



## Inspection Report

Roberta Kirshner  
P.O. Box 841  
Durham, CA 95938

Customer ID: **3769**  
Certificate: **93-C-0504**  
Site: 002  
ROBERTA KIRSHNER

Type: FOCUSED INSPECTION  
Date: 12-FEB-2024

### 3.129(a) Direct

#### Feeding.

At the previous inspection in early January, "Shyra" the young tiger born at the facility on Father's Day 2023, was documented to have weakness in the hind end and the attending veterinarian referred the animal to UC Davis for evaluation. On 7 February 2024 the weakness and muscle loss in both her back legs was evaluated at UC Davis and "findings suggested that Shyra has metabolic bone disease and that she has sustained several fractures due to this metabolic condition... Metabolic bone disease (MBD) is a general term for conditions that cause weak bones and is commonly due to calcium-deficient diets such as boneless meat without appropriate supplements." Preliminary findings of the radiology report included: a complete short oblique comminuted fracture of the right femur with slight remodeling, chronic fractures of both tibia in several locations, fracture of the right ilium, and right metacarpal as well as angular deformities of the long bones bilaterally that appear chronic (greater than two weeks ago). During inspection, facility provided the labeled bags of supplements they were feeding that were not available during the last inspection: Mazuri slab meat vitamin manufactured March 11, 2019 and Mazuri whole prey vitamin manufactured July 1, 2020. Typically Mazuri supplements are considered expired 1 year after manufacture.

At the last inspection a plastic container was produced that was hand labeled Mazuri slab meat vitamins, and 2 grams per meal (2-3 lbs of various meat) of the supplement was demonstrated as the supplementation. The label guidelines for Mazuri slab meat supplement is 9 grams/pound of meat, so each meal should have been supplemented at 18-27 grams per meal. The facility does not have any records of the amount of supplement provided or the mix of meat/bone in chicken fed to this animal, including the addition of whole rabbits since the last inspection.

The Animal Welfare Act requires that the food shall be wholesome, palatable, and free from contamination and of sufficient quantity and nutritive value to maintain all animals in good health. "Shyra" has metabolic bone disease most likely caused by lack of calcium supplementation in the diet which has caused her weakness and the radiologically confirmed chronic fractures. On inspection "Shyra" did not have normal ambulation, she had progressive weakness, walking a few steps with her hind end lower than her front end and then dragging her hind legs behind her. Multimodal pain medication was prescribed by UC Davis, as it is presumed that the fractures associated with her condition are painful. Appropriate supplementation must be provided to maintain animals in good health.

Correct by noon Pacific time 14 February 2024

This inspection and exit interview were conducted with the licensee and manager.

Prepared By: KATHARINE FRANK  
USDA, APHIS, Animal Care  
Title: VETERINARY MEDICAL OFFICER

Date:  
12-FEB-2024

Received by Title: Licensee

Date:  
12-FEB-2024



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Additional Inspectors:

Geoffrey Olsen, VETERINARY MEDICAL OFFICER

Laurie Gage, Field Zoological Species Specialist

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**Prepared By:** KATHARINE FRANK

USDA, APHIS, Animal Care

**Title:** VETERINARY MEDICAL  
OFFICER

**Date:**

12-FEB-2024

**Received by Title:** Licensee

**Date:**

12-FEB-2024



**Species Inspected**

Cust No	Cert No	Site	Site Name	Inspection
3769	93-C-0504	002	ROBERTA KIRSHNER	12-FEB-2024

Count	Scientific Name	Common Name
000001	<i>Panthera tigris</i>	TIGER
000001	<b>Total</b>	