South Dakota Spill Report Form

PRCF #: **Case #:** 2025.081

Reported (MM/DD/YY): 6/24/25	Time:	Recorded By: TK

A. REPORTER

Reported By: Jasmine McCauley - reported to Eric Holm (DANR Mining Program)			
Organization Name: Coeur Mining - Wharf		☑ Discharger ☐ Public ☐ State ☐ Local ☐ Federal	
Phone: 605-584-1441		Email: wharf@coeur.com	
Address: 10928 Wharf Road			
City: Lead	State: SD	Zip: 57754	

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) 6/24/25	Spill Time:		
Street or Approx. Location:			
Survey Description:			
City: Lead	County: Lawrence	State: SD	Zip: 57754

D. MATERIAL

Material type (Code/Name): ☐ Hazardous Substance ☐ Oil ☐ Material Unknown ☐ Other	Quantity Spilled	Spilled in Water	Units (Check one)	
Cyanide	5		☐ 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 leak

Regulated Tank Facility: ☐ Tank Facility ID #:

F. MEDIUM

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

Waterway Affected:

G. CAUSE

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

Description: tank leak

H. DAMAGES

# of Injuries:	# of Fatalities:

I. ACTIONS

Response Action Taken:

K. NOTIFIED

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

Agencies Notified:

K. COMMENTS

Comments:

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

Jasmine McCauley
Coeur Wharf
10928 Wharf Road
Lead, SD 57754

June 25, 2025

Subject: Department of Agriculture and Natural Resources File Number 2025.081: Release of Cyanide from a storage tank at the Wharf Mine.

Dear Ms. McCauley:

The Department of Environment and Natural Resources is contacting you regarding the event noted above. A copy of the initial spill report form is enclosed for your review.

Based on the information provided, Cyanide leaked from a tank at the facility. The spilled material impacted the secondary containment area, a lined ditch, and the barren pond. All these structures are within the permitted area. Reportedly no cyanide has impacted soil, ground water, or naturally occurring surface water. In response to the release, Wharf cleaned the secondary containment area and washed cyanide solution to the barren pond. Cyanide concentrations in the pond are being closely monitored. Taking into consideration the steps that have already been taken, DENR requires the following:

- Repair the leak as soon as is safely possible, and keep DANR staff appraised on the progress of this repair work;
- Neutralize/decontaminate the secondary containment structure:
- Continue sampling the barren pond until the tank is repaired;
- Continue efforts to deter wildlife from impacted areas;
- By July 24, 2025, complete the attached Written Contamination Incident Follow Up Report form (some questions will not apply to this situation, just skip those questions). Return the form along with a written narrative detailing the actions taken. Provide site/spill area photographs, and include any applicable analytical data or disposal documentation.

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

Sincerely,

Trish Kindt
DANR Inspection Compliance and Remediation Program
(605) 773-3296

cc Paul Thompson, Lawrence County Emergency Manager
Eric Holm, DANR Mineral, Mining and Superfund Program
Matt Hicks, DANR Water Quality Program

Docusign Envelope ID: 2AEAB989-89B7-49F8-A4C8-C023A04D203B

INCIDENT FOLLOW-UP REPORT

DANR CASE FILE #: 2025.081

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: NaCN Solution

TOTAL AMOUNT OF PRODUCT SPILLED: 5 Gallons

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

AMOUNT OF PRODUCT RECOVERED: 5 Gallons

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

SPILL DATE: 06/24/25 DATE CLEANUP OCCURRED: 06/25/25

SPILL LOCATION (physical address, directions, distance to nearest intersection or landmark, etc.): _____
Wharf Resources

LATITUDE/LONGITUDE: 44.345900, -103.859255

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

RESPONSIBLE PARTY: Wharf Resources

MAILING ADDRESS: 10928 Wharf Road

CITY/STATE: Lead, SD TELEPHONE NUMBER: (605) 584-4112

PROPERTY OWNER: _____

MAILING ADDRESS: _____

CITY/STATE: _____ TELEPHONE NUMBER: _____

CONSULTANT / CLEANUP CONTRACTOR (if applicable): _____

MAILING ADDRESS _____

CITY/STATE: _____ TELEPHONE NUMBER: _____

INSURANCE PROVIDER (if applicable): _____

NAME OF INSURED: _____

POLICY NUMBER: _____ CLAIM NUMBER: _____

MAILING ADDRESS: _____

CITY/STATE: _____ TELEPHONE NUMBER: _____

Original – DANR
Copy – Keep for your records.

Docusign Envelope ID: 2AEAB989-89B7-49F8-A4C8-C023A04D203B

INCIDENT FOLLOW-UP REPORT (Page 2 of 2)

DANR CASE FILE #: 2025.081

WAS SOIL EXCAVATED?: No soil impacted DIMENSIONS OF EXCAVATION: _____

CUBIC YARDS EXCAVATED: _____

DISPOSAL SITE (Name of Facility): _____

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, spill within containment.

DISTANCE TO AND NAME OF NEAREST SURFACE WATER (include currently dry perennial streams): _____

DISTANCE TO NEAREST WATER WELL (if applicable): _____

OWNER OF NEAREST WATER WELL (if applicable): _____

DESCRIBE RESPONSE ACTION AND ADDITIONAL WORK PLANNED:

See cover letter.

FORM COMPLETED BY: Emma Thompson DATE: 07/17/2025

E-MAIL ADDRESS: ethompson@coeur.com

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

July 21, 2025

Jasmine McCauley
Coeur Wharf
10928 Wharf Road
Lead, SD 57754

Re: Closure designation for DANR File #2025.081: pertaining to a release of Cyanide Solution from a storage tank at the Wharf Mine.

Dear Ms. McCauley:

The Department of Agriculture and Natural Resources (DANR) has reviewed the available information regarding 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.

Spilled cyanide solution in containment was diluted and emptied into overflow pond through a lined ditch. Secondary containment and the lined ditch were promptly decontaminated and the leak in the tank piping was repaired. If any future problems arise related to this release, Coeur Wharf may be responsible to perform further assessment and cleanup.

If you have questions or concerns about this site's Closure designation, please contact Jamison Smith of my staff at 605.773.3296. Thank you for your cooperation in cleaning up this release.

Sincerely,

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

cc: Paul Thompson, Lawrence County EM
Eric Holm, DANR Minerals Mining and Superfund Program
Matt Hicks, DANR Water Quality Program

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COEUR WHARF™

Wharf Resources (USA), Inc.

July 17, 2025

Ms. Trish Kindt
Mr. Jamison Smith
Inspection Compliance and Remediation Program
SD DANR
Joe Foss Building
523 East Capitol Avenue
Pierre, South Dakota 57501

RE: DANR File Number 2025.081: Wharf release of cyanide from CN mix tank into secondary containment

Dear Ms. Kindt and Mr. Smith,

Below is an update to our original notification of a release of cyanide from the cyanide mix tank into secondary containment outlining our corrective actions:

- The secondary containment area and ditch were safely decontaminated within 24 hours of finding the spill. The tank was diluted and emptied into the overflow pond.
- The pond was monitored to ensure it stayed below 50ppm WAD for the duration of the leak and during decontamination activities.
- The lined ditch between the secondary containment and pond was also attended to deter any wildlife from this area during these activities.
- The cyanide mix tank piping has been repaired. It is suspected that the weight of the valving and changing weather conditions added strain to the piping and associated welds causing the weld to fail. Additional support has been added to the piping in this area to better protect the piping.
- The piping from the tank secondary containment has been extended to the pond and is now completely enclosed.
- The frequency of inspections of the CN mix tank containment area will increase.

Please also find attached completed Written Contamination Incident Follow Up Report form, South Dakota Spill Report form, associated overflow pond samples, and pictures of the original spill and follow up repairs.

Please contact me at 575-499-5626 if you require additional information.

Sincerely,

Signed by:
Jasmine McCauley
056391FA5865492...
Jasmine McCauley
Environmental Manager

10928 Wharf Road • Lead, South Dakota 57754-9710
Telephone (605) 584-1441 • Fax (605) 584-4188

Docusign Envelope ID: 2AEAB989-89B7-49F8-A4C8-C023A04D203B

COEUR WHARF™

Cc:
Paul Thompson, Lawrence County Emergency Manager
Eric Holm, DANR Mineral Mining and Superfund Program
Matt Hicks, DANR Water Quality Program
Ken Nelson, Wharf General Manager
John Key, Process Manager

10928 Wharf Road • Lead, South Dakota 57754-9710
Telephone (605) 584-1441 • Fax (605) 584-4188

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MIDCONTINENT
TESTING LABORATORIES, INC.

2381 South Plaza Drive P.O. Box 3388 Rapid City, SD 57709
(605) 348-0111 -- www.thechemistrylab.com

Sample Site: OVERFLOW POND
Sampled: 06/24/25 at 08:30 PM by Emma Thompson
Sample Matrix: Water

Lab ID#: 20250627401
Received: 06/26/25 at 05:15 PM by Bobbie Laurenz
Account: W1002 - WHARF RESOURCES(USA),INC

JASMINE MCCAULEY
WHARF RESOURCES(USA),INC.
10928 WHARF ROAD
LEAD, SD 577549710

Parameter	Result	Units	DF	MDL	PQL	Method	Analyst/Date	
Non-Metallics								
Cyanide, Total	26.8	mg/L	400	0.360	4.00	Kelada 01	TMN	06/27/25
Cyanide, WAD	24.0	mg/L	400	0.268	4.00	Kelada 01	TMN	06/27/25

Report Approved By:

Report Approved On: 6/28/2025 3:54:09 PM

Docusign Envelope ID: 2AEAB989-89B7-49F8-A4C8-C023A04D203B

MIDCONTINENT
TESTING LABORATORIES, INC.

2381 South Plaza Drive P.O. Box 3388 Rapid City, SD 57709
(605) 348-0111 -- www.thechemistrylab.com

Sample Site: OVERFLOW POND
Sampled: 06/24/25 at 09:30 PM by Emma Thompson
Sample Matrix: Water

Lab ID#: 20250627402
Received: 06/26/25 at 05:15 PM by Bobbie Laurenz
Account: W1002 - WHARF RESOURCES(USA),INC

JASMINE MCCAULEY
WHARF RESOURCES(USA),INC.
10928 WHARF ROAD
LEAD, SD 577549710

Parameter	Result	Units	DF	MDL	PQL	Method	Analyst/Date	
Non-Metallics								
Cyanide, Total	27.2	mg/L	400	0.360	4.00	Kelada 01	TMN	06/27/25
Cyanide, WAD	24.6	mg/L	400	0.268	4.00	Kelada 01	TMN	06/27/25

Report Approved By:

Report Approved On: 6/28/2025 3:54:09 PM

Docusign Envelope ID: 2AEAB989-89B7-49F8-A4C8-C023A04D203B

MIDCONTINENT
TESTING LABORATORIES, INC.

2381 South Plaza Drive P.O. Box 3388 Rapid City, SD 57709
(605) 348-0111 -- www.thechemistrylab.com

Sample Site: OVERFLOW POND
Sampled: 06/24/25 at 10:25 PM by Emma Thompson
Sample Matrix: Water

Lab ID#: 20250627403
Received: 06/26/25 at 05:15 PM by Bobbie Laurenz
Account: W1002 - WHARF RESOURCES(USA),INC

JASMINE MCCAULEY
WHARF RESOURCES(USA),INC.
10928 WHARF ROAD
LEAD, SD 577549710

Parameter	Result	Units	DF	MDL	PQL	Method	Analyst/Date	
Non-Metallics								
Cyanide, Total	27.7	mg/L	400	0.360	4.00	Kelada 01	TMN	06/27/25
Cyanide, WAD	23.3	mg/L	400	0.268	4.00	Kelada 01	TMN	06/27/25

Report Approved By:

Report Approved On: 6/28/2025 3:54:09 PM

Docusign Envelope ID: 2AEAB989-89B7-49F8-A4C8-C023A04D203B

MIDCONTINENT
TESTING LABORATORIES, INC.

2381 South Plaza Drive P.O. Box 3388 Rapid City, SD 57709
(605) 348-0111 -- www.thechemistrylab.com

Sample Site: OVERFLOW POND
Sampled: 06/24/25 at 11:25 PM by Emma Thompson
Sample Matrix: Water

Lab ID#: 20250627404
Received: 06/26/25 at 05:15 PM by Bobbie Laurenz
Account: W1002 - WHARF RESOURCES(USA),INC

JASMINE MCCAULEY
WHARF RESOURCES(USA),INC.
10928 WHARF ROAD
LEAD, SD 577549710

Parameter	Result	Units	DF	MDL	PQL	Method	Analyst/Date	
Non-Metallics								
Cyanide, Total	**26.1**	mg/L	400	0.360	4.00	Kelada 01	TMN	06/27/25
Cyanide, WAD	**24.9**	mg/L	400	0.268	4.00	Kelada 01	TMN	06/27/25

Report Approved By:

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MIDCONTINENT
TESTING LABORATORIES, INC.

2381 South Plaza Drive P.O. Box 3388 Rapid City, SD 57709
(605) 348-0111 -- www.thechemistrylab.com

Sample Site: OVERFLOW POND
Sampled: 06/25/25 at 12:25 AM by Emma Thompson
Sample Matrix: Water

Lab ID#: 20250627405
Received: 06/26/25 at 05:15 PM by Bobbie Laurenz
Account: W1002 - WHARF RESOURCES(USA),INC

JASMINE MCCAULEY
WHARF RESOURCES(USA),INC.
10928 WHARF ROAD
LEAD, SD 577549710

Parameter	Result	Units	DF	MDL	PQL	Method	Analyst/Date	
Non-Metallics								
Cyanide, Total	27.2	mg/L	400	0.360	4.00	Kelada 01	TMN	06/27/25
Cyanide, WAD	25.5	mg/L	400	0.268	4.00	Kelada 01	TMN	06/27/25

Report Approved By:

Report Approved On: 6/28/2025 3:54:09 PM

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MIDCONTINENT
TESTING LABORATORIES, INC.

2381 South Plaza Drive P.O. Box 3388 Rapid City, SD 57709
(605) 348-0111 -- www.thechemistrylab.com

Sample Site: OVERFLOW POND
Sampled: 06/25/25 at 01:25 AM by Emma Thompson
Sample Matrix: Water

Lab ID#: 20250627406
Received: 06/26/25 at 05:15 PM by Bobbie Laurenz
Account: W1002 - WHARF RESOURCES(USA),INC

JASMINE MCCAULEY
WHARF RESOURCES(USA),INC.
10928 WHARF ROAD
LEAD, SD 577549710

Parameter	Result	Units	DF	MDL	PQL	Method	Analyst/Date	
Non-Metallics								
Cyanide, Total	29.7	mg/L	400	0.360	4.00	Kelada 01	TMN	06/27/25
Cyanide, WAD	26.2	mg/L	400	0.268	4.00	Kelada 01	TMN	06/27/25

Report Approved By:

Report Approved On: 6/28/2025 3:54:09 PM

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MIDCONTINENT
TESTING LABORATORIES, INC.

2381 South Plaza Drive P.O. Box 3388 Rapid City, SD 57709
(605) 348-0111 -- www.thechemistrylab.com

Sample Site: OVERFLOW POND
Sampled: 06/25/25 at 02:25 AM by Emma Thompson
Sample Matrix: Water

Lab ID#: 20250627407
Received: 06/26/25 at 05:15 PM by Bobbie Laurenz
Account: W1002 - WHARF RESOURCES(USA),INC

JASMINE MCCAULEY
WHARF RESOURCES(USA),INC.
10928 WHARF ROAD
LEAD, SD 577549710

Parameter	Result	Units	DF	MDL	PQL	Method	Analyst/Date	
Non-Metallics								
Cyanide, Total	29.0	mg/L	400	0.360	4.00	Kelada 01	TMN	06/27/25
Cyanide, WAD	25.7	mg/L	400	0.268	4.00	Kelada 01	TMN	06/27/25

Report Approved By:

Report Approved On: 6/28/2025 3:54:09 PM

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MIDCONTINENT
TESTING LABORATORIES, INC.

2381 South Plaza Drive P.O. Box 3388 Rapid City, SD 57709
(605) 348-0111 -- www.thechemistrylab.com

Sample Site: OVERFLOW POND
Sampled: 06/25/25 at 03:25 AM by Emma Thompson
Sample Matrix: Water

Lab ID#: 20250627408
Received: 06/26/25 at 05:15 PM by Bobbie Laurenz
Account: W1002 - WHARF RESOURCES(USA),INC

JASMINE MCCAULEY
WHARF RESOURCES(USA),INC.
10928 WHARF ROAD
LEAD, SD 577549710

Parameter	Result	Units	DF	MDL	PQL	Method	Analyst/Date	
Non-Metallics								
Cyanide, Total	26.8	mg/L	400	0.360	4.00	Kelada 01	TMN	06/27/25
Cyanide, WAD	25.3	mg/L	400	0.268	4.00	Kelada 01	TMN	06/27/25

Report Approved By:

Report Approved On: 6/28/2025 3:54:09 PM

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MIDCONTINENT
TESTING LABORATORIES, INC.

2381 South Plaza Drive P.O. Box 3388 Rapid City, SD 57709
(605) 348-0111 -- www.thechemistrylab.com

Sample Site: OVERFLOW POND
Sampled: 06/25/25 at 04:25 AM by Emma Thompson
Sample Matrix: Water

Lab ID#: 20250627409
Received: 06/26/25 at 05:15 PM by Bobbie Laurenz
Account: W1002 - WHARF RESOURCES(USA),INC

JASMINE MCCAULEY
WHARF RESOURCES(USA),INC.
10928 WHARF ROAD
LEAD, SD 577549710

Parameter	Result	Units	DF	MDL	PQL	Method	Analyst/Date	
Non-Metallics								
Cyanide, Total	27.7	mg/L	400	0.360	4.00	Kelada 01	TMN	06/27/25
Cyanide, WAD	25.1	mg/L	400	0.268	4.00	Kelada 01	TMN	06/27/25

Report Approved By:

Report Approved On: 6/28/2025 3:54:09 PM

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TESTING LABORATORIES, INC.

2381 South Plaza Drive P.O. Box 3388 Rapid City, SD 57709
(605) 348-0111 -- www.thechemistrylab.com

Sample Site: OVERFLOW POND
Sampled: 06/25/25 at 05:25 AM by Emma Thompson
Sample Matrix: Water

Lab ID#: 20250627410
Received: 06/26/25 at 05:15 PM by Bobbie Laurenz
Account: W1002 - WHARF RESOURCES(USA),INC

JASMINE MCCAULEY
WHARF RESOURCES(USA),INC.
10928 WHARF ROAD
LEAD, SD 577549710

Parameter	Result	Units	DF	MDL	PQL	Method	Analyst/Date	
Non-Metallics								
Cyanide, Total	27.4	mg/L	400	0.360	4.00	Kelada 01	TMN	06/27/25
Cyanide, WAD	24.2	mg/L	400	0.268	4.00	Kelada 01	TMN	06/27/25

Report Approved By:

Report Approved On: 6/28/2025 3:54:09 PM

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Docusign Envelope ID: 2AEAB989-89B7-49F8-A4C8-C023A04D203B

NaCN Tank Repair

Docusign Envelope ID: 2AEAB989-89B7-49F8-A4C8-C023A04D203B

Drainage Ditch Pipe Extension

