

School of Veterinary Science

Pathology Report

Submitter Ref.:	Date Sent: 24/04/2019	Accession No.: 57296
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To: [REDACTED]
Zero Invasive Predators Ltd (ZIP)
39 Waiapu Road
Karori
Wellington

Report Sent: 27/05/2019

Copy To: [REDACTED]

Email: [REDACTED]

Species: Avian-Wildlife	Breed: Kea		
Age: Subadult	Sex: Female		
Owner:	Type: Post Mortem		
ID: V-2547 (CH77) Red on White	Prev. Accn.: 57297		
Submitted: 2	At Risk:	Affected: 2	Dead: 2

History

Found dead 19/04/2019, estimated date of death ~15/04/2019.

Gross Findings

The kea weighed 693 grams and was in moderate to good body condition. The crop, proventriculus and gizzard contained a moderate amount of green granular-to-pasty material and the lining of the gizzard was stained bright light blue-to-green. No other abnormalities were noted on gross post mortem.

Clinical Pathology / Toxicology / Biochemistry

Liver lead level: 0.22 mg/kg
NZVP CASE NO : P19005696

Skeletal muscle: 1.78ug/g Fluoroacetate (Landcare Report No: T7093)

Diagnosis

1080 toxicosis

Comments

This was a young female kea in good body condition, with no signs of trauma of obvious underlying disease. Dyed material consistent with 1080 cereal bait was present in the stomach and subsequent testing of the skeletal muscle showed 1080 residue; 1080 ingestion is the cause of death. The level of lead in the liver was not elevated to the point where it would have adversely impacted on the health of this bird.

Date: 24/04/2019	Pathologists: [REDACTED]
Students:	