



Email dated 16 February 2014

Eliza Bergin to: Justine Stansen

Cc: Nicholas Kennedy

03/06/2014 02:27 PM

Dear Justine,

Please find enclosed email that Mr Torre undertook to provide to the Board.

Regards,



Eliza Bergin
Principal Solicitor
Government & Public Law

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Think Green before printing this email.

----- Forwarded by Eliza Bergin/Users/VGSO on 03/06/2014 02:00 PM -----

From: Mark Smith <Mark.Smith@epa.vic.gov.au>
To: "Eliza.Bergin@vgso.vic.gov.au" <Eliza.Bergin@vgso.vic.gov.au>,
Date: 03/06/2014 01:04 PM
Subject: Email on 16 Health

Mark Smith
Project Manager
Operations Strategy



EPA Victoria

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----- Message from vlyn1411 <Vikki.Lynch@health.vic.gov.au> on Sun, 16 Feb 2014 11:00:29 +0000 -----

To: Paul Torre <Paul.Torre@epa.vic.gov.au>

cc: Chris Webb <Chris.Webb@epa.vic.gov.au>, Elizabeth Radcliffe <Elizabeth.Radcliffe@epa.vic.g
jcan2904 <Jane.Canestra@health.vic.gov.au>, rles0402 <Rosemary.Lester@health.vic.gov.au>, l

Subject: RE: Urgent - request EPA monitoring and forecast picture for this evening for DH assessment of

Thanks for this information Paul.

As discussed at 21.35, I understand the following:

Regarding CO measurements provided below:

Between 13.30 and 18.30, these are 5 minute average values (as ppm CO)

The AEGL-2 value for the shortest exposure time period is 420 ppm averaged over 10 minutes.

Scanning the table of results the highest 5 minute averages (at the Morwell bowling club at 25 to 57 ppm) are approximately 7 times below this value.

The CO measurements inside and outside this bowling club of 28 ppm (as a 5 minute average) are 14 times below the AEGL-2 value (for 10 minutes).

I understand there are some issues to resolve in relation to the averaging of 5 minute data to 1 hour averages. However, based on this information I do not see any additional advice as required (ie tonight) for CO levels in

smoke beyond the High Smoke advisory media release put out this evening.

Regarding PM2.5 air monitoring:

In relation to PM2.5 24 hour averages at Morwell East - the levels reported of 76 and 85 ugm3 are acknowledged.

I understand, extrapolating these measurements using visibility recording in Morwell itself suggests levels in Morwell currently at 2 to 2.5 times higher than the 24 hour values from Morwell East.

Again, issuing the high smoke advisory for the Latrobe Valley for this evening is appropriate.

No further action is suggested for tonight.

DH will discuss possible media (ie radio requirements with Chief Health Officer) tomorrow.

Thanks

Vikki

Vikki Lynch MPPM (Melb) MAppSc (RMIT) BScHon (Melb)
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Tel + 613 9096-5915 | M 0407 931 336 | E vikki.lynch@health.vic.gov.au
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| From: |
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| Paul Torre <Paul.Torre@epa.vic.gov.au> |
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| To: |
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| vlyn1411 <Vikki.Lynch@health.vic.gov.au> |
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| Cc: |
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| Elizabeth Radcliffe <Elizabeth.Radcliffe@epa.vic.gov.au>, Chris Webb
<Chris.Webb@epa.vic.gov.au> |

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| Date: |
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| 16/02/2014 08:41 PM |
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|----->
| Subject: |
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| RE: Urgent - request EPA monitoring and forecast picture for this
evening for DH assessment of community messages |
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The following results are sent to you to allow you undertake a risk assessment of resident's health in Morwell.

Carbon monoxide monitoring
Continuous CO air monitoring was undertaken at five locations in the Morwell South residential area covering over approximately 4 kilometres on the 16/02/14. During on 00:30 and 08:30 concentrations averaged ranged from 25 to 45 ppm.
The results of short term (5 minute) CO air monitoring during 13:30-18:30

Sampling location	ppm
Police station	7-35
Morwell Bowling club	25-57
Keegan Street	24
Kennedy Street	26
Travers Styreet	30
McKean Street	44
Kindergarten-Maryvale Road	20-44
Grand View	34

CO measurements in the Morwell Bowling Club and directly outside recorded 28 ppm.

PM2.5 air monitoring
The PM2.5 24hour rolling average was measured at 76 ug/m3 and 85 ug/m3 at

10:00 and 14:00 respectively. This is significantly higher than the PM2.5 national advisory reporting standard of 25ug/m3.

Relative indicative continuous PM2.5 at the Morwell Bowling Club showed levels two to three times higher than the Morwell East monitoring data.

Forecast

The weather forecast is for light SSW winds which is result in continued n air quality impacts in Morwell and Morwell over the next 12-24 hours. POOR to VERY POOR air quality is forecast for all of Latrobe Valley for Sunday and Monday.

EPA is recommending a high-level bushfire smoke advisory for the Latrobe Valley for the remainder of Sunday and all of Monday.

Paul Torre

From: Vikki.Lynch@health.vic.gov.au [mailto:Vikki.Lynch@health.vic.gov.au]
Sent: Sunday, 16 February 2014 7:30 PM
To: Paul_Torre.DHS.WVG.EPAWOVG@dominol.epa.vic.gov.au
Cc: Elizabeth Radcliffe; Chris Webb; jmea2310; towe0609; j.buffone@cfa.vic.gov.au
Subject: Urgent - request EPA monitoring and forecast picture for this evening for DH assessment of community messages

Paul / Liz

I haven't yet received the report for tonight's air quality issues.

Liz lost the content on her ipad.

I need this picture pls to inform assessment of need for any additional community messages, above the current High Smoke advisory issued for the Latrobe Valley this evening.

Thanks

Vikki

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