South Dakota Spill Report Form

PRCF #: **Case #:** 2025.125

Reported (MM/DD/YY):	Time:	Recorded By: Liam Kirk	

A. REPORTER

Reported By: David Schultz			
Organization Name: GZA GeoEnvironmental Inc.		☐ Discharger ☑ Public ☐ State ☐ Local ☐ Federal	
Phone: 616-956-6123		Email:	
Address: 601 Fifth Street NW			
City: Grand Rapids	State: MI	Zip: 49504	

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

Name: Lynn's Dakotamart			
Address: 844 Mt Rushmore Road			
City: Custer	State: SD	Zip: 57730	
Phone: 605-673-5563	Email:		

C. INCIDENT DATE & LOCATION ☐ As Above In B

Spill Date: (MM/DD/YY) Historical Contamination	Spill Time:		
Street or Approx. Location: 844 Mt Rushmore Road			
Survey Description:			
City: Custer	County: Custer	State: SD	Zip: 57730

D. MATERIAL

Material type (Code/Name): ☐ Hazardous Substance ☐ Oil ☑ Material Unknown ☐ Other	Quantity Spilled	Spilled in Water	Units (Check one)	
used oil or gasoline	unknown		☐ 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: Multiple historical service/fueling stations on the property

Regulated Tank Facility: ☑ Tank Facility ID #: 21-00031

F. MEDIUM

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

Waterway Affected: groundwater

G. CAUSE

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

Description: Former tank systems or service processes likely responsible for contamination

H. DAMAGES

# of Injuries: 0	# of Fatalities: 0

I. ACTIONS

Response Action Taken:

Phase I and II ESA completed at the site to determine extent of contamination

K. NOTIFIED

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

Agencies Notified:

K. COMMENTS

Comments:

Phase I and II ESA completed prior to potential purchase of the property. Very low levels of historical contamination found, and following review, NFA designation assigned to file.

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

September 5, 2025

Donald Feist
Lynn's Dakotamart
3435 W Main Street
Rapid City, SD 57702

Subject: No Further Action for Department of Agriculture and Natural Resources Spill Number 2025.125, pertaining to petroleum contamination encountered at Lynn's Dakotamart, in Custer, South Dakota.

Dear Donald Feist,

South Dakota Department of Agriculture and Natural Resources (DANR) staff have reviewed information pertaining to this site and determined the remaining contamination poses no risk to human health or the environment. Therefore, the department will assign No Further Action status to DANR Spill Number 2025.125.

In addition, if future exposure pathways are created or if problems arise from the remaining contamination associated with this release, you may be responsible for further assessment and cleanup actions if the use of the property changes, which increases the risk to human health and the environment for contamination documented at this property. The No Further Action designation will be recorded in DANR's release database and can be found at https://apps.sd.gov/NR42InteractiveMap.

If you have questions or concerns about your site's No Further Action designation, please contact Liam Kirk of my staff at (605) 773-3296. Thank you for your cooperation in protecting South Dakota's ground water resources.

Sincerely,

Hunter Roberts
Secretary

Cc: Steve Esser, Custer County Emergency Manager
John Raforth, Bangs, McCullen, Butler, Foye & Simmons, LLP, Rapid City

DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES
JOE FOSS BUILDING
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MEMORANDUM

DATE: September 5, 2025

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

FROM: Liam Kirk, Engineer I
Inspection, Compliance, and Remediation Program

SUBJECT: No Further Action recommendation for DANR Spill Number 2025.125, pertaining to petroleum contamination found at Lynn's Dakotamart, 844 Mt. Rushmore Road, Custer, South Dakota. UST Facility ID # 21-00031.

Introduction

This memo provides a summary of petroleum contamination found at Lynn's Dakotmart in Custer, SD. The summary includes general spill information, facility background, and assessment actions. Finally, I recommend that this file receive No Further Action status.

General Spill Information

Site Name:	Lynn's Dakotamart
Location:	844 Mt. Rushmore Road Custer, Custer County, SD
Discovery Date:	May 23, 2025

Facility Background

The subject property is located south of Mt. Rushmore Road and north of French Creek near the center of Custer, South Dakota. The property is approximately two and a half acres and is occupied by Lynn's Dakotamart and Lynn's Dakotamart Gas. From at least 1951 to the late 1980s, an automotive service/fueling station was operated on the northeast corner of the property. An addition fueling station likely operated on the northwest end of the property prior to the mid-1970s. DANR records indicate two gasoline, and one used oil USTs were removed from the site in 1987 and 2009, respectively. The property was redeveloped in 1975 to the original portion of the present-day grocery store on site. Multiple additions were completed at the site over time, including the current fueling station in 2020. DANR records document two previous environmental events at the site in 2009.

2025 Assessment Activities

GZA GeoEnvironmental was retained by SpartanNash Distribution, LLC to conduct a Phase I Environmental Site Assessment (ESA) prior to a potential purchase of the subject property. GZA identified two recognized environmental conditions through their assessment and recommended a Phase II ESA be conducted, to better define the scope of contamination on the property and identify if a material release of petroleum occurred.

GZA began the Phase II ESA on April 23, 2025, advancing six soil borings at the site. Borings P-1 and P-2 were advanced on the west end of the property, just south of Mt. Rushmore Road. P-3 through P-6 were completed on the east end of the property, approximately where the second former service station was located. Soil boring locations are shown in the figure below.



Each boring was advanced 7 to 12 feet below ground. GZA staff noted petroleum odors in soil borings P-2 and P-6. Staff also used a photoionization detector to screen for volatile organic compounds (VOC) in each of the borings and found detectable concentrations of VOCs in soil boring P-2 only. Representative soil samples were then collected from each of the soil borings at varying depths and sent for laboratory analysis to determine the level of contamination in the soils on site. Laboratory results are shown in the table below.

of the site to determine if petroleum impacts were present at the site. During the assessment, AET identified multiple subsurface structures, from the previous automative service station, that would need to be removed and investigated for potential petroleum impacts. In May of 2009, Hespen Excavation removed the concrete building slab and parking lot for evaluation of soils on site. AET then collected six soil samples and submitted them for laboratory analysis, and results showed non-detect levels of all analytes, in all samples collected. Following review of AET's report, DANR assigned Closure status to the file. On June 25, 2009, the 525-gallon used oil tank was removed from the site. Soil samples were collected during the removal, and laboratory analysis confirmed elevated concentrations of TPH in the diesel range in samples taken from stockpiled soils. Stockpile soils were then disposed of properly, and following a review of the sampling report, DANR determined there was no risk to human health or the environment and assigned No Further Action status to the case.

Additional environmental events occurred northwest of the site, at the former Murner Chevrolet. In 1998, Scott Environmental was contracted to perform a site assessment and determine if petroleum contamination was present. Soil samples confirmed elevated concentrations of TPH in the gasoline range in soils on site. Ground water samples confirmed elevated concentration of TPH-G, BTEX, and MTBE. Murner attempted removal of the tanks in 1988, but it was determined they were too close to the adjacent building. Instead, all three tanks were properly filled and abandoned in place. Scott Environmental subsequently completed a Phase II ESA and advanced six soil borings at the site. Soil and ground water samples collected from the borings confirmed concentrations of TPH-G exceeding Tier 1 Action Levels, and following review, DANR required Tier 2 Assessment. Assessment activities were not completed. Instead, in 2009, DANR staff utilized Leaking Underground Storage Tank Trust Funds to complete a round of ground water monitoring at the site. DANR staff observed an obvious decrease in petroleum hydrocarbon concentrations in the ground water and determined further investigation was not warranted.

The ground water sample from soil boring P-2, located on the northwest corner of the subject property, was the only boring to exhibit a concentration of TPH exceeding the Tier 1 Action Level. Historical assessments from the former Murner Chevrolet site identified ground water flow to the southeast, towards the location of boring P-2. Considering no deficiencies in the current tank system were identified, and numerous historical events took place on or directly northwest of the property, the petroleum contamination is likely a result of these historical events. The current levels of contamination present at Lynn's Dakotamart Gas are minimal and of low risk to human health and the environment.

Recommendation

Based on the review of information provided and an evaluation of potential risk associated with the site, I recommend No Further Action status for DANR Spill Number 2025.125.

Sample ID Date PID Compound	P-1 (2-4) 4/23/2025 0.2	P-1 (6-7) 4/23/2025 0.1	P-2 (8-10) 4/23/2025 371.0	P-2 (10-12) 4/23/2025 119.8	P-3 (2-4) 4/23/2025 1.5	P-4 (2-4) 4/23/2025 0.3	P-5 (2-4) 4/23/2025 0.3	P-6 (6-8) 4/23/2025 1.9	Tier I Standard	Composite Worker Risk Based RSLs
Volatile Organic Compounds - Method 8260D										
sec-Butylbenzene	ND	ND	0.131	ND	ND	ND	ND	ND	NE	NE
Total Extractable Hydrocarbons - Method OA-1										
Gasoline Range Organics	ND	ND	171	5.27	3.75	ND	ND	ND	NE	NE
Total Xylenes	ND	ND	0.464	ND	ND	ND	ND	ND	300	2490
Total Petroleum Hydrocarbons - Method OA-2										
Total Petroleum Hydrocarbons	ND	ND	207	45.2	ND	32.4	ND	ND	500	222 - 3,500,000

NE = Not Established

ND = Below Laboratory Reporting Limit

Values in mg/kg

Laboratory analyses confirmed elevated concentrations of Total Petroleum Hydrocarbons in P-2, 8-12 feet below grade, and P-4, 2-4 feet below grade. However, concentrations of TPH in these samples did not exceed the Tier 1 Action Level. Samples taken from boring P-2 at depths of 8-10 feet below ground also exhibited detectable levels of Total Extractable Hydrocarbons as Gasoline Range Organics and Total Xylenes, though both concentrations were relatively low. During advancement of the borings, GZA encountered ground water in soil boring P-2 through P-6. Ground water samples were also collected and analyzed for petroleum contamination. Results are shown in the table below.

Sample ID Date Compound	P-2 4/23/2025	P-3 4/23/2025	P-4 4/23/2025	P-5 4/23/2025	P-6 4/23/2025	Groundwater Standard
Volatile Organic Compounds - Method 8260D						
sec-Butylbenzene	0.0058	ND	ND	ND	ND	NE
Total Extractable Hydrocarbons - Method OA-1						
Gasoline Range Organics	ND	ND	ND	ND	ND	NE
Total Xylenes	ND	ND	ND	ND	ND	10
Total Petroleum Hydrocarbons - Method OA-2						
Total Petroleum Hydrocarbons	57.1	1.6	1.5	0.59	ND	10

Values in mg/l

TPH was detected in all ground water samples, except the sample collected from P-6. Ground water from boring P-2, on the northwest end of the property, exhibited a TPH concentrations of 57.1 mg/l. However, no explanation of sampling methodology or procedures was included in the reports. These samples were not collected from properly designed and installed monitoring wells, and the reported concentrations for detections may not be representative of actual subsurface conditions. All other ground water samples exhibited non-detect or extremely low concentrations of tested analytes.

Following sampling activities, GZA retained Minnesota Petroleum Service to conduct testing on the underground storage tank system at Lynn's Dakotamart Gas. The system passed all tests conducted and exhibited no deficiencies or indications of leaks.

Historical Contamination

Due to very limited contamination encountered during GZA's Phase II ESA, historical environmental events are likely responsible for petroleum contamination at the site. DANR records indicate two historical environmental events on the property. In 2009, AET was contracted to complete a Phase I ESA