-258

File C

Page 10 of 103

Map 100

Released

From: MCDONAGH Keara [Keara.Mcdonagh@ehp.qld.gov.au]
Sent: Friday, 21 November 2014 9:18 AM
To: WALL Kate
Subject: RE: Alert - Gassy landholder water bore (20km South of Chinchilla)

Follow Up Flag: Follow up
Flag Status: Flagged

Thanks Kate.

I'll record this in our tracker.

Is the Toowoomba Compliance Centre working on the response to this incident?

Thanks, Keara.

Keara McDonagh

Principal Environmental Officer (Intelligence), Petroleum, Gas and Compliance
Environmental Services and Regulation
Department of Environment and Heritage Protection
Level 7 | 400 George Street | Brisbane
Tel 07 3330 5618
www.ehp.qld.gov.au
nprsr-email-signature



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14-258

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File C

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Hi Keara,

This is all I know. However, it would be worthwhile checking in with the Toowoomba office to see if they are aware. Remember this was reported by DNRm's CSGU so there is a division of responsibility between us.

Cheers,
Kate Wall
Director, Petroleum, Gas and Compliance
Environmental Services and Regulation
Department of Environment and Heritage Protection
Level 7 | 400 George Street | Brisbane
Tel 07 3330 5534
www.ehp.qld.gov.au
ehp-email-signature



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Environmental Services and Regulation
Department of Environment and Heritage Protection
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Begin forwarded message:

From: "CONNOR Andrew" <Andrew.Connor@ehp.qld.gov.au<<mailto:Andrew.Connor@ehp.qld.gov.au>>>
To: "LENZ Anne" <anne.lenz@ehp.qld.gov.au<<mailto:anne.lenz@ehp.qld.gov.au>>>, "VENZ Mark" <Mark.Venz@ehp.qld.gov.au<<mailto:Mark.Venz@ehp.qld.gov.au>>>, "ELLWOOD Dean" <Dean.Ellwood@ehp.qld.gov.au<<mailto:Dean.Ellwood@ehp.qld.gov.au>>>, "HORTON Sarah" <Sarah.Horton@ehp.qld.gov.au<<mailto:Sarah.Horton@ehp.qld.gov.au>>>
Cc: "HERTSLET Bryce" <Bryce.Hertslet@ehp.qld.gov.au<<mailto:Bryce.Hertslet@ehp.qld.gov.au>>>
Subject: Fwd: Alert - Gassy landholder water bore (20km South of Chinchilla)

FYI

Sent from my iPhone

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From: "DATE Bill" <Bill.Date@dnrm.qld.gov.au<<mailto:Bill.Date@dnrm.qld.gov.au>><<mailto:Bill.Date@dnrm.qld.gov.au>>>
To: "CONNOR Andrew" <Andrew.Connor@ehp.qld.gov.au<<mailto:Andrew.Connor@ehp.qld.gov.au>><<mailto:Andrew.Connor@ehp.qld.gov.au>>>
Cc: "HERTSLET Bryce" <Bryce.Hertslet@ehp.qld.gov.au<<mailto:Bryce.Hertslet@ehp.qld.gov.au>><<mailto:Bryce.Hertslet@ehp.qld.gov.au>>>
Subject: Fwd: Alert - Gassy landholder water bore (20km South of Chinchilla)

Andrew, FYI mate

Bill Date
Executive Director | CSG Compliance Unit
Department of Natural Resources and Mines

T: 3199 7250 | E: Bill.Date@dnrm.qld.gov.au<<mailto:Bill.Date@dnrm.qld.gov.au>><<mailto:Bill.Date@dnrm.qld.gov.au>><<mailto:Bill.Date@dnrm.qld.gov.au>>

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To: "LITTLE Scott (DNRM)" <Scott.Little@dnrm.qld.gov.au<<mailto:Scott.Little@dnrm.qld.gov.au>><<mailto:Scott.Little@dnrm.qld.gov.au>><<mailto:Scott.Little@dnrm.qld.gov.au>>>, "HUGHES John" <John.Hughes@dnrm.qld.gov.au<<mailto:John.Hughes@dnrm.qld.gov.au>><<mailto:John.Hughes@dnrm.qld.gov.au>><<mailto:John.Hughes@dnrm.qld.gov.au>>>
Cc: "FREE David" <David.Free@dnrm.qld.gov.au<<mailto:David.Free@dnrm.qld.gov.au>><<mailto:David.Free@dnrm.qld.gov.au>><<mailto:David.Free@dnrm.qld.gov.au>>>, "MATHESON Stephen (Mines)" <Stephen.Matheson@dnrm.qld.gov.au<<mailto:Stephen.Matheson@dnrm.qld.gov.au>><<mailto:Stephen.Matheson@dnrm.qld.gov.au>><<mailto:Stephen.Matheson@dnrm.qld.gov.au>>>, "SHARP David" <David.Sharp@dnrm.qld.gov.au<<mailto:David.Sharp@dnrm.qld.gov.au>><<mailto:David.Sharp@dnrm.qld.gov.au>><<mailto:David.Sharp@dnrm.qld.gov.au>>>, "LYNCH Paul" <Paul.Lynch@dnrm.qld.gov.au<<mailto:Paul.Lynch@dnrm.qld.gov.au>><<mailto:Paul.Lynch@dnrm.qld.gov.au>><<mailto:Paul.Lynch@dnrm.qld.gov.au>>>
Subject: Re: Alert - Gassy landholder water bore (20km South of Chinchilla)

Scott and David

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Groundwater Investigation Assessment Team to respond to site in the morning. Chief Stephen Matheson will arrange for Inspectorate response.

John Hughes please coordinate response effort for same time on site.

Paul , for your info

Bill Date
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On 20 Nov 2014, at 18:19, "LITTLE Scott (DNRM)" <Scott.Little@dnrm.qld.gov.au<<mailto:Scott.Little@dnrm.qld.gov.au>><<mailto:Scott.Little@dnrm.qld.gov.au>><<mailto:Scott.Little@dnrm.qld.gov.au>><<mailto:Scott.Little@dnrm.qld.gov.au>>> wrote:

Bill 14-258

File C

Page 15 of 103

BLUF: Landholder safety concerns due to gassy bore, 20km South of Chinchilla

Landholder: s.49 - Personal Information
Location: s.49 - Personal Information 20km south of Chinchilla s.49 - Personal Information
Tenure: PL253 – Arrow Energy
Bore s.49 - Personal Information

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- Have been able to hear it bubbling within 100m for the past 3 years
- Landholder wants the water stopped prior to weekend - concerned about safety and land degradation
- Commissioner Ian Hayllor has been made aware of the bore

General Location Map:

[cid:image002.png@01D004EE.8B51DD30]

Property Map:

- Arrow Dundee wells are the orange triangles. Drilled between 2001 and 2005
- Approx 800m from bore location via Qld Globe

[cid:image001.png@01D004ED.30CE2180]

Scott Little
CSG Compliance Unit
Department of Natural Resources and Mines
Telephone: 07 4529 1330
Mobile: s.49 - Personal Information
Email:

scott.little@dnrm.qld.gov.au<<mailto:scott.little@dnrm.qld.gov.au>><<mailto:scott.little@dnrm.qld.gov.au>><<mailto:scott.little@dnrm.qld.gov.au>><<mailto:scott.little@dnrm.qld.gov.au>><<mailto:scott.little@dnrm.qld.gov.au>>
>
203 Tor Street, Toowoomba Qld 4350
PO Box 318, Toowoomba Qld 4350

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<image002.png>
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[cid:13:1411:1]
[cid:13:9790:0]
[cid:13:9790:1]
[cid:38:1548:0]
[cid:38:1548:1]



From: MCDONAGH Keara [Keara.Mcdonagh@ehp.qld.gov.au]
Sent: Friday, 21 November 2014 9:56 AM
To: WALL Kate
Subject: RE: Alert - Gassy landholder water bore (20km South of Chinchilla)

Follow Up Flag: Follow up
Flag Status: Flagged

Thanks Kate.

I'll contact the Toowoomba office.

Cheers,
Keara McDonagh
Principal Environmental Officer (Intelligence), Petroleum, Gas and Compliance
Environmental Services and Regulation
Department of Environment and Heritage Protection
Level 7 | 400 George Street | Brisbane
Tel 07 3330 5618
www.ehp.qld.gov.au
nprsr-email-signature



Please consider the environment before printing this email

From: WALL Kate
Sent: Friday, 21 November 2014 9:44 AM
To: MCDONAGH Keara
Subject: RE: Alert - Gassy landholder water bore (20km South of Chinchilla)

Hi Keara,

This is all I know. However, it would be worthwhile checking in with the Toowoomba office to see if they are aware. Remember this was reported by DNRm's CSGU so there is a division of responsibility between us.

Cheers,
Kate Wall
Director, Petroleum, Gas and Compliance
Environmental Services and Regulation
Department of Environment and Heritage Protection
Level 7 | 400 George Street | Brisbane
Tel 07 3330 5534
www.ehp.qld.gov.au
ehp-email-signature



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From: MCDONAGH Keara
Sent: Friday, 21 November 2014 9:19 AM
To: WALL Kate
Subject: RE: Alert - Gassy landholder water bore (20km South of Chinchilla)

Thanks Kate.

I'll record this in our tracker.

Is the Toowoomba Compliance Centre working on the response to this incident?

Thanks, Keara.

Keara McDonagh
Principal Environmental Officer (Intelligence), Petroleum, Gas and Compliance

File C

Page 17 of 103

Released

From: WALL Kate
Sent: Friday, 21 November 2014 8:23 AM
To: MCDONAGH Keara
Subject: Fwd: Alert - Gassy landholder water bore (20km South of Chinchilla)

Begin forwarded message:

Begin forwarded message:

Begin forwarded message:

T: 3199 7250 | E: Bill.Date@dnrm.qld.gov.au<<mailto:Bill.Date@dnrm.qld.gov.au>><<mailto:Bill.Date@dnrm.qld.gov.au>><<mailto:Bill.Date@dnrm.qld.gov.au>>

Begin forwarded message:

Page 18 of 103

Subject: Re: Alert - Gassy landholder water bore (20km South of Chinchilla)

Scott and David

CSGCU (John Hughes) to coordinate with Landholder.

Groundwater Investigation Assessment Team to respond to site in the morning. Chief Stephen Matheson will arrange for Inspectorate response.

John Hughes please coordinate response effort for same time on site.

Paul , for your info

Bill Date
Executive Director | CSG Compliance Unit
Department of Natural Resources and Mines

T: 3199 7250 | E: Bill.Date@dnrm.qld.gov.au<<mailto:Bill.Date@dnrm.qld.gov.au>><<mailto:Bill.Date@dnrm.qld.gov.au>><<mailto:Bill.Date@dnrm.qld.gov.au>><<mailto:Bill.Date@dnrm.qld.gov.au>>

On 20 Nov 2014, at 18:19, "LITTLE Scott (DNRM)"

<Scott.Little@dnrm.qld.gov.au<<mailto:Scott.Little@dnrm.qld.gov.au>><<mailto:Scott.Little@dnrm.qld.gov.au>><<mailto:Scott.Little@dnrm.qld.gov.au>><<mailto:Scott.Little@dnrm.qld.gov.au>>> wrote:

Bill

BLUF: Landholder safety concerns due to gassy bore, 20km South of Chinchilla

Landholder: s.49 - Personal Information

Location: s.49 - Personal Information 20km south of Chinchilla s.49 - Personal Information

Tenure: PL253 - Arrow Energy

Bore: s.49 - Personal Information

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- Landholder wants the water stopped prior to weekend - concerned about safety and land degradation
- Commissioner Ian Hayllor has been made aware of the bore

General Location Map:

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Property Map:

- Arrow Dundee wells are the orange triangles. Drilled between 2001 and 2005
- Approx 800m from bore location via Qld Globe

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Scott Little
CSG Compliance Unit
Department of Natural Resources and Mines
Telephone: 07 4529 1330

Mobile: s.49 - Personal Information

Email:

scott.little@dnrm.qld.gov.au<<mailto:scott.little@dnrm.qld.gov.au>><<mailto:scott.little@dnrm.qld.gov.au>><<mailto:scott.little@dnrm.qld.gov.au>><<mailto:scott.little@dnrm.qld.gov.au>><<mailto:scott.little@dnrm.qld.gov.au>>> File C Page 19 of 103

<image001.png>

<image002.png>

[cid:13:1411:0]

[cid:13:1411:1]

[cid:13:9790:0]

[cid:13:9790:1]

[cid:38:1548:0]

[cid:38:1548:1]



RTI DL RELEASE - EHP

From: MCDONAGH Keara [Keara.Mcdonagh@ehp.qld.gov.au]
Sent: Friday, 21 November 2014 10:09 AM
To: WALL Kate
Subject: RE: Alert - Gassy landholder water bore (20km South of Chinchilla)

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Kate,

I've called Toowoomba and not been able to get hold of anyone that can help me at the moment but I can see Sarah Horton has been cced into the email from Andrew Connor so I'd assume she'd be aware. Sarah is at work today so I've left a message for her to call me back so I can understand how they will proceed and I can record this.

Thanks, Keara.

Keara McDonagh

Principal Environmental Officer (Intelligence), Petroleum, Gas and Compliance
Environmental Services and Regulation
Department of Environment and Heritage Protection
Level 7 | 400 George Street | Brisbane
Tel 07 3330 5618
www.ehp.qld.gov.au
nprsr-email-signature



Please consider the environment before printing this email

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Sent: Friday, 21 November 2014 9:44 AM
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Hi Keara,

This is all I know. However, it would be worthwhile checking in with the Toowoomba office to see if they are aware. Remember this was reported by DNRm's CSGU so there is a division of responsibility between us.

Cheers,
Kate Wall
Director, Petroleum, Gas and Compliance
Environmental Services and Regulation
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Subject: RE: Alert - Gassy landholder water bore (20km South of Chinchilla)

Thanks Kate.

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Thanks, Keara

File C

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Released

Keara McDonagh

Principal Environmental Officer (Intelligence), Petroleum, Gas and Compliance
Environmental Services and Regulation
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Level 7 | 400 George Street | Brisbane
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Sent from my iPhone

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Cc: "HERTSLET Bryce" <Bryce.Hertslet@ehp.qld.gov.au<<mailto:Bryce.Hertslet@ehp.qld.gov.au>>>
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Cc: "FREE David" <David.Free@dnrm.qld.gov.au<<mailto:David.Free@dnrm.qld.gov.au>><<mailto:David.Free@dnrm.qld.gov.au>>>, "MATHESON Stephen (Chinchilla)" <Stephen.Matheson@dnrm.qld.gov.au<<mailto:Stephen.Matheson@dnrm.qld.gov.au>><<mailto:Stephen.Matheson@dnrm.qld.gov.au>>>, "SHARP David" <David.Sharp@dnrm.qld.gov.au<<mailto:David.Sharp@dnrm.qld.gov.au>>>

<David.Sharp@dnrm.qld.gov.au<mailto:David.Sharp@dnrm.qld.gov.au><mailto:David.Sharp@dnrm.qld.gov.au><mailto:David.Sharp@dnrm.qld.gov.au>>, "LYNCH Paul"
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Scott Little
CSG Compliance Unit
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>

203 Tor Street, Toowoomba Qld 4350
PO Box 318, Toowoomba Qld 4350

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[cid:13:1411:0]

[cid:13:1411:1]

[cid:13:9790:0]

[cid:13:9790:1]

[cid:38:1548:0]

[cid:38:1548:1]



RTI DL RELEASE - EHP

From: NAYLOR Gillian [Gillian.Naylor@ehp.qld.gov.au]
Sent: Monday, 24 November 2014 9:25 AM
To: SMOLKOVA-BISMARCK Angelina; MAVER Neil
CC: BAKER Tony; YOUNG Jenny
Subject: FW: Media Release - Water Bore Blows
Attachments: Media Release 23 Nov 2014 - Hopeland Water Bore Blows.pdf

Hi All,

Forwarding this to you as well as something more will likely come out of this...

Cheers,

Gillian Naylor

Team Leader, Petroleum and Gas | Petroleum, Gas and Compliance
Environmental Services and Regulation
Department of Environment and Heritage Protection
Level 7 | 400 George Street | Brisbane
Tel 07 3330 5620
www.ehp.qld.gov.au
ehp-email-signature



From: YOUNG Jenny
Sent: Monday, 24 November 2014 9:12 AM
To: BAKER Tony; NAYLOR Gillian
Subject: FW: Media Release - Water Bore Blows

Hello,

Just forwarding this email FYI. Shay Dougall is a landholder who has been in contact with me inquiring about APLNG's Walloons EA and I understand Gillian has also spoken with her. I am not sure why this came to me.

Thanks,

Jenny Young

jenny.young@ehp.qld.gov.au

Environmental Support Officer | Petroleum and Gas | Environmental Services and Regulation | Department of Environment and Heritage Protection | Level 7 | 400 George Street | GPO Box 2454 | Brisbane 4001 | **Tel** 07 3330 5715 | **Fax** 07 3330 5634 | www.ehp.qld.gov.au



From: Shay Dougall [<mailto:shay@molliwell.com.au>]
Sent: Monday, 24 November 2014 8:57 AM
Subject: Media Release - Water Bore Blows

Hi everyone, for your info, this is a media release I have prepared and distributed.

Regards

--

Shay Dougall
0746654072

RTI DL RELEASE - EHP



Hopeland experiences taste of dry future

On Thursday 20 November 2014 at approximately 6.30pm an old bore that had been disused but stable for 30 year inexplicably let out a loud bang and followed with an almighty gush of water and gas 6 foot into the air. It then continued to release water (including from outside of the casing) for another day. Now it sits with nothing much to indicate anything had happened other than an interesting thin white crust on the ground, and the eerie sound of gas rushing out of it and a side to side movement to the casing.

The Bore is in the Walloon coal measures as almost all of the priority agricultural Hopeland farming bores are.

Bores are used in this part of the country to water stock and to supply an alternative water source to the farmer in times of drought. ***We all know, no water, no farm.***

This event spells the death of all bores in the Walloons. This spells the impending death of the Aquifer. Which Aquifer is next?

The Hopeland community spend the next few days anxiously discussing the occurrence amongst themselves trying to get to the bottom of the event.

By Sunday it is understood that the CSG Compliance Unit had visited.

The Hopeland Community Sustainability Group contacted Origin via email on Saturday night and then again on Sunday with a phone call and email to senior management in Origin expressing the anxiety of every landholder with a bore in the community and requesting full and frank information sharing .

By midday the 'on duty' landholder liaison had returned the contact and when asked directly for information regarding the bore that blew out, he responded with, "I don't know what you are talking about, what bore?".

I then received an email from the Senior Manager saying that he was not aware of any safety or emergency issues that needed immediate attention and that further details will be found out next week.

Some facts about CSG, farm bores, aquifers.

1. When one gas field is depressurised and dewatered, the next door field may have the added bonus reaction of releasing its gas easier.
2. Hopeland is in PL 272, which is largely undrilled (as yet) and is right next door (over the road from) the Orana Gas Processing Facility and the Orana Gasfield
3. This bore from Thursday is about 5 km from one of Origins locations for monitoring equipment for the "Condamine Seep". And about 10 km from the Orana GPF and gas field (see diagram on last page)
4. The Orana Gas Processing Facility has been undergoing commissioning and a massive flare burning TJs of gas out of the Orana gas field each time it is ignited (tera joule – 1 trillion joules)
5. A typical well will have 500-1000 bbl/d of water per day = 159 litre x 1000 = 159000 litres = number of litres of water from one typical well in phase one of production. How many lots of 159000 litres per day can be removed from the aquifer before it effects the other "licenced users of allocated amounts" of that very same water?
6. As of September 2014 Origin have roughly 800 gas wells commissioned

Media Release

23 November 2014



7. Early Data indicates Orana performance to be better than expected, high water rates when brought online, number of wells producing gas immediately upon start up, 13 wells are free flowing (no downhole pump required)
8. The first Hopeland bore to blow in this way due to depressurising and dewatering activity was in 2008, again in 2010 and now this stable disused bore in 2014.
9. There are a number of farmer water bores across Hopeland that in the last year have begun percolating and bubbling and gaseous

The bores in Hopeland will start blowing, then the aquifer will be ruined and what of the farmer?

How will the gas companies "Make Good". Where are they going to get guaranteed water from to give back to the farmers? **No water, no farm.**

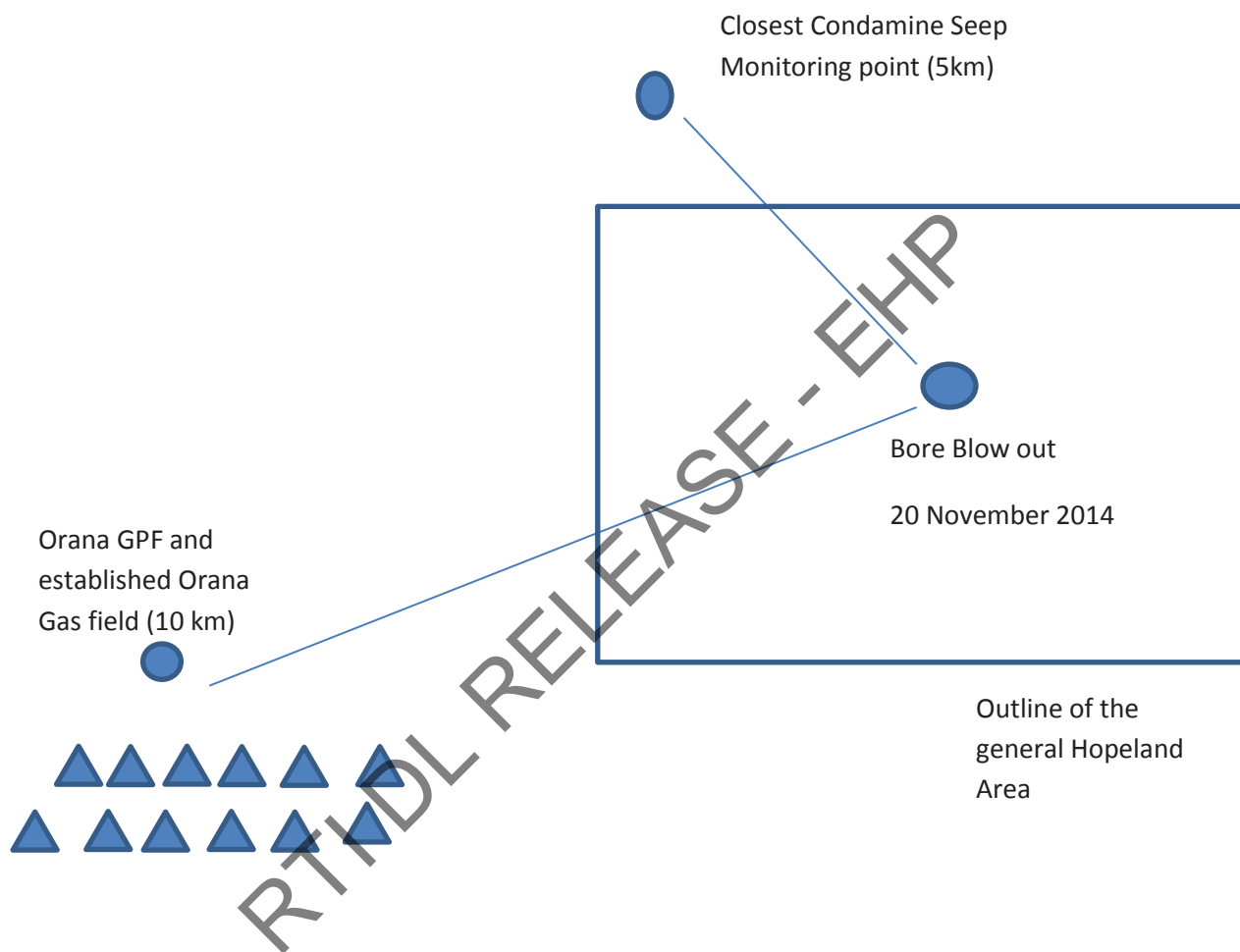
Ministers McVeigh, Cripps, Seeney and Premier Newman are on notice. The people of Hopeland on behalf of all farmers in the midst of this nightmare, are called on now to reread the letters and emails sent to them by worried and heartbroken farmers and come out to Hopeland and explain again to these farmers how they are protecting priority agricultural land and aquifers.

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- That while millions of litres of water is drained from the aquifer the farmers have their bores in, there is no connection to farmers bores having gas instead of water.
- But don't worry, not ALL of the water from the aquifer will be gone, as the CSG Company's Environmental Authority specifies that one of the activities they are permitted to undertake is a petroleum activity that involves **injection of a waste fluid into a natural underground reservoir or aquifer**
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ENDS



From: NAYLOR Gillian [Gillian.Naylor@ehp.qld.gov.au]
Sent: Monday, 24 November 2014 9:31 AM
To: MCDONAGH Keara
CC: BAKER Tony
Subject: FW: Media Release - Water Bore Blows
Attachments: Media Release 23 Nov 2014 - Hopeland Water Bore Blows.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Keara, as discussed. I've been talking with Shay recently, but not about this issue.

Gillian Naylor

Team Leader, Petroleum and Gas | Petroleum, Gas and Compliance
Environmental Services and Regulation
Department of Environment and Heritage Protection
Level 7 | 400 George Street | Brisbane
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From: Shay Dougall [mailto:shay@molliwell.com.au]
Sent: Monday, 24 November 2014 8:57 AM
Subject: Media Release - Water Bore Blows

Hi everyone, for your info, this is a media release I have prepared and distributed.

Regards
--

Shay Dougall
0746654072



Hopeland experiences taste of dry future

On Thursday 20 November 2014 at approximately 6.30pm an old bore that had been disused but stable for 30 year inexplicably let out a loud bang and followed with an almighty gush of water and gas 6 foot into the air. It then continued to release water (including from outside of the casing) for another day. Now it sits with nothing much to indicate anything had happened other than an interesting thin white crust on the ground, and the eerie sound of gas rushing out of it and a side to side movement to the casing.

The Bore is in the Walloon coal measures as almost all of the priority agricultural Hopeland farming bores are.

Bores are used in this part of the country to water stock and to supply an alternative water source to the farmer in times of drought. ***We all know, no water, no farm.***

This event spells the death of all bores in the Walloons. This spells the impending death of the Aquifer. Which Aquifer is next?

The Hopeland community spend the next few days anxiously discussing the occurrence amongst themselves trying to get to the bottom of the event.

By Sunday it is understood that the CSG Compliance Unit had visited.

The Hopeland Community Sustainability Group contacted Origin via email on Saturday night and then again on Sunday with a phone call and email to senior management in Origin expressing the anxiety of every landholder with a bore in the community and requesting full and frank information sharing .

By midday the 'on duty' landholder liaison had returned the contact and when asked directly for information regarding the bore that blew out, he responded with, "I don't know what you are talking about, what bore?".

I then received an email from the Senior Manager saying that he was not aware of any safety or emergency issues that needed immediate attention and that further details will be found out next week.

Some facts about CSG, farm bores, aquifers.

1. When one gas field is depressurised and dewatered, the next door field may have the added bonus reaction of releasing its gas easier.
2. Hopeland is in PL 272, which is largely undrilled (as yet) and is right next door (over the road from) the Orana Gas Processing Facility and the Orana Gasfield
3. This bore from Thursday is about 5 km from one of Origins locations for monitoring equipment for the "Condamine Seep". And about 10 km from the Orana GPF and gas field (see diagram on last page)
4. The Orana Gas Processing Facility has been undergoing commissioning and a massive flare burning TJs of gas out of the Orana gas field each time it is ignited (tera joule – 1 trillion joules)
5. A typical well will have 500-1000 bbl/d of water per day = 159 litre x 1000 = 159000 litres = number of litres of water from one typical well in phase one of production. How many lots of 159000 litres per day can be removed from the aquifer before it effects the other "licenced users of allocated amounts" of that very same water?
6. As of September 2014 Origin have roughly 800 gas wells commissioned

Media Release

23 November 2014



7. Early Data indicates Orana performance to be better than expected, high water rates when brought online, number of wells producing gas immediately upon start up, 13 wells are free flowing (no downhole pump required)
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The bores in Hopeland will start blowing, then the aquifer will be ruined and what of the farmer?

How will the gas companies "Make Good". Where are they going to get guaranteed water from to give back to the farmers? **No water, no farm.**

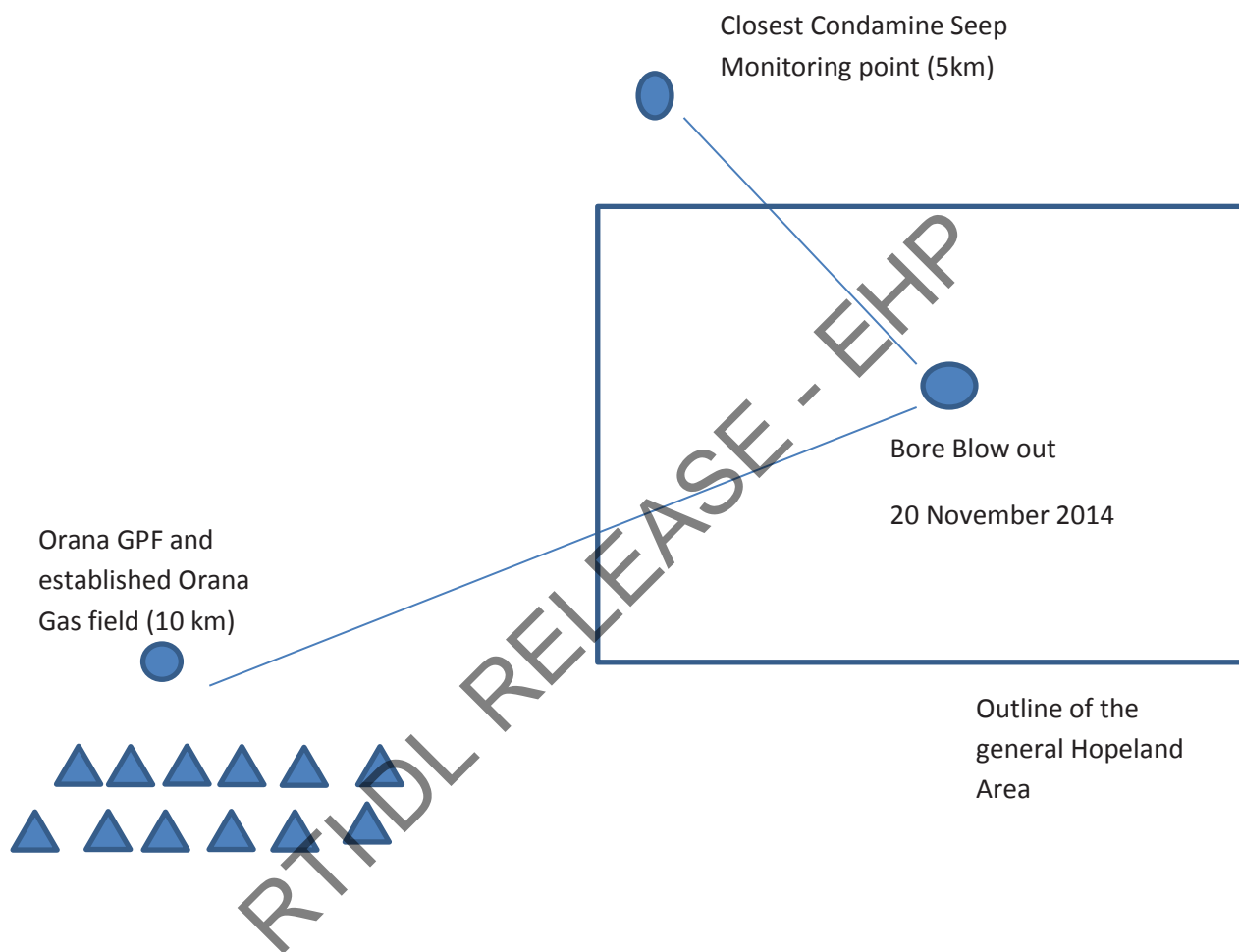
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ENDS



From: MCDONAGH Keara [Keara.Mcdonagh@ehp.qld.gov.au]
Sent: Monday, 24 November 2014 1:14 PM
To: SPALDING Rob; HORTON Sarah; BROWN Ruth
Subject: FW: Media Release - Water Bore Blows
Attachments: Media Release 23 Nov 2014 - Hopeland Water Bore Blows.pdf; Fwd: Alert - Gassy landholder water bore (20km South of Chinchilla)

Follow Up Flag: Follow up
Flag Status: Flagged

Hi,

As discussed with Rob just now, please find attached a media release by Hopeland Community Sustainability Group regarding a "bore blow-out" for your information.

It's not clear from the release as to whether the bore in question is the same bore the subject of the attached alert from DNRM's CSG Compliance Unit. I have left a message with Scott Little (Manager, CSG Compliance Unit, DNRM) to call me back on this issue. I'll keep you posted with his response.

Cheers,

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Media Release

23 November 2014



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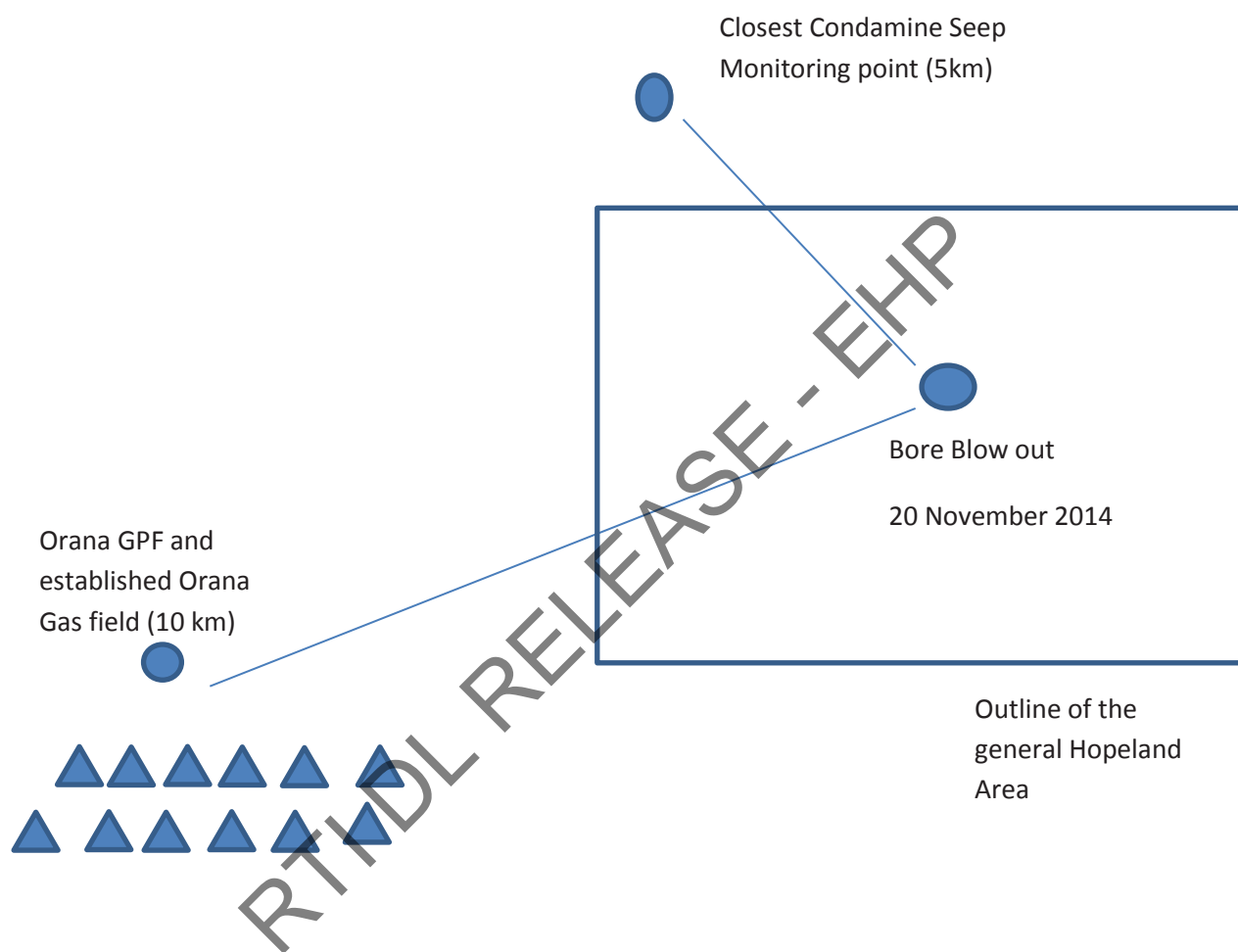
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Sent: Tuesday, 25 November 2014 10:55 AM
To: MCDONAGH Keara
Subject: FW: Media Release - Water Bore Blows

Follow Up Flag: Follow up
Flag Status: Flagged

Keara,

Could you please put together an ESR Alert on this matter and include the media release as an attachment.

If you could get it back to me today I would appreciate it.

Cheers,

Kate Wall

Director, Petroleum, Gas and Compliance
Environmental Services and Regulation
Department of Environment and Heritage Protection
Level 7 | 400 George Street | Brisbane
Tel 07 3330 5534

www.ehp.qld.gov.au

ehp-email-signature



Please consider the environment before printing this email

From: HORTON Sarah
Sent: Tuesday, 25 November 2014 9:35 AM
To: BLANCHARD Scott
Cc: SPALDING Rob; WALL Kate; CONNOR Andrew
Subject: FW: Media Release - Water Bore Blows

Hi Scott

FYI – before Bryce [REDACTED] was keen to know what involvement we have in this issue – email traffic below outlines this.

Rob, can you please advise if and when we do engage on this one re. EA conditions.

Thanks

Regards

Sarah

From: LITTLE Scott (DNRM)
Sent: Monday, 24 November 2014 5:40 PM
To: SPALDING Rob
Cc: BROWN Ruth; HORTON Sarah
Subject: RE: Media Release - Water Bore Blows

G'day Rob

Will attempt to give you a bell in the morning for a full verbal debrief. Has been relatively hectic today dealing the fallout from the inspection last Friday and the relevant media from Shae/LTG.

Whilst not specifically related to any EA conditions, Arrow are keen for this particular bore to be brought in under Ch 3 of the water act. Have been in discussions with Justin Carpenter later this afternoon

cheers

Scott Little

CSG Compliance Unit

Department of Natural Resources and Mines

Telephone: 07 4529 1330

Mobile: [REDACTED] - Personal Information

Email: scott.little@dnrm.qld.gov.au

203 Tor Street, Toowoomba Qld 4350

PO Box 318, Toowoomba Qld 4350

From: SPALDING Rob
Sent: Monday, 24 November 2014 5:17 PM
To: LITTLE Scott (DNRM)
Cc: BROWN Ruth; HORTON Sarah
Subject: FW: Media Release - Water Bore Blows

Hi Scott,

Sorry to be a pain but I am hoping that you might be able to give us an update on the outcomes of the complaints/allegations made by Shay Dougall and others regarding the reports of a gassy landholder's bore at Hopeland.

From the information that we have received I understand that this is not an "incident" that requires EHP attention in regard to EA conditions or any environmental compliance action. But I do expect that one or more of the landholders at Hopeland will eventually raise their concerns about this issue with EHP and it would be helpful for us to have some record of the DNRM investigations and findings on the matter to assist us with our response (if one is required at some future date).

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Alternatively, if you have the time to give one of us a call to discuss how it had been dealt with, that would also be appreciated.

Thanks & Regards, Rob

Rob Spalding

Principal Environmental Officer
South Queensland Compliance (Toowoomba)
Environmental Services - Southern Region
Department of Environment and Heritage Protection
173 Hume Street, Toowoomba QLD 4350
P.O. Box 731 Toowoomba QLD 4350
Ph: (07) 46994349
www.ehp.qld.gov.au



From: MCDONAGH Keara
Sent: Monday, 24 November 2014 1:14 PM
To: SPALDING Rob; HORTON Sarah; BROWN Ruth
Subject: FW: Media Release - Water Bore Blows

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Cc: BAKER Tony
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0746654072

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From: MCDONAGH Keara [Keara.Mcdonagh@ehp.qld.gov.au]
Sent: Tuesday, 25 November 2014 11:03 AM
To: WALL Kate
Subject: RE: Media Release - Water Bore Blows

Follow Up Flag: Follow up
Flag Status: Flagged

Will do.

Cheers, Keara.

Keara McDonagh

Principal Environmental Officer (Intelligence), Petroleum, Gas and Compliance
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Sent: Tuesday, 25 November 2014 11:32 AM
To: LITTLE Scott (DNRM)
Subject: Alert - Gassy landholder water bore (20km South of Chinchilla)

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Scott,

As discussed on the phone just now, I'd be most appreciative if you could please send through the alert you are putting together on the matter of the gassy landholder water bore.

If you'd like any help/input from me/EHP please do just let me know and I will do all I can to help.

Many thanks,

Keara.

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To: WALL Kate
Subject: RE: Media Release - Water Bore Blows

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Kate,

I called Scott Little to finish our conversation from yesterday where I was trying to get more info from him. (I was actually trying to pre-empt things and started to prepare an alert yesterday).

Today, Scott advised he is in the process of writing an alert on this issue that will give me the info I am chasing so he will send it through to me.

He is acting in the manager role for DNRM's CSG Compliance Unit at the moment so he also advised that he believes the person that usually sits in that position would normally cc Anne Lenz into such an alert so he will probably send it to her too.

I need info from him to fully complete our ESR alert on this matter.

At this stage, would you like me to put together our alert stating we're awaiting more info?

Thanks, Keara.

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Keara,

Could you please put together an ESR Alert on this matter and include the media release as an attachment.

If you could get it back to me today I would appreciate it.

Cheers,
Kate Wall
Director, Petroleum, Gas and Compliance
Environmental Services and Regulation
Department of Environment and Heritage Protection



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From: HORTON Sarah
Sent: Tuesday, 25 November 2014 9:35 AM
To: BLANCHARD Scott
Cc: SPALDING Rob; WALL Kate; CONNOR Andrew
Subject: FW: Media Release - Water Bore Blows

Hi Scott

FYI – before Bryce [REDACTED] he was keen to know what involvement we have in this issue – email traffic below outlines this.

Rob, can you please advise if and when we do engage on this one re. EA conditions.

Thanks

Regards
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From: LITTLE Scott (DNRM)
Sent: Monday, 24 November 2014 5:40 PM
To: SPALDING Rob
Cc: BROWN Ruth; HORTON Sarah
Subject: RE: Media Release - Water Bore Blows

G'day Rob

Will attempt to give you a bell in the morning for a full verbal debrief. Has been relatively hectic today dealing the fallout from the inspection last Friday and the relevant media from Shae/LTG.

Whilst not specifically related to any EA conditions, Arrow are keen for this particular bore to be brought in under Ch 3 of the water act. Have been in discussions with Justin Carpenter later this afternoon

cheers

Scott Little

CSG Compliance Unit

Department of Natural Resources and Mines

Telephone: 07 4529 1330

Mobile: [REDACTED] - Personal Information

Email: scott.little@dnrm.qld.gov.au

203 Tor Street, Toowoomba Qld 4350

PO Box 318, Toowoomba Qld 4350

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Principal Environmental Officer (Intelligence), Petroleum, Gas and Compliance

Environmental Services and Regulation

Department of Environment and Heritage Protection

Level 7 | 400 George Street | Brisbane

Tel 07 3330 5618

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nprsr-email-signature



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To: MCDONAGH Keara

Cc: BAKER Tony

Subject: FW: Media Release - Water Bore Blows

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Gillian Naylor

Team Leader, Petroleum and Gas | Petroleum, Gas and Compliance

Environmental Services and Regulation

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Subject: Media Release - Water Bore Blows

Hi everyone, for your info, this is a media release I have prepared and distributed.

Regards

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Shay Dougall

0746654072

From: WALL Kate [Kate.Wall@ehp.qld.gov.au]
Sent: Tuesday, 25 November 2014 12:44 PM
To: MCDONAGH Keara
Subject: RE: Media Release - Water Bore Blows

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Flag Status: Flagged

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Mobile: [REDACTED] - Personal Information

Email: scott.little@dnrm.qld.gov.au

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RTI DL RELEASE - EHP

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Sent: Tuesday, 25 November 2014 12:45 PM
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Subject: RE: Media Release - Water Bore Blows

Follow Up Flag: Follow up
Flag Status: Flagged

Ok thanks, will do.

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Sent: Tuesday, 25 November 2014 3:30 PM
To: WALL Kate
Subject: RE: Media Release - Water Bore Blows

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Kate,

Please find below the dot points I've put together for this issue: Gassy landholder water bore.

Would you like me to complete an ESR Alert once I have further detail from Scott Little?

Thanks, Keara.

- On 20/11/2014, a 2 meter high spray of water released into the air from a landholder's bore located on PL253, approx. 20km south of Chinchilla.
- Arrow Energy is principal holder of PL253.
- Description of water released was salty/brackish with high pH.
- DNRM, CSG Compliance Unit (Scott Little and John Hughes) coordinated response to the event.
- Groundwater Investigation Assessment Team were requested to respond to the site am 21/11/2014.
- On 24/11/2014, EHP received a media release from Hopeland Community Sustainability Group (HCSG) via email.
 - Release reported incident but provided some details that were inconsistent with the detail provided by the landholder and DNRM on this issue – e.g. the release suggests the bore is on Origin Energy land.
 - Release makes the statement: *This event spells the death of all bores in the Walloons. This spells the impending death of the Aquifer. Which Aquifer is next?*
- On 24/11/2014, DNRM met with Arrow Energy to discuss appropriate course of action to resolve issue, including plug and abandon bore in a timely manner.
- EHP are in correspondence with DNRM, CSG Compliance Unit to determine appropriate EHP response.
 - EHP in correspondence:
 - Sarah Horton (Toowoomba, South QLD Compliance); and
 - Justin Carpenter (RSR&S) to determine whether response under Chapter 3 of the Water Act is appropriate (i.e. a direction order to conduct a baseline assessment).
- Chief Stephen Matheson was requested to arrange for Inspectorate response.
- Commissioner Ian Hayllor has been made aware of the bore.
- Upon notification of the incident, on 20/11/2014, Landholder advised that Arrow employees are not allowed to go "near" the bore.
- There are Arrow CSG wells within 800m of the bore.
- Landholder advised:
 - wants the water stopped prior to weekend - concerned about safety and land degradation.
 - have been able to hear bubbling within 100m of the bore for the past 3 years.
- Landholder s.49 - Personal Information
- Location:
 - s.49 - Personal Information
 - Tenure PL253.

Keara McDonagh

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Environmental Services and Regulation
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Cc: BAKER Tony
Subject: FW: Media Release - Water Bore Blows

[Keara](#), as discussed. I've been talking with Shay recently, but not about this issue.

Gillian Naylor

Team Leader, Petroleum and Gas | Petroleum, Gas and Compliance
Environmental Services and Regulation
Department of Environment and Heritage Protection
Level 7 | 400 George Street | Brisbane

Tel 07 3330 5620

www.ehp.qld.gov.au

ehp-email-signature



From: Shay Dougall [<mailto:shay@molliwell.com.au>]

Sent: Monday, 24 November 2014 8:57 AM

Subject: Media Release - Water Bore Blows

Hi everyone, for your info, this is a media release I have prepared and distributed.

Regards

--

Shay Dougall
0746654072

RTI DL RELEASE - EHP

HOPELAND LANDHOLDER'S GASSY WATER BORE

WHO: Arrow Energy
WHAT: Gassy landholder water bore – safety and land degradation concerns
WHERE: Hopeland – ATP676 (approximately 20km South West of Chinchilla)
WHEN: Initial notification 20 November 2014
WHY: Community concern regarding safety of landholder bores and damage to aquifers

SUMMARY OF ACTIVITY:

- The CSG Compliance Unit was made aware of a landholder bore which was showing increased signs of gas and spraying water several metres in the air late Thursday, 20 November 2014.
- The landholder had safety concerns with increased gas emissions and land degradation concerns due to brackish water spraying on the land.
- DNRM undertook an inspection of the site on Friday 21 November 2014. Staff from the Petroleum and Gas Safety Inspectorate and the CSG Compliance Unit's Groundwater Investigation and Assessment Team and CSG Engagement Team attended the inspection.
- Arrow Energy is the holder of the exploration tenure on which the bore is located. A representative from Arrow Energy attended the inspection.
- It was determined that the bore was **not** emitting gas at unsafe levels and that no ignition source was present.
- The landholder advised that water had ceased spraying from the bore at 5:30am on Friday the 21 November 2014.
- Landholder has been advised to avoid close proximity to the bore.
- The bore is located within the locality of Hopeland, approximately 20km south of Chinchilla.
- The nearest CSG wells are located approximately 1.2km from the bore. These are Arrow Energy appraisal wells which were drilled from 2001 to 2005.
- The nearest producing field is Origin Energy's Orana field, located approximately 8km to the south west of the bore.
- There is anecdotal evidence of the bore having a gaseous history.
- DNRM is working closely with Arrow Energy, as the tenure holder, and Origin Energy to progress the issue.
- Origin Energy have proactively contacted the landholder and initiated discussions on bore remediation.

POTENTIAL IMPACTS:

- Increased community concern with regards to safety in the locality of Hopeland.
- Decreased community confidence in the regulation and social licence for the CSG to LNG industry.
- Increased media attention.

GOVERNMENT RESPONSE:

- CSGCU is continuing to investigate and monitor the bore to ensure an appropriate response
- CSGCU Update to DPC, DEHP, DAFF, GasFields Commission and across DNRM.

COMPANY'S PROPOSED ACTIONS

Briefing Officer: Scott Little	Telephone: (07) 45291330	Date: 25/11/2014
Approving Officer: David Free	Telephone: (07) 45291275	Date: 25/11/2014

- Origin Energy and Arrow Energy to continue working closely with DNRM.
- Origin Energy to continue working with the landholder to progress bore remediation.

NEXT UPDATE ON INCIDENT EXPECTED:

- As required.

COMMUNICATION:

- Lock the Gate and the Hopeland Community Sustainability Group have distributed media releases which refer to the matter.
- No further communication planned at this stage.

MAP OR PLAN OF SITE:

- 20km South West of Chinchilla (Hopeland)



Photo of bore



Briefing Officer: Scott Little	Telephone: (07) 45291330	Date: 25/11/2014
Approving Officer: David Free	Telephone: (07) 45291275	Date: 25/11/2014

From: LITTLE Scott (DNRM) [Scott.Little@dnrm.qld.gov.au]
Sent: Tuesday, 25 November 2014 3:30 PM
To: MCDONAGH Keara
Subject: RE: Alert - Gassy landholder water bore (20km South of Chinchilla)
Attachments: CSGCU Update -Hopeland Gassy Bore.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Sorry for delay, please find attached update.

Origin have taken the initiative to lead and are negotiating to P&A. Will be outside the make-good framework (Ch3 of Water Act)

Scott Little

CSG Compliance Unit

Department of Natural Resources and Mines

Telephone: 07 4529 1330

Mobile: [REDACTED] - Personal Information

Email: scott.little@dnrm.qld.gov.au

203 Tor Street, Toowoomba Qld 4350

PO Box 318, Toowoomba Qld 4350

From: MCDONAGH Keara
Sent: Tuesday, 25 November 2014 11:33 AM
To: LITTLE Scott (DNRM)
Subject: Alert - Gassy landholder water bore (20km South of Chinchilla)

Hi Scott,

As discussed on the phone just now, I'd be most appreciative if you could please send through the alert you are putting together on the matter of the gassy landholder water bore.

If you'd like any help/input from me/EHP please do just let me know and I will do all I can top help.

Many thanks,

Keara.

Keara McDonagh

Principal Environmental Officer (Intelligence), Petroleum, Gas and Compliance

Environmental Services and Regulation

Department of Environment and Heritage Protection

Level 7 | 400 George Street | Brisbane

Tel 07 3330 5618

www.ehp.qld.gov.au

nprsr-email-signature



Please consider the environment before printing this email

From: MCDONAGH Keara [Keara.Mcdonagh@ehp.qld.gov.au]
Sent: Tuesday, 25 November 2014 3:34 PM
To: LITTLE Scott (DNRM)
Subject: RE: Alert - Gassy landholder water bore (20km South of Chinchilla)

Follow Up Flag: Follow up
Flag Status: Flagged

Thank you Scott.

In your email you mention *Origin* have taken initiative but is the bore on an *arrow Energy* tenure?

It does look like the Lot/Plan overlaps PL272 (APLNG, i.e. Origin) and PL253 (Arrow).

Thanks, Keara.

Keara McDonagh

Principal Environmental Officer (Intelligence), Petroleum, Gas and Compliance
Environmental Services and Regulation
Department of Environment and Heritage Protection
Level 7 | 400 George Street | Brisbane
Tel 07 3330 5618
www.ehp.qld.gov.au
nprsr-email-signature



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Scott Little

CSG Compliance Unit
Department of Natural Resources and Mines
Telephone: 07 4529 1330
Mobile: [redacted] - Personal Information
Email: scott.little@dnrm.qld.gov.au
203 Tor Street, Toowoomba Qld 4350
PO Box 318, Toowoomba Qld 4350

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RTI DL RELEASE - EHP

From: MCDONAGH Keara [Keara.Mcdonagh@ehp.qld.gov.au]
Sent: Tuesday, 25 November 2014 3:35 PM
To: LITTLE Scott (DNRM)
Subject: RE: Alert - Gassy landholder water bore (20km South of Chinchilla)

Follow Up Flag: Follow up
Flag Status: Flagged

Oh and have you sent your alert to Anne Lenz?

Thanks, Keara.

Keara McDonagh

Principal Environmental Officer (Intelligence), Petroleum, Gas and Compliance
Environmental Services and Regulation
Department of Environment and Heritage Protection
Level 7 | 400 George Street | Brisbane
Tel 07 3330 5618
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Scott Little

CSG Compliance Unit
Department of Natural Resources and Mines
Telephone: 07 4529 1330
Mobile: Personal Information
Email: scott.little@dnrm.qld.gov.au
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Keara McDonagh

Principal Environmental Officer (Intelligence), Petroleum, Gas and Compliance

Environmental Services and Regulation

Department of Environment and Heritage Protection

Level 7 | 400 George Street | Brisbane

Tel 07 3330 5618

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nprsr-email-signature



Please consider the environment before printing this email

RTI DL RELEASE - EHP

From: MCDONAGH Keara [Keara.Mcdonagh@ehp.qld.gov.au]
Sent: Tuesday, 25 November 2014 4:37 PM
To: WALL Kate
Subject: FW: Alert - Gassy landholder water bore (20km South of Chinchilla)
Attachments: CSGCU Update -Hopeland Gassy Bore.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Kate,

Scott has forwarded the alert they've written, please find attached.

I've emailed him asking if this has gone to Anne Lenz but have not heard back as yet.

I spoke to John Hughes to get a bit more clarity on the issue and have updated my dot points, I will forward them shortly.

Thanks, Keara.

Keara McDonagh

Principal Environmental Officer (Intelligence), Petroleum, Gas and Compliance
Environmental Services and Regulation
Department of Environment and Heritage Protection
Level 7 | 400 George Street | Brisbane
Tel 07 3330 5618
www.ehp.qld.gov.au
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Scott Little

CSG Compliance Unit
Department of Natural Resources and Mines
Telephone: 07 4529 1330
Mobile: [redacted] - Personal Information
Email: scott.little@dnrm.qld.gov.au
203 Tor Street, Toowoomba Qld 4350
PO Box 318, Toowoomba Qld 4350

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Keara.

Keara McDonagh

Principal Environmental Officer (Intelligence), Petroleum, Gas and Compliance

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RTI DL RELEASE - EHP

HOPELAND LANDHOLDER'S GASSY WATER BORE

WHO: Arrow Energy
WHAT: Gassy landholder water bore – safety and land degradation concerns
WHERE: Hopeland – ATP676 (approximately 20km South West of Chinchilla)
WHEN: Initial notification 20 November 2014
WHY: Community concern regarding safety of landholder bores and damage to aquifers

SUMMARY OF ACTIVITY:

- The CSG Compliance Unit was made aware of a landholder bore which was showing increased signs of gas and spraying water several metres in the air late Thursday, 20 November 2014.
- The landholder had safety concerns with increased gas emissions and land degradation concerns due to brackish water spraying on the land.
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- Arrow Energy is the holder of the exploration tenure on which the bore is located. A representative from Arrow Energy attended the inspection.
- It was determined that the bore was **not** emitting gas at unsafe levels and that no ignition source was present.
- The landholder advised that water had ceased spraying from the bore at 5:30am on Friday the 21 November 2014.
- Landholder has been advised to avoid close proximity to the bore.
- The bore is located within the locality of Hopeland, approximately 20km south of Chinchilla.
- The nearest CSG wells are located approximately 1.2km from the bore. These are Arrow Energy appraisal wells which were drilled from 2001 to 2005.
- The nearest producing field is Origin Energy's Orana field, located approximately 8km to the south west of the bore.
- There is anecdotal evidence of the bore having a gaseous history.
- DNRM is working closely with Arrow Energy, as the tenure holder, and Origin Energy to progress the issue.
- Origin Energy have proactively contacted the landholder and initiated discussions on bore remediation.

POTENTIAL IMPACTS:

- Increased community concern with regards to safety in the locality of Hopeland.
- Decreased community confidence in the regulation and social licence for the CSG to LNG industry.
- Increased media attention.

GOVERNMENT RESPONSE:

- CSGCU is continuing to investigate and monitor the bore to ensure an appropriate response
- CSGCU Update to DPC, DEHP, DAFF, GasFields Commission and across DNRM.

COMPANY'S PROPOSED ACTIONS

Briefing Officer: Scott Little	Telephone: (07) 45291330	Date: 25/11/2014
Approving Officer: David Free	Telephone: (07) 45291275	Date: 25/11/2014

- Origin Energy and Arrow Energy to continue working closely with DNRM.
- Origin Energy to continue working with the landholder to progress bore remediation.

NEXT UPDATE ON INCIDENT EXPECTED:

- As required.

COMMUNICATION:

- Lock the Gate and the Hopeland Community Sustainability Group have distributed media releases which refer to the matter.
- No further communication planned at this stage.

MAP OR PLAN OF SITE:

- 20km South West of Chinchilla (Hopeland)



Photo of bore



Briefing Officer: Scott Little	Telephone: (07) 45291330	Date: 25/11/2014
Approving Officer: David Free	Telephone: (07) 45291275	Date: 25/11/2014

From: MCDONAGH Keara [Keara.Mcdonagh@ehp.qld.gov.au]
Sent: Tuesday, 25 November 2014 4:44 PM
To: WALL Kate
Subject: FW: Media Release - Water Bore Blows

Follow Up Flag: Follow up
Flag Status: Flagged

Updated dot points.

Keara McDonagh

Principal Environmental Officer (Intelligence), Petroleum, Gas and Compliance
Environmental Services and Regulation
Department of Environment and Heritage Protection
Level 7 | 400 George Street | Brisbane
Tel 07 3330 5618
www.ehp.qld.gov.au
nprsr-email-signature



Please consider the environment before printing this email

From: MCDONAGH Keara
Sent: Tuesday, 25 November 2014 3:30 PM
To: WALL Kate
Subject: RE: Media Release - Water Bore Blows

Hi Kate,

Please find below the dot points I've put together for this issue: Gassy landholder water bore.

Would you like me to complete an ESR Alert once I have further detail from Scott Little?

Thanks, Keara.

- On 20/11/2014, a 2 meter high spray of water released into the air from a landholder's bore located on PL253, approx. 20km south of Chinchilla.
- Arrow Energy is principal holder of PL253.
- Description of water released was salty/brackish with high pH.
- The bore is 40km from Arrow Energy's closest production site.
- The bore is 8km from Origin Energy's closest production site.
- Origin Energy have taken the initiative to lead and are negotiating to plug and abandon the bore.
- DNRM, CSG Compliance Unit (Scott Little and John Hughes) coordinated response to the event.
- Groundwater Investigation Assessment Team were requested to respond to the site am 21/11/2014.
- On 24/11/2014, EHP received a media release from Hopeland Community Sustainability Group (HCSG) via email.
 - Release is reporting on this incident.
 - Release makes the statement: *This event spells the death of all bores in the Walloons. This spells the impending death of the Aquifer. Which Aquifer is next?*
 - The release was emailed to an undisclosed list of recipients

- On 24/11/2014, DNRM met with Arrow Energy to discuss appropriate course of action to resolve issue, including plug and abandon bore in a timely manner.
- EHP are in correspondence with DNRM, CSG Compliance Unit to determine appropriate EHP response.
 - EHP in correspondence:
 - Sarah Horton (Toowoomba, South QLD Compliance); and
 - Justin Carpenter (RSR&S) to determine whether response under Chapter 3 of the Water Act is appropriate (i.e. a direction order to conduct a baseline assessment).
- Chief Stephen Matheson was requested to arrange for Inspectorate response.
- Commissioner Ian Hayllor has been made aware of the bore.
- Upon notification of the incident, on 20/11/2014, Landholder advised that Arrow employees are not allowed to go "near" the bore.
- There are Arrow CSG wells within 800m of the bore.
- Landholder advised:
 - wants the water stopped prior to weekend - concerned about safety and land degradation.
 - have been able to hear bubbling within 100m of the bore for the past 3 years.
- Landholder: s.49 - Personal Information
- Location:
 - s.49 - Personal Information
 - s.49 - Personal Information

Keara McDonagh

Principal Environmental Officer (Intelligence), Petroleum, Gas and Compliance
 Environmental Services and Regulation
 Department of Environment and Heritage Protection
 Level 7 | 400 George Street | Brisbane
 Tel 07 3330 5618
www.ehp.qld.gov.au
 nprsr-email-signature



Please consider the environment before printing this email

From: WALL Kate
Sent: Tuesday, 25 November 2014 12:45 PM
To: MCDONAGH Keara
Subject: RE: Media Release - Water Bore Blows

Hi Keara,

Some dot points rather than alert will be sufficient I think. Just so she is not surprised when the alert comes through.

Cheers,
Kate Wall
 Director, Petroleum, Gas and Compliance
 Environmental Services and Regulation
 Department of Environment and Heritage Protection
 Level 7 | 400 George Street | Brisbane
 Tel 07 3330 5534
www.ehp.qld.gov.au

Please consider the environment before printing this email

From: MCDONAGH Keara
Sent: Tuesday, 25 November 2014 11:44 AM
To: WALL Kate
Subject: RE: Media Release - Water Bore Blows

Hi Kate,

I called Scott Little to finish our conversation from yesterday where I was trying to get more info from him. (I was actually trying to pre-empt things and started to prepare an alert yesterday).

Today, Scott advised he is in the process of writing an alert on this issue that will give me the info I am chasing so he will send it through to me.

He is acting in the manager role for DNRM's CSG Compliance Unit at the moment so he also advised that he believes the person that usually sits in that position would normally cc Anne Lenz into such an alert so he will probably send it to her too.

I need info from him to fully complete our ESR alert on this matter.

At this stage, would you like me to put together our alert stating we're awaiting more info?

Thanks, Keara.

Keara McDonagh

Principal Environmental Officer (Intelligence), Petroleum, Gas and Compliance
Environmental Services and Regulation
Department of Environment and Heritage Protection
Level 7 | 400 George Street | Brisbane
Tel 07 3330 5618
www.ehp.qld.gov.au
nprsr-email-signature



Please consider the environment before printing this email

From: WALL Kate
Sent: Tuesday, 25 November 2014 10:56 AM
To: MCDONAGH Keara
Subject: FW: Media Release - Water Bore Blows

Keara,

Could you please put together an ESR Alert on this matter and include the media release as an attachment.

If you could get it back to me today I would appreciate it.

Cheers,
Kate Wall
Director, Petroleum, Gas and Compliance
Environmental Services and Regulation
Department of Environment and Heritage Protection
Level 7 | 400 George Street | Brisbane
Tel 07 3330 5534
www.ehp.qld.gov.au
[ehp-email-signature](#)



Please consider the environment before printing this email

From: HORTON Sarah
Sent: Tuesday, 25 November 2014 9:35 AM
To: BLANCHARD Scott
Cc: SPALDING Rob; WALL Kate; CONNOR Andrew
Subject: FW: Media Release - Water Bore Blows

Hi Scott

FYI – before Bryce [REDACTED] he was keen to know what involvement we have in this issue – email traffic below outlines this.

Rob, can you please advise if and when we do engage on this one re. EA conditions.

Thanks

Regards
Sarah

From: LITTLE Scott (DNRM)
Sent: Monday, 24 November 2014 5:40 PM
To: SPALDING Rob
Cc: BROWN Ruth; HORTON Sarah
Subject: RE: Media Release - Water Bore Blows

G'day Rob

Will attempt to give you a bell in the morning for a full verbal debrief. Has been relatively hectic today dealing the fallout from the inspection last Friday and the relevant media from Shae/LTG.

Whilst not specifically related to any EA conditions, Arrow are keen for this particular bore to be brought in under Ch 3 of the water act. Have been in discussions with Justin Carpenter later this afternoon

cheers

Scott Little

CSG Compliance Unit

Department of Natural Resources and Mines

Telephone: 07 4529 1330

Mobile: [REDACTED]
14-258

Email: scott.little@dnrm.qld.gov.au
203 Tor Street, Toowoomba Qld 4350
PO Box 318, Toowoomba Qld 4350

From: SPALDING Rob
Sent: Monday, 24 November 2014 5:17 PM
To: LITTLE Scott (DNRM)
Cc: BROWN Ruth; HORTON Sarah
Subject: FW: Media Release - Water Bore Blows

Hi Scott,

Sorry to be a pain but I am hoping that you might be able to give us an update on the outcomes of the complaints/allegations made by Shay Dougall and others regarding the reports of a gassy landholder's bore at Hopeland.

From the information that we have received I understand that this is not an "incident" that requires EHP attention in regard to EA conditions or any environmental compliance action. But I do expect that one or more of the landholders at Hopeland will eventually raise their concerns about this issue with EHP and it would be helpful for us to have some record of the DNRM investigations and findings on the matter to assist us with our response (if one is required at some future date).

There is no need to prepare anything for us in particular, but if you could keep us in the loop by sending to us a copy of any briefings or other material that describes any conclusions/recommendations made by the P&G Inspectorate or MAPO or your CSGCU in due course that would be appreciated.

Alternatively, if you have the time to give one of us a call to discuss how it had been dealt with, that would also be appreciated.

Thanks & Regards, Rob

Rob Spalding

Principal Environmental Officer
South Queensland Compliance (Toowoomba)
Environmental Services - Southern Region
Department of Environment and Heritage Protection
173 Hume Street, Toowoomba QLD 4350
P.O. Box 731 Toowoomba QLD 4350
Ph: (07) 46994349
www.ehp.qld.gov.au



From: MCDONAGH Keara
Sent: Monday, 24 November 2014 1:14 PM
To: SPALDING Rob; HORTON Sarah; BROWN Ruth
Subject: FW: Media Release - Water Bore Blows

Hi,

As discussed with Rob just now, please find attached a media release by Hopeland Community Sustainability Group regarding a "bore blow-out" for your information.

It's not clear from the release as to whether the bore in question is the same bore the subject of the attached alert from DNRM's CSG Compliance Unit. I have left a message with Scott Little (Manager, CSG Compliance Unit, DNRM) to call me back on this issue. I'll keep you posted with his response.

Cheers,

Keara McDonagh

Principal Environmental Officer (Intelligence), Petroleum, Gas and Compliance
Environmental Services and Regulation
Department of Environment and Heritage Protection
Level 7 | 400 George Street | Brisbane
Tel 07 3330 5618
www.ehp.qld.gov.au
nprsr-email-signature



Please consider the environment before printing this email

From: NAYLOR Gillian
Sent: Monday, 24 November 2014 9:31 AM
To: MCDONAGH Keara
Cc: BAKER Tony
Subject: FW: Media Release - Water Bore Blows

Keara, as discussed. I've been talking with Shay recently, but not about this issue.

Gillian Naylor

Team Leader, Petroleum and Gas | Petroleum, Gas and Compliance
Environmental Services and Regulation
Department of Environment and Heritage Protection
Level 7 | 400 George Street | Brisbane
Tel 07 3330 5620
www.ehp.qld.gov.au
ehp-email-signature



From: Shay Dougall [<mailto:shay@mollifwell.com.au>]
Sent: Monday, 24 November 2014 8:57 AM
Subject: Media Release - Water Bore Blows

Hi everyone, for your info, this is a media release I have prepared and distributed.

Regards

--

Shay Dougall
0746654072

From: MCDONAGH Keara [Keara.Mcdonagh@ehp.qld.gov.au]
Sent: Tuesday, 25 November 2014 4:49 PM
To: HUGHES John
Subject: FW: Media Release - Water Bore Blows
Attachments: Media Release 23 Nov 2014 - Hopeland Water Bore Blows.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Hi John

As discussed just now, please find attached a media release by Hopeland Community Sustainability Group regarding a "bore blow-out" for your information.

I understand from speaking with you just now that the bore the subject of this media release is the same bore you've responded to and we discussed just now, i.e. bores.49 - Personal Information

Cheers,

Keara McDonagh

Principal Environmental Officer (Intelligence), Petroleum, Gas and Compliance
Environmental Services and Regulation
Department of Environment and Heritage Protection
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Scott Little

CSG Compliance Unit

Department of Natural Resources and Mines

Telephone: 07 4529 1330

Mobile: [REDACTED] - Personal Information

Email: scott.little@dnrm.qld.gov.au

203 Tor Street, Toowoomba Qld 4350

PO Box 318, Toowoomba Qld 4350

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Cc: BROWN Ruth; HORTON Sarah

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Hi Scott,

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Alternatively, if you have the time to give one of us a call to discuss how it had been dealt with, that would also be appreciated.

Thanks & Regards, Rob

Rob Spalding

Principal Environmental Officer

South Queensland Compliance (Toowoomba)

Environmental Services - Southern Region

Department of Environment and Heritage Protection

173 Hume Street, Toowoomba QLD 4350



From: MCDONAGH Keara
Sent: Monday, 24 November 2014 1:14 PM
To: SPALDING Rob; HORTON Sarah; BROWN Ruth
Subject: FW: Media Release - Water Bore Blows

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Cheers,

Keara McDonagh

Principal Environmental Officer (Intelligence), Petroleum, Gas and Compliance
Environmental Services and Regulation
Department of Environment and Heritage Protection
Level 7 | 400 George Street | Brisbane
Tel 07 3330 5618
www.ehp.qld.gov.au
nprsr-email-signature



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Sent: Monday, 24 November 2014 9:31 AM
To: MCDONAGH Keara
Cc: BAKER Tony
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Gillian Naylor

Team Leader, Petroleum and Gas | Petroleum, Gas and Compliance
Environmental Services and Regulation
Department of Environment and Heritage Protection
Level 7 | 400 George Street | Brisbane
Tel 07 3330 5620
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From: Shay Dougall [<mailto:shay@molliwell.com.au>]
Sent: Monday, 24 November 2014 8:57 AM
Subject: Media Release - Water Bore Blows

Hi everyone, for your info, this is a media release I have prepared and distributed.

Regards

--

Shay Dougall
0746654072

RTI DL RELEASE - EHP



Hopeland experiences taste of dry future

On Thursday 20 November 2014 at approximately 6.30pm an old bore that had been disused but stable for 30 year inexplicably let out a loud bang and followed with an almighty gush of water and gas 6 foot into the air. It then continued to release water (including from outside of the casing) for another day. Now it sits with nothing much to indicate anything had happened other than an interesting thin white crust on the ground, and the eerie sound of gas rushing out of it and a side to side movement to the casing.

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Media Release

23 November 2014



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The bores in Hopeland will start blowing, then the aquifer will be ruined and what of the farmer?

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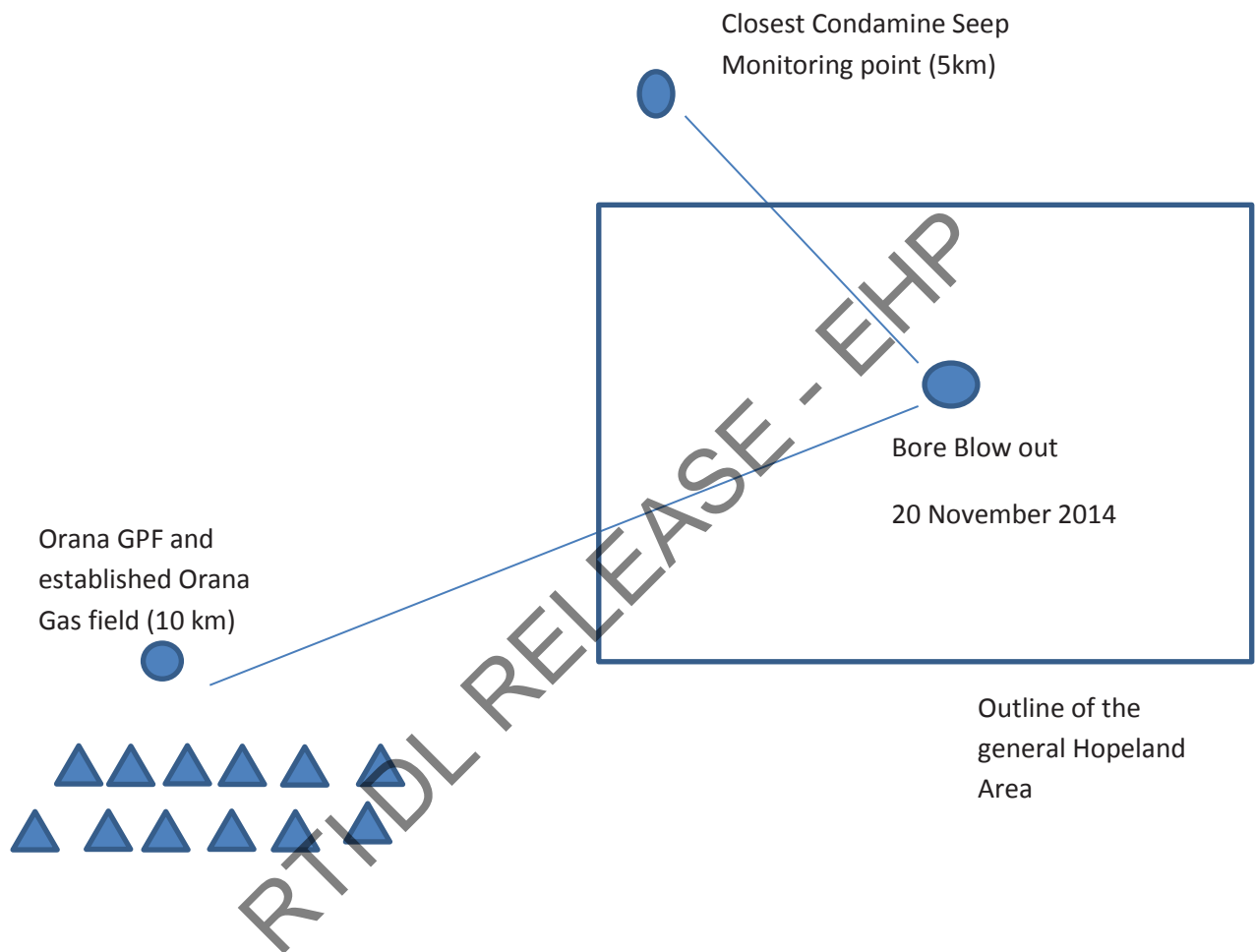
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So I guess that means that our perspective is all wrong in the staunch and beautiful strategic cropping country that is Hopeland:

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- That the farmers and cattle and crops currently enjoying quite paddocks and hard work everywhere, should be advised, there is no safety risk or emergency associated with the possibility of operating bores or disused bores inexplicably blowing water and gas 6 foot into the air.
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- The next helpful activity from the CSG Companies and the Government will be to make farmers go out and foot the bill for the time, expense and danger of shutting in the now free flowing gas wells they have on their properties to stop the wasteful release of 'their' gas.

ENDS



From: WALL Kate [Kate.Wall@ehp.qld.gov.au]
Sent: Tuesday, 13 January 2015 10:16 AM
To: YOUNG Jenny
Subject: FW: Media Release - Water Bore Blows

Hi Jenny,

This is all I have in relation to the Hopeland issue.

Cheers,

Kate Wall

Manager (Compliance), Petroleum, Gas and Compliance
Environmental Services and Regulation
Department of Environment and Heritage Protection
Level 7 | 400 George Street | Brisbane
Tel 07 3330 5683 | **Email** ComplianceManPandG@ehp.qld.gov.au

www.ehp.qld.gov.au

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Please consider the environment before printing this email

From: MCDONAGH Keara
Sent: Tuesday, 25 November 2014 4:45 PM
To: WALL Kate
Subject: FW: Media Release - Water Bore Blows

Updated dot points.

Keara McDonagh

Principal Environmental Officer (Intelligence), Petroleum, Gas and Compliance
Environmental Services and Regulation
Department of Environment and Heritage Protection
Level 7 | 400 George Street | Brisbane
Tel 07 3330 5618

www.ehp.qld.gov.au

nprsr-email-signature



Please consider the environment before printing this email

From: MCDONAGH Keara
Sent: Tuesday, 25 November 2014 3:30 PM
To: WALL Kate
Subject: RE: Media Release - Water Bore Blows

Hi Kate,

Please find below the dot points I've put together for this issue: Gassy landholder water bore.

Would you like me to complete an ESR Alert once I have further detail from Scott Little?

Thanks, Keara.

- On 20/11/2014, a 2 meter high spray of water released into the air from a landholder's bore located on PL253, approx. 20km south of Chinchilla.
- Arrow Energy is principal holder of PL253.
- Description of water released was salty/brackish with high pH.
- The bore is 40km from Arrow Energy's closest production site.
- The bore is 8km from Origin Energy's closest production site.
- Origin Energy have taken the initiative to lead and are negotiating to plug and abandon the bore.
- DNRM, CSG Compliance Unit (Scott Little and John Hughes) coordinated response to the event.
- Groundwater Investigation Assessment Team were requested to respond to the site am 21/11/2014.
- On 24/11/2014, EHP received a media release from Hopeland Community Sustainability Group (HCSG) via email.
 - Release is reporting on this incident.
 - Release makes the statement: *This event spells the death of all bores in the Walloons. This spells the impending death of the Aquifer. Which Aquifer is next?*
 - The release was emailed to an undisclosed list of recipients
- On 24/11/2014, DNRM met with Arrow Energy to discuss appropriate course of action to resolve issue, including plug and abandon bore in a timely manner.
- EHP are in correspondence with DNRM, CSG Compliance Unit to determine appropriate EHP response.
 - EHP in correspondence:
 - Sarah Horton (Toowoomba, South QLD Compliance), and
 - Justin Carpenter (RSR&S) to determine whether response under Chapter 3 of the Water Act is appropriate (i.e. a direction order to conduct a baseline assessment).
- Chief Stephen Matheson was requested to arrange for Inspectorate response.
- Commissioner Ian Hayllor has been made aware of the bore.
- Upon notification of the incident, on 20/11/2014, Landholder advised that Arrow employees are not allowed to go "near" the bore.
- There are Arrow CSG wells within 800m of the bore.
- Landholder advised:
 - wants the water stopped prior to weekend - concerned about safety and land degradation.
 - have been able to hear bubbling within 100m of the bore for the past 3 years.
- Landholder: s.49 - Personal Information
- Location:

s.49 - Personal Information

Keara McDonagh

Principal Environmental Officer (Intelligence), Petroleum, Gas and Compliance

Environmental Services and Regulation

Department of Environment and Heritage Protection

Level 7 | 400 George Street | Brisbane

Tel 07 3330 5618

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nprsr-email-signature



From: WALL Kate
Sent: Tuesday, 25 November 2014 12:45 PM
To: MCDONAGH Keara
Subject: RE: Media Release - Water Bore Blows

Hi Keara,

Some dot points rather than alert will be sufficient I think. Just so she is not surprised when the alert comes through.

Cheers,
Kate Wall
Director, Petroleum, Gas and Compliance
Environmental Services and Regulation
Department of Environment and Heritage Protection
Level 7 | 400 George Street | Brisbane
Tel 07 3330 5534
www.ehp.qld.gov.au
ehp-email-signature



Please consider the environment before printing this email

From: MCDONAGH Keara
Sent: Tuesday, 25 November 2014 11:44 AM
To: WALL Kate
Subject: RE: Media Release - Water Bore Blows

Hi Kate,

I called Scott Little to finish our conversation from yesterday where I was trying to get more info from him. (I was actually trying to pre-empt things and started to prepare an alert yesterday).

Today, Scott advised he is in the process of writing an alert on this issue that will give me the info I am chasing so he will send it through to me.

He is acting in the manager role for DNRm's CSG Compliance Unit at the moment so he also advised that he believes the person that usually sits in that position would normally cc Anne Lenz into such an alert so he will probably send it to her too.

I need info from him to fully complete our ESR alert on this matter.

At this stage, would you like me to put together our alert stating we're awaiting more info?

Thanks, Keara.

Keara McDonagh
Principal Environmental Officer (Intelligence), Petroleum, Gas and Compliance
Environmental Services and Regulation
Department of Environment and Heritage Protection
Level 7 | 400 George Street | Brisbane

Tel 07 3330 5618
www.ehp.qld.gov.au
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Please consider the environment before printing this email

From: WALL Kate
Sent: Tuesday, 25 November 2014 10:56 AM
To: MCDONAGH Keara
Subject: FW: Media Release - Water Bore Blows

Keara,

Could you please put together an ESR Alert on this matter and include the media release as an attachment.

If you could get it back to me today I would appreciate it.

Cheers,

Kate Wall

Director, Petroleum, Gas and Compliance
Environmental Services and Regulation
Department of Environment and Heritage Protection
Level 7 | 400 George Street | Brisbane
Tel 07 3330 5534

www.ehp.qld.gov.au
ehp-email-signature



Please consider the environment before printing this email

From: HORTON Sarah
Sent: Tuesday, 25 November 2014 9:35 AM
To: BLANCHARD Scott
Cc: SPALDING Rob; WALL Kate; CONNOR Andrew
Subject: FW: Media Release - Water Bore Blows

Hi Scott

FYI – before Bryce [redacted] was keen to know what involvement we have in this issue – email traffic below outlines this.

Rob, can you please advise if and when we do engage on this one re. EA conditions.

Thanks

Regards

Sarah

From: LITTLE Scott (DNRM)
Sent: Monday, 24 November 2014 5:40 PM
To: SPALDING Rob

Cc: BROWN Ruth; HORTON Sarah
Subject: RE: Media Release - Water Bore Blows

G'day Rob

Will attempt to give you a bell in the morning for a full verbal debrief. Has been relatively hectic today dealing the fallout from the inspection last Friday and the relevant media from Shae/LTG.

Whilst not specifically related to any EA conditions, Arrow are keen for this particular bore to be brought in under Ch 3 of the water act. Have been in discussions with Justin Carpenter later this afternoon

cheers

Scott Little

CSG Compliance Unit

Department of Natural Resources and Mines

Telephone: 07 4529 1330

Mobile: [REDACTED] - Personal Information

Email: scott.little@dnrm.qld.gov.au

203 Tor Street, Toowoomba Qld 4350

PO Box 318, Toowoomba Qld 4350

From: SPALDING Rob
Sent: Monday, 24 November 2014 5:17 PM
To: LITTLE Scott (DNRM)
Cc: BROWN Ruth; HORTON Sarah
Subject: FW: Media Release - Water Bore Blows

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South Queensland Compliance (Toowoomba)
Environmental Services - Southern Region
Department of Environment and Heritage Protection

173 Hume Street, Toowoomba QLD 4350
P.O. Box 731 Toowoomba QLD 4350
Ph: (07) 46994349
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Subject: FW: Media Release - Water Bore Blows

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Media Release

23 November 2014



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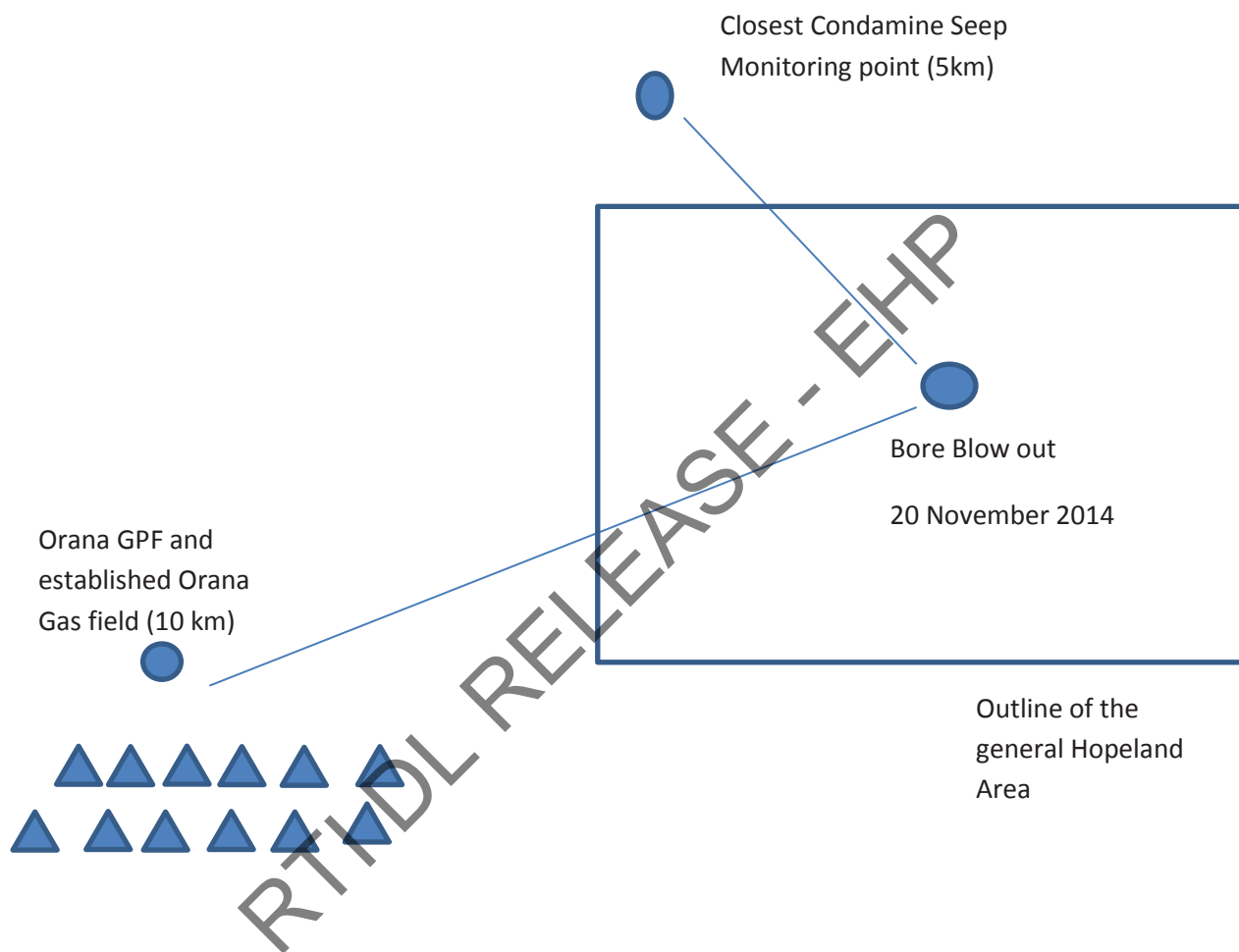
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ENDS



HOPELAND LANDHOLDER'S GASSY WATER BORE

WHO: Arrow Energy
WHAT: Gassy landholder water bore – safety and land degradation concerns
WHERE: Hopeland – ATP676 (approximately 20km South West of Chinchilla)
WHEN: Initial notification 20 November 2014
WHY: Community concern regarding safety of landholder bores and damage to aquifers

SUMMARY OF ACTIVITY:

- The CSG Compliance Unit was made aware of a landholder bore which was showing increased signs of gas and spraying water several metres in the air late Thursday, 20 November 2014.
- The landholder had safety concerns with increased gas emissions and land degradation concerns due to brackish water spraying on the land.
- DNRM undertook an inspection of the site on Friday 21 November 2014. Staff from the Petroleum and Gas Safety Inspectorate and the CSG Compliance Unit's Groundwater Investigation and Assessment Team and CSG Engagement Team attended the inspection.
- Arrow Energy is the holder of the exploration tenure on which the bore is located. A representative from Arrow Energy attended the inspection.
- It was determined that the bore was **not** emitting gas at unsafe levels and that no ignition source was present.
- The landholder advised that water had ceased spraying from the bore at 5:30am on Friday the 21 November 2014.
- Landholder has been advised to avoid close proximity to the bore.
- The bore is located within the locality of Hopeland, approximately 20km south of Chinchilla.
- The nearest CSG wells are located approximately 1.2km from the bore. These are Arrow Energy appraisal wells which were drilled from 2001 to 2005.
- The nearest producing field is Origin Energy's Orana field, located approximately 8km to the south west of the bore.
- There is anecdotal evidence of the bore having a gaseous history.
- DNRM is working closely with Arrow Energy, as the tenure holder, and Origin Energy to progress the issue.
- Origin Energy have proactively contacted the landholder and initiated discussions on bore remediation.

POTENTIAL IMPACTS:

- Increased community concern with regards to safety in the locality of Hopeland.
- Decreased community confidence in the regulation and social licence for the CSG to LNG industry.
- Increased media attention.

GOVERNMENT RESPONSE:

- CSGCU is continuing to investigate and monitor the bore to ensure an appropriate response
- CSGCU Update to DPC, DEHP, DAFF, GasFields Commission and across DNRM.

COMPANY'S PROPOSED ACTIONS

Briefing Officer: Scott Little	Telephone: (07) 45291330	Date: 25/11/2014
Approving Officer: David Free	Telephone: (07) 45291275	Date: 25/11/2014

- Origin Energy and Arrow Energy to continue working closely with DNRM.
- Origin Energy to continue working with the landholder to progress bore remediation.

NEXT UPDATE ON INCIDENT EXPECTED:

- As required.

COMMUNICATION:

- Lock the Gate and the Hopeland Community Sustainability Group have distributed media releases which refer to the matter.
- No further communication planned at this stage.

MAP OR PLAN OF SITE:

- 20km South West of Chinchilla (Hopeland)



Photo of bore



Briefing Officer: Scott Little	Telephone: (07) 45291330	Date: 25/11/2014
Approving Officer: David Free	Telephone: (07) 45291275	Date: 25/11/2014