

FW: BGA and biological testing for Hazelwood Cooling Pond

ICC-Hazelwood (Incident Control)

Sent: Monday, 3 March 2014 3:21 PM**To:** RCC-GIP (Strategic Unit-Haz)**Importance:** High

Hi Barry,

Think this is something that you should be across.

Cheers,

Kristy

From: SCC-Vic (SCT Executive Officer)**Sent:** Monday, 3 March 2014 2:02 PM**To:** RCC-GIP (Regional Controller - Mines Hazmat/Fire); ICC-Hazelwood (Incident Control)**Cc:** ESC-FSC (Craig Lapsley); Euan Ferguson; ESC-FSC (Tony Murphy); ESC-DEPI/NEO (Alan Goodwin); ESC-MFB (Peter Rau); ESC-SES (Trevor White)**Subject:** FW: BGA and biological testing for Hazelwood Cooling Pond

FYI

SCC-Vic (SCT Executive Officer)

State Control Centre | 8 Nicholson Street East Melbourne Victoria 3002

Ph: (03) 9032-3600 | Fax: 1300 13 4488 | DX: 210098

Email: sccvic.eo@scc.vic.gov.au | Web: <http://www.scc.vic.gov.au>

From: SCC-Vic (OH&S Executive Advisor)**Sent:** Monday, 3 March 2014 1:45 PM**To:** SCC-Vic (SCT Executive Officer)**Cc:** Jeff Green**Subject:** RE: BGA and biological testing for Hazelwood Cooling Pond

Hello

Could we please ensure that this information is understood clearly by the Hazelwood RCC and personnel on site. The following, is an extract of the below EMAIL.

A preliminary of the supplied test reports shows the presence of

- > toxin producing cyanobacteria in the source water. In the first
- > instance it is important that all personnel with potential for contact
- > with the water should wear adequate PPE. Waterproof gloves should be
- > warm to avoid dermal contact and P2 face masks (or better) be worn
- > where any splashing, spraying, misting or aerosolisation of the water
- > can occur.
- >
- > 2) Currently, the water body should be treated as not safe for
- > recreational use.
- >
- > 3) I will provide a summary report to you on Wednesday 5/03/14.
- >
- > 4) I will provide an interim health risk assessment and management
- > plan to you on Friday 07/03/14 pending further data collection.

Dr Richard Bentham

- > Adjunct Associate Professor, Public Health Microbiology Faculty of
- > Science and Engineering School of the Environment Flinders University
- > PO Box 2100 Adelaide 5001

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From: Jeff Green
Sent: Monday, 3 March 2014 11:59 AM
To: Jane Wadsley
Cc: 'Michael Sargeant'; SCC-Vic (OH&S Executive Advisor)
Subject: FW: BGA and biological testing for Hazelwood Cooling Pond

FYI

Regards

Jeff Green Manager Workplace Health and Safety
CFA Headquarters - People & Culture 8 Lakeside Drive East Burwood Vic 3151
T: 03 92628395 M: 0419 877 725 F: 03 9262 8507 E:
j.green@cfa.vic.gov.au
Protecting lives and property

cfa.vic.gov.au

-----Original Message-----

From: Robert Golec [<mailto:RGolec@amcosh.com.au>]
Sent: Monday, 3 March 2014 11:58 AM
To: Craig Brownlie; RCC-GIP (Strategic Unit-Haz)
Cc: Jeff Green; 'Michael.S@phm.org.au'
Subject: FW: BGA and biological testing for Hazelwood Cooling Pond
Importance: High

Greeting all,

Craig Brownlie (DIC) sent through on Saturday some microbiological testing (E.Coli, enterococci, pseudomonas and cyanobacteria) results for the pondage area which is being used as a source of fire fighting water. I have engaged Dr Richard Bentham (Associate Professor, Public Health Microbiology Faculty of Science and Engineering School of the Environment Flinders University) to review the results as I felt I lacked the expertise to do so. Richard has had a preliminary look and has preliminarily advised that persons contacting the water should wear appropriate PPE as per his email below. The issue appears to be the cyanobacterial counts as they indicate the potential presence of a blue-green algal bloom and possibly associated toxins in the water.

Regards

Robert Golec

> -----Original Message-----

> From: Richard Bentham [<mailto:richard.bentham@flinders.edu.au>]
> Sent: Monday, March 03, 2014 10:46 AM
> To: Robert Golec
> Subject: RE: BGA and biological testing for Hazelwood Cooling Pond

>

> Hi Rob,

>

> as discussed this morning I wish to confirm four items:

FW: BGA and biological testing for Hazelwood Cooling Pond

>
> 1) A preliminary of the supplied test reports shows the presence of
> toxin producing cyanobacteria in the source water. In the first
> instance it is important that all personnel with potential for contact
> with the water should wear adequate PPE. Waterproof gloves should be
> worn to avoid dermal contact and P2 face masks (or better) be worn
> where any splashing, spraying, misting or aerosolisation of the water
> can occur.
>
> 2) Currently, the water body should be treated as not safe for
> recreational use.
>
> 3) I will provide a summary report to you on Wednesday 5/03/14.
>
> 4) I will provide an interim health risk assessment and management
> plan to you on Friday 07/03/14 pending further data collection.

> cheers,

> Richard

> 'The essential things are always invisible to the eye' ~ St. Exupery
> ~

> Dr Richard Bentham
> Adjunct Associate Professor, Public Health Microbiology Faculty of
> Science and Engineering School of the Environment Flinders University
> PO Box 2100 Adelaide 5001

> Tel: 0408807607
> (Int.+61 408 807 607)
> Email richard.bentham@flinders.edu.au

> <http://www.flinders.edu.au/people/richard.bentham>

> _____
> From: Robert Golec <RGolec@amcosh.com.au>
> Sent: Sunday, 2 March 2014 5:24 PM
> To: Richard Bentham
> Subject: FW: BGA and biological testing for Hazelwood Cooling Pond

> Richard,

> Please find attached the test results. Please treat these as
> confidential for the time being.

> Cheers

> Rob

> Robert Golec
> Principal Occupational Hygienist
> AMCOSH Pty Ltd
> PO Box 686 | Suites 3&4/112 Synnot Street | Werribee VIC 3030 p +61
> (0)3 9731 1744 m +61 (0)413 611 075 f +61 (0)3 9742 2098 e
> rgolec@amcosh.com.au | www.amcosh.com.au

> _____
> From: Craig Brownlie [C.Brownlie@cfa.vic.gov.au]
> Sent: Saturday, 1 March 2014 11:47 AM
> To: Robert Golec

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> Subject: FW: BGA and biological testing for Hazelwood Cooling Pond
>
> Robert,
>
> Can you please review and provide advice on the above reports.
>
> Regards
>
> Craig Brownlie
>
> Specialist Response Officer
> Fire & Emergency Management,
> CFA HQ 8 Lakeside Dve, Burwood East 3151
> T: 03 9262 8493 M: 0419 551 878 E:c.brownlie@cfa.vic.gov.au
>
> From: Martin OShaughnessy [<mailto:Martin.OShaughnessy@epa.vic.gov.au>]
> Sent: Friday, 28 February 2014 7:18 PM
> To: Craig Brownlie
> Cc: EPA Commander - Morwell Fire
> Subject: FW: BGA and biological testing for Hazelwood Cooling Pond
>
> Craig FYI. Happy to discuss.
>
> Martin O'Shaughnessy [EPA]
>
> From: Addis, Dave
> [<mailto:Dave.Addis@gdfsuezau.com>] <[mailto:\[mailto:Dave.Addis@gdfsuezau.com\]](mailto:[mailto:Dave.Addis@gdfsuezau.com])>
> c
> om]>
> Sent: Friday, 28 February 2014 3:10 PM
> To: Martin OShaughnessy
> Subject: BGA and biological testing for Hazelwood Cooling Pond
>
> Martin,
> As discussed, please find attached the reports for 2014 for the
> biological and Blue Green Algae testing of the Hazelwood Cooling Pond.
> The first two reports are the monthly reports for the E.Coli,
> Enterococci and Pseudomonas Aeruginosa for January and February 2014
> while the others are the 2014 reports for Blue Green Algae.
>
> Regards,
>
> Dave Addis
> Environment Officer
> Hazelwood
> GDF SUEZ Australian Energy
>
> [cid:image001.jpg@01CF3492.EF070D00]
>
> Brodribb Road, Hazelwood
> PO Box 195, Morwell
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> <http://www.gdfsuez.com/> <<http://cp.mcafee.com/d/FZsS86Qmjh00-VssyedTdETHvhsjKejdETHvh7cKecCQrECzAQszDS7bCQrELIfKc3AjqKNDa71EjRIyjxZ>>
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