

WILDLIFE INCIDENT UNIT

36/10



WILDLIFE INCIDENT REPORT

INCIDENT NUMBER 36/10
PART OF STUDY FSGD-100
REGIONAL NUMBER W/10/05
OTHER REFERENCES 29-B0047-10-10
SENDER VLA Aberystwyth
LOCATION Montgomery
Montgomeryshire
GRID REFERENCE [REDACTED]
INCIDENT DATE 8 April 2010
SUSPECTED CAUSE OF INCIDENT background residue
DATE OF REPORT 15 June 2010

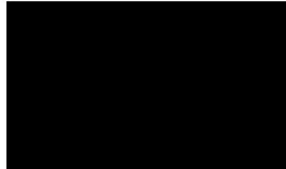
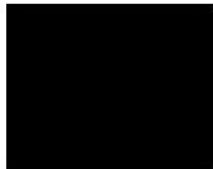
REPORTING OFFICER [REDACTED]

SIGNED : ... [REDACTED]

NUMBERS AND SPECIES INVOLVED

1 buzzard

COPIED TO



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Samples received			Date received	Sample identifier
85041	buzzard	tissues	14/4/10	VLA ref 29-B0047-04-10

Summary of field data

A dead buzzard was found in a field pond. There is a pheasant shoot nearby.

Summary of post mortem report

An adult female buzzard was submitted weighing 1 Kg in a good body condition with moderate autolysis. There was approximately 5cc of blood tinged fluid present in the abdominal cavity. There was a good layer of subcutaneous fat over the keel bone. No food was present in the crop but the proventriculus contained grey coloured ingesta. No other lesions in the bird.

Analysis : carbamate (LC) analysis suite

85041	gizzard contents	no carbamate (LC) detected	detection limit	0.08	mg/kg
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Analysis : chloralose-alpha

85041	kidney	no chloralose-alpha detected	detection limit	0.2	mg/kg
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Analysis : organophosphate analysis suite

85041	gizzard contents	no organophosphate detected	detection limit	0.1	mg/kg
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Analysis : rodenticide analysis suite

85041	liver	brodifacoum	confirmed	0.029	mg/kg
85041	liver	bromadiolone	confirmed	0.0048	mg/kg

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. These tests have detected and confirmed a small residue of brodifacoum and bromadiolone in the liver of this buzzard. The amounts found are probably consistent with exposure, rather than the cause of death of the bird, although it is of concern that exposure to brodifacoum has occurred. Therefore, the cause of death of this buzzard remains uncertain.