

South Dakota Spill Report Form

PRCF #:

Case #: 2023.190

Reported (MM/DD/YY): 12/23/23	Time: 9:55 AM	Recorded By: GK
A. REPORTER	Reported By: Kacee Ehler	
	Organization Name: POET	<input checked="" type="checkbox"/> Discharger <input type="checkbox"/> Public <input type="checkbox"/> State <input type="checkbox"/> Local <input type="checkbox"/> Federal
	Phone: 6059961686	Email: kacee.ehler@poet.com
	Address: 40509 247th Street	
	City: Mitchell	State: SD Zip: 57301
B. DISCHARGER (Responsible Party)	Name:	
	Address:	
	City:	State: Zip:
	Phone:	Email:
C. INCIDENT DATE & LOCATION	Spill Date: (MM/DD/YY) 12/23/23	
	Spill Time: AM	
	Street or Approx. Location: 40509 247th Street	
	Survey Description: 43.801995, -98.103348	
D. MATERIAL	Material type <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)	
	Fermentation Liquid 585 <input type="checkbox"/> lb. <input type="checkbox"/> bbl. <input checked="" type="checkbox"/> gal. <input type="checkbox"/> oth.	
E. SOURCE	Source of Spill: <input checked="" 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 type="checkbox"/> Other	
	Description: Manhole failed on tank	
	Regulated Tank Facility: <input type="checkbox"/> Tank Facility ID #:	
F. MEDIUM	Medium Affected: <input type="checkbox"/> Air <input checked="" type="checkbox"/> Land <input type="checkbox"/> Water <input type="checkbox"/> Groundwater <input type="checkbox"/> Within Facilities Only	
	Waterway Affected:	
G. CAUSE	Reported Cause: <input type="checkbox"/> Transportation Accident <input type="checkbox"/> Operational Error <input type="checkbox"/> Dumping <input checked="" type="checkbox"/> Equipment Failure <input type="checkbox"/> Natural Phenomenon <input type="checkbox"/> Unknown <input type="checkbox"/> Other	
	Description: Manhole failure	
H. DAM- AGES	# of Injuries: 0	# of Fatalities: 0
	Response Action Taken: Remainder of tank pumped out	
K. NOTIFIED	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	
	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

December 28, 2023

Kacee Ehler
POET Bioprocessing
40509 247th Street
Mitchell, SD 57301

Subject: Department of Agriculture and Natural Resources File Number 2023.190:
pertaining to a fermentation fluid release at POET Bioprocessing, 40509
247th Street, Mitchell, South Dakota.

Dear Ms. Ehler,

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, 585 gallons of fermentation liquid were released due to a tank manhole failure. The procedures for the response to spills such as this were developed to protect surface and groundwater resources. In this situation, DANR requires the following:

- Scrape up the contaminated dried distiller's grains (DDG);
- Excavate the visibly contaminated soil/gravel;
- Collect a soil sample from the bottom of the excavation and have it analyzed for ethanol;
- The contaminated material may be placed in an on-site dumpster if:
 - The dumpster is lined, and leaking/dripping of fluid from the solid waste material out of the dumpster is not possible, and;
 - The waste material placed in the dumpster must pass a "paint filter test" to ensure that it can be considered a solid, and;
 - The dumpster's contents must be destined for disposal at a permitted municipal solid waste landfill;
- All material that cannot be re-added to the process must be solidified and properly disposed along with contaminated DDG, soil, and gravel at a permitted municipal solid waste landfill;
- Provide analytical results, landfill receipts, and photographs of the site after removal of the contaminated material and impacted gravel to document post-cleanup site conditions;
- By January 28, 2024, fill out and return the Written Contamination Incident Follow Up Report form.

Gage Koistinen 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.

Sincerely,



Trish Kindt

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

cc Jeff Bathke, Davison County Emergency Manager, Mitchell, SD
Carrie Jacobson, SD DANR Hazardous Waste, Pierre, SD