

**From:** [REDACTED]  
**To:** [REDACTED]  
**Cc:** [REDACTED]  
**Subject:** RE: Dead fox found at Ty Llwyd Quarry, Ynysddu  
**Date:** 30 June 2023 14:55:11  
**Attachments:** [image001.png](#)

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Thank you, [REDACTED]

Lovely to speak with you earlier on and hope your holiday was enjoyable.

Here are the extra chemicals found at the site, which we would like the dead fox tested for . . .

trichloroethane,  
fluoranthene,  
phenols, especially pentachlorophenol.

Thanks [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

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**From:** [REDACTED]  
**Sent:** Tuesday, May 9, 2023 1:42 PM  
**To:** [REDACTED]  
**Subject:** Dead fox found at Ty Llwyd Quarry, Ynysddu

Good afternoon [REDACTED]

I've now received both the post mortem and the toxicology results on the dead fox that was found at Ty Llwyd Quarry, Ynysddu.

Post mortem examination found the fox to be a female in good body condition but had not eaten well prior to death. She tested negative for avian influenza. The most significant finding on post-mortem examination was the large volume of red fluid in the thoracic cavity. Although there were no significant blood clots present, the fluid was dark red and appeared consistent with a haemothorax. However, there was no visible signs of trauma in this fox. The stomach contained dark brown liquid, the small intestine contained orange-brown liquid and the large intestine contained scant brown-green content.

Tissues were sent to the analytical laboratory where tests for range of likely pesticides were undertaken on the submitted samples. These tests have detected and confirmed residues of the rodenticides brodifacoum and bromadiolone in the liver of this fox. Tests for metaldehyde, carbamates, organophosphates and organochlorines tested negative.

There were haemorrhagic signs reported on post mortem with no visible traumatic cause and together with the amount of brodifacoum found (0.68mg/kg) it is likely that this exposure contributed to the death of this fox. However, the bromadiolone residue (0.011mg/kg) is consistent with exposure levels only. The source of the brodifacoum is unknown but is likely to be from rodent control treatments in the area.

Due to the background history of the quarry, further testing for PFAS will be carried out on tissues from the fox. I will get back in touch once I've received the results of these extra tests.

Regards

[REDACTED]

[REDACTED]

Cangen Iechyd Planhigion a Diogelu'r Amgylchedd (CIPDA) | Plant Health and Environmental Protection Branch (PHEPB)

Is-adran Tir, Natur a Choedwigaeth | Land, Nature and Forestry Division

Y Grŵp Newid Hinsawdd a Materion Gwledig | Climate Change and Rural Affairs Group

*Rhodfa Padarn*

*Llanbadarn Fawr*

*Aberystwyth*

*Ceredigion SY23 3UR*

[REDACTED]

Text ☐ Description automatically generated



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**From:** [REDACTED]

**Sent:** 27 April 2023 09:24

**To:** [REDACTED]

**Cc:** [REDACTED]

**Subject:** RE: Dead fox

Hello [REDACTED]

Hope you are well ?

Just wondering if you have any news with regards to the autopsy on the dead fox, which was found at Ty Llwyd Quarry, Ynysddu, within the county borough of Caerphilly ?

The fox was found on known contaminated land.

When we last spoke, you mentioned the lab in West Wales, were concerned about orangey/brown liquid in the foxes intestines, where sample were sent to a lab in North Yorkshire, for further analysis.

Thank you,

[REDACTED]

[REDACTED]

[REDACTED]

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[REDACTED]

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**From:** [REDACTED]

**Sent:** Tuesday, February 14, 2023 12:47 PM

**To:** [REDACTED]

**Subject:** Re: Dead fox

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**From:** [REDACTED]

**Sent:** Tuesday, February 14, 2023 12:43 PM

**To:** [REDACTED]

**Subject:** Re: Dead fox

Thanks [REDACTED]

Here you go

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**From:** [REDACTED]  
**Sent:** Tuesday, February 14, 2023 12:05 PM  
**To:** [REDACTED]  
**Subject:** RE: Dead fox

[REDACTED]

Your email didn't come through as it's too big. Can you try removing one or two of the attachments and re-sending?

[REDACTED]

[REDACTED]  
Cangen Iechyd Planhigion a Diogelu'r Amgylchedd (CIPDA) | Plant Health and Environmental Protection Branch (PHEPB)

Is-adran Tir, Natur a Choedwigaeth | Land, Nature and Forestry Division

Y Grŵp Newid Hinsawdd a Materion Gwledig | Climate Change and Rural Affairs Group

*Rhodfa Padarn  
Llanbadarn Fawr  
Aberystwyth  
Ceredigion SY23 3UR*

[REDACTED]

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**From:** [REDACTED]  
**Sent:** 14 February 2023 10:21  
**To:** [REDACTED]  
**Subject:** Fw: Dead fox

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**From:** [REDACTED]  
**Sent:** Tuesday, February 14, 2023 10:15 AM  
**To:** [REDACTED]  
**Subject:** Undeliverable: Dead fox

**Delivery has failed to these recipients or groups:**

[REDACTED]

Your message is too large to send. To send it, make the message smaller, for example, by removing attachments.

The maximum message size that's allowed is 36 MB. This message is 39 MB.