

**Worker Struck by Equipment**

Type of Incident: Fatality

Date of Incident: February 20, 2012

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**SECTION 1.0 DATE AND TIME OF INCIDENT**

1.1 The incident occurred on February 20, 2012 at approximately 4:30 p.m.

**SECTION 2.0 NAME AND ADDRESS OF PRINCIPAL PARTIES**

**2.1 Owner**

2.1.1 \*\*\*\*\*  
\*\*\*\* \*\*

**2.2 Employer**

2.2.1 1418100 Alberta Ltd, operating as Maivista Holdings  
\*\*\*\* \*\*

**2.3 Worker**

2.3.1 \*\*\*\*\*  
\*\*\*\* \*\*

**SECTION 3.0 DESCRIPTION OF PRINCIPAL PARTIES**

**3.1 Owner**

3.1.1 \*\*\*\*\* was a co-owner of the company along with his wife, \*\*\*\*\* and one of his sons, \*\*\*\*\*.

**3.2 Employer**

3.2.1 1418100 Alberta Ltd, operating as Maivista Holdings (Maivista) was a small plastic recycling company located on a family farm near Three Hills, Alberta. The company had been in operation since 2008. At the time of the incident, the company employed three workers, including the owner.

**3.3 Worker**

3.3.1 The worker (\*\*\*\*\*) was a co-owner of Maivista.

**SECTION 4.0 LOCATION OF INCIDENT**

The incident occurred on a farm located at \*\*\*\* \*\*  
\*\*\*\*\*;

see Attachment A – Map, Attachment B – Photograph 1.

## **SECTION 5.0            EQUIPMENT, MATERIAL AND OBSERVATIONS**

### **5.1     Equipment and Material**

5.1.1 Brush Bandit Model 250 wood chipper (chipper) modified to chip plastic. See Attachment B – Photographs 1, 2 and 3. The chipper had been modified to chip plastic prior to its purchase.

### **5.2     Observations**

5.2.1 The temperature at the time of the incident was approximately -3 C.

5.2.2 There were no available records to indicate when or by whom the chipper had been modified.

5.2.3 Witness statements indicated the chipper had been tested the previous week.

5.2.4 One paddle on the chipping wheel was damaged.

5.2.5 A metal guard that covered the chipping wheel had detached from the chipper. The guard measured approximately 57 cm long, 49 cm high and 20.2 cm wide. See Attachment B – Photographs 2, 3 and 4. First Responder witness statements indicate the guard was found near the injured worker.

## **SECTION 6.0            NARRATIVE DESCRIPTION OF THE INCIDENT**

6.1 The worker (\*\*\*\*\* \*\*\*) began testing the chipper by himself, at approximately 4:30 p.m. on February 20, 2012. The testing entailed chipping plastic pipe, approximately 7cm wide, into small rings.

6.2 Approximately 5 minutes later, the worker's sons (\*\*\*\*\* \*\*\*) and (\*\*\*\* \*\*\*) heard the engine noise change and went to check on the worker (\*\*\*\*\* \*\*\*) .

6.3 The worker's sons (\*\*\*\*\* \*\*\*) and (\*\*\*\* \*\*\*) found the worker (\*\*\*\*\* \*\*\*) approximately 3.5 meters away from the chipper. The sons initiated CPR. The worker's wife called 911 at approximately 4:37 p.m.

6.4 The Trochu Fire Department and Kneehill Emergency Medical Services (EMS) responded. The worker (\*\*\*\*\* \*\*\*) was transported to the Three Hills Hospital where he was pronounced deceased.

## **SECTION 7.0 ANALYSIS**

### **7.1 Direct Cause**

7.1.1 The worker received fatal blunt trauma injuries to the chest.

## **SECTION 8.0 FOLLOW-UP/ ACTION TAKEN**

### **8.1 Industry**

8.1.1 On February 20, 2012, the employer voluntarily stopped work at the site.

8.1.2 On February, 20, 2012, the employer took the chipper out of service.

8.1.3 On March 22, 2012, the employer provided the requested documents to OHS.

8.1.4 On March 23, 2012, the employer submitted an incident investigation report.

8.1.5 On May 3, 2013, the employer sold the chipper to a scrap yard.

### **8.2 Additional Measures**

8.2.1 No additional measures were taken.

**SECTION 9.0      SIGNATURES**

ORIGINAL REPORT SIGNED  
Lead Investigator

March 13, 2014  
Date

ORIGINAL REPORT SIGNED  
Reviewer

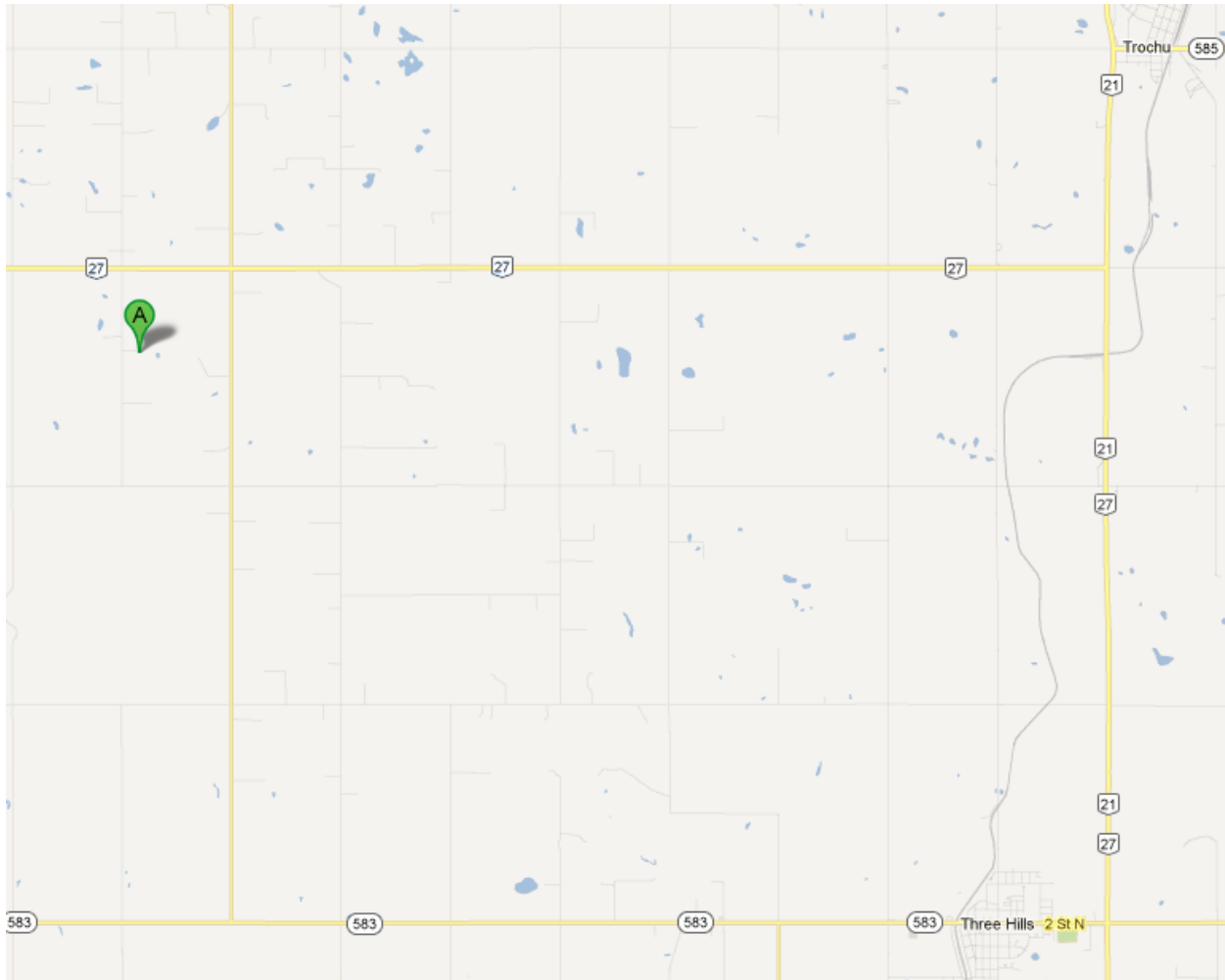
March 13, 2014  
Date

ORIGINAL REPORT SIGNED  
Director Investigations

March 14, 2014  
Date

**SECTION 10.0      ATTACHMENTS:**

Attachment A - Map  
Attachment B - Photographs



“A” indicates the approximate location of the incident, \*\*\* \*\* \*\*\*\*\* \*\*\*\*\* \*\*\*\*\* \*\*\*\*\* \*\*\*\*\*.



1.

**Photograph 1** – Shows the incident scene looking south/southwest.

1. Shows the chipper involved in the incident.





**Photograph 2** – Shows the chipper and guard.

1. Shows the chipping wheel that had been covered by the guard.
2. Shows the guard.



**Photograph 3** – Shows the chipper and guard.

1. Shows the chipping wheel.
2. Shows the guard.
3. Shows the approximate location of the worker after the incident.





**Photograph 4** – Shows the guard.



**Photograph 5** – Shows the chipping wheel with a damaged paddle.