



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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

May 23, 2025

Sarah Blaine
Poet BioRefining
40509 247th Street
Mitchell, SD 57301

Subject: Department of Agriculture and Natural Resources File Number 2025.061, pertaining to the release of <1000 gallons of a 5% sodium hydroxide clean in place (CIP) solution from a pressure relief valve at Poet Biorefining, 40509 247th Street, north of Loomis, SD.

Dear Ms. Blaine,

The Department of Agriculture and Natural Resources (DANR) is contacting you regarding the incident noted above. A copy of the initial spill report form is enclosed for your review.

Based upon the information provided, the leak was found after midnight. In response, Poet took steps to stop the release and pump up as much spilled liquid as possible. Nevertheless, spilled CIP did flow from the beer well area to the south, across gravel, blacktop, and grass before entering a storm drain that discharges to an onsite stormwater pond. Taking into consideration the events and response described above, DANR requires the following:

- As soon as possible, collect a sample from the onsite stormwater pond to test for pH and inspect for any visible pollutants. Email the results to Trish Kindt and Jasmine Singh;
- Scrape up impacted gravel and surface soils, test to confirm soil pH of remaining soil is near neutral, and backfill with clean gravel and soil;
- Dispose of all solid waste materials (DDG, gravel, etc.) at a permitted municipal solid waste landfill;
- By June 23, 2025, complete and return the attached Written Contamination Incident Follow Up Report form. Include a narrative describing how cleanup was performed. Include photographs, pH test results, landfill receipts, and a description of how all spilled CIP solution (liquid and solid) was or will be managed (used in the process or disposed).

I will be the project manager for this case and will review all information provided. If you have questions or need additional information, please do not hesitate to contact me at 605.773.3296. Thank you for your cooperation in this matter.

Sincerely,



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

Enclosure

cc: Karen Wegleitner, Davison County Emergency Management
Jasmine Singh, DANR, WQP
Steve Kropp, DANR, WMP
Carrie Jacobson, DANR WMP

South Dakota Spill Report Form

PRCF #:

Case #: 2025.061

Reported (MM/DD/YY): 5/23/25		Time: 05:59 am central		Recorded By: TK	
A. REPORTER	Reported By: Melanie				
	Organization Name: OEM			<input type="checkbox"/> Discharger <input type="checkbox"/> Public <input checked="" type="checkbox"/> State <input type="checkbox"/> Local <input type="checkbox"/> Federal	
	Phone: 605-773-3231		Email:		
	Address:				
	City: Pierre		State: SD		Zip: 57501
B. DISCHARGER (Responsible Party)	<input type="checkbox"/> As Above in A Name: Poet Biorefining - Sarah Blaine				
	Address: 40509 247th Street				
	City: Mitchell		State: SD		Zip: 57301
	Phone: (605) 996-1686		Email:		
C. INCIDENT DATE & LOCATION	<input type="checkbox"/> As Above In B Spill Date: (MM/DD/YY) 05/23/25 Spill Time: before 1 am				
	Street or Approx. Location:				
	Survey Description:				
	City:		County: Davison		State: Zip:
D. MATERIAL	Material type (Code/Name): <input type="checkbox"/> Hazardous Substance <input type="checkbox"/> Oil <input type="checkbox"/> Material Unknown <input type="checkbox"/> Other		Quantity Spilled	Spilled in Water	Units (Check one)
	5% NaOH (Clean in place (CIP) solution)		<1000		<input type="checkbox"/> lb. <input type="checkbox"/> bbl. <input checked="" type="checkbox"/> gal. <input type="checkbox"/> oth.
					<input type="checkbox"/> lb. <input type="checkbox"/> bbl. <input type="checkbox"/> gal. <input type="checkbox"/> oth.
					<input type="checkbox"/> lb. <input type="checkbox"/> bbl. <input type="checkbox"/> gal. <input type="checkbox"/> oth.
E. SOURCE	Source of Spill: <input type="checkbox"/> AST <input type="checkbox"/> UST <input type="checkbox"/> Railway <input type="checkbox"/> Transport <input type="checkbox"/> Fixed Facility <input type="checkbox"/> Pipeline <input type="checkbox"/> Highway <input checked="" type="checkbox"/> Other				
	Description: Pressure release valve				
	Regulated Tank Facility: <input type="checkbox"/> Tank Facility ID #:				
F. MEDIUM	Medium Affected: <input type="checkbox"/> Air <input checked="" type="checkbox"/> Land <input checked="" type="checkbox"/> Water <input type="checkbox"/> Groundwater <input checked="" type="checkbox"/> Within Facilities Only				
	Waterway Affected: pond at the facility				
G. CAUSE	Reported Cause: <input type="checkbox"/> Transportation Accident <input type="checkbox"/> Operational Error <input type="checkbox"/> Dumping <input type="checkbox"/> Equipment Failure <input type="checkbox"/> Natural Phenomenon <input type="checkbox"/> Unknown <input checked="" type="checkbox"/> Other				
	Description:				
H. DAM- AGES	# of Injuries:		# of Fatalities:		
I. ACTIONS	Response Action Taken: pumped up pooled liquid and will reuse that product. Applied dried distillers grain (DDG) to soak up all other product. Are scraping up impacted gravel and DDG.				
K. NOTIFIED	Responding Agency: <input checked="" type="checkbox"/> DANR <input type="checkbox"/> Local <input checked="" type="checkbox"/> Discharger <input type="checkbox"/> Federal <input type="checkbox"/> EPA <input type="checkbox"/> Other				
	Agencies Notified: DANR, Davison County EM, state OEM				
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

