

WILDLIFE INCIDENT UNIT

8/15



WILDLIFE INCIDENT REPORT

INCIDENT NUMBER 8/15
PART OF STUDY FSGD-208
REGIONAL NUMBER W/15/08
OTHER REFERENCES 28-B118-04-15
SENDER VLA Carmarthen
LOCATION Cwmann
Carmarthenshire
GRID REFERENCE SN5946
INCIDENT DATE 3 March 2015
SUSPECTED CAUSE OF INCIDENT background residue
DATE OF REPORT 27 July 2015

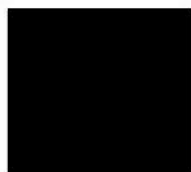
REPORTING OFFICER [REDACTED]

SIGNED : [REDACTED]

NUMBERS AND SPECIES INVOLVED

1 red kite

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Samples received			Date received	Sample identifier
97970	red kite		23/4/15	28-B118-04-15
97970	red kite	tissues	23/4/15	28-B118-04-15

Summary of field data

A dead kite was found

The bird was found under a tree and looked like it had been there for sometime.

Summary of post mortem report

An adult male kite weight 0.881kg, with good body condition and a mild degree of autolysis was submitted for post mortem. Examination revealed well developed pectoral muscles and a large amount of carcase fat present. The stomach was empty apart from a small amount of dark material adherent to the lining. Gross examination of the rest of the carcase did not reveal any significant abnormality but the endocrine and genital systems were not examined. The cause of death was not apparent from the gross post mortem findings.

Analysis : carbamate (LC) analysis suite

97970	gizzard contents	no carbamate (LC) detected	detection limit	0.07	mg/kg
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Analysis : chloralose

97970	kidney	no chloralose detected	detection limit	0.09	mg/kg
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Analysis : organophosphate analysis suite

97970	gizzard contents	no organophosphate detected	detection limit	10	mg/kg
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Analysis : rodenticide analysis suite

97970	liver	difenacoum	confirmed	0.16	mg/kg
97970	liver	brodifacoum	confirmed	0.065	mg/kg
97970	liver	bromadiolone	confirmed	0.0003	mg/kg

Conclusion

It was suspected that this red kite had been poisoned. Laboratory analysis for a range of pesticides has been undertaken on the submitted samples. These tests have detected and confirmed residues of difenacoum, brodifacoum and bromadiolone in the liver of this red kite. The combined amounts present are at a level that may have contributed to death, but there were no haemorrhagic signs reported on post-mortem. Therefore, the cause of death of this red kite remains uncertain.