South Dakota Spill Report Form

PRCF #: **Case #:** 2026.006

Reported (MM/DD/YY): 1/21/26	Time: 11:15AM	Recorded By: J. McGuire

A. REPORTER

Reported By: Alden Morgan			
Organization Name: SD Department of Military, SDARNG	☑ Discharger ☐ Public ☐ State ☐ Local ☐ Federal		
Phone: 605-737-6830	Email:		
Address: 2823 West Main Street			
City: Rapid City	State: SD	Zip: 57702	

B. DISCHARGER (Responsible Party) ☒ As Above in A

Name:		
Address:		
City:	State:	Zip:
Phone:	Email:	

C. INCIDENT DATE & LOCATION ☒ As Above In B

Spill Date: (MM/DD/YY)	Spill Time:		
Street or Approx. Location: near Ardnt Drive			
Survey Description: 44.078816, -103.270147			
City:	County:	State:	Zip:

D. MATERIAL

Material type (Code/Name): ☐ Hazardous Substance ☐ Oil ☐ Material Unknown ☑ Other	Quantity Spilled	Spilled in Water	Units (Check one)	
Magnesium Chloride	~150		☐ lb. ☐ bbl.	☑ gal. ☐ oth.
			☐ lb. ☐ bbl.	☐ gal. ☐ oth.
			☐ lb. ☐ bbl.	☐ gal. ☐ oth.

E. SOURCE

Source of Spill: ☐ AST ☐ UST ☐ Railway ☑ Transport ☐ Fixed Facility ☐ Pipeline ☐ Highway ☐ Other

Description: Tank on transport truck

Regulated Tank Facility: ☐ Tank Facility ID #:

F. MEDIUM

Medium Affected: ☐ Air ☑ Land ☐ Water ☐ Groundwater ☐ Within Facilities Only

Waterway Affected: Storm Drain ->Lime Creek -> Rapid Creek (did not enter either water body)

G. CAUSE

Reported Cause: ☐ Transportation Accident ☐ Operational Error ☐ Dumping ☐ Equipment Failure ☑ Natural Phenomenon ☐ Unknown ☐ Other

Description: Windblown tank

H. DAMAGES

# of Injuries:	# of Fatalities:

I. ACTIONS

Response Action Taken:

Absorbents were used to attempt to recover released product.

K. NOTIFIED

Responding Agency: ☐ DANR ☑ Local ☑ Discharger ☐ Federal ☐ EPA ☐ Other

Agencies Notified: DANR

K. COMMENTS

Comments:

Storm drain was blocked, effectively preventing the material from entering a nearby creek. The storm drain will need to be cleaned out - contaminated silt can be disposed at a permitted municipal solid waste landfill. Contact Waste Management Program 605.773.3153 for questions on disposal.

Department of Agriculture and Natural Resources
Inspection, Compliance, and Remediation Program
523 East Capitol Avenue
Pierre, South Dakota 57501

Business Hours M – F 8:00-5:00 pm
Normal Business Hours- (605)773-3296
After Business Hours- (605) 773-3231

DEPARTMENT of AGRICULTURE and NATURAL RESOURCES
JOE FOSS BUILDING
523 E CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

January 22, 2026

Alden Morgan
SD Department of Military
2823 Main Street
Rapid City, SD 57702

Subject: Department of Agriculture and Natural Resources File # 2026.006: pertaining to a magnesium chloride release that impacted a storm drain, Camp Rapid, Rapid City, SD.

Dear Mr. Morgan:

The Department of Agriculture and Natural Resources (DANR) is contacting you regarding the event noted above. A copy of the initial spill report form is enclosed for your review. Based upon the information provided, approximately 150 gallons of magnesium chloride solution were released due to high winds damaging a storage tank. The release impacted concrete and entered a nearby storm drain. Absorbents were applied on the concrete, but the product was not recoverable from the storm drain. The procedures for the assessment and cleanup of spills such as this were developed to protect surface and groundwater resources. In this situation, DANR requires the following:

- Properly dispose of used absorbents at a permitted municipal solid waste landfill; and
- By February 22, 2026, please provide a copy of landfill receipts and complete the attached Written Contamination Incident Follow Up Report form.

Jackie McGuire has been assigned as the project manager for this case. She will review the information provided and contact you if further remedial action is necessary. If you have any questions or need additional information, please do not hesitate to contact her at 605.773.3296. Thank you for your cooperation and assistance.

Sincerely,

Trish Kindt
Inspections, Compliance, & Remediation Program
(605) 773-3296

cc Dustin Willett, Pennington County Emergency Manager

INCIDENT FOLLOW-UP REPORT

DANR CASE FILE #: 2026.006

RETURN COMPLETED FORM TO:

SOUTH DAKOTA DEPARTMENT OF AGRICULTURE AND NATURAL RESOURCES (DANR)
INSPECTION, COMPLIANCE, AND REMEDIATION PROGRAM
JOE FOSS BUILDING
523 EAST CAPITOL AVENUE
PIERRE SD 57501-3182

NAME/TYPE OF PRODUCT SPILLED: Magnesium Chloride (Mag Water)

TOTAL AMOUNT OF PRODUCT SPILLED: 130-150 gal

POUNDS OF ACTIVE INGREDIENT SPILLED (fertilizer/pesticide spills): NA

AMOUNT OF PRODUCT RECOVERED: 77 gal

WAS SURFACE WATER OR GROUND WATER IMPACTED BY THE SPILL?: No

SPILL DATE: 1/21/2026 DATE CLEANUP OCCURRED: 1/21/2026

SPILL LOCATION (physical address, directions, distance to nearest intersection or landmark, etc.):
2823 W Main Street, Rapid City, SD, 57702; SW corner of Camp Rapid

LATITUDE/LONGITUDE: 44*04'43"N 103*16'04"W

LAND USE (Residential, Commercial, Agricultural, Industrial, Other – describe): Government

RESPONSIBLE PARTY: SD Department of Military

MAILING ADDRESS: 2823 W Main Street

CITY/STATE: Rapid City TELEPHONE NUMBER: 605-737-6830

PROPERTY OWNER: SD Army National Guard/ SD Department of Military

MAILING ADDRESS: 2823 W Main Street

CITY/STATE: Rapid City TELEPHONE NUMBER: 605-737-6830

CONSULTANT / CLEANUP CONTRACTOR (if applicable): NA

MAILING ADDRESS

CITY/STATE: TELEPHONE NUMBER:

INSURANCE PROVIDER (if applicable): NA

NAME OF INSURED:

POLICY NUMBER: CLAIM NUMBER:

MAILING ADDRESS:

CITY/STATE: TELEPHONE NUMBER:

INCIDENT FOLLOW-UP REPORT (Page 2 of 2)

DANR CASE FILE #: _____

WAS SOIL EXCAVATED?: No DIMENSIONS OF EXCAVATION: _____

CUBIC YARDS EXCAVATED: _____

DISPOSAL SITE (Name of Facility): Will be used Onsite- Salted soil reused in thin layers of MVSC

DISPOSAL DATE: _____ ***If soil was disposed, attach copies of disposal receipts***

FERTILIZER/PESTICIDE SPILLS ONLY

WAS CONTAMINATED SOIL/MATERIAL LAND APPLIED?: _____

APPLICATION DATE _____ ***Requires DANR Pre-Approval***

WAS SPILL CONTAINED TO IMMEDIATE AREA?: Yes

DISTANCE TO AND NAME OF NEAREST SURFACE WATER (include currently dry perennial streams): 25 ft, dry bed of Lime Creek, Rapid City

DISTANCE TO NEAREST WATER WELL (if applicable): _____

OWNER OF NEAREST WATER WELL (if applicable): _____

DESCRIBE RESPONSE ACTION AND ADDITIONAL WORK PLANNED:

Culvert has a soil dam that prevented drainage out of culvert. A puddle was found and pumped out. Waiting for coordination with Rapid City for access to the city grate to remove contaminated soil in the Storm Water culvert. Total liquid collected was 67 gallons pumped out of the culvert. ~10 gallons was collected off the cement.

All product including soil will be applied on facility as an icemelt/soil mixture per intended use.

FORM COMPLETED BY: Alden Morgan DATE: 2/18/2026

E-MAIL ADDRESS: alden.j.morgan.nfg@army.mil

Original – DANR
Copy – Keep for your records.

DEPARTMENT of AGRICULTURE and NATURAL RESOURCES
JOE FOSS BUILDING
523 E CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

November 4, 2026

Alden Morgan
SD Department of Military
2823 Main Street
Rapid City, SD 57702

Re: Closure designation for DANR File #2026.006: pertaining to a magnesium chloride release that impacted a storm drain, Camp Rapid, Rapid City, South Dakota.

Dear Mr. Morgan,

The Department of Agriculture and Natural Resources (DANR) has reviewed the actions taken in response to the above referenced incident. Based on the information provided, there is no risk to human health or further risk to the environment. Therefore, the department is closing this case.

On January 21, 2026, approximately 150 gallons of magnesium chloride were released when a storage tank was damaged by high winds. Approximately 67 gallons of liquid product were recovered. A nearby storm drain and associated culvert were impacted by the release, however, a soil dam prevented the material from leaving the culvert. Contaminated soil and debris from the culvert were scraped up and properly disposed at the Rapid City Solid Waste Landfill. If any future problems arise related to this release, the SD Department of Military may be responsible for performing assessment and further cleanup.

If you have questions or concerns about this site's Closure designation, please contact Jaclyn McGuire of my staff at 605.773.3296. Thank you for your cooperation in protecting South Dakota's water resources.

Sincerely,

Terry Florentz, P.E.
Administrator
Inspection, Compliance, and Remediation Program

cc: Dustin Willett, Pennington County Emergency Manager

From: Morgan, Alden J NFG NG SDARNG (USA)
To: McGuire, Jaclyn
Subject: Re: [EXT] Mag Cl spill - [UNCLASSIFIED]
Date: Thursday, July 30, 2026 10:23:51 AM
Attachments: MAG Water Spill Soil Disposal.pdf

Jackie,

Here is a copy of the landfill receipt. I think I estimated 2 tons, I was way over. It was almost a ton. Moving the 55-gallon drums by hand made me think they were heavier than they were, the truth is I'm a little weaker than I thought!

Thank you for the help and patience,

Alden Morgan
Compliance Program Manager
South Dakota Department of Military, SDARNG
2823 W. Main Street Rapid City, SD 57702
Office: (605) 974-6262
Cell: (850) 582-6308

From: McGuire, Jaclyn <Jaclyn.McGuire@state.sd.us>
Sent: Friday, July 24, 2026 3:08 PM
To: Morgan, Alden J NFG NG SDARNG (USA) <alden.j.morgan.nfg@army.mil>
Subject: RE: Mag Cl spill - [UNCLASSIFIED]

Alden,
This is great. Please send me a copy of the landfill receipt when you get a chance.

Thanks,
Jackie

From: Morgan, Alden J NFG NG SDARNG (USA) <alden.j.morgan.nfg@army.mil>
Sent: Friday, July 24, 2026 4:02 PM
To: McGuire, Jaclyn <Jaclyn.McGuire@state.sd.us>
Subject: Re: [EXT] Mag Cl spill - [UNCLASSIFIED]

Good Afternoon Jackie.

Yes, the storm drain was cleared out of soil Roughly 2 tons of soil was removed and tested. I have it still stored in a Connex. Waiting for time to dispose of it. I am hoping to have time the next week or two.

Due to the culvert soil being so deep and it hadn't been cleaned out in so long (lots of debris in there) and so much Mag Water had soaked into it, it was decided we would take the soil(and debris) to the landfill.

I hope this all makes sense to you as well.

Alden Morgan
Compliance Program Manager
South Dakota Department of Military, SDARNG
2823 W. Main Street Rapid City, SD 57702
Office: (605) 974-6262
Cell: (850) 582-6308

From: McGuire, Jaclyn <Jaclyn.McGuire@state.sd.us>
Sent: Friday, July 24, 2026 8:35 AM
To: Morgan, Alden J NFG NG SDARNG (USA) <alden.j.morgan.nfg@army.mil>
Subject: RE: Mag Cl spill - [UNCLASSIFIED]

Good morning Alden,
I hope all is well. It's been a bit, and I'm hoping that the storm drain has been addressed at this point. Can you confirm?

Thanks,
Jackie McGuire

Jackie McGuire, CPRR | Spills Team Lead
Inspection, Compliance, and Remediation Program
SD Department of Agriculture and Natural Resources
523 East Capitol Ave. Pierre, SD 57501
Office: 605.773.3296 | Cell: 605.295.4146
24-Hour Spill Reporting: 605.773.3231
Spills Reporting Info

From: Morgan, Alden J NFG NG SDARNG (USA) <alden.j.morgan.nfg@army.mil>
Sent: Tuesday, March 31, 2026 2:24 PM
To: McGuire, Jaclyn <Jaclyn.McGuire@state.sd.us>
Subject: Re: [EXT] Mag Cl spill - [UNCLASSIFIED]

10366323

Rapid City Solid Waste
5555 S Highway 79
Rapid City, SD 57701
Phone: (605) 394-4197

Ticket: 10366323
Date: 7/29/2026
Time: 10:02:35 - 10:32:41

Customer: 699993001/National Guard
Truck: CV060
Truck Type: NA/Not Applicable
Comment: MAG WATER

Gross: 12460 LB In Scale 1
Tare: 10940 LB Out Scale 2
Net: 1520 LB
Tons: 0.76

Materials & Services

Origin: NA/Not Applicable
Material: 0071/Hydrocarbon Soil To New Cell
Quantity: 0.76 Ton
Rate: $50.00/TON
Amount: $ 38.00

Total Taxes: $ 0.00
Total Amount: $ 38.00

Weighmaster: Jake R

Driver:

****

From: Morgan, Alden J NFG NG SDARNG (USA)
To: McGuire, Jaclyn
Subject: Re: [EXT] Camp Rapid Mag Water Release - [UNCLASSIFIED]
Date: Wednesday, January 21, 2026 4:07:59 PM
Attachments: image001.png
image002.png

UNCLASSIFIED

So many typos: For Clarifications.

We opened up the storm drain and looked down; there was nearly nothing still down there. It appears to have absorbed into the soil/gravel/debris in the bottom of the storm drain. It is still dry in soil out of the outflow. I have taken photographs to doucment. I called and spoke to Brenton from Rapid City, and he sounded satisfied with the attempt.

Additionally, we offered to clean up the sediment once the weather is better. Brenton said he would have to speak to his foreman before he can agree to letting us do that.

I will continue to keep an eye on it.

Thank you,

Alden Morgan
Compliance Program Manager
South Dakota Department of Military, SDARNG
2823 W. Main Street Rapid City, SD 57702
Office: (605) 737-6830
Cell: (850) 582-6308

From: Morgan, Alden J NFG NG SDARNG (USA) <alden.j.morgan.nfg@army.mil>
Sent: Wednesday, January 21, 2026 2:57 PM
To: McGuire, Jaclyn <Jaclyn.McGuire@state.sd.us>
Subject: Re: Camp Rapid Mag Water Release - [UNCLASSIFIED]

UNCLASSIFIED

Hey Jackie,

We opened up the storm drain and we down, there was nearly nothing still down there. It appears to have absorbed into the soil/gravel/debri in the bottom of the storm drain. It is still dry in soil out of the outflow. I have taken photographs for disposal. I called and spoke to Brenton from Rapid City and he sounded satisfied with the attempt.

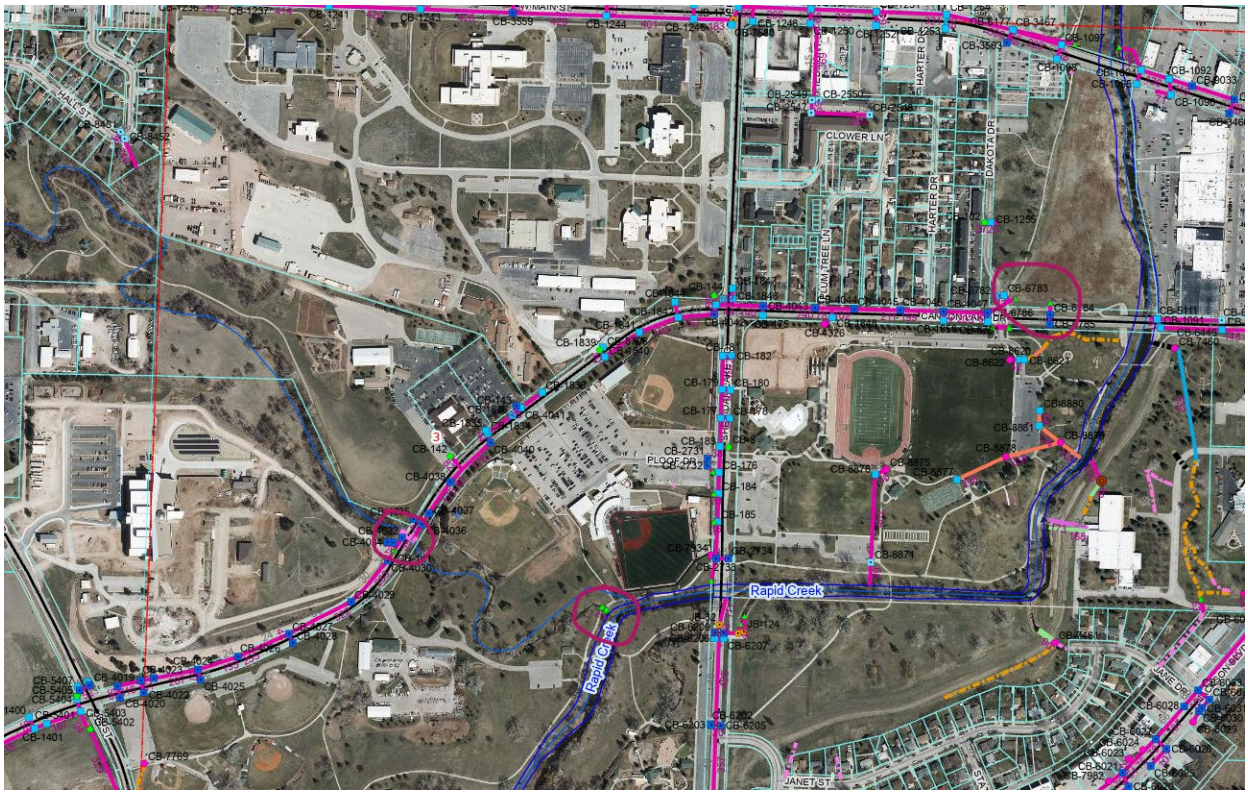
I have also taken a picture of the map that shows the drainage outflow.

Again, thank you for all the help today.

Alden Morgan
Compliance Program Manager
South Dakota Department of Military, SDARNG
2823 W. Main Street Rapid City, SD 57702
Office: (605) 737-6830
Cell: (850) 582-6308

From: McGuire, Jaclyn <Jaclyn.McGuire@state.sd.us>
Sent: Wednesday, January 21, 2026 11:11 AM
To: Morgan, Alden J NFG NG SDARNG (USA) <alden.j.morgan.nfg@army.mil>
Subject: RE: Camp Rapid Mag Water Release - [UNCLASSIFIED]

So I found this map on Rapid City's website. It of course does not include the infrastructure for the base. But I'd guess that stormwater flows to the unnamed creek on the south side that goes into Rapid Creek. Otherwise it's going to go into a field on the east side that I circled. So the circled areas on/near Rapid Creek would be the ones I recommend checking, only if it is safe to do so.



From: Morgan, Alden J NFG NG SDARNG (USA) <alden.j.morgan.nfg@army.mil>
Sent: Wednesday, January 21, 2026 11:19 AM
To: McGuire, Jaclyn <Jaclyn.McGuire@state.sd.us>
Subject: Re: [EXT] Camp Rapid Mag Water Release - [UNCLASSIFIED]

UNCLASSIFIED



Alden Morgan
Compliance Program Manager
South Dakota Department of Military, SDARNG
2823 W. Main Street Rapid City, SD 57702
Office: (605) 737-6830
Cell: (850) 582-6308

From: Morgan, Alden J NFG NG SDARNG (USA) <alden.j.morgan.nfg@army.mil>
Sent: Wednesday, January 21, 2026 10:12 AM
To: McGuire, Jaclyn <jaclyn.mcguire@state.sd.us>
Subject: Camp Rapid Mag Water Release - [UNCLASSIFIED]

UNCLASSIFIED
Good Morning Jackie.

I recieved a phone call at 8:50 this morning that while unloading a mag water tank from one of our tucks the wind caught it and roughly 130-150 gallons of mag water(a 300 gallon tank that was half full) was spilled onto the concrete. I went down to look and when I got there it looked like it had all ran down the curb into the storm drain. We used spill supplies, socks and pillows. But less than 5 gallons of liquid was absorbed. Unsure how much was spread through the concrete, but the storm drain was contaminated.

I will type up the report and send it to you. I have attached pictures.

Please let me know what I need to do. (I'm very sick of this wind)

Thank you,

Alden Morgan
Compliance Program Manager
South Dakota Department of Military, SDARNG
2823 W. Main Street Rapid City, SD 57702
Office: (605) 737-6830
Cell: (850) 582-6308
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Absorbent Sock









