

# School of Veterinary Science

## Pathology Report

Submitter Ref.:	Date Sent: 24/04/2019	Accession No.: 57297
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To: [REDACTED]  
Zero Invasive Predators Ltd (ZIP)  
39 Waiapu Road  
Karori  
Wellington

Report Sent: 27/05/2019  
Copy To:

Email: [REDACTED]

Species: Avian-Wildlife	Breed: Kea		
Age: Adult	Sex: Male		
Owner:	Type: Post Mortem		
ID: V-2573 (CH72) White on Pink	Prev. Accn.: 57296		
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 781 grams and was in moderate body condition, with adequate pectoral muscle mass but reduced and reddened body fat reserves.

The proventriculus and gizzard contained a moderate amount of dark green pasty material admixed with seed-like material.

No other abnormalities were noted on gross post mortem.

### Clinical Pathology / Toxicology / Biochemistry

Liver lead level: 0.66 mg/kg  
NZVP CASE NO : P19005696

Skeletal muscle: 0.046 ug/g Fluoroacetate (Landcare Report No: T7093)

### Diagnosis

1080 toxicosis

### Comments

This was an adult male kea in reduced body condition. There were no signs of trauma or any obvious underlying disease.

Testing of skeletal muscle showed this kea had been exposed to 1080. The level of lead in the liver was not elevated to a level where it would have adversely impacted on the health of this bird.

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