



## INCIDENT INVESTIGATION #198084

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Fairview ave and Glendale Dr, Lead, SD

### LOCATION DETAILS

**Event Date:** 09/17/2020 11:18 AM America/Denver

**Right-of-Way:** City Street

### AFFECTED FACILITY

**Near Miss:** No

**Type of Operation Affected:** Gas

**Line Size and Type:** 4" Plastic

**Facility part of joint trench:** No

**Asphalt or concrete removed:** Yes

**Damage Surface Type and Depth:** Blacktop 18" - 36"

**Arrival Date and Time:** 09/17/2020 01:43 PM America/Denver



**Distance from Ped to Ped:** 0ft

**Dimensions of Asphalt or Concrete Removed:** 11x3 and a 6x7 and a 7x8

**Repairs Taking Place Upon Arrival?** No

**Who Performed Repairs:** Utility Company

**Contractor Representative:** Greg Anderson

**Contractor Representative Phone Number:** (605) 471-9768

**Personnel On Site:** Todd , Brian , Bruce a total of 6 MDU personnel

**Vehicles/Equipment Being Used For Repairs:** 5 trucks a trailer and 2 Back hoes

**Guards or Barricades On Site:** 2 road will stay closed overnight , fire dept on site

**Facilities Replaced or Repaired:** Repaired

**Replacement Type:** Permanent

**Occurred During:** Business Hours

**Time Occurred:** 11:18 AM America/Denver

## **DAMAGER**

**Company Name:** Engbarth Drilling

**Contact:** Greg Anderson

**Contact Phone:** (605) 471-9768

**Type of Work:** Boring SDN fiber in

**Damage Responder:** Kenneth, Kauffman

## **UTILITY INFORMATION**

**Utility Company Name:** Montana Dakota Utilities

**Utility Contact Name:** Bruce Sprynczynatyk

**Utility Contact Phone:** (605) 645-1541

**Utility Representative:** Todd Schmidt

**Utility Rep Tech#:**

**Utility Rep. Present on Arrival:** Yes

## **EXCAVATION INFORMATION**

**Excavator Type:** Contractor

**Excavation Equipment:** Drilling

**Work Performed:** Telecommunication

**Excavator downtime?** Yes

**Downtime hours:** 8

**Downtime cost:** No

## **NOTIFICATION AND LOCATING**

**One Call Center notified:** Yes

**Locator Type:** Contract Locator

**Work area white-lined:** No

**Ticket Number:** 2025499390

**Date Located:** 09/11/2020 10:57 AM America/Denver

**Located By:** Kauffman, Kenneth

## **INTERRUPTION AND RESTORATION**

**Event cause Interruption:** Yes

**Interruption hours:** 8

**Customers Affected (approx.):** 1

## ROOT CAUSE

**Damage within described dig area:** Yes

**Damage within legal time of request limit:** Yes

**Marks destroyed by construction:** No

**Marks destroyed by weather:** No

**Whiskers or flags used:** No

**Offsets were used on hard surfaces:** No

**Line was on prints:** Yes

**At Fault:** Excavator

**Documentation Issue:** No

**Documentation Issue Comments:**

**Tolerance Zone:** No

**Marking Standards:** No

**Marking Standards Comments:**

**Locate Requested:** Yes

**Damage with Tolerance Zone:** Yes

**No Locates on Facility:** No

**Damage Exposed Facility:** No

## COMMENTS

**Assessment Comments:** ELM Tech Ken Kauffman was contacted by one call at 12:35 of a gas damage at the northeast intersection of Fairview Ave and Glendale. Damage was actually down by Railroad Street on Glendale the 4 inch plastic main that was hit was located and the marks were clearly accurate. contractor did pothole and found 3 of the gas lines including one that was dead. There was an extra 4" steel abandon gas main that they uncovered. They were boring the street and fiber in at the time and their bore tip broke through the underside of the 4" Plastic gas main that they did not verify visually. MDU dug in 3 different spots where they had to pinch the lines off to stop the gas from blowing. One customer was affected. 811 was called 911 was called and MDU. When Greg's crew potholed they remove part of the concrete and covered the marks with a large pile of dirt and debris where they hit the line after gas was shut off they pushed to dirt away and plainly showed that the marks were directly over top of the line. Gas blew from 11:18 a.m. to 5:18 p.m.

# INCIDENT AND SURVEY COMPARISON PHOTOS

## SURVEY PHOTO



Date: 09/11/2020 11:00 AM  
America/Denver

Latitude: 44.350278

Longitude: -103.775278

Heading: 34 degrees

## INCIDENT COMPARISON PHOTO



Date: 09/17/2020 01:43 PM  
America/Denver

Latitude: 44.350378

Longitude: -103.775377

Heading: 47 degrees



## SURVEY PHOTO



Ticket: 2025499390.0 Timestamp: 9/11/2020 11:00:31 AM

Date: 09/11/2020 11:00 AM  
America/Denver

Latitude: 44.350278

Longitude: -103.775278

Heading: 28 degrees

## INCIDENT COMPARISON PHOTO



Date: 09/17/2020 01:43 PM  
America/Denver

Latitude: 44.350426

Longitude: -103.775422

Heading: 222 degrees

## SURVEY PHOTO



Ticket: 2025499390.0 Timestamp:9/11/2020 11:00:31 AM

Date: 09/11/2020 11:00 AM  
America/Denver

Latitude: 44.350278

Longitude: -103.775278

Heading: 28 degrees

## INCIDENT COMPARISON PHOTO



Date: 09/17/2020 01:43 PM  
America/Denver

Latitude: 44.350435

Longitude: -103.775355

Heading: 38 degrees



# NEW INCIDENT PHOTOS

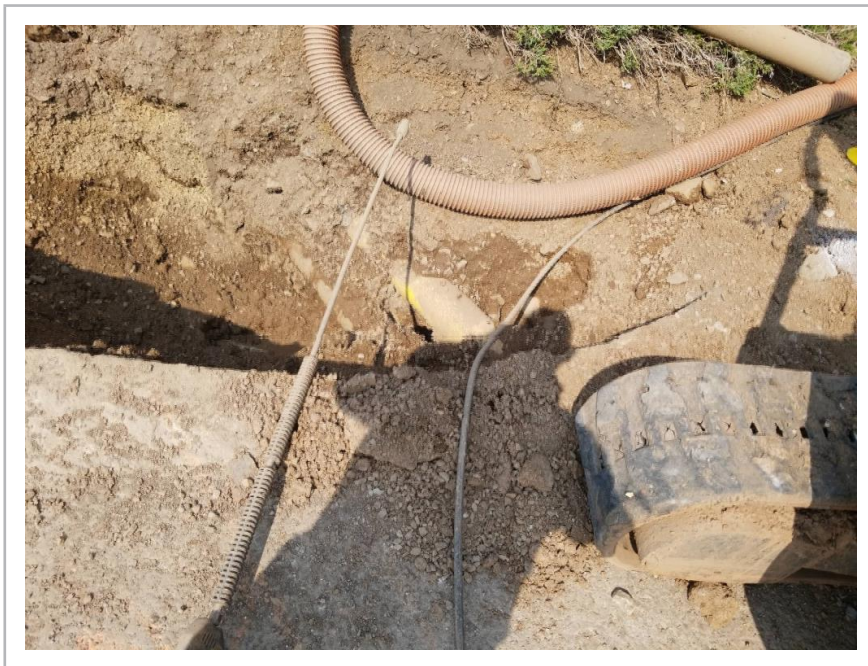


Date: 09/17/2020 01:43 PM  
America/Denver

Latitude: 44.350434

Longitude: -103.775326

Heading: 366 degrees



Date: 09/17/2020 01:43 PM  
America/Denver

Latitude: 44.350464

Longitude: -103.775393

Heading: 56 degrees





Date: 09/17/2020 01:43 PM  
America/Denver

Latitude: 44.350464

Longitude: -103.775393

Heading: 38 degrees



Date: 09/17/2020 01:43 PM  
America/Denver

Latitude: 44.350447

Longitude: -103.775384

Heading: 216 degrees





Date: 09/17/2020 07:18 PM  
America/Denver

Latitude: 44.350495

Longitude: -103.775444

Heading: 240 degrees



Date: 09/17/2020 07:18 PM  
America/Denver

Latitude: 44.350476

Longitude: -103.775431

Heading: 251 degrees



Date: 09/17/2020 07:18 PM  
America/Denver

Latitude: 44.350455

Longitude: -103.775366

Heading: 61 degrees



Date: 09/17/2020 07:18 PM  
America/Denver

Latitude: 44.350499

Longitude: -103.775439

Heading: 232 degrees





Date: 09/17/2020 07:18 PM  
America/Denver

Latitude: 44.350455

Longitude: -103.775366

Heading: 60 degrees



Date: 09/17/2020 07:18 PM  
America/Denver

Latitude: 44.350500

Longitude: -103.775341

Heading: 67 degrees



Date: 09/17/2020 07:18 PM  
America/Denver

Latitude: 44.350431

Longitude: -103.775422

Heading: 176 degrees