South Dakota Spill Report Form

PRCF #: **Case #:** 2026.087

Reported (MM/DD/YY): 6/11/26	Time:	Recorded By: JS	

A. REPORTER

Reported By: Bonita Goode			
Organization Name: Sanford Underground Research Facility		☑ Discharger ☐ Public ☐ State ☐ Local ☐ Federal	
Phone:		Email: bgoode@sanfordlab.org	
Address: 630 E Summit Street			
City: Lead	State: SD	Zip: 57754	

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

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

C. INCIDENT DATE & LOCATION ☒ As Above In B

Spill Date: (MM/DD/YY) 06/03/26	Spill Time:		
Street or Approx. Location:			
Survey Description:			
City:	County:	State:	Zip:

D. MATERIAL

Material type (Code/Name): ☐ Hazardous Substance ☐ Material Unknown ☑ Oil ☐ Other

Quantity Spilled	Spilled in Water	Units (Check one)	
unknown	n/a	☐ 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: Transformer

Regulated Tank Facility: ☐ Tank Facility ID #:

F. MEDIUM

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

Waterway Affected: n/a

G. CAUSE

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

Description: Leak in Transformer

H. DAMAGES

# of Injuries: 0 # of Fatalities: 0

I. ACTIONS

Response Action Taken:
Hiring contractor to fix leak

K. NOTIFIED

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

Agencies Notified: DANR

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

June 11, 2026

Bonita Goode
Sanford Underground Research Facility
630 E Summit Street
Lead, SD 57754

Subject: Department of Agriculture and Natural Resources File # 2026.087: pertaining to a release of non-PCB transformer oil at the Sanford Underground Research Facility in Lead.

Dear Ms. Goode:

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 on the information provided, an unknown quantity of non-PCB mineral oil was released from a transformer at the Sanford Underground Research Facility. 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:

- Provide documentation that spilled transformer oil does not contain PCBs;
- Apply absorbents to the contaminated concrete pad;
- Remove and dispose of contaminated materials (absorbents, rocks, etc.) at a permitted municipal solid waste landfill or with a Waste Hauling service;
- Provide this office with a copy of disposal receipts, as well as cleanup photos;
- By July 13, 2026, please complete and return the attached Written Contamination Incident Follow Up Report form.

Jamison Smith has been assigned as the project manager for this case. He 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 him at 605.773.3296. Thank you for your cooperation and assistance.

Sincerely,

Jamison Smith for

Jaclyn McGuire
Inspections, Compliance, & Remediation Program
(605) 773-3296

cc Paul Thomson, Lawrence County Emergency Manager

INCIDENT FOLLOW-UP REPORT

DANR CASE FILE #: 2026.087

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: Non-PCB Transformer Oil

TOTAL AMOUNT OF PRODUCT SPILLED: Approximately 40 gallons

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

AMOUNT OF PRODUCT RECOVERED: 0 gallons

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

SPILL DATE: 06/11/26 DATE CLEANUP OCCURRED: 07/07/26-07/08/26

SPILL LOCATION (physical address, directions, distance to nearest intersection or landmark, etc.):
630 E Summit St, Lead, SD (Wastewater Treatment Plant)

LATITUDE/LONGITUDE: 44°21'13.24"N, 103°44'34.86"W

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

RESPONSIBLE PARTY: South Dakota Science and Technology Authority (SDSTA)

MAILING ADDRESS: 630 E Summit St

CITY/STATE: Lead, SD TELEPHONE NUMBER: 605-430-5030

PROPERTY OWNER: SDSTA

MAILING ADDRESS:

CITY/STATE: TELEPHONE NUMBER:

CONSULTANT / CLEANUP CONTRACTOR (if applicable): N/A

MAILING ADDRESS

CITY/STATE: TELEPHONE NUMBER:

INSURANCE PROVIDER (if applicable): N/A

NAME OF INSURED:

POLICY NUMBER: CLAIM NUMBER:

MAILING ADDRESS:

CITY/STATE: TELEPHONE NUMBER:

INCIDENT FOLLOW-UP REPORT (Page 2 of 2)

DANR CASE FILE #: 2026.087

WAS SOIL EXCAVATED?: Yes - Rock DIMENSIONS OF EXCAVATION: 2 ft x 6 in x 10" deep

CUBIC YARDS EXCAVATED: Approx .05 cubic yard

DISPOSAL SITE (Name of Facility): TBD

DISPOSAL DATE: TBD

If soil was disposed, attach copies of disposal receipts

FERTILIZER/PESTICIDE SPILLS ONLY **!!REQUIRES DANR PRE-APPROVAL!!**

WILL THE CONTAMINATED SOIL/MATERIAL BE LAND APPLIED?: _____

WHAT CROP IS/WILL BE GROWN ON THE LAND APPLICATION SITE?: _____

LEGAL DESCRIPTION OF THE LAND APPLICATION SITE: _____

TOTAL ACRES SOIL/MATERIAL WILL BE APPLIED TO: _____

YARDS/POUNDS/ETC. OF SOIL/MATERIAL TO BE APPLIED: _____

CONCENTRATION OF CHEMICAL IN THE SOIL/MATERIAL TO BE APPLIED?: _____

THIS SECTION FOR DANR OFFICE USE ONLY

LAND APPLICATION APPROVAL DATE: _____

APPLICATION APPROVED BY: _____

WAS SPILL CONTAINED TO IMMEDIATE AREA?: Yes

DISTANCE TO AND NAME OF NEAREST SURFACE WATER (include currently dry perennial streams): Whitewood Creek, approximately 250 yards

DISTANCE TO NEAREST WATER WELL (if applicable): _____

OWNER OF NEAREST WATER WELL (if applicable): _____

DESCRIBE RESPONSE ACTION AND ADDITIONAL WORK PLANNED:

The oil leak completely stopped by June 11th and approximately 40 gallons had leaked. Of that, the transformer containment structure held 30-35 gallons, which means that a max of 5-10 gallons had escaped onto the concrete mounting pad outside of the containment. Of that, less than 1 gallon escaped off the concrete pad onto the rocks and ground around it. The containment system did not fail; the surface tension of the oil caused it to drip down the sides of the transformer that are mounted directly to the concrete around the containment structure. Absorbent blankets and roll pads soaked up the free oil on the concrete pad, and there is no evidence of continued leaks since they were put in place. The contaminated absorbents, rocks and underlying soil were removed, containerized, and labeled and will be disposed of at a permitted MSWL or through a waste hauling service.

FORM COMPLETED BY: Bonita Goode DATE: 07/13/26

E-MAIL ADDRESS: bgoode@sanfordlab.org

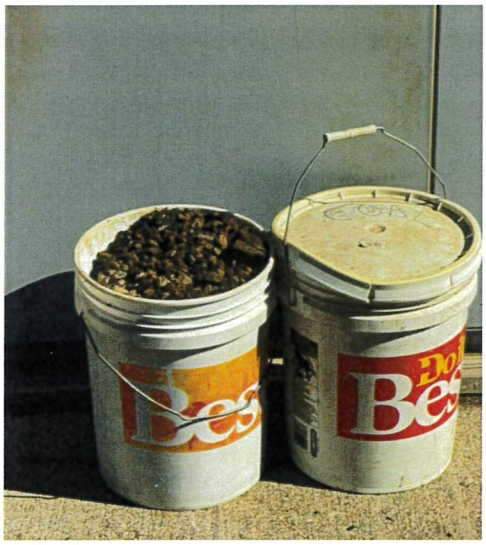
Original – DANR
Copy – Keep for your records.

DANR Case File #: 2026.087

Before Cleanup (6/11/16)



Contaminated Rock (7/8/26)



After Cleanup (7/8/26)



From: Bonita Goode <bgoode@sanfordlab.org>
Sent on: Thursday, June 18, 2026 2:13:38 PM
To: Smith, Jamison <Jamison.Smith@state.sd.us>
CC: pthomson <pthomson@lawrence.sd.us>; McGuire, Jaclyn <Jaclyn.McGuire@state.sd.us>; Trey Wammen <twammen@sanfordlab.org>; Zachary Adam <zadam@sanfordlab.org>; Julie Ewing <jewing@sanfordlab.org>; Juan Molina <jmolina@sanfordlab.org>
Subject: Re: Message from NRPR1P22 - Leaking (Drip) Non-PCB Transformer

Hi Jamison-

Below is the non-PCB information that you requested. We are still working on getting ECS Contractors scheduled to perform the transformer repair and cleanup will follow. I will let you know as soon as we have a date scheduled for the repair. As of now, the dripping has ceased.

Let me know if you have any questions.

Thank you,
Bonita

Bonita Goode
Environmental Manager
Environmental, Safety, and Health Department
Sanford Underground Research Facility
630 E. Summit St. Lead, SD 57754
phone: 605.722.5030
mobile: 605.430.5969
www.sanfordlab.org

TRANSFORMER OIL TESTING

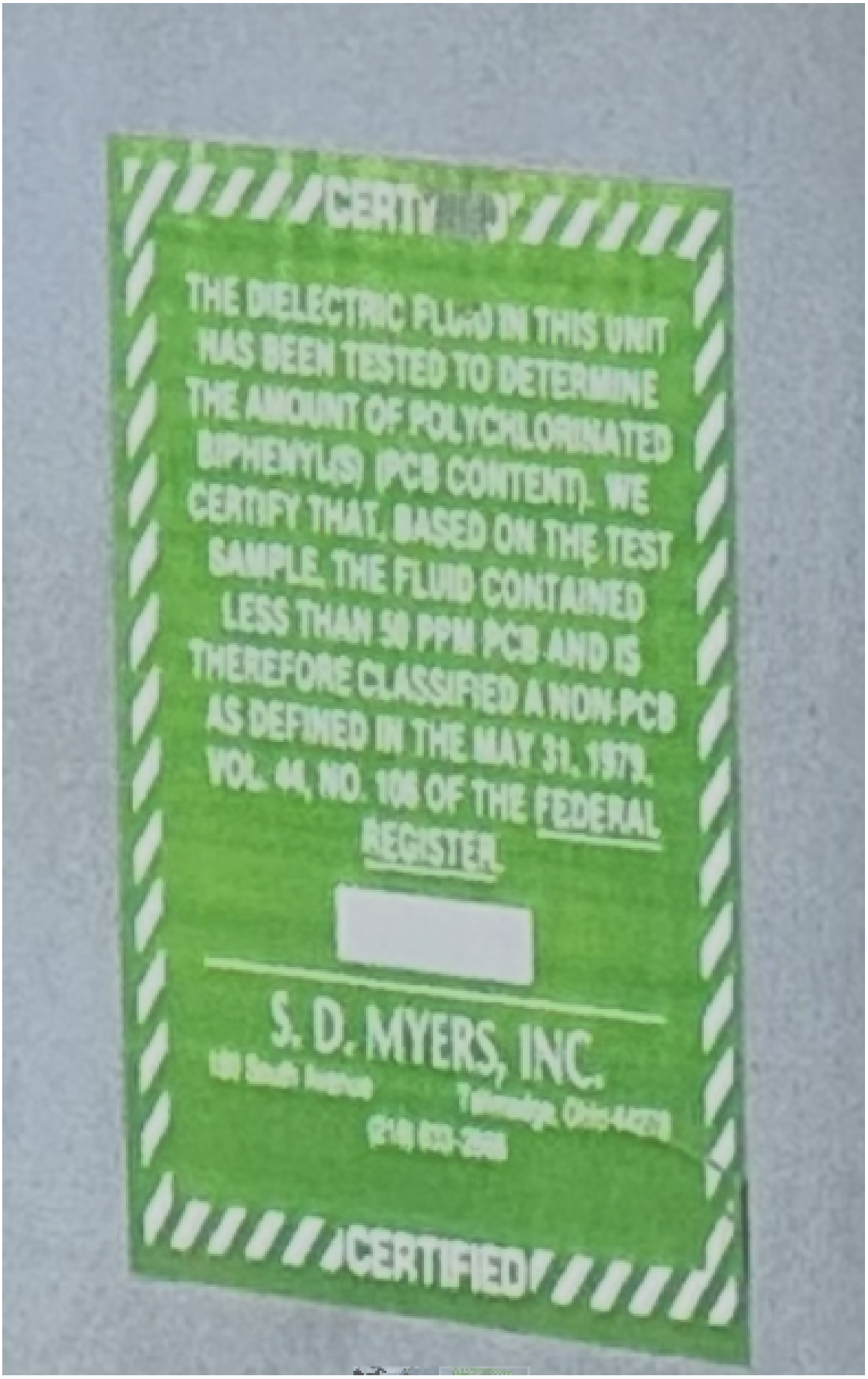
LOCATION:

U = Underground in use S = Surface in use
Z = Disposed of (gone) TS = Stored on top

HM #	TC #		LOCATION CURRENT OR FORMER LOCATION IF DISPOSED	SERIAL #	PCB ppm	OIL SAMPLE	TYPE	KVA	PRI VOLT	SEC VOLT	GAL	DIAL. 3.5 KG	PLT. WT.
A96	9096	S	WW. Trt Plt.	M124211	ND		TFR3	1500	12600	480	237	829.5	7415



DANR CASE FILE # 2026.087


CERTIFIED
THE DIELECTRIC FLUID IN THIS UNIT
HAS BEEN TESTED TO DETERMINE
THE AMOUNT OF POLYCHLORINATED
BIPHENYL(S) (PCB CONTENT). WE
CERTIFY THAT, BASED ON THE TEST
SAMPLE, THE FLUID CONTAINED
LESS THAN 50 PPM PCB AND IS
THEREFORE CLASSIFIED A NON-PCB
AS DEFINED IN THE MAY 31, 1979,
VOL. 44, NO. 106 OF THE FEDERAL
REGISTER.
S. D. MYERS, INC.
CERTIFIED

