

WILDLIFE INCIDENT UNIT
WILDLIFE INCIDENT REPORT



130/13
**The Food & Environment
Research Agency**

INCIDENT NUMBER 130/13
PART OF STUDY FSGD-190
REGIONAL NUMBER W/13/28
OTHER REFERENCES 28/B0285/10/13
SENDER VLA Carmarthen
LOCATION Llanboidy
Carmarthenshire
GRID REFERENCE SN2026
INCIDENT DATE 24 October 2013
**SUSPECTED CAUSE
OF INCIDENT** trauma
DATE OF REPORT 30 April 2014

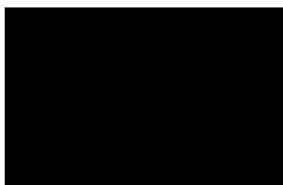
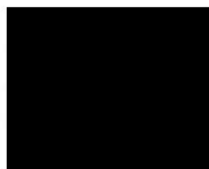
REPORTING OFFICER [REDACTED]

SIGNED : [REDACTED]

NUMBERS AND SPECIES INVOLVED

1 red kite

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Samples received			Date received	Sample identifier
97255	red kite		20/12/13	VLA ref: 28-B0285-10-13
97255	red kite	tissues	20/12/13	VLA ref: 28-B0285-10-13

Summary of field data

A dead red kite was found in a garden. There is no other reported background information from the field.

Summary of post mortem report

A red kite, with wing ID 32 (yellow label right wing, black label left wing) and leg ring GR47527 (BTO) was submitted for post-mortem. The sex was not recorded and the weight was 1290g and the carcass was in good body condition and moderate autolysis. There were a few small skin wounds of the skin overlying the proximal dorsal thorax. The proximal thoracic spine was fractured with associated haemorrhage. The stomachs contained mainly white material (resembling moist bread) with a small amount of hair and fibrous material. Similar white material was seen in the mouth. There were multiple small haemorrhages on the parietal pleura and haemorrhages of the lungs. No other abnormalities were seen.

Analysis : carbamate (LC) analysis suite

97255	stomach contents	no carbamate (LC) detected	detection limit	0.1	mg/kg
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Analysis : chloralose-alpha analysis suite

97255	kidney	no chloralose-alpha detected	detection limit	3	mg/kg
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Analysis : rodenticide analysis suite

97255	liver	brodifacoum	confirmed	0.039	mg/kg
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Conclusion

It was originally suspected that this red kite had been poisoned. Laboratory analysis for a range of likely pesticides has been undertaken on the submitted samples. These tests have detected and confirmed a residue of brodifacoum at a concentration that is consistent with background exposure only. Therefore, given these results and post mortem findings trauma may have contributed to the death of this bird.