South Dakota Spill Report Form

PRCF #: **Case #:** 2025.126

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: 103 Glendale Road			
City: Lead	State: SD	Zip: 57754	
Phone: 605-584-1226	Email:		

C. INCIDENT DATE & LOCATION ☐ As Above In B

Spill Date: (MM/DD/YY) Historical Contamination	Spill Time:		
Street or Approx. Location: 103 Glendale Drive			
Survey Description:			
City: Lead	County: Lawrence	State: SD	Zip: 57754

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: Historical automotive service/fueling stations, scrapeyard and railroad. Not clear where contamination originated

Regulated Tank Facility: ☐ Tank Facility ID #:

F. MEDIUM

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

Waterway Affected:

G. CAUSE

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

Description: Former tank systems and automotive service processes likely contributed to 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. 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

Konnie Hall-Grass
Lynn's Dakotamart
3435 W Main Street
Rapid City, SD 57702

Subject: No Further Action for Department of Agriculture and Natural Resources Spill Number 2025.126, pertaining to petroleum contamination encountered at Lynn's Dakotamart, in Lead, South Dakota.

Dear Konnie Hall-Grass,

South Dakota Department of Agriculture and Natural Resources (DANR) staff have reviewed the 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 2025.126.

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: Paul Thomson, Lawrence County Emergency Manager

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, P.E., Engineer I
Inspection, Compliance, and Remediation Program

SUBJECT: No Further Action recommendation for DANR Spill Number 2025.126, pertaining to petroleum contamination found at Lynn's Dakotamart, 103 Glendale Dr., Lead, South Dakota. UST Facility ID # 09-00075.

Introduction

This memo provides a summary of petroleum contamination found at Lynn's Dakotmart in Lead, 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:	103 Glendale Drive Lead, Lawrence County, SD
Discovery Date:	May 23, 2025

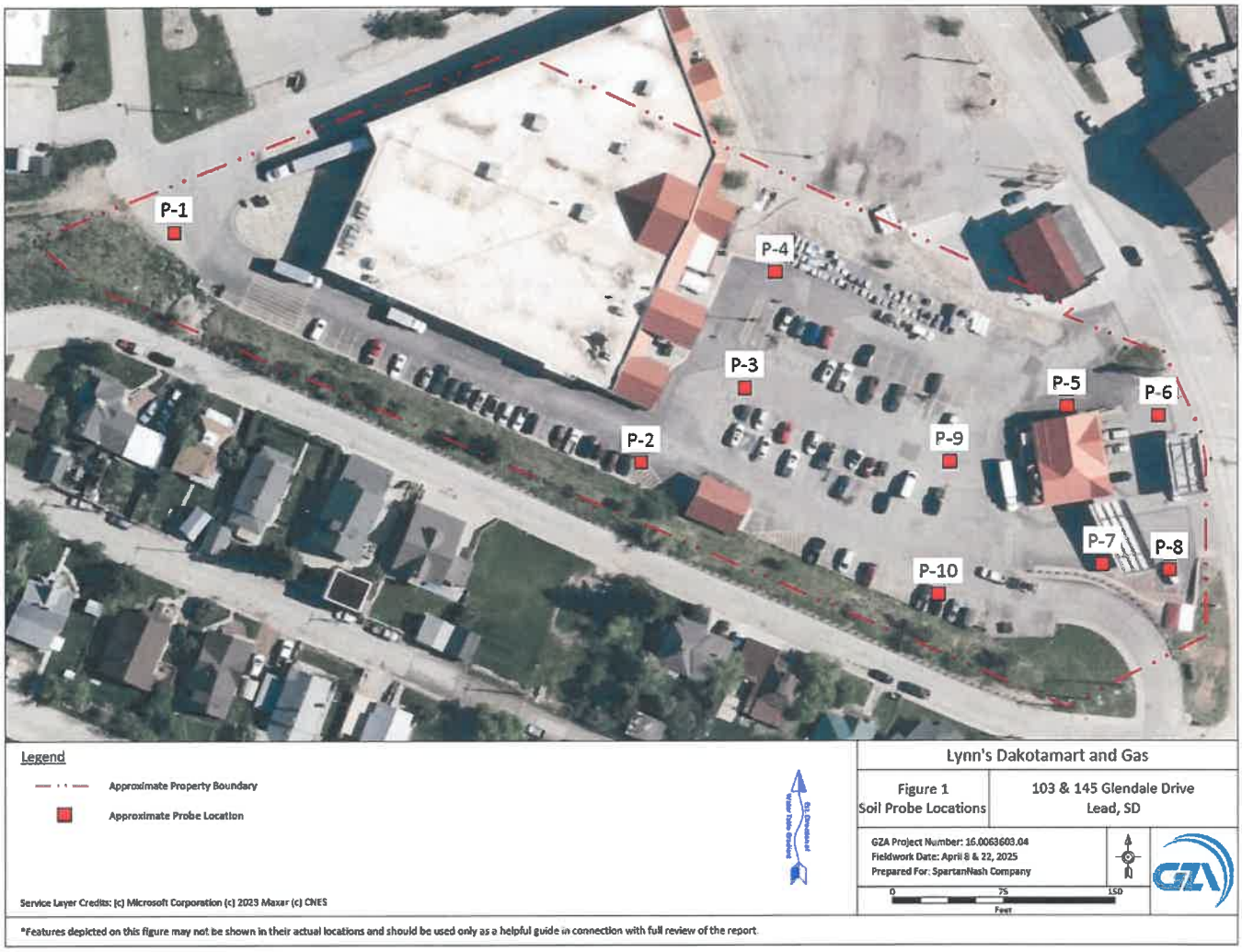
Facility Background

The subject property is located south of Montana Ave. and west of Glendale Drive on the west end of Lead, South Dakota. The property consists of two parcels, totaling three and a half acres, consisting of Lynn's Dakotamart and Lynn's Dakotamart Gas. Around 1910, the southern half of the property was developed by Homestake Lumber as a warehouse, storage facility, and scrapyard. The eastern portion of the property was operated as a gasoline service station as early as the 1930s. In the mid-1980s, the property was developed into the present-day commercial building, which has since been occupied by grocery stores, pharmacies, and retail tenants. The current gasoline filling station was completed on the south end of the property in 2012. DANR records indicate three environmental events occurred near the present-day fueling station between 1990 and 2002.

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 three 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 22, 2025, advancing 10 soil borings at the site. P-1 was completed on the furthest west end of the property. P-2, P-3, and P-4 were advanced along the storefront of Lynn's Dakotamart. Soil borings P-5 through P-10 were placed surrounding Lynn's Dakotamart Gas on the southeast portion of the property. Soil boring locations are shown in the figure below.



Each boring was advanced 7 to 19 feet below grade. GZA screened each boring for the presence of volatile organic compounds (VOCs) using a photoionization detector. No detectable concentrations of VOCs were found in any of the borings. Representative soil samples were then collected from each of the soil borings at varying depths and sent for laboratory analyses to determine the level of contamination in the soils on site. Laboratory results are shown in the table below.

Sample ID	P-1 (2-4)	P-1 (6-7.5)	P-2 (4-6)	P-3 (2-4)	P-4 (2-4)	P-4 (6-7)	P-5 (2-4)	Tier 1 Action Levels	Composite Worker Risk-Based RSLs
Collection Date	4/22/2025	4/22/2025	4/22/2025	4/22/2025	4/22/2025	4/22/2025	4/22/2025		
PID (ppm)	0.1	0.1	0	0	0.2	0.1	1.2		
VOA (GC) - Method OA1									
Benzene	ND	ND	ND	ND	ND	ND	ND	0.2	50.8
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	10	254
Gasoline Range Organics	ND	ND	ND	ND	ND	ND	5.06	NE	NE
Methyl-tert-butyl-ether	ND	ND	ND	ND	ND	ND	ND	NE	2050
Toluene	ND	ND	ND	ND	ND	ND	ND	15	46800
Total Xylenes	ND	ND	ND	ND	ND	ND	ND	300	2490
Total Petroleum Hydrocarbons - Method OA-2									
Total Petroleum Hydrocarbons	22.5	ND	ND	ND	ND	ND	2,080	500	222 - 3,500,000
SVOA (GC) - Method OA-2									
Diesel Fuel Range	ND	ND	ND	ND	ND	ND	1,290	500	NE
Fuel Oil #6	ND	ND	ND	ND	ND	ND	ND	500	NE
Hydraulic Fluid	ND	ND	ND	ND	ND	ND	ND	500	NE
Kerosene	ND	ND	ND	ND	ND	ND	ND	500	NE
Mineral Spirits	ND	ND	ND	ND	ND	ND	ND	500	NE
Motor Oil Range	ND	ND	ND	ND	ND	ND	2,610	500	NE

P-5 (10-11)	P-6 (8-10)	P-6 (12-14)	P-7 (2-4)	P-7 (18-19)	P-8 (12-14)	P-8 (16-18)	P-9 (2-4)	P-9 (6-7)	P-10 (2-4)	Tier 1 Action Levels	Composite Worker Risk-Based RSLs
4/22/2025	4/22/2025	4/22/2025	4/22/2025	4/22/2025	4/22/2025	4/22/2025	4/22/2025	4/22/2025	4/22/2025		
1.2	1.0	0.2	0.3	0.1	0.4	0.2	0.2	0.2	0.2		
ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.2	50.8
ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	254
ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	NE
ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	2050
ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	15	46800
ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	300	2490
113	24.1	ND	ND	ND	45.4	ND	ND	ND	ND	500	222 - 3,500,000
143	ND	ND	ND	ND	27.4	ND	ND	ND	ND	500	NE
ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	500	NE
ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	500	NE
ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	500	NE
ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	500	NE
291	69.7	ND	ND	ND	123	ND	ND	ND	ND	500	NE

NE = Not Established

ND = Below Laboratory Reporting Limit

Values in mg/kg

Surficial (2-4 feet) soil samples from boring P-5 exhibited a concentration of Total Petroleum Hydrocarbons (TPH) of 2,080 mg/kg, exceeding the Tier 1 Action Level of 500 mg/kg. P-5 soils also exhibited elevated concentrations of the diesel fuel range and motor oil range at 1,290 mg/kg and 2,410 mg/kg, respectively. Concentrations of arsenic were slightly elevated at 38.2 mg/kg and 33.9 mg/kg in P-3 and P-4, respectively, at a depth of 2 to 4 feet below ground. All other samples collected from the site had non-detect or very low concentrations of all 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 from the system.

Historical Contamination

Due to the very limited contamination at the site, and no obvious indications of an active release, historical environmental events are likely responsible for petroleum contamination at the site. DANR records indicate three historical environmental events at the property. The first occurred on November 30, 1990, when a 4,000-gallon and two 3,000-gallon USTs were removed from the southeast end of the property, following the discovery of soil contamination in a nearby city project. Twin City Testing

Corporation was on site during the removal for collection of soil samples. Visual and olfactory indications of petroleum contamination were present in the soil, and laboratory analyses of the samples showed slightly elevated concentrations of petroleum constituents. Stockpiled contaminated soils were properly disposed of, and the case was closed. An additional tank removal occurred in 2001, when the second environmental event was identified at the site. Two tanks were removed, and soil samples were taken from below each of the tanks. Although laboratory analyses found concentrations of Total Petroleum Hydrocarbons in the gasoline and fuel oil range, they did not exceed Tier 1 Action levels, and the file was closed. Finally, in 2002, the third environmental event was recorded following the addition of another underground storage tank in the former tank basin. During installation, visual petroleum staining was noted in the excavated area and reported to DANR. A soil sample was taken for laboratory analyses, which confirmed elevated levels of TPH in the gasoline and fuel oil range. The contamination was determined to be of no risk to human health or the environment, and the file was closed.

Soil boring P-5 was the only boring in which elevated concentrations of TPH were found. All three historical events were located near this portion of the property. Testing completed on the current tank system did not identify any deficiencies, making the existing tank system unlikely to be the source of the petroleum contamination. Considering the review of historical environmental events, relatively low contamination at the site, and lack of deficiencies in the current tank system, the risk associated with this release is low.

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 2025.126.