

## WILDLIFE INCIDENT REPORT

INCIDENT NUMBER 63/19  
PART OF STUDY FSGD-211  
REGIONAL NUMBER W/19/16  
OTHER REFERENCES 28/B0037/07/19  
SENDER VLA Carmarthen  
LOCATION [REDACTED]  
Denbighshire  
GRID REFERENCE [REDACTED]  
INCIDENT DATE 3 July 2019  
SUSPECTED CAUSE OF INCIDENT bromadiolone  
unspecified  
DATE OF REPORT 14 October 2019

REPORTING OFFICER [REDACTED]

SIGNED : ..... [REDACTED]

### NUMBERS AND SPECIES INVOLVED

1 buzzard

### COPIED TO

[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

Samples received			Date received	Sample identifier
99639	buzzard		1/8/19	28-B0037-07/19
99639	buzzard	tissues	1/8/19	28-B0037-07/19

### Summary of field data

A dead buzzard was found. The day before this find, several buzzards had been seen flying in the area and since the dead bird was found they have not been seen since. [REDACTED]

[REDACTED] The bird was collected by the police and stored in a freezer until arrangements could be made to transfer it to the APHA. The buzzard appeared to be a good weight and not too thin and so poisoning was suspected.

### Summary of post mortem report

A female buzzard, weight 996g and in fair body condition with moderate autolysis was submitted for post-mortem. It was received in a signed evidence bag, R00476075 and the signed part of the bag has been retained. The caudal part of the tongue was missing, which was possibly from scavenging after death. There was liquid resembling blood along the length of the mucosal surface of the oesophagus and no oesophageal mucosal lesions. In the proventriculus, there was fibrous content, feathers and liquid resembling blood. There was liquid resembling blood in the right abdominal airsac. No abnormalities of the remaining body systems were seen.

### Analysis : chloralose

99639	kidney	no chloralose detected	detection limit	0.02	mg/kg
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### Analysis : metaldehyde & carb (LC) analysis suite

99639	gizzard contents	no metaldehyde & carb (LC) detected	detection limit	0.0004	mg/kg
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### Analysis : organophosphate analysis suite

99639	gizzard contents	no organophosphate detected	detection limit	1.0	mg/kg
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### Analysis : rodenticide analysis suite

99639	liver	difenacoum	confirmed	0.02	mg/kg
99639	liver	brodifacoum	confirmed	0.036	mg/kg
99639	liver	bromadiolone	confirmed	0.15	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. There were no pesticides typically associated with an abuse case found, but there were residues of bromadiolone, brodifacoum and difenacoum detected and confirmed in the liver of this buzzard. There were also some haemorrhagic findings noted on post-mortem and so it is possible that this exposure to anticoagulant rodenticides, particularly bromadiolone, contributed to the death of this buzzard. It is likely that this residue will have been acquired through rodent control treatments and so it has been attributed to unspecified use at present.