

Redacted Correspondence 5

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From: NHS FIFE

Sent: 07 November 2011 10:47

To: SEPA; HPA; NHS FIFE; MOD; @scotland.gsi.gov.uk;

Subject: RE: Dalgety Bay - sources recovered

Thanks ██████████. Unfortunately this information does not mean anything unless it is presented in the context of risk.

What does this information add to what is already known about the contamination at Dalgety Bay?

What are SEPA doing with the particles to secure public safety?

Have the particles been found in areas that do not have restrictions for public access?

Unless the information on particle find is associated with the answers to these questions it serves no purpose – or am I missing the point?

Regards

██████████

From: SEPA

Sent: 07 November 2011 08:53

To: SEPA; HPA; NHS FIFE; @scotland.gsi.gov.uk; MOD;FSA

Subject: Dalgety Bay - sources recovered

Dear all,

SEPA undertook some monitoring at Dalgety Bay on Tuesday 1st November in the afternoon when a further 21 sources were recovered from the demarcated area of Dalgety Bay. Further monitoring also occurred on Saturday 5th November when a further 72 sources were recovered (these sources were generally closer to the surface and thus easier and quicker to recover). This brings the total sources recovered by DIO and SEPA to 468 since September 2011.

██████████.

From: NHS FIFE

Sent: 06 November 2011 14:17

To: SEPA; HPA; MOD; @scotland.gsi.gov.uk; FSA

Subject: RE: Dalgety Bay Gamma Dose Rate - high activity radium source

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It would be helpful if this information could be sent to the group once it has been interpreted – I have no idea what this means.

Regards

██████████

From: SEPA

Sent: 04 November 2011 13:00

To: HPA; MOD; @scotland.gsi.gov.uk; FSA

Subject: Dalgety Bay Gamma Dose Rate - high activity radium source

Dear all,

Please see the information below from our contractor on the potential gamma dose rate from the high activity source recovered from Dalgety Bay.

██████████

██████████

From: SEPA

Sent: 14 October 2011 16:19

To: HPA

Subject: RE: Dalgety Bay

Dear

On Wednesday, SEPA recovered a source from Dalgety Bay which had an indicative in field activity of 13 MBq Ra-226 (which is an order of magnitude greater than anything previously reported). As the majority of area around where the source was recovered has yet to be monitored by SEPA we could not exclude the possibility of further similar sources being present. As a precautionary and interim measure we have asked Fife Council to erect further signs and demarcate the area with tape until SEPA has been able to complete the survey of the area (and remove any significant sources detected).

We would therefore like to ask HPA's advice on this matter and whether any further actions are needed

██████████

From: HPA

Sent: 18 October 2011 11:02

To: SEPA

Subject: RE: Dalgety Bay

Dear ██████████

Further to your request for advice on the Dalgety Bay situation, we will be very pleased to assist and will return to you shortly with our response.

Regards

From: HPA

Sent: 11 October 2011 09:48

To: SEPA

Subject: Dalgety Bay

Dear ██████████,

Following our telephone conversation yesterday I have discussed the situation with others here at HPA and it has been agreed that if you require a formal view from HPA on the situation at Dalgety Bay then please make the request in writing to ██████████ Director of CRCE. However, in relation to the levels of radiation dose that you have estimated for ingestion of specific particles the advice that we have given for the beaches near Sellafield may be relevant. This advice stated that there should be an urgent review of the situation if particles of greater than certain activities were detected. Although the dose corresponding to these activities was not specified in our advice, the value used was an effective dose to an adult of 500 mSv, recognising that doses to infants would be higher; it was intended to ensure that there would no deterministic effects. I believe that the doses that you have calculated for Dalgety Bay are lower than 500 mSv.

Regards

██████████

From: @dh.gsi.gov.uk

Sent: 13 October 2011 18:09

To: HPA

Subject: Re: Dalgety Bay - brief on recent finds of highly radioactive particles and SEPA's precautionary actions

██████████ thanks for the "heads up" on the more recent findings of radioactive

particles in Dalgety Bay. A situation that have been aware of from the past!. Your low key line to take is eminently sensible.

████████

From: SEPA

Sent: 13 October 2011 14:07

To: HPA

Subject: Dalgety Bay

Regards,

████████

NEWS
from the

SCOTTISH ENVIRONMENT PROTECTION AGENCY

13 October 2011

EXT01 – B04

Dalgety Bay particle find

The Scottish Environment Protection Agency (SEPA) has uncovered some high activity radioactive sources from Dalgety Bay beach which are giving cause for concern.

Radioactive material was first detected on a part of the foreshore at Dalgety Bay in 1990. It is thought that the contamination originates from the residue of radium-coated instrument panels from military aircraft incinerated and land filled in the area at the end of World War II. Monitoring has been undertaken by both SEPA and the Ministry of Defence and radioactive material has been removed periodically.

SEPA Chief Executive Dr Campbell Gemmell said: “Over the weekend, SEPA scientists continued to investigate an area of the foreshore of Dalgety Bay. Further sources were found.

“An initial reading of activity in one of these sources has given sufficient concern for SEPA to have asked Fife Council to restrict access to the area.

“On Wednesday, Fife Council cordoned off an area of the foreshore close to the public footpath and temporarily erected further warning signs.

“In the short term, SEPA will continue the current investigation and ensure the removal of any further sources detected.”

SEPA has now removed the material of concern and is analysing the activity of the source to gain a better understanding of the potential risk to human health. SEPA has shared its findings with partner agencies including the Health Protection Agency and NHS Fife.

Dr Gemmell added: "It is now urgent that an appropriate long term remediation plan is developed, and SEPA will meet with Scottish Government and the Ministry of Defence to expedite this. This may require SEPA to designate an area of the foreshore at Dalgety Bay as Radioactive Contaminated Land."

Ends

Notes to editors

- The Radioactive Contaminated Land (Scotland) Regulations 2007 come into force at the end of October 2007. SEPA has the responsibility under these regulations for the investigation, identification, characterisation and regulation of remediation of radioactive contaminated land (RCL). Without designation, we rely on voluntary remediation by relevant parties.

www.sepa.org.uk

General enquiries:

- Telephone: 01786 457700
- Out of hours emergency PR contact: 01738 448414

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- SEPA uses Mediahub for its contacts. If you are a journalist and want to be included in Mediahub please contact mediahub@marketwire.com

From: SEPA

Sent: 13 October 2011 09:08

To: HPA

Subject: Dalgety Bay

██████████,

I got an out of office from [REDACTED] so to keep you informed....

[REDACTED]

From: SEPA

Sent: 13 October 2011 09:08

To: HPA

Subject: Dalgety Bay

[REDACTED],

I got an out of office from [REDACTED] so to keep you informed....

[REDACTED]

From: SEPA

Sent: 13 October 2011 08:59

To: HPA; FSA

Subject: Dalgety Bay

Dear all,

Yesterday, SEPA recovered a source from Dalgety Bay which had an indicative in field activity of 13 MBq Ra-226 (which is an order of magnitude greater than anything previously reported). As the majority of area around where the source was recovered has yet to be monitored by SEPA we cannot exclude the possibility of further similar sources being present. As a precautionary and interim measure we have therefore asked Fife Council to erect further signs and demarcate the area with tape until SEPA has been able to complete the survey of the area (and remove any significant sources detected).

A separate brief will be issued to the Dalgety Bay Forum this morning.

We expect details of this find to enter the public domain at about 10.00 this morning, please treat this in confidence until this time.

[REDACTED]