February 10, 2025

Barbara Herbst
Wisconsin Department of Natural Resources
875 4th Avenue South
Park Falls, Wisconsin 54552

RE: SITE INVESTIGATION WORK PLAN
Royal Avenue Service
115 South Royal Avenue
Village of Belgium, Wisconsin
CLSE Project Number: E2409.18
WDNR BRRTS #03-46-594169

Dear Ms. Herbst:

Introduction

Carow Land Surveying & Environmental (CLSE) is pleased to submit this Site Investigation Work Plan for the advancement of soil borings at Royal Avenue Service, located at 115 South Royal Avenue, in the Village of Belgium, Wisconsin (Site). The proposed site investigation activities are the result of soil samples collected during a previous tank system site assessment (TSSA) performed by CLSE on May 9, 2023.

This Work Plan has been prepared in general accordance with Wisconsin Administrative Code (WAC) NR 716.09.

Responsible Party and Consultant

Site Name and Location: Royal Avenue Service
115 South Royal Avenue
Village of Belgium, Wisconsin
Northwest ¼ of the Northwest ¼ of Section 23, Township 12 North, Range 22 East
Ozaukee County, Wisconsin

WTM Coordinates: X=694972.4 Y=338513.3

Site Operations: The Site is developed with one vacant building formerly utilized as a gasoline station and convenience store.

Responsible Party:
Tallwinder S Gill
2332 Hickory Grove Road
Belgium, Wisconsin 53004
Phone (262) 873-0889
gill727@gmail.com

Consultant:
Carow Land Surveying & Environmental
615 North Lynndale Drive
Appleton, Wisconsin 54914
Phone: (920) 731-4168

Project Manager:
Lynn M. Bradley
Carow Land Surveying & Environmental
615 North Lynndale Drive
Appleton, Wisconsin 54914
Phone: (920) 731-4168
lynn@clse.pro

Project Geologist:
Brian Youngwirth
Carow Land Surveying & Environmental
615 North Lynndale Drive
Appleton, Wisconsin 54914
Phone: (920) 731-4168
brian@clse.pro

Authorization

Authorization to prepare this Site Investigation Work Plan was provided by Mr. Tallwinder Gill, the owner of the Site and responsible party (RP) for the release.

Site Features

The Site is located at 115 South Royal Avenue in the Village of Belgium, Wisconsin. The Site is located southwest of the intersection of South Royal Avenue and Main Street. The Site is owned by Tallwinder Gill and is comprised of an irregular shaped parcel, 1.24-acres in size (Parcel Identification No. 182230602200). A Site Location Map is shown in Figure 1, Attachment A.

The Site is developed with one approximate 4,800 square foot building with a slab-on-grade foundation, which was formerly operated as a Mobil gasoline station and convenience store. The building occupies the southwestern portion of the Site parcel with asphalt and concrete

pavement beyond the building on all sides. Grass landscaping areas are present at the north, south, and east ends of the Site. A Current Site Map depicting the Site parcel boundary is shown on Figure 2, Attachment A.

Three underground storage tanks (USTs) ranging in size from 10,000-gallons to 12,000-gallons and containing unleaded gasoline (2) and diesel fuel (1) (installed in 1996) were present east of the building. A canopy covering three dispensers was present to the north of the USTs and east of the northern portion of the building. Double walled product piping extended from the dispensers south toward the USTs. The USTs, canopy, dispensers, and product piping were removed from the Site during May of 2023.

The Site is bordered to the north by Main Street across which are residential properties, to the south by vacant undeveloped land followed by Spring Street, to the east by South Royal Avenue across which are BP gasoline station/McDonalds restaurant and an ACDelco from north to south, and to the west by a Subway restaurant.

Background

On May 9, 2023, the USTs, dispensers, and product piping were removed from the Site by Schaper Petroleum and Excavation (Schaper). CLSE performed a TSSA at the time of the work. As part of the TSSA, fifteen soil samples were collected for laboratory analysis. Twelve soil samples (S-1 to S-4 and S-8 to S15) were collected from sidewalls of the UST excavation at depths of approximately 8 feet to 9 feet below ground surface (bgs). Since groundwater was encountered within the UST excavation at a depth of approximately 9 feet bgs, no soil samples were collected beneath the USTs in accordance with Department of Agriculture, Trade, and Consumer Protection (DATCP) guidelines. Three soil samples were collected beneath the dispensers (S-5 to S-7) at depths ranging from 3 feet to 4 feet bgs. The piping associated with the system was double-walled and there was no evidence of a release beneath the piping, therefore, no soil samples were collected beneath the piping in accordance with DATCP guidelines. Soil staining, petroleum odors, and photoionization detector (PID) results were observed at S-6 (center dispenser) and S-7 (north dispenser). Soil samples were submitted to Synergy Environmental Laboratory in Appleton, Wisconsin, a State certified laboratory, for the presence of petroleum volatile organic compounds (PVOC) and naphthalene. A Historic Site and TSSA Soil Sample Location Map is shown in Figure 2A, Appendix A.

The soil samples collected from S-6 and S-7 reported concentrations of benzene (730 and 880 micrograms per kilogram (µg/kg), ethylbenzene (4,000 µg/kg and 660 µg/kg), naphthalene (1,940 µg/kg and 3,130 µg/kg), toluene (62 µg/kg and 114 µg/kg), total trimethylbenzenes (15,200 µg/kg and 17,000 µg/kg) and total xylenes (15,200 µg/kg and 12,700 µg/kg), respectively, which exceeded each compound's respective WAC NR 720 soil to groundwater pathway residual contaminant levels (RCLs) except for the ethylbenzene at B-6 and the toluene concentrations. The naphthalene concentration at S-7 also exceeds its WAC NR 720 direct contact RCL of 2,400 µg/kg. The remaining soil samples did not report detectable concentrations of PVOCs or naphthalene. The soil analytical results are summarized on Table 1 in Appendix B.

A TSSA Report was submitted to the Wisconsin Department of Natural Resources (WDNR) (CLSE, June 7, 2023). The WDNR issued an RP letter to Tallwinder Gill on March 15, 2024. CLSE was subsequently retained to perform the site investigation activities. The site investigation work plan discussed herein was subsequently performed.

Regional Geology/Hydrogeology/Topography

The regional geology of Ozaukee County in the immediate vicinity of the Site consists of Quaternary-age unconsolidated glacial deposits described as the Kewaunee silty clay loam (KoB2) and Poygan silty clay loam (Py). KoB2 is associated within moraines and has a parent material of clayey till or calcareous, dense clayey till and Py is associated with depressions and has a parent material of silty and clayey till (United States Department of Agriculture Web Soil Survey (September 2024)). The unconsolidated soils are underlain by Silurian age dolomite of the Cayugan, Niagaran, and Alexandrian series (Bedrock Geologic Map of Wisconsin, Mudrey, M.G., et al., 1982). The depth to bedrock in the area appears to be approximately 85 to 122 feet bgs (e.g., WI Unique Well IDs 8FT351, 8FT352, 8FT353, 8FT432, 8FT433).

Based on the previously performed TSSA, shallow soils at the Site consisted of brown silty clay. The topography within the immediate vicinity of the Site is generally flat lying near an elevation of approximately 740 feet above mean sea level (MSL) with greater undulation present east of the Site. Topography generally slopes toward the east toward Sucker Creek, located approximately 3,300 feet east of the Site at an elevation of approximately 660 MSL. Based on the previous TSSA, a review of other cases in the relative vicinity of the Site, and the topography, groundwater is anticipated to be present at a depth of approximately 9 feet bgs and groundwater flow is anticipated to be toward the east.

Potential Receptors

CLSE will document the locations of public utilities identified during the planned site investigation activities. A private utility contractor will also be hired to document the location of private utility lines located near the planned boring locations.

Based on a review of the WDNR Well Construction Reports database, five potable wells may be present within 1,200 feet of the Site. Potable well construction forms are included in Attachment C. However, municipal water appears to be provided to the Site based on fire hydrants present near the southeastern and northeastern Site boundaries. CLSE will further evaluate whether the identified wells are still present and whether they may be potential receptors after the performance of the proposed soil borings and monitoring wells, if necessary.

The Site is located within a commercial and residential area of the Village of Belgium. No sensitive species, habitat, ecosystem, wetlands, or outstanding resource waters are located in the direct vicinity of the known affected area.

Scope of Work

The proposed scope of work includes the installation of 8 to 10 soil borings to depths of 15 to 20 feet bgs. The purpose of the proposed soil borings will be to further evaluate the extent of soil contamination, and to determine the locations of monitoring wells, if necessary. Monitoring wells are not planned to be performed as part of this scope of work. The approximate locations of the proposed soil borings are shown in Figure 3, Attachment A. Additional soil borings may be performed beyond the identified locations, if it appears necessary based on the field data. The proposed locations of the soil borings may have to be adjusted if utilities are identified within the study area. The initial soil testing results will also be utilized to evaluate whether vapor migration along Site utilities or into the Site building may be occurring.

The soil borings will be advanced with a track-mounted Geoprobe® unit. Soil samples will be collected continuously by utilizing direct push sampling with discrete 5-foot plastic sleeves inserted into a metal sampling barrel being advanced into undisturbed soils to the termination depth of the probes. Soil samples will be screened in the field utilizing visual and olfactory observations and with a Honeywell ppbRae 3000+ PID with a 10.6 eV lamp. Soil cuttings generated during the drilling activities will be placed into a 55-gallon drum and remain on-site until proper disposal can be arranged. Soil sampling tools will be cleaned with a non-phosphate detergent solution and potable water followed with multiple rinses of distilled water. Two soil samples will be collected from each soil boring including one from the direct contact zone (upper 4 feet) and one above the apparent water table. Once the soil sample locations are determined, the samples will be obtained using a new sterile syringe to collect 10 to 12 grams of soil which was immediately transferred to a clean, laboratory-prepared glass vial containing approximately 10 milliliters of methanol. A dry weight sample will also be collected in 2-ounce plastic cup. Each soil sample will be labeled with the sample time, unique sample identifier, samplers initials and sample date, and immediately placed on ice in a cooler. Soil samples will be submitted to Pace Analytical in Green Bay, Wisconsin for the presence of PVOCs and naphthalene (Method 8260B).

Following the receipt of the analytical results, CLSE will prepare a Status Update summarizing the findings and recommendations for any necessary additional work (additional soil borings, monitoring wells, or vapor testing).

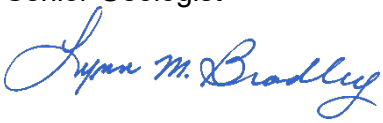
General

The soil borings are currently planned to be performed during March 2025. If you have any questions, please contact the undersigned at (920) 229-8600 or (920) 381-4979.

Sincerely,

CAROW LAND SURVEYING & ENVIRONMENTAL

Brian Youngwirth, P.G.
Senior Geologist

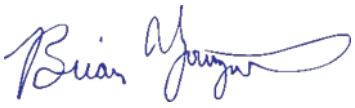


Lynn M. Bradely
Environmental Manager

cc: Tallwinder Gill

Certification of Professional(s)

"I Brian Youngwirth, hereby certify that I am a hydrogeologist as that term is denied in s. NR 712.03 (1), Wisconsin Administrative Code, am registered in accordance with the requirements of ch. GHSS 2, Wis. Adm. Code, or licensed in accordance with the requirements of ch. GHSS 3, Wis. Adm. Code, and that, to the best of my knowledge, all the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code."



January 14 2024

Brian Youngwirth, PG
Senior Geologist

Attachment A: Figures

- Figure 1 – Site Location Map
- Figure 2 – Current Site Map
- Figure 2A – Historic Site Plan and TSSA Soil Sample Location Map
- Figure 3 – Proposed Soil Boring Location Map

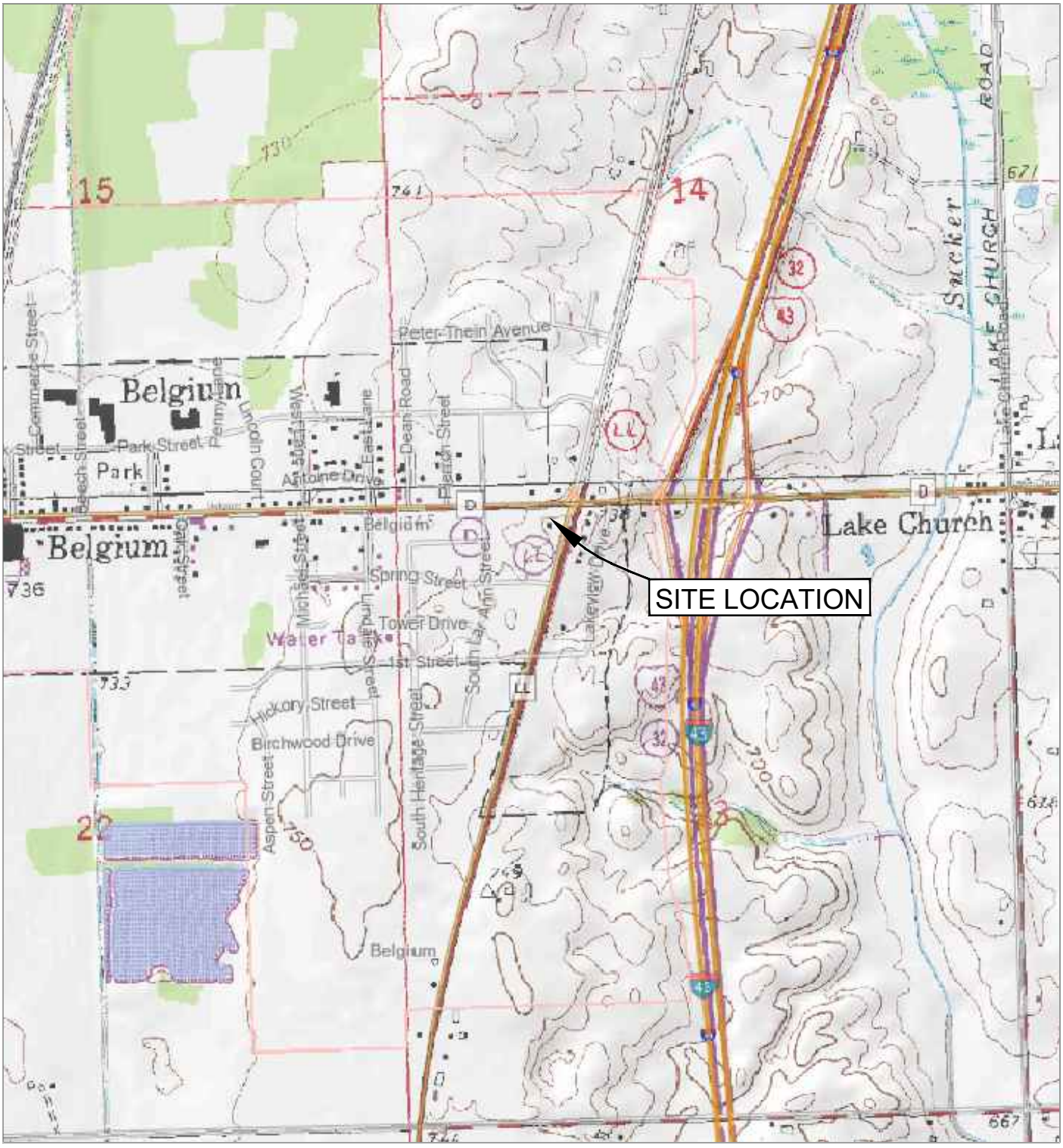
Attachment B: Tables

- Table 1 –Soil Analytical Results

Attachment C: Well Construction Reports

ATTACHMENT A

FIGURES



CAROW LAND SURVEYING & ENVIRONMENTAL

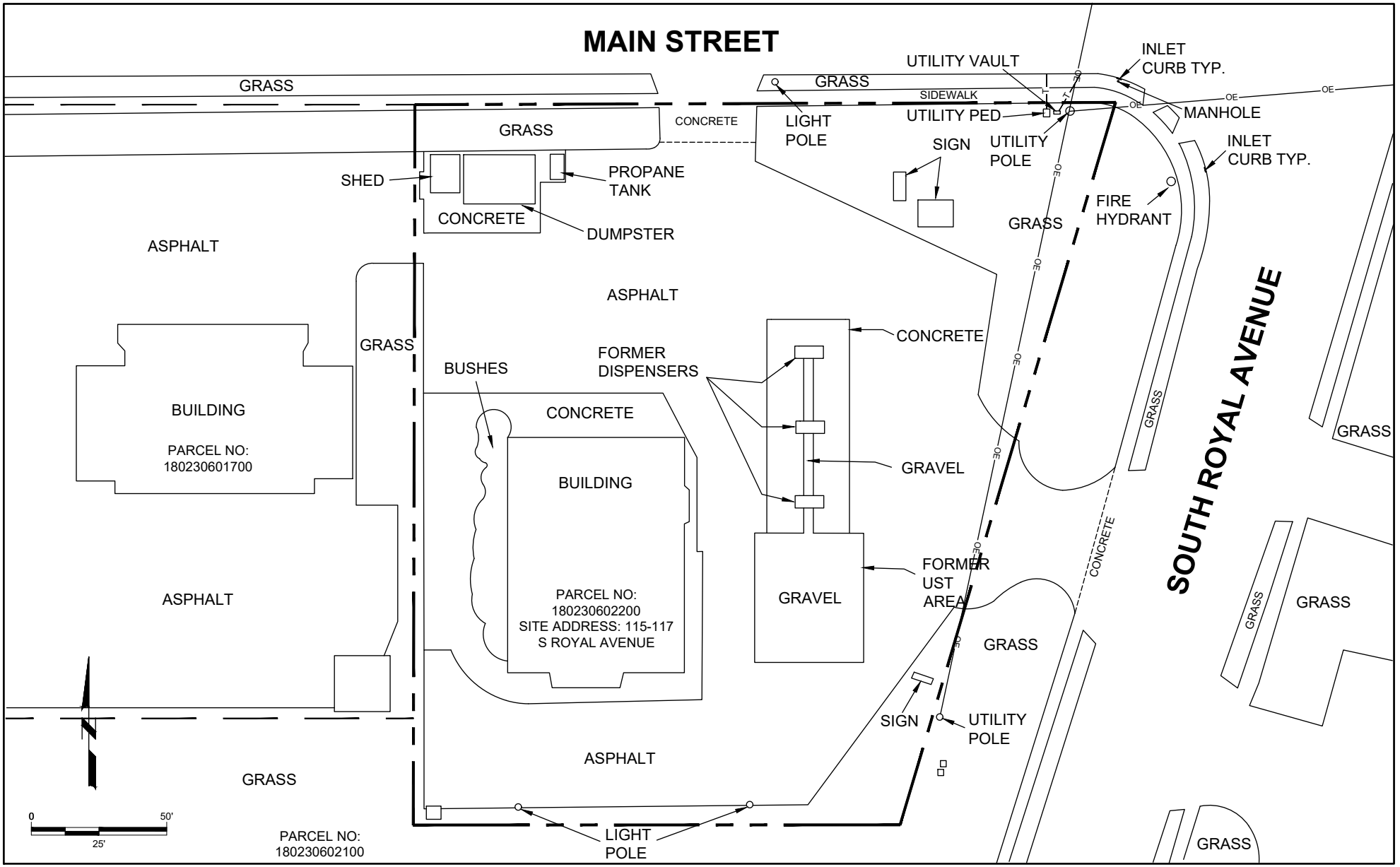
615 N. LYNNDALE DRIVE, APPLETON, WI 54914
PHONE: (920)731-4168
N5841 STATE HIGHWAY 47/55, SHAWANO, WI 54166
PHONE: (715) 526-3638

SITE LOCATION MAP

ROYAL AVENUE SERVICE
115 SOUTH ROYAL AVENUE
VILLAGE OF BELGIUM
OZAUKEE COUNTY, WI

DATE	JAN 2025
FILE NO.	E2409.18
DRAWN BY	ALD
REVIEWED BY	BLY

FIGURE 1



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LEGEND

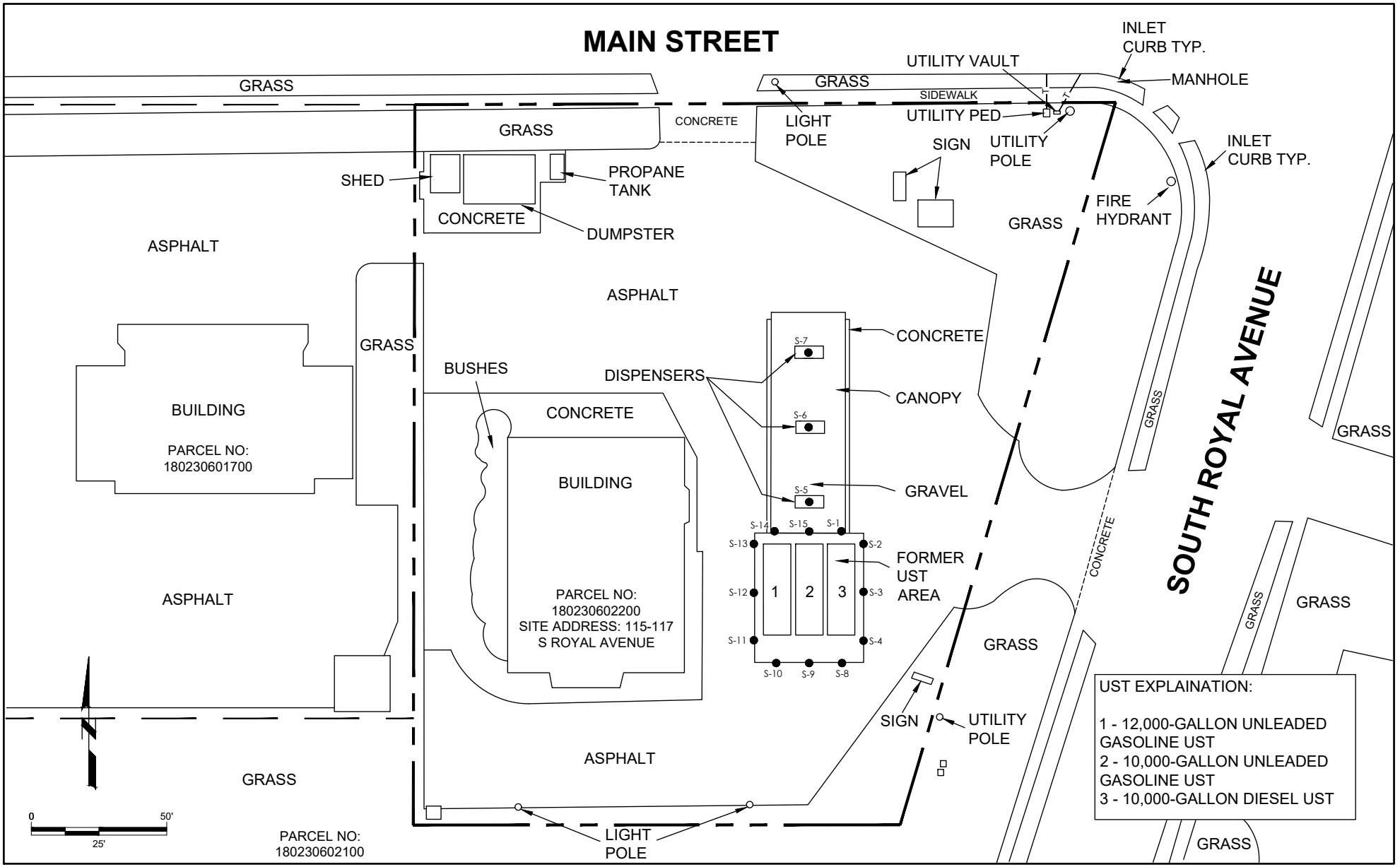
APPROXIMATE PROPERTY BOUNDARY

CURRENT SITE MAP

ROYAL AVENUE SERVICE
115 SOUTH ROYAL AVENUE
VILLAGE OF BELGIUM
OZAUKEE COUNTY, WI

DATE	JAN 2024
FILE NO.	E2409.18
DRAWN BY	ALD
REVIEWED BY	BLY

FIGURE 2



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LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- APPROXIMATE NEIGHBORING PROPERTY BOUNDARY
- S-2 TSSA SOIL SAMPLE LOCATION

HISTORIC SITE PLAN AND TSSA SOIL SAMPLE LOCATION MAP

ROYAL AVENUE SERVICE

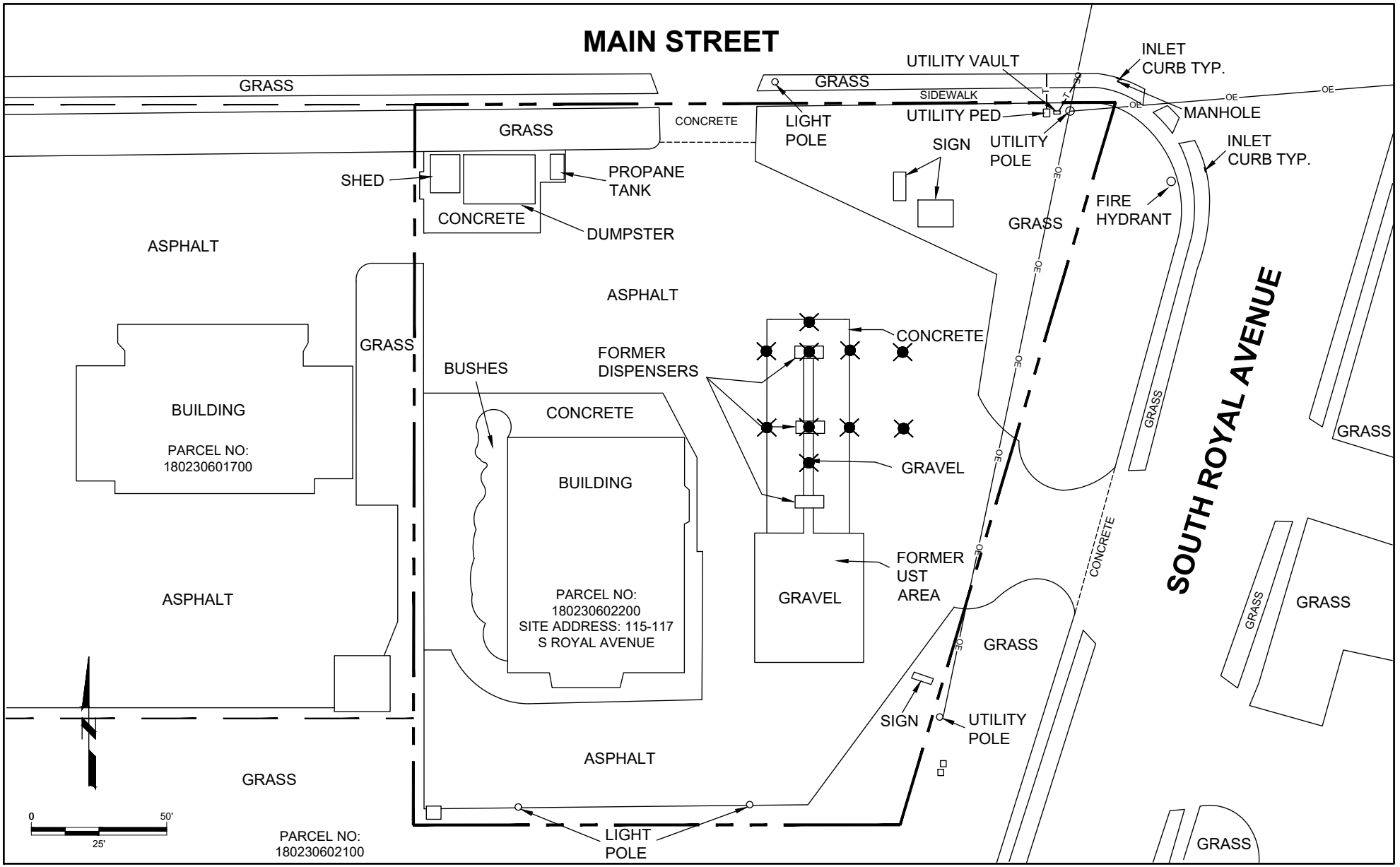
115 SOUTH ROYAL AVENUE

VILLAGE OF BELGIUM

OZAUKEE COUNTY, WI

DATE	JAN 2024
FILE NO.	E2409.18
DRAWN BY	ALD
REVIEWED BY	BLY

FIGURE 2A



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LEGEND

APPROXIMATE PROPERTY BOUNDARY

PROPOSED SOIL BORING LOCATION

PROPOSED SOIL BORING LOCATION MAP

ROYAL AVENUE SERVICE
115 SOUTH ROYAL AVENUE
VILLAGE OF BELGIUM
OZAUKEE COUNTY, WI

DATE	JAN 2024
FILE NO.	E2409.18
DRAWN BY	ALD
REVIEWED BY	BLY

FIGURE 3

ATTACHMENT B

TABLE

TABLE 1
SOIL ANALYTICAL RESULTS TABLE
ROYAL AVENUE SERVICE - 115 SOUTH ROYAL AVENUE, VILLAGE OF BELGIUM, WISCONSIN
CLSE PROJECT NO. E2409.18

Sample No.	WAC NR 720 Cancer Non-Industrial RCL	WAC NR 720 Non-Industrial Direct Contact RCL	WAC NR 720 Soil to Groundwater RCL	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14	S-15
Sampling Date				5/9/2023	5/9/2023	5/9/2023	5/9/2023	5/9/2023	5/9/2023	5/9/2023	5/9/2023	5/9/2023	5/9/2023	5/9/2023	5/9/2023	5/9/2023	5/9/2023	5/9/2023
Sample Description				N NE WALL	E NE WALL	E WALL	E SE WALL	S DISPENSER	CENTER DISPENSER	N DISPENSER	S SE WALL	S WALL	S SW WALL	W SW WALL	W WALL	W NW WALL	N NW WALL	N WALL
PID (instrument units)				1.2	2.8	1.3	2.1	0.7	235.0	573.0	1.2	2.0	3.0	4.2	0.5	3.4	3.3	0.7
Sample Depth (feet)				9 (S)	9 (S)	9 (S)	9 (S)	3 (U)	4 (U)	4 (U)	8-9 (U/S)	8-9 (U/S)	8-9 (U/S)	8-9 (U/S)	8-9 (U/S)	8-9 (U/S)	8-9 (U/S)	8-9 (U/S)
PETROLEUM VOLATILE ORGANIC COMPOUNDS (PVOCs) (µg/kg)																		
Benzene	1,600	1,600	5	<25	<25	<25	<25	<25	**730**	**880**	<25	<25	<25	<25	<25	<25	<25	<25
Ethylbenzene	8,020	8,020	1,600	<25	<25	<25	<25	<25	**4,000**	660	<25	<25	<25	<25	<25	<25	<25	<25
Methyl tert-butyl ether	63,800	63,800	27	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Naphthalene	2,400	2,400	660	<25	<25	<25	<25	<25	**1,940**	***3,130***	<25	<25	<25	<25	<25	<25	<25	<25
Toluene	NE	818,000	1,100	<25	<25	<25	<25	<25	62	114	<25	<25	<25	<25	<25	<25	<25	<25
1,2,4-Trimethylbenzene	NE	219,000	1,400	<25	<25	<25	<25	<25	**12,000**	**12,100**	<25	<25	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	NE	182,000		<25	<25	<25	<25	<25	**3,200**	**4,900**	<25	<25	<25	<25	<25	<25	<25	<25
Xylenes, -m, -p	NE	260,000	4,000	<75	<75	<75	<75	<75	**15,200**	**12,700**	<75	<75	<75	<75	<75	<75	<75	<75
Xylenes, -o																		

J = Analyte detected above laboratory limit of detection but below limit of quantitation.
WAC=Wisconsin Administrative Code
RCL = Residual Contaminant Level
Bold indicates analytical results exceed NR 720 RCL
Italics indicates analytical results exceed the NR 720 direct contact RCL
ug/kg=micrograms per kilogram
U=Unsaturated S=Saturated
NE = NR 720 RCL not established

ATTACHMENT C

WELL CONSTRUCTION REPORTS

WELL CONSTRUCTOR'S REPORT TO WISCONSIN STATE BOARD OF HEALTH

See Instructions on Reverse Side

NOV 7 1945

1. County Ozaukee { Town ✓ / ~~Village~~ / ~~City~~ } Belgium

2. Location T 12N R 22E Sec 15 W½ SW, sec. 14

3. Owner or Agent Leo Straus

4. Address R#1 Belgium Wis

5. From well to nearest: Building 5 ft; sewer — ft; drain — ft; septic tank — ft; dry well or filter bed — ft; abandoned well 50 ft.

6. Well is intended to supply water for: Dairy Farm

7. DRILLHOLE OR EXCAVATION:

Dia. (in.)	From (ft)	To (ft.)
6	0	250

8. CASING AND LINER PIPE OR CURBING:

Dia. (in.)	Kind	From (ft.)	To (ft.)
6	Standard Weight Steel Pipe	0	98

9. GROUT:

Kind	From (ft.)	To (ft.)
Puddled Clay	0	30

10. FORMATIONS:

Kind	Thickness (ft.)	Total Depth (ft.)
Red Clay	75	75
Blue Clay	23	98
Lime Rock	152	250

11. MISCELLANEOUS DATA:

Yield test: 2 Hrs. at 20 GPM.

Depth from surface to water: 25 ft.

Water-level when pumping: 50 ft.

Water sample sent to laboratory at

— on — 19—

Construction of the well was completed on Aug 1st 19 45

The well is terminated 10 inches (above) (~~below~~) the permanent grade.

Was the well disinfected upon completion?

Yes — No X

Was the well sealed watertight upon completion?

Yes X No —

Signature Nic Braun & Son
Registered Well Driller

Cedarburg Wis
R # 2
Complete Mail Address

0 Z 8 3 8 2

Wd. 6

WELL CONSTRUCTOR'S REPORT TO WISCONSIN STATE BOARD OF HEALTH

See Instructions on Reverse Side

1. County Ozaukee — Town ☒ Village ☐ City ☐ Belgium (Check one and give name)

SE, SW, Sec 14

2. Location Highway 141 — T 12N R 22E
Name of street and number of premise or Section, Town and Range numbers

AUG 11 1954

3. Owner ☒ or Agent ☐ Wm. Wellenstein
Name of individual, partnership or firm

4. Mail Address Belgium Wis
Complete address required

5. From well to nearest: Building 40 ft; sewer 40 ft; drain ____ ft; septic tank 65 ft; dry well or filter bed 150 ft; abandoned well ____ ft.

6. Well is intended to supply water for: Residence

7. DRILLHOLE:

Dia. (in.)	From (ft.)	To (ft.)	Dia. (in.)	From (ft.)	To (ft.)
6	0	162			

8. CASING AND LINER PIPE OR CURBING:

Dia. (in.)	Kind and Weight	From (ft.)	To (ft.)
6	Blk Steel Pipe	0	85

9. GROUT:

Kind	From (ft.)	To (ft.)
Clay Slurry	0	40

10. FORMATIONS:

Kind	From (ft.)	To (ft.)
Clay	0	40
Hard Pan	40	85
Rock	85	162

Construction of the well was completed on: July 20 1954

The well is terminated 6 inches ☐ above, below ☐ the permanent ground surface.

Was the well disinfected upon completion?
Yes X No ____

Was the well sealed watertight upon completion?
Yes X No ____

11. MISCELLANEOUS DATA:

Yield test: 10 Hrs. at 10 GPM.

Depth from surface to water-level: 50 ft.

Water-level when pumping: 60 ft.

Water sample was sent to the state laboratory at: Madison (City) on Aug 1 1954

Signature Louis Bares (Registered Well Driller) — Belgium Wis (Complete Mail Address)

Please do not write in space below

Rec'd AUG 4 1954 No. 22617

Ans'd ____

Interpretation SAFE

	10 ml	10 ml	10 ml	10 ml	10 ml
Gas—24 hrs.	2				
48 hrs.	9				
Confirm					
B. Coli					

Examiner ____

OZ 8383

plb

Wel. 6-30M (6-50)

WELL CONSTRUCTOR'S REPORT TO WISCONSIN STATE BOARD OF HEALTH

See Instructions on Reverse Side

1. County Ozaukee (Town ☒ Village ☐ City ☐) Belgium — Check one and give name

SE, SE, SW, sec. 14

2. Location Highway 141 T 12N R 22E
Name of street and number of premise or Section, Town and Range numbers

RECEIVED SEP 1 1953 ENVIRONMENTAL SANITATION

3. Owner ☒ or Agent ☐ John Kriers
Name of individual, partnership or firm

4. Mail Address Belgium Wis.
Complete address required

5. From well to nearest: Building 8 ft; sewer ____ ft; drain ____ ft; septic tank 60 ft; dry well or filter bed ____ ft; abandoned well 125 ft.

6. Well is intended to supply water for: Residence

7. DRILLHOLE:

Dia. (in.)	From (ft.)	To (ft.)	Dia. (in.)	From (ft.)	To (ft.)
6	0	173			

8. CASING AND LINER PIPE OR CURBING:

Dia. (in.)	Kind and Weight	From (ft.)	To (ft.)
6	Blk Std Pipe	0	90

9. GROUT:

Kind	From (ft.)	To (ft.)
Cly Slry	0	30

10. FORMATIONS:

Kind	From (ft.)	To (ft.)
Red Cly	0	38
Hard Pan	38	90
Lime Stone	90	173

Construction of the well was completed on:

Aug 14 19 53

The well is terminated 6 inches ☐ above, below ☐ the permanent ground surface.

Was the well disinfected upon completion?

Yes ☒ No ____

Was the well sealed watertight upon completion?

Yes ☒ No ____

11. MISCELLANEOUS DATA:

Yield test: 10 Hrs. at 10 GPM.

Depth from surface to water-level: 30 ft.

Water-level when pumping: 35 ft.

Water sample was sent to the state laboratory at: Madison City on Aug 24 1953

Signature Louis Baes
Registered Well Driller

Belgium Wis
Complete Mail Address

Please do not write in space below

Rec'd AUG 1953 No. 20052

Ans'd ____

Interpretation ____

SAFE

	10 ml	10 ml	10 ml	10 ml	10 ml
Gas—24 hrs.	0				
48 hrs.	0				
Confirm					
B. Coli	0/5				

Examiner ____

0Z8384

WELL CONSTRUCTOR'S REPORT TO WISCONSIN STATE BOARD OF HEALTH

See Instructions on Reverse Side

RECEIVED MAR 21 1950 BUREAU SAN. ENG.

1. County Ozaukee — Town ☒ Village ☐ City ☐ Belgium (Check one and give name)

2. Location Highway D NE NW 23 12N-22E
Name of street and number of premise or Section, Town and Range numbers

3. Owner ☒ or Agent ☐ Mrs Mary Graff
Name of individual, partnership or firm

4. Mail Address Belgium Wis
Complete address required

5. From well to nearest: Building 25 ft; sewer — ft; drain — ft; septic tank — ft; dry well or filter bed — ft; abandoned well — ft.

6. Well is intended to supply water for: Residence

7. DRILLHOLE:

Dia. (in.)	From (ft.)	To (ft.)	Dia. (in.)	From (ft.)	To (ft.)
6	0	122			

8. CASING AND LINER PIPE OR CURBING:

Dia. (in.)	Kind	From (ft.)	To (ft.)
6	Lt Blk Pipe.	0	101

9. GROUT:

Kind	From (ft.)	To (ft.)
Clay Slurry	0	30

10. FORMATIONS:

Kind	From (ft.)	To (ft.)
Red Clay.	0	60
Blue Clay	60	100
Gravel	100	101
Water bearing Rock	101	122

Construction of the well was completed on: 2-14 19 50

The well is terminated 6 inches ☒ above, below ☐ the permanent ground surface.

Was the well disinfected upon completion?

Yes X No —

Was the well sealed watertight upon completion?

Yes X No —

11. MISCELLANEOUS DATA:

Yield test: 10 Hrs. at 10 GPM.

Depth from surface to water-level: 30 ft.

Water-level when pumping: 30 ft.

Water sample was sent to the state laboratory at: Sheboygan City on 3-14 1950

Signature Louis Baies
Registered Well Driller

Belgium Wis
Complete Mail Address

Please do not write in space below

Rec'd 3-14-50 No. 833

Ans'd 3-16-50 C

Interpretation Bact. O.K.

	10 ml	10 ml	10 ml	10 ml	10 ml
Gas—24 hrs.	+	+			
48 hrs.	+	+	+	+	+
Confirm					
B. Coli	+	+	+	+	+

Examiner JB

0 2 8 4 6 4

WELL CONSTRUCTOR'S REPORT TO WISCONSIN STATE BOARD OF HEALTH

See Instructions on Reverse Side

RECEIVED
JAN 20 1950
BUREAU SAN. ENG.

1. County Oconto — Town ☒ Belgium; Village ☐; City ☐ — Check one and give name

NW, NE, NW, Sec. 23

2. Location Highway 141 — T 12N, R 22 E
Name of street and number of premise or Section, Town and Range numbers

3. Owner ☒ or Agent ☐ Nic J. Buckley.
Name of individual, partnership or firm

4. Mail Address Belgium Wis.
Complete address required

5. From well to nearest: Building 6 ft; sewer — ft; drain — ft; septic tank — ft; dry well or filter bed — ft; abandoned well — ft.

6. Well is intended to supply water for: Home.

7. DRILLHOLE:

Dia. (in.)	From (ft)	To (ft)	Dia. (in.)	From (ft.)	To (ft.)
6	0	163			

8. CASING AND LINER PIPE OR CURBING:

Dia. (in.)	Kind	From (ft.)	To (ft.)
6	St Blk Pipe	0	122

9. GROUT:

Kind	From (ft.)	To (ft.)
Cly Slury	0	30

10. FORMATIONS:

Kind	From (ft)	To (ft)
Clay, Red	0	105
Gravel	105	122
Rock	122	163

Construction of the well was completed on: [redacted] 12-20 19 49

The well is terminated 6 inches ☒ above, below ☐ the permanent ground surface.

Was the well disinfected upon completion?

Yes ____ No X

Was the well sealed watertight upon completion?

Yes X No ____

11. MISCELLANEOUS DATA:

Yield test: 10 Hrs. at 10 GPM.

Depth from surface to water-level: 46 ft.

Water-level when pumping: 60 ft.

Water sample was sent to the state laboratory at: Kiekhofer (City) on 1-11 1950

Signature Louis Bares — Registered Well Driller

Belgium Wis. — Complete Mail Address

Please do not write in space below

Rec'd 1-11-50 No. 408

Ans'd 1-13-50

Interpretation Unsafe

	10 ml	10 ml	10 ml	10 ml	10 ml
Gas—24 hrs.	+	+	+		
48 hrs.	+	+	+	-	-
Confirm					
B. Coli	-	-	+	-	-

Examiner [signature]

0Z8465