GEOTEK ENGINEERING
& TESTING SERVICES, INC.
909 East 50th Street North
Sioux Falls, South Dakota 57104
Phone 605-335-5512 Fax 605-335-0773

May 25, 2023

MBW Construction & Engineers
PO Box 1128 – 116 Gateway Drive
North Sioux City, SD 57049

Attn: Tyler Manker, PE

Subj: Contamination Encountered During Geotechnical Exploration
Proposed Addition
Performance Pet Products
915 E. Havens Avenue
Mitchell, SD
GeoTek #23-0579
DANR File No. 2002.092

Dear Mr. Manker,

This letter is pursuant to the recent geotechnical test borings completed for construction of the proposed addition at the referenced site (see Figure 1). Organic vapors (petroleum like) were detected while drilling and collecting samples below a depth of 7 feet at test boring locations 1 and 3 (see Figure 2 for boring locations).

Samples collected from below a depth of 7 feet, at test boring locations 1 and 3 were placed in 16 oz. jars and covered with aluminum foil in the field and returned to our office. The samples were then scanned with a photoionization detector (PID) meter for organic vapors as an indication of organic (petroleum) contamination. The PID data is provided on the attached logs.

In addition, one soil sample from borings 1 and 3 were submitted to a chemistry laboratory for benzene, toluene, ethylbenzene, xylene (BTEX), naphthalene and total petroleum hydrocarbons (TPH) as gasoline and TPH as diesel (fuel oil) analysis. The laboratory data is provided on the attached laboratory report.

A review of the data indicates elevated levels of diesel (fuel oil) compounds were detected in the samples. Both samples exceed the South Dakota Department of Agricultural and Natural Resources (DANR) Tier 1 Trigger Level of 500 ppm TPH.

We understand that the petroleum odors noted in the borings have been reported to the South Dakota DANR. A copy of the DANR letter following review of the provided information is attached.

We recommend that the requirements outline in the DANR letter be followed.

GeoTek Engineering & Testing Services Inc. appreciates the opportunity of providing our services on this project. Please contact our office if you have any questions or if we can be of further service.

Respectfully submitted,

Daniel R Hanson

Daniel R. Hanson, PE
Senior Project Engineer
PE/CPRR #4829

Cc: DENR, Pierre, Attn: Jaclyn McGuire

FIGURE 1
SITE LOCATION MAP
PROPOSED ADDITION -
PERFORMANCE PETS PRODUCTS
915 EAST HAVENS AVENUE
MITCHELL, SD

ACAD/GEOTEK/DAN/23-0579

PROJECT#: 23-0579

DRAWN BY: PRH

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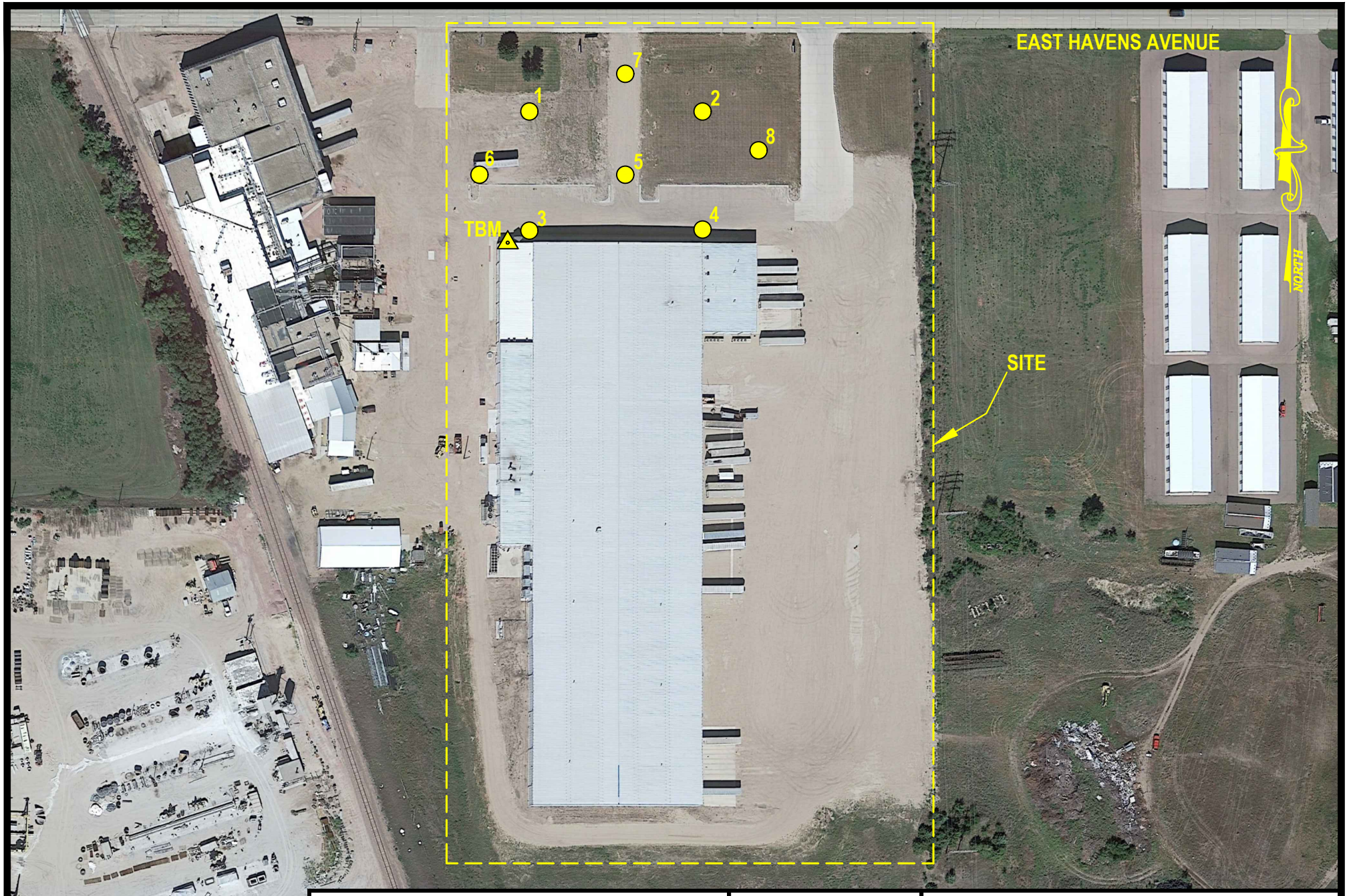

FIGURE 2
TEST BORING LOCATION MAP
PROPOSED ADDITION -
PERFORMANCE PETS PRODUCTS
915 EAST HAVENS AVENUE
MITCHELL, SD

ACAD/GEOTEK/DAN/23-0579

PROJECT#: 23-0579

DRAWN BY: PRH

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ENVIRONMENTAL SOIL BORING LOG / WELL CONSTRUCTION INFORMATION

GEOTEK # **23-0579** BORING / WELL NO. **1 (1 of 1)**

PROJECT **Proposed Addition - Performance Pet Products, Lot 7, Block 2, Brandon 90 Plaza Addition, 915 E. Havens Avenue, Mitch**

Well Construction Details

DEPTH in FEET	DESCRIPTION OF MATERIAL (SURFACE ELEVATION 96.3 ft)	GEOLOGIC ORIGIN	PID / FID	WL	SAMPLE NO.	SAMPLE TYPE
	FILL, MOSTLY SANDY LEAN CLAY: a little gravel, brown and dark brown, moist to wet, 10" of gravel at the surface	FILL			1	HSA
2	**LEAN CLAY WITH SAND**: a little gravel, brown, moist, stiff, (CL)	GLACIAL TILL			2	SPT
4½	**SILTY SAND**: a trace of gravel, brown, moist to waterbearing, dense, petroleum odor below 7' (SM)	GLACIAL TILL		▼	3	SPT
			65		4	SPT
			+200		5	SPT
12	**LEAN CLAY WITH SAND**: a little gravel, brown, moist, stiff to very stiff, petroleum odor (CL)	GLACIAL TILL	95		6	SPT
			3		7	SPT
16	Bottom of borehole at 16 feet.					

WATER LEVEL MEASUREMENTS

START 5-11-23 COMPLETE 5-11-23 12:08 pm

DATE	TIME	DEPTH BELOW SURFACE	DEPTH BELOW TOR / TOC	WATER ELEVATION
5-11-23	12:08 pm	7.0	--	89.3
5-11-23	3:28 pm	5.0	--	▼ 91.3
--	--	--	--	--
--	--	--	--	--

METHOD
3.25" ID Hollow Stem Auger

CREW CHIEF Mike Wagner

ENVIRONMENTAL WELL LOG 23-0579.GPJ GEOTEKENG.GDT 5/25/23

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ENVIRONMENTAL SOIL BORING LOG / WELL CONSTRUCTION INFORMATION

GEOTEK # **23-0579** BORING / WELL NO. **3 (1 of 1)**

PROJECT **Proposed Addition - Performance Pet Products, Lot 7, Block 2, Brandon 90 Plaza Addition, 915 E. Havens Avenue, Mitch**

Well Construction Details

SURFACE ELEVATION 98.4 ft

DEPTH in FEET	DESCRIPTION OF MATERIAL	GEOLOGIC ORIGIN	PID / FID	WL	SAMPLE NO.	SAMPLE TYPE
	FILL, MOSTLY SILTY SAND: a little gravel, fine to medium grained, brown and dark brown, moist, 12" of gravel at the surface	FILL			1	HSA
					2	SPT
5	**LEAN CLAY WITH SAND**: a little gravel, mottled brown and gray, moist, stiff, petroleum odor below 7' (CL)	GLACIAL TILL			3	SPT
			120		4	SPT
9½	**SANDY LEAN CLAY**: a trace of gravel, brown, moist to wet, very stiff, petroleum odor (CL)	GLACIAL TILL	148		5	SPT
			32	▼	6	SPT
14½	**LEAN CLAY WITH SAND**: a little gravel, brown, moist, very stiff, (CL)	GLACIAL TILL	22		7	SPT
16	Bottom of borehole at 16 feet.					

WATER LEVEL MEASUREMENTS

START 5-11-23 COMPLETE 5-11-23 1:06 pm

DATE	TIME	DEPTH BELOW SURFACE	DEPTH BELOW TOR / TOC	WATER ELEVATION
5-11-23	1:06 pm	14.0	--	▼ 84.4
--	--	--	--	--
--	--	--	--	--
--	--	--	--	--

METHOD
3.25" ID Hollow Stem Auger

CREW CHIEF Mike Wagner

ENVIRONMENTAL WELL LOG 23-0579.GPJ GEOTEKENG.GDT 5/25/23

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Dan Hanson
GeoTek Engineering & Testing Services
909 E. 50th Street
Sioux Falls, South Dakota 57104

Generated 5/24/2023 3:24:10 PM

JOB DESCRIPTION

Pet Performance
SDG NUMBER 23-0579

JOB NUMBER

310-256010-1

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls IA 50613

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization

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Authorized for release by
Conner Calhoun, Project Management Assistant I
Conner.Calhoun@et.eurofinsus.com
(319)277-2401

Table of Contents

Job ID: 310-256010-1

Laboratory: Eurofins Cedar Falls

Narrative

Job Narrative
310-256010-1

Receipt
The samples were received on 5/17/2023 9:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.0°C

Hydrocarbons
Method OA1: The following samples were diluted due to the nature of their sample matrix: SB1 (9.5-11) (310-256010-1) and SB3 (9.5-11) (310-256010-2). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Sample Summary

Client: GeoTek Engineering & Testing Services
Project/Site: Pet Performance

Job ID: 310-256010-1
SDG: 23-0579

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
310-256010-1	SB1 (9.5-11)	Solid	05/15/23 00:00	05/17/23 09:30
310-256010-2	SB3 (9.5-11)	Solid	05/15/23 00:00	05/17/23 09:30

Detection Summary

Client: GeoTek Engineering & Testing Services
Project/Site: Pet Performance

Job ID: 310-256010-1
SDG: 23-0579

Client Sample ID: SB1 (9.5-11) — Lab Sample ID: 310-256010-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel	3250		97.1		mg/Kg	10		OA-2	Total/NA
Naphthalene	24.3		9.71		mg/Kg	10		OA-2	Total/NA

Client Sample ID: SB3 (9.5-11) — Lab Sample ID: 310-256010-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	3.30		0.466		mg/Kg	5		OA-1 (GC)	Total/NA
Xylenes, Total	7.18		1.40		mg/Kg	5		OA-1 (GC)	Total/NA
Diesel	4240		97.8		mg/Kg	10		OA-2	Total/NA
Naphthalene	21.2		9.78		mg/Kg	10		OA-2	Total/NA

This Detection Summary does not include radiochemical test results.

Client: GeoTek Engineering & Testing Services
Project/Site: Pet Performance

Job ID: 310-256010-1
SDG: 23-0579

Client Sample ID: SB1 (9.5-11)
Date Collected: 05/15/23 00:00
Date Received: 05/17/23 09:30

Lab Sample ID: 310-256010-1
Matrix: Solid

Method: Iowa DNR OA-1 (GC) - Volatile Petroleum Hydrocarbons (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.485		0.485		mg/Kg		05/19/23 17:22	05/20/23 09:50	5
Toluene	<0.485		0.485		mg/Kg		05/19/23 17:22	05/20/23 09:50	5
Ethylbenzene	<0.485		0.485		mg/Kg		05/19/23 17:22	05/20/23 09:50	5
Xylenes, Total	<1.45		1.45		mg/Kg		05/19/23 17:22	05/20/23 09:50	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*56 - 150*	*05/19/23 17:22*	*05/20/23 09:50*	*5*

Method: Iowa DNR OA-2 - Iowa - Extractable Petroleum Hydrocarbons (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	<9.71		9.71		mg/Kg		05/18/23 09:00	05/22/23 21:28	1
Diesel	**3250**		97.1		mg/Kg		05/18/23 09:00	05/23/23 20:08	10
Waste Oil	<9.71		9.71		mg/Kg		05/18/23 09:00	05/22/23 21:28	1
Naphthalene	**24.3**		9.71		mg/Kg		05/18/23 09:00	05/23/23 20:08	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*115*		*12 - 126*	*05/18/23 09:00*	*05/22/23 21:28*	*1*

Client: GeoTek Engineering & Testing Services
Project/Site: Pet Performance

Job ID: 310-256010-1
SDG: 23-0579

Client Sample ID: SB3 (9.5-11)
Date Collected: 05/15/23 00:00
Date Received: 05/17/23 09:30

Lab Sample ID: 310-256010-2
Matrix: Solid

Method: Iowa DNR OA-1 (GC) - Volatile Petroleum Hydrocarbons (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.466		0.466		mg/Kg		05/19/23 17:22	05/20/23 10:16	5
Toluene	<0.466		0.466		mg/Kg		05/19/23 17:22	05/20/23 10:16	5
Ethylbenzene	**3.30**		0.466		mg/Kg		05/19/23 17:22	05/20/23 10:16	5
Xylenes, Total	**7.18**		1.40		mg/Kg		05/19/23 17:22	05/20/23 10:16	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*56 - 150*	*05/19/23 17:22*	*05/20/23 10:16*	*5*

Method: Iowa DNR OA-2 - Iowa - Extractable Petroleum Hydrocarbons (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	<9.78		9.78		mg/Kg		05/18/23 09:00	05/22/23 21:43	1
Diesel	**4240**		97.8		mg/Kg		05/18/23 09:00	05/23/23 20:23	10
Waste Oil	<9.78		9.78		mg/Kg		05/18/23 09:00	05/22/23 21:43	1
Naphthalene	**21.2**		9.78		mg/Kg		05/18/23 09:00	05/23/23 20:23	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*116*		*12 - 126*	*05/18/23 09:00*	*05/22/23 21:43*	*1*

Client: GeoTek Engineering & Testing Services
Project/Site: Pet Performance

Job ID: 310-256010-1
SDG: 23-0579

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Surrogate Summary

Client: GeoTek Engineering & Testing Services
Project/Site: Pet Performance

Job ID: 310-256010-1
SDG: 23-0579

Method: OA-1 (GC) - Volatile Petroleum Hydrocarbons (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
		BFB							
Lab Sample ID	Client Sample ID	(56-150)							
310-256010-1	SB1 (9.5-11)	123							
310-256010-2	SB3 (9.5-11)	105							
LCS 310-388125/2-A	Lab Control Sample	97							
MB 310-388125/1-A	Method Blank	109							

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Method: OA-2 - Iowa - Extractable Petroleum Hydrocarbons (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
		OTCN							
Lab Sample ID	Client Sample ID	(12-126)							
310-256010-1	SB1 (9.5-11)	115							
310-256010-2	SB3 (9.5-11)	116							
LCS 310-387906/2-A	Lab Control Sample	111							
MB 310-387906/1-A	Method Blank	103							

Surrogate Legend

OTCN = n-Octacosane

Method: OA-1 (GC) - Volatile Petroleum Hydrocarbons (GC)

Lab Sample ID: MB 310-388125/1-A
Matrix: Solid
Analysis Batch: 388143

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 388125

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0997		0.0997		mg/Kg		05/19/23 17:22	05/20/23 08:33	1
Toluene	<0.0997		0.0997		mg/Kg		05/19/23 17:22	05/20/23 08:33	1
Ethylbenzene	<0.0997		0.0997		mg/Kg		05/19/23 17:22	05/20/23 08:33	1
Xylenes, Total	<0.299		0.299		mg/Kg		05/19/23 17:22	05/20/23 08:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*56 - 150*	*05/19/23 17:22*	*05/20/23 08:33*	*1*

Lab Sample ID: LCS 310-388125/2-A
Matrix: Solid
Analysis Batch: 388143

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 388125

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.99	2.016		mg/Kg		102	76 - 130
Toluene	1.99	1.968		mg/Kg		99	78 - 129
Ethylbenzene	1.99	2.038		mg/Kg		103	77 - 128
Xylenes, Total	5.96	6.075		mg/Kg		102	78 - 131

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*56 - 150*

Method: OA-2 - Iowa - Extractable Petroleum Hydrocarbons (GC)

Lab Sample ID: MB 310-387906/1-A
Matrix: Solid
Analysis Batch: 388170

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 387906

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	<9.72		9.72		mg/Kg		05/18/23 09:00	05/22/23 17:44	1
Diesel	<9.72		9.72		mg/Kg		05/18/23 09:00	05/22/23 17:44	1
Waste Oil	<9.72		9.72		mg/Kg		05/18/23 09:00	05/22/23 17:44	1
Naphthalene	<0.972		0.972		mg/Kg		05/18/23 09:00	05/22/23 17:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*103*		*12 - 126*	*05/18/23 09:00*	*05/22/23 17:44*	*1*

Lab Sample ID: LCS 310-387906/2-A
Matrix: Solid
Analysis Batch: 388170

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 387906

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel	130	123.2		mg/Kg		95	34 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane	*111*		*12 - 126*

GC VOA

Prep Batch: 388125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-256010-1	SB1 (9.5-11)	Total/NA	Solid	5035	
310-256010-2	SB3 (9.5-11)	Total/NA	Solid	5035	
MB 310-388125/1-A	Method Blank	Total/NA	Solid	5035	
LCS 310-388125/2-A	Lab Control Sample	Total/NA	Solid	5035	

Analysis Batch: 388143

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-256010-1	SB1 (9.5-11)	Total/NA	Solid	OA-1 (GC)	388125
310-256010-2	SB3 (9.5-11)	Total/NA	Solid	OA-1 (GC)	388125
MB 310-388125/1-A	Method Blank	Total/NA	Solid	OA-1 (GC)	388125
LCS 310-388125/2-A	Lab Control Sample	Total/NA	Solid	OA-1 (GC)	388125

GC Semi VOA

Prep Batch: 387906

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-256010-1	SB1 (9.5-11)	Total/NA	Solid	3546	
310-256010-2	SB3 (9.5-11)	Total/NA	Solid	3546	
MB 310-387906/1-A	Method Blank	Total/NA	Solid	3546	
LCS 310-387906/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 388170

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-256010-1	SB1 (9.5-11)	Total/NA	Solid	OA-2	387906
310-256010-2	SB3 (9.5-11)	Total/NA	Solid	OA-2	387906
MB 310-387906/1-A	Method Blank	Total/NA	Solid	OA-2	387906
LCS 310-387906/2-A	Lab Control Sample	Total/NA	Solid	OA-2	387906

Analysis Batch: 388330

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-256010-1	SB1 (9.5-11)	Total/NA	Solid	OA-2	387906
310-256010-2	SB3 (9.5-11)	Total/NA	Solid	OA-2	387906

Lab Chronicle

Client: GeoTek Engineering & Testing Services
Project/Site: Pet Performance

Job ID: 310-256010-1
SDG: 23-0579

Client Sample ID: SB1 (9.5-11)

Lab Sample ID: 310-256010-1

Date Collected: 05/15/23 00:00
Matrix: Solid
Date Received: 05/17/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			388125	ZB9H	EET CF	05/19/23 17:22
Total/NA	Analysis	OA-1 (GC)		5	388143	ZB9H	EET CF	05/20/23 09:50
Total/NA	Prep	3546			387906	GW4G	EET CF	05/18/23 09:00
Total/NA	Analysis	OA-2		1	388170	D2YP	EET CF	05/22/23 21:28
Total/NA	Prep	3546			387906	GW4G	EET CF	05/18/23 09:00
Total/NA	Analysis	OA-2		10	388330	C3AA	EET CF	05/23/23 20:08

Client Sample ID: SB3 (9.5-11)

Lab Sample ID: 310-256010-2

Date Collected: 05/15/23 00:00
Matrix: Solid
Date Received: 05/17/23 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			388125	ZB9H	EET CF	05/19/23 17:22
Total/NA	Analysis	OA-1 (GC)		5	388143	ZB9H	EET CF	05/20/23 10:16
Total/NA	Prep	3546			387906	GW4G	EET CF	05/18/23 09:00
Total/NA	Analysis	OA-2		1	388170	D2YP	EET CF	05/22/23 21:43
Total/NA	Prep	3546			387906	GW4G	EET CF	05/18/23 09:00
Total/NA	Analysis	OA-2		10	388330	C3AA	EET CF	05/23/23 20:23

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

Accreditation/Certification Summary

Client: GeoTek Engineering & Testing Services
Job ID: 310-256010-1
Project/Site: Pet Performance
SDG: 23-0579

Laboratory: Eurofins Cedar Falls

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Colorado	Petroleum Storage Tank Program	IA100001 (OR)	09-29-23
Georgia	State	IA100001 (OR)	09-29-23
Illinois	NELAP	200024	11-29-23
Iowa	State	007	12-01-23
Kansas	NELAP	E-10341	01-31-24
Minnesota	NELAP	019-999-319	12-31-23
Minnesota (Petrofund)	State	3349	01-18-24
North Dakota	State	R-186	09-29-23
Oregon	NELAP	IA100001	09-29-23

Method Summary

Client: GeoTek Engineering & Testing Services
Project/Site: Pet Performance

Job ID: 310-256010-1
SDG: 23-0579

Method	Method Description	Protocol	Laboratory
OA-1 (GC)	Volatile Petroleum Hydrocarbons (GC)	Iowa DNR	EET CF
OA-2	Iowa - Extractable Petroleum Hydrocarbons (GC)	Iowa DNR	EET CF
3546	Microwave Extraction	SW846	EET CF
5035	Purge and Trap for Methanol Extractions	SW846	EET CF

Protocol References:

Iowa DNR = Iowa Department of Natural Resources

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

eurofins | Environment Testing America

310-256010 Chain of Custody

Cooler/Sample Receipt and Temperature Log Form

Client Information

Client: Ecotech

City/State: CITY | STATE SD | Project:

Receipt Information

Date/Time Received: DATE 5/17/23 | TIME 0930 | Received By: SO

Delivery Type: ☐ UPS ☒ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee ☐ Lab Courier ☐ Lab Field Services ☐ Client Drop-off ☐ Other:_____

Condition of Cooler/Containers

Sample(s) received in Cooler? ☒ Yes ☐ No *If yes:* Cooler ID:

Multiple Coolers? ☐ Yes ☒ No *If yes:* Cooler # _____ of _____

Cooler Custody Seals Present? ☒ Yes ☐ No *If yes:* Cooler custody seals intact? ☒ Yes ☐ No

Sample Custody Seals Present? ☐ Yes ☒ No *If yes:* Sample custody seals intact? ☐ Yes ☐ No

Trip Blank Present? ☐ Yes ☒ No *If yes:* Which VOA samples are in cooler? ↓

Temperature Record

Coolant: ☒ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other:_____ ☐ NONE

Thermometer ID: P | Correction Factor (°C): +0.2

• Temp Blank Temperature – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature

Uncorrected Temp (°C): 2.8 | Corrected Temp (°C): 3.0

• Sample Container Temperature

	CONTAINER 1	CONTAINER 2
Container(s) used:		
Uncorrected Temp (°C):		
Corrected Temp (°C):		

Exceptions Noted

1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☐ No
   a) *If yes:* Is there evidence that the chilling process began? ☐ Yes ☐ No

2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e.g., bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No

NOTE: If yes, contact PM before proceeding. If no, proceed with login

Additional Comments

Eurofins Cedar Falls
3019 Venture Way

Cedar Falls IA 50613
phone 319.277.2401 fax 319.277.2425

Chain of Custody Record

eurofins | Environment Testing America

Regulatory Program: ☐ DW ☐ NPDES ☑ RCRA ☐ Other

Eurofins Environment Testing America

Client Contact	Project Manager: ~~Jay Routheau~~ DAN HANSEN	Site Contact:	Date 5-16-23	COC No. 1
GeoTek Engineering & Testing Services Inc.	Tel/Fax: 605-335-5512	Lab Contact: Conner Calhoun	Carrier: Fed Ex	_____ of _____ COCs
909 East 50th Street North	Analysis Turnaround Time			TALS Project #:
Sioux Falls, SD 57104	☐ CALENDAR DAYS ☑ WORKING DAYS			Sampler: Jay Routheau
605-335-5512	TAT if different from Below _____			For Lab Use Only:
605-335-0773	☐ 2 weeks			Walk-in Client:
Project Name: PET PERFORMANCE	☑ 1 week			Lab Sampling
Site:	☐ 2 days			Job / SDG No
PO# 23-0579	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	BTEX/OA1	NAPH/OA2	Sample Specific Notes.
SB1 (9'-11')						N		1	1	
SB3 (9'-11')								1	1	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☑ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments

Custody Seals Intact: ☑ Yes ☐ No | Custody Seal No. | Cooler Temp. (°C) Obs'd._____ Corr'd._____ Therm ID No._____

Relinquished by:	Company: GeoTek	Date/Time:	Received by: SS	Company:	Date/Time: 5/17/23 0930
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Login Sample Receipt Checklist

Client: GeoTek Engineering & Testing Services

Job Number: 310-256010-1
SDG Number: 23-0579

Login Number: 256010
List Number: 1
Creator: Tucker, Sarah L

List Source: Eurofins Cedar Falls

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	No sample date and/or time on COC, logged in per container labels.
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

DEPARTMENT of AGRICULTURE and NATURAL RESOURCES
JOE FOSS BUILDING
523 E CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

May 19, 2023

Damian Peters
Performance Pet Products
915 E. Havens Avenue
Mitchell, SD 57301

Subject: Management of contaminated soil associated with previously identified contaminated site at 915 East Havens Avenue, Mitchell, SD. Department of Agriculture and Natural Resources File #2002.092.

Dear Mr. Peters,

The Department of Agriculture and Natural Resources (DANR) assigned Closure status to the above referenced site on December 12, 2022, involving petroleum contamination from historical sources, likely an old boiler used at Dakota Pork Industries. In this case remaining contamination existed onsite; however, the impacted soil was below grade, and there were no nearby receptors.

DANR staff have reviewed the information provided by GeoTek Engineering and Testing Services and MBW Construction. GeoTek reported that hydrocarbon odors were detected at approximately seven feet below grade, in two geotechnical borings. Please provide the department copies of the analytical data from the two impacted boring soil samples.

Due to the fact that this contamination appears to be associated with a previously identified release and based upon the proposed construction plans, it is not anticipated there will be a receptor pathway to in-situ contamination. For this reason, DANR will not require additional assessment or cleanup at this time.

However, petroleum contaminated soil and/or water may be generated during site preparation work. An environmental consultant licensed to perform petroleum assessment and remediation work in South Dakota must be retained to direct and oversee the management of petroleum contaminated media. Contaminated soil that is excavated must be kept separate from clean soil and properly disposed at a permitted municipal solid waste landfill. Should contaminated soil be stockpiled on site prior to disposal, it must be placed on and covered by an impermeable material. If dewatering

is necessary, a permit may be required. Contact the DANR Water Quality Program at 605.773.3351. Additional requirements will apply if the water is contaminated with petroleum hydrocarbons.

Thank you for providing this information to DANR for review. If you have further questions or concerns about this site, please contact Jaclyn McGuire at (605) 773-3296.

Sincerely,

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

cc Jeff Bathke, Davison County Emergency Management
Dan Hanson, GeoTek Engineering and Testing Services
John McVey, PRCF
Kyle Doerr, DANR Water Quality Program
Curtis Boschult, MBW Construction
Troy Bryant, Farmers Union, 220 Ponderosa Rd, Redwood Falls, MN 56283