

# WILDLIFE INCIDENT UNIT

## WILDLIFE INCIDENT REPORT



114/13

The Food & Environment  
Research Agency

INCIDENT NUMBER 114/13  
PART OF STUDY FSGD-190  
REGIONAL NUMBER W/13/24  
OTHER REFERENCES 28/B0119/09/13  
SENDER VLA Carmarthen  
LOCATION Ponterwyd  
Cardiganshire  
GRID REFERENCE SN7181  
INCIDENT DATE 10 September 2013  
SUSPECTED CAUSE OF INCIDENT trauma  
DATE OF REPORT 16 December 2013

REPORTING OFFICER

SIGNED : .....

### NUMBERS AND SPECIES INVOLVED

1 red kite

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Samples received		Date received	Sample identifier
97066	red kite	2/10/13	VLA ref: 28-B00119-09-13
97066	red kite tissues	2/10/13	VLA ref: 28-B00119-09-13

## Summary of field data

A dead red kite was found and the Red kite Trust were contacted for advice. The death was reported to the Welsh Government and the carcass was submitted to the AHVLA for a post-mortem.

## Summary of post mortem report

There was no identification ring on the red kite submitted for a post-mortem examination. It was an adult, male of weight 0.74kg and good body condition and mild autolysis. The bird was very well muscled over the keel bone. There was a fracture of the left acetabulum above the pelvic joint. Blood was present in the sinuses of the skull. There were blood clots present on the left hand side of the peritoneal cavity around the liver. There was ingesta in the proventriculus only. There were blood clots in the airsacs, but the lungs were unaffected. Blood had accumulated around the brain meninges.

## Analysis : carbamate (LC) analysis suite

97066	gizzard contents	no carbamate (LC) detected	detection limit	0.2	mg/kg
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## Analysis : chloralose

97066	kidney	no chloralose detected	detection limit	4	mg/kg
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## Analysis : organophosphate analysis suite

97066	gizzard contents	no organophosphate detected	detection limit	2	mg/kg
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## Analysis : rodenticide analysis suite

97066	liver	difenacoum	confirmed	0.0009	mg/kg
97066	liver	bromadiolone	confirmed	0.0025	mg/kg

## Conclusion

Initially, it was suspected that this red kite 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 difenacoum and bromadiolone in the liver of this bird. However, the amounts found are consistent with exposure only and the cause of death of this red kite appears to be due to a traumatic injury.