

WILDLIFE INCIDENT UNIT

99/09



The Food and Environment
Research Agency

WILDLIFE INCIDENT REPORT

INCIDENT NUMBER 99/09
PART OF STUDY FSGD-050
REGIONAL NUMBER W/09/22
OTHER REFERENCES XT/526/09
SENDER Institute of Zoology
LOCATION Not given
Montgomeryshire
GRID REFERENCE Not given
INCIDENT DATE 25 January 2009
SUSPECTED CAUSE OF INCIDENT background residue
DATE OF REPORT 20 October 2009

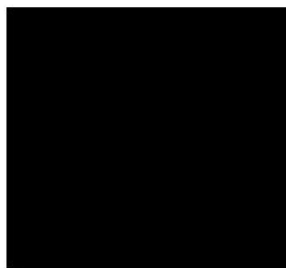
REPORTING OFFICER [REDACTED]

SIGNED : ... [REDACTED]

NUMBERS AND SPECIES INVOLVED

1 buzzard

COPIED TO



Direct Phone Number 01904 462456

E-mail: wiis@fera.gsi.gov.uk

Sand Hutton, York
YO41 1LZ, UK

Tel +44 (0)1904 462 000
Fax +44 (0)1904 462 111

E-mail info@fera.gsi.gov.uk



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WILDLIFE INCIDENT REPORT

Samples received			Date received	Sample identifier
80892	buzzard	tissues	22/7/09	XT/528/09

Summary of field data

The buzzard was found in a back garden after a flood, no other information is available.

Summary of post mortem report

An adult, male buzzard in good body condition and weight 902g was submitted for post-mortem. The plumage was not in a good state, as some dirt was present and some feathers were missing on the right side of the head. There was extensive haemorrhage in the corpus vitreum of both eyes. The subcutaneous fat deposits and muscular condition were good and the coelomic fat deposits were very good. There was some haemorrhage present in the caudal part of the coelomic cavity. A blood clot was present in the pericardium. The myocardium appeared dark in colouration and both lungs were congested, but not haemorrhagic. The liver appeared enlarged and congested and the spleen was very congested and haemorrhagic. Both kidneys were very congested and dark in colouration. The oesophagus and gizzard contained the remains of a frog, some bones, hair and worms and the crop was full. There was normal ingesta throughout the intestines, which had a number of strongyloide-type ova on microscopical examination.

Analysis : carbamate (LC) analysis suite

80892	gizzard contents	no carbamate (LC) detected	detection limit	0.006	mg/kg
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Analysis : chloralose-alpha

80892	kidney	no chloralose-alpha detected	detection limit	0.5	mg/kg
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Analysis : organophosphate analysis suite

80892	gizzard contents	no organophosphate detected	detection limit	0.01	mg/kg
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Analysis : rodenticide analysis suite

80892	liver	difenacoum	confirmed	0.0039	mg/kg
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Conclusion

It was suspected that this buzzard had been poisoned. Laboratory analysis for a range of likely pesticides has been undertaken on the submitted samples. However, no significant residues from the compound groups tested for were found, although a very small residue of difenacoum was confirmed in the liver. There were some haemorrhagic findings reported on post-mortem, but the amount found is probably consistent with exposure to difenacoum. Therefore, the cause of death of this buzzard remains uncertain.