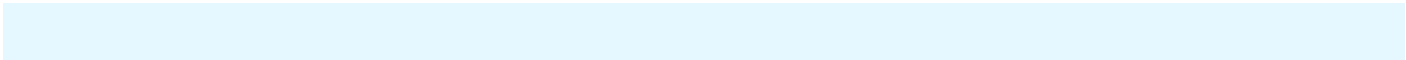
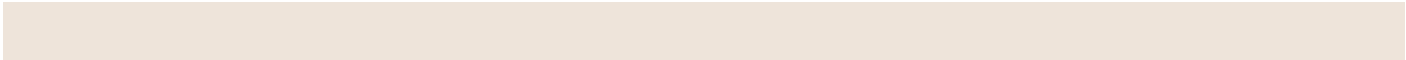


# Hecla Zinc Concentrate Release Ione

SHARP Report — Part 1 of 2

[Go to site contamination history](#)

• SHARP first SHARP		v2024.04.29	Ecology Info	
• SHARP rating	Low		ERTS	728846
• SHARP date	05/20/2024		CSID	17034
• EJFlagged?				



Primary census tract	Associated census tracts
53051970200	SHARP it

**Local demographics comments**

no comments

**Source/source area description**

On February 16, 2024, a pup trailer carrying 31,000 lbs of zinc concentrate from the Hecla Lucky Friday Mine overturned along highway 20 near mile marker 407 which is south of lone. The release covered 3,000 square feet of highway right-of-way (ROW) and Pend Oreille Valley Railroad ROW.

**Soil comments**

Site had lead, cadmium, mercury and zinc above MTCA cleanup levels. However, soil contamination was excavated and removed. Confirmation soil samples showed contamination for the above contaminants to be below MTCA cleanup levels. Received an NFA.

**Groundwater comments**

no comments

**Surface water comments**

no comments

**Sediment comments**

no comments

**Indoor air comments**

no comments

**Additional factors comments**

no comments

## Site history

[Go to top](#)

Arcadis contacted Ecology to determine the MTCA clean up level for zinc which was 120 mg/kg for soil. Ecology also requested that Arcadis test for Target Analyte List metals.

On February 16 and 17, 2024, the contaminated soil was removed to a depth of approximately 2 to 4 inches. Eleven confirmation soil samples were taken from the base of the excavated area for initial waste characterization. Soil sample results showed lead, cadmium, mercury and zinc to be above MTCA cleanup levels.

On April 1, 2024, excavated 3 to 4 inches of additional soil from original excavation area. No groundwater was encountered. Eleven more confirmation soil samples were collected. Lead, cadmium, and mercury were below MTCA cleanup levels. Zinc was at 34 to 120 mg/kg. The 120 mg/kg result was only in 1 soil sample out of 10.

A total of 56.15 tons of contaminated soil was removed and disposed of at Arlington.

**Overflow - Site contamination and cleanup history**

No overflow

## Hecla Zinc Concentrate Release lone

17034 Hecla Zinc Concentrate Release lone 20240520

First SHARP

SHARP rating — Low

## SHARP Report — Part 2 of 2

Conceptual site model

05/20/2024



### Assessment scores by environmental medium

