Kang, Ji Yeon

From: Miller, Robert
Sent: Tuesday, February 19, 2019 6:49 AM
To: Kang, Ji Yeon
Subject: FW: Loss report for great-horned owl in Yolo County
Attachments: P3303.pdf

Robert A. Miller
6(a)(2) Coordinator
Information Technology and Resource Management Division
EPA Office of Pesticide Programs
Mail Code 7502P
United States Environmental Protection Agency
1200 Pennsylvania Avenue, N.W., Washington D.C.

(703) 347-8012
miller.robert@epa.gov

From: McMillin, Stella@Wildlife <Stella.McMillin@wildlife.ca.gov>
Sent: Wednesday, February 13, 2019 5:47 PM
To: agriculture@yolocounty.org; Kratville, David@CDFA <david.kratville@cdfa.ca.gov>; Palmer-Townsend, Marilyn@CDPR <Marilyn.Palmer-Townsend@cdpr.ca.gov>; Miller, Robert <Miller.Robert@epa.gov>
Cc: Chappell, Erin@Wildlife <Erin.Chappell@Wildlife.ca.gov>
Subject: Loss report for great-horned owl in Yolo County

Good afternoon,

I have attached a loss report for a great-horned owl in Yolo County. If you have any questions, please contact me.

Thank you.

Stella McMillin
Senior Environmental Scientist
Wildlife Investigations Laboratory
California Department of Fish and Wildlife
1701 Nimbus Road
Rancho Cordova, CA 95670
Office 916-358-2954
Cell 916-531-9683

DEPARTMENT OF FISH AND WILDLIFE
WILDLIFE BRANCH
WILDLIFE INVESTIGATIONS LABORATORY
PESTICIDE INVESTIGATIONS
1701 NIMBUS ROAD
RANCHO CORDOVA, CA 95670
PHONE (916) 358-2954

Lab Number P-3303
Necropsy Number Z18-0580
CAHFS Number D1812925

Date of loss: August 7, 2018
Sample: Great-horned owl
Bubo virgianus
Listing status: No special status

To: John Young
Yolo County Agricultural Commissioner

Report Date: January 18, 2019

Diagnosis: Anticoagulant rodenticide intoxication in great-horned owl.

Background
A great-horned owl was found dead by a member of the public in Davis on August 7, 2018. It was transferred to the CDFW Wildlife Investigations Laboratory (WIL) to determine the cause of death.

RESULTS OF EXAMINATION

A necropsy was performed at the WIL on August 17, 2018. The owl was an adult male in good nutritional condition. There was hemorrhage and edema in the left wing at the elbow and at the sternum. The lungs were bloody. The kidneys, heart, and liver were pale pink. No signs of trauma were present. Liver tissue contained four anticoagulant rodenticides: 0.70 ppm brodifacoum and traces of bromadiolone, difenacoum, and diphacinone.

Remarks;
Coagulopathy observed at necropsy and potentially toxic levels of brodifacoum support diagnosis of anticoagulant rodenticide intoxication.

WILDLIFE INVESTIGATIONS LABORATORY

Stella McMillin, Senior Environmental Scientist
Wildlife Investigations Laboratory

Approved

Dr. Deana Clifford, Senior Wildlife Veterinarian,
Wildlife Investigations Laboratory

Cc: **Marilyn Palmer-Townsend**
CDPR

David Kratville,
CDFA

Robert Miller,
USEPA