



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 E CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

January 9, 2023

Central Plains Automation
1501 W 4th Ave
Mitchell, SD 57301

Re: Closure designation for DANR File # 2023.003: pertaining to a Liquid Nitrogen release at Central Plains Automation, 1501 W 4th Ave, Mitchell, South Dakota.

To Whom it may concern:

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.

Based on information provided, the liquid nitrogen leaked from a punctured line and volatilized into the air. First responders on site monitored the release until the tank and line stopped leaking. If any future problems arise related to this release, Central Plains Automation may be responsible to perform assessment and cleanup.

If you have questions or concerns about this site's closure designation, DANR spill case file information is publicly available at <https://apps.sd.gov/NR42InteractiveMap#>, or contact Gage Koistinen of my staff at 605.773.3296. Thank you for your cooperation and willingness to protect South Dakota's natural resources.

Sincerely,

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

cc: Jeff Bathke, Davison County Emergency Manager, Mitchell, SD

South Dakota Spill Report Form

PRCF No.

Case No. **2023.001**

Reported: (mm/dd/yy) 01/06/23		Time: 9:00PM		Recorded By: GK		
A. REPORTER	Reported By: Autumn Stout					
	Organization Name: SD DPS OEM					
	Organization: <input type="checkbox"/> discharger <input type="checkbox"/> public <input checked="" type="checkbox"/> state <input type="checkbox"/> local <input type="checkbox"/> federal					
	Address: 221 South Central Avenue					
	City: Pierre		County: Hughes		State: SD	
Zip: 57501		Phone: 6057733231				
B. DISCHARGER (Responsible Party)	Name: Central Plains Automation					
	Address: 1501 W 4th Ave					
	City: Mitchell		County: Davison		State: SD	
	Zip: 57301		Phone: 6059950546			
C. INCIDENT LOCATION	Street or Approx. Location: As Above in B: <input checked="" type="checkbox"/>					
	1501 W 4th Ave					
	Survey Description: 43.711978716016986, -98.04741076152021					
City: Mitchell		Zip: 57301		County: Davison State: SD		
D. DATE	Spill Date: (mm/dd/yy) 01/06/23			Spill Time: ~8PM		
	Material Type (Code/Name):		Quantity Spilled		Spilled in Water Units (Check 1)	
E. MATERIAL	<input type="checkbox"/> hazardous substance <input checked="" type="checkbox"/> oil				<input type="radio"/> lb. <input type="radio"/> bbl. <input checked="" type="radio"/> gal. <input type="radio"/> oth.	
	<input type="checkbox"/> material unknown <input checked="" type="checkbox"/> other		1000		<input type="radio"/> lb. <input type="radio"/> bbl. <input type="radio"/> gal. <input type="radio"/> oth.	
	Liquid Nitrogen				<input type="radio"/> lb. <input type="radio"/> bbl. <input type="radio"/> gal. <input type="radio"/> oth.	
F. SOURCE	Source of Spill: <input type="radio"/> AST <input type="radio"/> UST <input type="radio"/> railway <input type="radio"/> transport <input type="radio"/> fixed facility <input type="radio"/> pipeline <input type="radio"/> highway <input checked="" type="radio"/> other					
	Description: Tank					
	Regulated Tank Facility: <input type="checkbox"/> Tank Facility ID #:					
G. MED.	Medium Affected: <input checked="" type="checkbox"/> air <input type="checkbox"/> land <input type="checkbox"/> water <input type="checkbox"/> groundwater <input type="checkbox"/> within facilities only					
	Waterway Affected:					
H. CAUSE	Reported Cause: <input type="radio"/> transportation accident <input type="radio"/> operational error <input type="radio"/> dumping <input type="radio"/> equipment failure					
	<input type="radio"/> natural phenomenon <input type="radio"/> unknown <input checked="" type="radio"/> Other:					
Description: Punctured Line						
I. DAMAGES	No. of injuries: 0		No. of deaths: 0			
	Response Action Taken:					
J. ACTIONS NOTIFIED	300ft Evac buffer utilized until tank had fully emptied and the nitrogen volatilized into the air.					
	Responding Agency: <input type="checkbox"/> DANR <input type="checkbox"/> Local <input type="checkbox"/> discharger <input type="checkbox"/> federal <input type="checkbox"/> EPA <input type="checkbox"/> Other					
L. COMMENTS	Agencies Notified:					
	Comments: Sioux Falls Hazmat called to provide recommendations. Tank installer called to scene.					