

WILDLIFE INCIDENT UNIT

7/15



WILDLIFE INCIDENT REPORT

INCIDENT NUMBER 7/15
PART OF STUDY FSGD-208
REGIONAL NUMBER W/15/01
OTHER REFERENCES 28-B0117-04-15
SENDER VLA Carmarthen
LOCATION Malltraeth
Anglesey
GRID REFERENCE SH1069
INCIDENT DATE 11 January 2015
SUSPECTED CAUSE OF INCIDENT background residue
DATE OF REPORT 21 July 2015

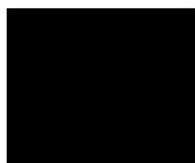
REPORTING OFFICER [REDACTED]

SIGNED : [REDACTED]

NUMBERS AND SPECIES INVOLVED

1 buzzard

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Samples received			Date received	Sample identifier
97969	buzzard		23/4/15	28-B0117-04-15
97969	buzzard	tissues	23/4/15	28-B0117-04-15

Summary of field data

A dead buzzard was found close to an estate. The bird was collected by the informant and the incident reported to the police. The bird was found under overhead power lines in an area where pheasant shooting occurs. This is the third buzzard that has been found at this location in the past year.

Summary of post mortem report

A female adult buzzard with good body condition and a moderate degree of autolysis was submitted for post mortem. The bird had well developed pectoral muscles, the stomach was full of white meal type material, hair and skin remains and a small amount of haemorrhage was present surrounding the oesophagus. Gross examination of the rest of the carcass did not reveal any significant abnormality.

Analysis : carbamate (LC) analysis suite

97969	gizzard contents	no carbamate (LC) detected	detection limit	0.01	mg/kg
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Analysis : chloralose

97969	kidney	no chloralose detected	detection limit	0.1	mg/kg
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Analysis : organophosphate analysis suite

97969	gizzard contents	no organophosphate detected	detection limit	0.2	mg/kg
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Analysis : rodenticide analysis suite

97969	liver	difenacoum	confirmed	0.0005	mg/kg
97969	liver	brodifacoum	confirmed	0.0006	mg/kg
97969	liver	bromadiolone	confirmed	0.0072	mg/kg

Conclusion

Initially it was suspected that this buzzard had been poisoned. Laboratory analysis for some likely pesticides has been undertaken on the submitted samples. These tests have detected and confirmed a residue of bromadiolone, brodifacoum and difenacoum in the liver of this buzzard. These results are consistent with exposure to anticoagulant rodenticides and their presence is unlikely to be the cause of death of this bird. Therefore, at present the cause of death of this buzzard remains uncertain.