

# WILDLIFE INCIDENT UNIT

## WILDLIFE INCIDENT REPORT



96/13

The Food & Environment  
Research Agency

INCIDENT NUMBER 96/13  
PART OF STUDY FSGD-190  
REGIONAL NUMBER W13\20  
OTHER REFERENCES 28-B0088-08-13  
SENDER VLA Carmarthen  
LOCATION [REDACTED]  
Montgomeryshire  
GRID REFERENCE [REDACTED]  
INCIDENT DATE 5 August 2013  
SUSPECTED CAUSE OF INCIDENT background residue  
DATE OF REPORT 31 October 2013

REPORTING OFFICER [REDACTED]

SIGNED : .....

### NUMBERS AND SPECIES INVOLVED

1 buzzard

COPIED TO [REDACTED] [REDACTED]

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Samples received		Date received	Sample identifier
96982	buzzard	30/8/13	VLA ref. - 28-B0088-08-13. WIS ref. - W/13/20
96982	buzzard tissues	30/8/13	VLA ref. - 28-B0088-08-13. WIS ref. - W/13/20

## Summary of field data

A buzzard was seen to fall from the tree and die. It was noticed that a buzzard had landed in a tree, the bird appeared to be hanging upside down and then it fell to the ground. The bird couldn't stand and was flapping around. It was still there an hour later and appeared to be fitting with its head bent backwards, it died shortly afterwards. [REDACTED] pheasants are reared and released in the area. The nearest release pen was inspected but nothing untoward was noted. There has been a previous incident in the area involving the abuse of aldicarb in a red kite (24/13, W/13/06 refers). This incident occurred in a rural area with sheep cattle and game keeping.

## Summary of post mortem report

A adult female buzzard was submitted, weighing 622g, in a poor body condition with moderate autolysis. There was poor musculature over the keel bone. There was no ingesta in the crop and a small black plug of fibre in the gizzard and proventriculus. The rest of the intestinal tract was empty. No other lesions were seen in organs examined but the endocrine system was not examined.

## Analysis : carbamate (LC) analysis suite

96982	gizzard contents	no carbamate (LC) detected	detection limit	0.08	mg/kg
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## Analysis : organochlorine analysis suite

96982	liver	no organochlorine detected	detection limit	0.03	mg/kg
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## Analysis : rodenticide analysis suite

96982	liver	brodifacoum	confirmed	0.0013	mg/kg
96982	liver	bromadiolone	confirmed	0.0095	mg/kg

## Conclusion

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 small residue of bromadiolone and brodifacoum in the liver of the buzzard. However, these residues are considered to be consistent with exposure only, rather than the cause of death of the buzzard. Therefore, the cause of death of this buzzard remains uncertain.