

WILDLIFE INCIDENT REPORT

INCIDENT NUMBER 2/16
PART OF STUDY FSGD-208
REGIONAL NUMBER W/16/09
OTHER REFERENCES 28/B0083/04/16
SENDER VLA Carmarthen
LOCATION Llanilar
Cardiganshire
GRID REFERENCE SN6375
INCIDENT DATE 31 March 2016
SUSPECTED CAUSE OF INCIDENT background residue
DATE OF REPORT 23 June 2016

REPORTING OFFICER

SIGNED : [redacted]

NUMBERS AND SPECIES INVOLVED

1 peregrine

COPIED TO



Samples received			Date received	Sample identifier
98411	peregrine		19/4/16	APHA: 28-B0083-04-16, Spec. 1
98411	peregrine	tissues	19/4/16	APHA: 28-B0083-04-16, Spec. 1

Summary of field data

A dead peregrine was found. The bird was reported to be on the embankment of a disused railway line that is now a footpath. The bird was found underneath some trees and the finder believed it to be an immature male and there were no obvious injuries on the bird. The finder had an interest in birds and had previously volunteered for the Red Kite Trust. He was not aware of any local nest sites near to where the bird was found and the nearest nest site that he was aware of is at Allwen, which is on the coast, south of Aberystwyth. The red kite was delivered to the Welsh Government Office and stored in a freezer, until it could be transported to the APHA for a post-mortem.

Summary of post mortem report

A peregrine, weight 678g with fair body condition and a severe degree of autolysis was submitted for post mortem. The pectoral muscles of the bird were reasonably well developed and the gizzard contained a small amount of yellow material only. Gross examination of the rest of the carcass did not reveal any significant abnormality, but the endocrine and genital systems were not examined.

Analysis : chloralose

98411	kidney	no chloralose detected	detection limit	0.02	mg/kg
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Analysis : metaldehyde & carb (LC) analysis suite

98411	gizzard contents	no metaldehyde & carb (LC) detected	detection limit	1	mg/kg
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Analysis : organophosphate analysis suite

98411	gizzard contents	no organophosphate detected	detection limit	8	mg/kg
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Analysis : rodenticide analysis suite

98411	liver	brodifacoum	confirmed	0.004	mg/kg
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Conclusion

It was suspected that this peregrine 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 residue of brodifacoum in the liver of this peregrine and this is likely to be consistent with exposure only, rather than the cause of death of the peregrine. Therefore, the cause of death of this peregrine remains uncertain.