



Professional Service Industries, Inc.
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July 8, 2025

Ms. Erin Gerred
Fond du Lac County
160 South Macy Street
Fond du Lac, Wisconsin 54935

Subject: Supplementary Environmental Report
Fond du Lac County
160 South Macy Street
Fond du Lac, Wisconsin 54935
Project Number 00922885-2

Dear Ms. Gerred:

This letter is to provide supplemental environmental information, and the findings of the samples collected from 4 geotechnical soil borings (B-1, B-2, B-3 and B-7) because of a possible petroleum odor noticed in the soil while drilling. The drilling was performed on May 14, 2025, at 160 South Macy Street in Fond du Lac, Wisconsin (See Fig. 1 for site location). The purpose of the soil borings and sampling was part of the preliminary geotechnical site exploration and evaluation and feasibility study for the proposed construction of an addition to the existing jail complex. It is also understood that an underground storage tank (UST) remediation was performed where 518 cubic yards of contaminated soil was excavated and removed prior to the construction of the last addition.

This report is a summary of the finding of further testing that was performed because of the possible petroleum odor observed from soil samples collected from soil borings B-1, B-2, B-3 and B-7 that were performed as part of the geotechnical exploration and evaluation.

PSI field screened each soil sample collected for the presence of volatile organic vapors using a Photoionization Detector (PID). Four (4) soil samples were collected, one from each boring and submitted to a laboratory to be analyzed for the presence of Petroleum related Volatile Organic Compounds (PVOCs) and lead.

Companion soil samples for chemical analyses were selected based upon visual and olfactory observation and the PID screening results. The lead samples were placed into 4-ounce amber glass jars. The VOC samples were placed in 40 milliliter bottles. The soil samples were placed on ice, and a chain of custody procedure was initiated; they were submitted to Pace Analytical Services, LLC (Green Bay, Wisconsin). The analytical report and chain of custody are included in the Appendix.

The description of services and authorization to perform this evaluation were in the form of a signed acceptance copy of PSI Proposal No. 0092-447107, dated April 4, 2025. The general conditions for the performance of the work were referenced in the proposal. This report has been prepared on behalf of, and exclusively for the use of Fond du Lac County. The information



contained in this report may not be relied upon by any other parties without the express written consent of PSI, and acceptance by such parties of PSI's General Conditions.

Laboratory Soil Results

No PVOCs were detected in the soil samples. Lead was detected in the soil samples, but the concentrations detected were well below the Residual Contamination Levels (RCLs).

The results of the laboratory analyses of the selected soil samples are summarized on the soil analytical table included in the Appendix.

ADDITIONAL FILE SEARCH INFORMATION

JULY 25, 1996

Hydro Search, Inc. (HSI) submitted a document to the Wisconsin Department of Natural Resource (WDNR) stating that they had recently completed its soil sampling of the stockpiled soil at the fond du Lac jail site. As required by the WDNR approximately 518 cubic yards of impacted soils were removed and stockpiled before construction of the previous building expansion. HSI recommended landfilling 86 cubic yards of contaminated soil and use the rest of the stockpiled soil as clean fill. In addition, HSI requested closure of the in-place contaminated soils at the site. The document did not say what the 518 cubic yard excavation was backfilled with or even suggest it needed to be properly compacted and tested prior to construction of the new jail addition.

November 7, 1996

Michael Best & Friedrich prepared a deed restriction to be recorded on the jail property as required as part of the condition of case closure for the property. This deed restriction was submitted to the property owner for review and signature and then to be filed with the county. This document states what is required of the property owner if the building or utilities are ever removed.

December 11, 1996

As part of the site closure, a "declaration of restrictions and covenants" was filed with Fond du Lac County, Volume 1293, page 960-963. This document was required to receive closure for the petroleum discharges documented to have occurred on this property (Parcel 2). This document was the desire and intention of the property owner to impose on the property restrictions which will make it unnecessary to conduct further soil remediation activities on the property at the present time. The document stated one or more petroleum discharges have occurred on this property. Structural and utility impediments existing at the time of cleanup made complete remediation of the contamination impracticable. Gasoline contaminated soil remains on this property at the following locations near the east wall of the over excavation as described in the report entitled remedial investigation for Fond Du Lac County jail site by HSI. Dated February 28, 1996. s. 144.76, stats., any future subsurface work on this property which removes the structural impediments which currently exist shall provide for an investigation of the degree and extent of contamination. If additional contamination is found, the WDNR is to be notified immediately, and the contamination shall be properly treated or disposed of in accordance with applicable laws. On February 18, 1997, as part of the of the WDNR requirement for site closure,



Michael Best & Friedrich sent a letter to Mark Putra of the WDNR which enclosed for his file a copy of the signed recorded deed restriction on a jail property in Fond du Lac.

Summary

If the proposed building addition to the current jail facility encounters any past defined soil contamination, PSI will need to notify the WDNR and submit a soil management plan to the WDNR, plan for any required investigation and oversee soil handling within the affected areas. Upon completion of all the soil work on site, PSI will submit the proper documentation reports to the WDNR which may or may not include the recommences for future obligations.

Also, there were apparent locations that the building slab appeared to have settled in the jail addition and were lower than the adjacent slab where they met, or subsided or settled adjacent to a wall. The areas of the addition that appear to have settlement issues also appear to be in the same area that the environmental over excavation was performed to remove the contaminated soil which was accessible. 815 cubic yards of soil were removed prior to construction of the addition. The information suggests that when the environmental over excavation was backfilled the compaction may not have been done properly or tested during compaction. Some additional settlement may occur.

The Path Forward. If the jail addition is to proceed at the current site, PSI will prepare a specific site safety plan as well as soil management plan prior to beginning earth work. A PSI representative will be on site during earth work to document (and sample as needed) the proper handling of any contaminated soil encountered, which would also include the known contamination adjacent to and under the existing building.

If you have any questions, please do not hesitate to contact us at (920) 745-2200.

Respectfully Submitted,

PROFESSIONAL SERVICE INDUSTRIES, INC.



David Egerton
Geologist/Environmental Scientist



Jeffery Fischer
Branch Manager

Attachments: Figure 1 – Soil Boring Location Map (B-1, B-2, B-3 and B-7) highlighted
Figure 2 – Soil Borings Logs (B-1, B-2, B-3 and B-7)
Soil Analytical Table



Soil Analytical Table

Fond du Lac County Jail, 63 Western Avenue, Fond du Lac, Wisconsin 54935

| Analytical Parameter | Location | B-1 | B-2 | B-3 | B-7 | NR 720 RCL | | | NR720 BTV |
|-----------------------------|----------|---------|--------------|--------------|--------------|-----------------------------------|-------------------------------|------------------------|-----------|
| | Depth | 1-3 | 3.5-5 | 3.5-5 | 3.5-5 | | | | |
| | Date | 5/13/25 | 5/13/25 | 5/13/25 | 5/14/25 | | | | |
| Soil Type | | Fill | Natural Clay | Natural Clay | Natural Clay | | | | |
| Saturated/Unsaturated (U/S) | | U | U | U | U | Direct Contact/ Non-Industrial | Direct Contact/ Industrial | Groundwater Pathway | |
| PID (ppm) | | 163.2 | 111.7 | 17.3 | 17.4 | | | | |
| Analyte | | | | | | | | | |
| No PVOCs Detected | | | | | | | | | |
| RCRA Metals | | | | | | | | | |
| Lead | mg/kg | 7.6 | 6.4 | 7.8 | 8.1 | 200 | 800 | <u>27</u> | 52 |

Notes:

Bold concentrations exceed NR 720 non-industrial direct contact RCLs

Boxed concentrations exceed NR 720 industrial direct contact RCLs

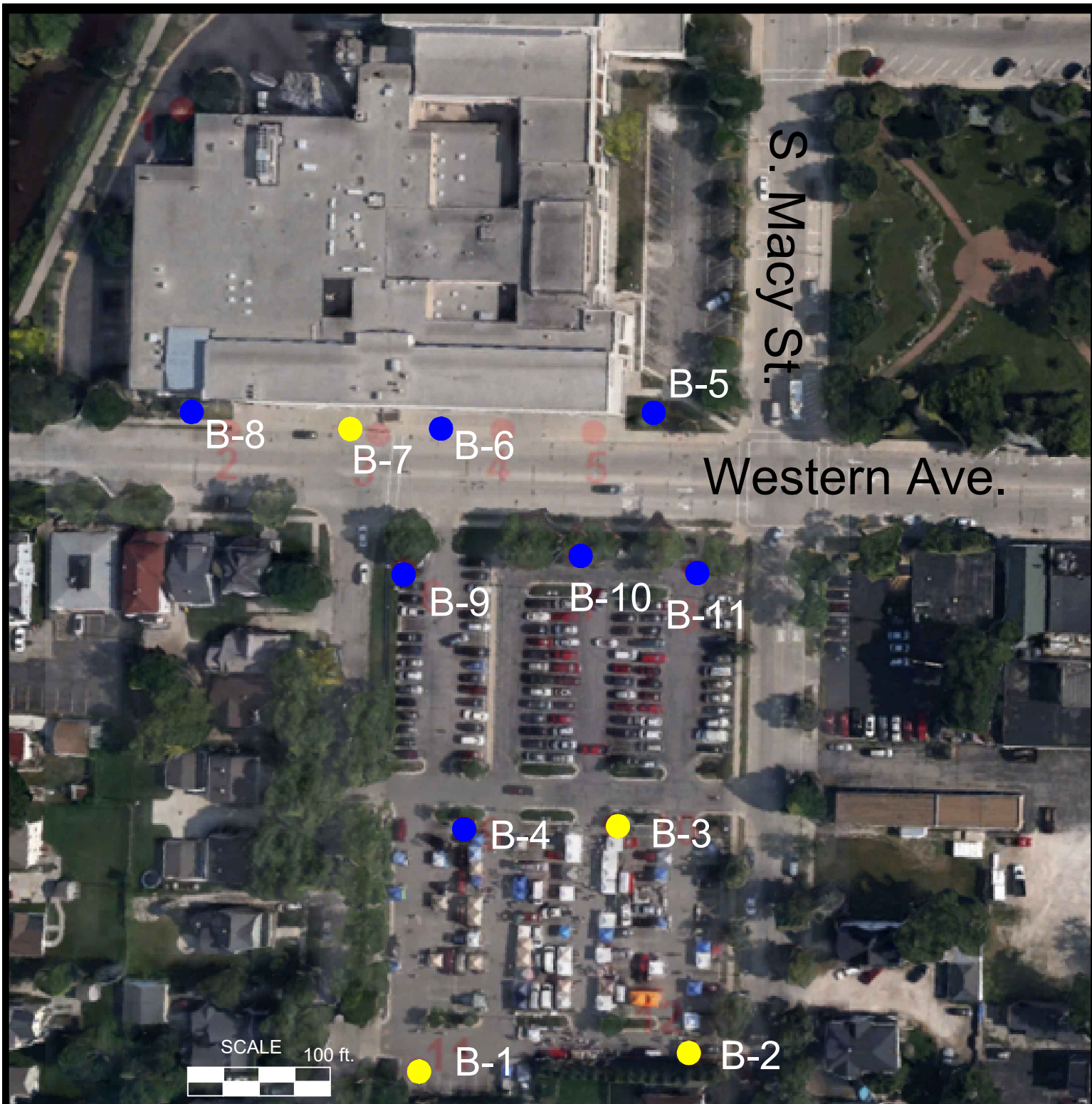
Italicized concentrations exceed NR 720 groundwater pathway RCLs

--- Not analyzed/Not Established

RCL - residual contaminant level

BTV = Background Threshold Value

ND - No Detect



Boring Location Map

Fond du Lac County Jail
Fond du Lac, WI



Geotechnical Services
608 N. Stanton St.
Ripon, WI 54971
Phone (920) 745-2200

Date: 07/06/25 Drawn by: de

LEGEND

- Soil Boring Location
- Soil Boring Location Sampled for PVOCs and Lead



Proposal No. 00922860



SOIL BORING LOG: B - 1

Project: Fond du Lac County Jail

Project No.: 00922860

Location: Fond du Lac, WI

Drill Date: May 13, 2025

| DEPTH/EL. (feet) | VISUAL SOIL CLASSIFICATION | GROUND SURFACE ELEVATION: 760.0 | SAMPLE NO. | N (bpf) | Qp (tsf) | Qu (tsf) | MC (%) | REMARKS |
|---------------------|--|---------------------------------|------------|------------|-------------|-------------|-----------|-----------|
| | 4" ASPHALT | | 1-SS | | | | 2 | PID 10.1 |
| 1 759.0 | 8" Light brown SAND with gravel, trace silt, moist (BASE COURSE FILL) | | | 10 | | | 6 | PID 163.2 |
| 2 758.0 | Brown SAND with gravel and silt, moist (FILL). Possible petroleum odor. | | 2-SS | | | | 10 | PID 158.9 |
| 3 757.0 | | | | | | | | |
| 4 756.0 | Reddish brown CLAY with silt, trace gravel, moist. Slight possible petroleum odor. | | 3-SS | 13 | 3.5 | 3.3 | 22 | PID 50.1 |
| 5 755.0 | | | | | | | | |
| 6 754.0 | | | 4-SS | 13 | 4.0 | 4.33 | 23 | PID 39.1 |
| 7 753.0 | Reddish brown CLAY with silt, trace gravel, moist. | | | | | | | |
| 8 752.0 | | | | | | | | |
| 9 751.0 | | | 5-SS | 14 | 3.25 | | 23 | PID 6.5 |
| 10 750.0 | | | | | | | | |
| 11 749.0 | Reddish brown CLAY with silt, trace gravel, moist. | | | | | | | |
| 12 748.0 | | | | | | | | |
| 13 747.0 | | | | | | | | |
| 14 746.0 | | | 6-SS | 11 | 3.5 | 2.87 | 26 | PID 17.8 |
| 15 745.0 | | | | | | | | |
| 16 744.0 | | | | | | | | |
| 17 743.0 | Reddish brown CLAY with silt, trace gravel, moist. | | | | | | | |
| 18 742.0 | | | | | | | | |
| 19 741.0 | | | 7-SS | 9 | 1.25 | 1.90 | 30 | PID 13.5 |
| 20 740.0 | Reddish brown CLAY with silt, trace gravel, moist. | | | | | | | |
| 21 739.0 | | | | | | | | |
| 22 738.0 | | | | | | | | |
| 23 737.0 | | | | | | | | |
| 24 736.0 | | | 8-SS | 9 | 2.5 | 2.72 | 29 | PID 8.7 |
| 25 735.0 | Reddish brown CLAY with silt, trace gravel, moist. | | | | | | | |
| 26 734.0 | | | | | | | | |
| 27 733.0 | | | | | | | | |
| 28 732.0 | | | | | | | | |
| 29 731.0 | Gray CLAY with silt, very moist | | 9-SS | 9 | | | 22 | PID 3.2 |
| 30 730.0 | | | | | | | | |
| 31 729.0 | Gray CLAY with silt, very moist | | | | | | | |
| 32 728.0 | | | | | | | | |
| 33 727.0 | | | | | | | | |
| 34 726.0 | | | 10-SS | 13 | 2.5 | 2.72 | 12 | PID 12.1 |
| 35 725.0 | Brown CLAY with silt, trace gravel, moist | | | | | | | |
| 36 724.0 | | | | | | | | |
| 37 723.0 | | | | | | | | |
| 38 722.0 | | | | | | | | |
| 39 721.0 | | | 11-SS | 22 | 3.5 | | 13 | PID ND |
| 40 720.0 | END OF BORING @ 40 FEET | | | | | | | |

FIELD OBSERVATIONS:

Water Level ^{at} during drilling: 28.5 ± feet below ground surface (EL. 731.5±)
 Water Level ^{at} upon completion: 13 ± feet below ground surface (EL. 749.0±)
 Caved at ^{at} upon completion: 13 ± feet below ground surface (EL. 749.0±)
 Delay Time: NA
 Water Level ^{at} during: NA
 Caved at ^{at} during: NA

ADDITIONAL COMMENTS:

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 ND=No Detect

Note: Lines of stratification represent an **approximate** boundary between soil types. Variations may occur between sampling intervals and/or boring locations. Transitions may also be gradual.



SOIL BORING LOG: B - 2

Project: Fond du Lac County Jail

Project No.: 00922860

Location: Fond du Lac, WI

Drill Date: May 13, 2025

| DEPTH/EL. (feet) | VISUAL SOIL CLASSIFICATION | SAMPLE NO. | N (bpf) | Qp (tsf) | Qu (tsf) | MC (%) | REMARKS | |
|--------------------------------|---|------------|------------|-------------|-------------|-----------|-----------|---------|
| | GROUND SURFACE ELEVATION: 780.5 | | | | | | | |
| | 6" ASPHALT | | | | | | | |
| 1 759.5 | 18" Gray GRAVEL with sand, trace silt, damp (BASE COURSE FILL) | 1-SS | 10 | | | 2 | PID ND | |
| 2 758.5 | | 2-SS | | | | 7 | | |
| 3 757.5 | Reddish brown CLAY with silt, trace gravel, moist. Possible petroleum odor. | | | | | | | |
| 4 756.5 | | 3-SS | 13 | 3.5 | 3.71 | 24 | PID 111.7 | |
| 5 755.5 | | | | | | | | |
| 6 754.5 | | | | | | | | |
| 7 753.5 | | 4-SS | 11 | 3.5 | 2.72 | 26 | PID 37.6 | |
| 8 752.5 | | | | | | | | |
| 9 751.5 | | | | | | | | |
| 10 750.5 | | 5-SS | 13 | 3.75 | | | 25 | PID 9.7 |
| 11 749.5 | | | | | | | | |
| 12 748.5 | | | | | | | | |
| 13 747.5 | | | | | | | | |
| 14 746.5 | | | | | | | | |
| 15 745.5 | Reddish brown CLAY with silt, very moist | 6-SS | 12 | 3.5 | 3.36 | 25 | PID ND | |
| 16 744.5 | | | | | | | | |
| 17 743.5 | | | | | | | | |
| 18 742.5 | | | | | | | | |
| 19 741.5 | | | | | | | | |
| 20 740.5 | | 7-SS | 14 | 3.75 | 4.95 | 24 | PID ND | |
| 21 739.5 | | | | | | | | |
| 22 738.5 | | | | | | | | |
| 23 737.5 | | | | | | | | |
| 24 736.5 | | | | | | | | |
| 25 735.5 | | 8-SS | 18 | 3.0 | | 28 | PID ND | |
| 26 734.5 | | | | | | | | |
| 27 733.5 | | | | | | | | |
| 28 732.5 | | | | | | | | |
| 29 731.5 | | | | | | | | |
| 30 730.5 | | 9-SS | 11 | 4.0 | 4.53 | 27 | PID ND | |
| 31 729.5 | | | | | | | | |
| 32 728.5 | | | | | | | | |
| 33 727.5 | | | | | | | | |
| 34 726.5 | Gray CLAY with silt, trace sand and gravel, moist | 10-SS | 17 | 3.0 | 2.47 | 14 | PID ND | |
| 35 725.5 | | | | | | | | |
| 36 724.5 | | | | | | | | |
| 37 723.5 | | | | | | | | |
| 38 722.5 | | | | | | | | |
| 39 721.5 | | 11-SS | 18 | 3.75 | | 15 | PID ND | |
| 40 720.5 | | | | | | | | |
| END OF BORING @ 40 FEET | | | | | | | | |

FIELD OBSERVATIONS:

Water Level during drilling: None encountered
 Water Level upon completion: 12 ± feet below ground surface (EL. 748.5±)
 Caved at upon completion: 12 ± feet below ground surface (EL. 748.5±)
 Delay Time: NA
 Water Level at depth: NA
 Caved at depth: NA

ADDITIONAL COMMENTS:

ND=No Detect

Note: Lines of stratification represent an **approximate** boundary between soil types. Variations may occur between sampling intervals and/or boring locations. Transitions may also be gradual.



SOIL BORING LOG: B - 3

Project: Fond du Lac County Jail

Project No.: 00922860

Location: Fond du Lac, WI

Drill Date: May 13, 2025

| DEPTH/EL. (feet) | VISUAL SOIL CLASSIFICATION | GROUND SURFACE ELEVATION: 760.0 | SAMPLE NO. | N (bpf) | Qp (tsf) | Qu (tsf) | MC (%) | REMARKS |
|---------------------|---|---------------------------------|------------|------------|-------------|-------------|-----------|----------|
| | 5" ASPHALT | | | | | | | |
| 1 759.0 | 13" Light brown SAND with gravel, damp (BASE COURSE FILL) | | 1-SS | 35 | | | 2 | PID 4.0 |
| 2 758.0 | Gray GRAVEL, damp (FILL). Possible petroleum odor. | | 2-SS | | | | 2 | PID 61.8 |
| 3 757.0 | | | | | | | | |
| 4 756.0 | Reddish brown CLAY with silt, trace gravel, moist | | 3-SS | 12 | 3.5 | 3.56 | 23 | PID17.3 |
| 5 755.0 | | | | | | | | |
| 6 754.0 | | | 4-SS | 14 | 3.5 | 3.98 | 23 | PID 5.1 |
| 7 753.0 | | | | | | | | |
| 8 752.0 | | | | | | | | |
| 9 751.0 | | | 5-SS | 12 | 3.75 | | 24 | PID 2.4 |
| 10 750.0 | | | | | | | | |
| 11 749.0 | | | | | | | | |
| 12 748.0 | | | | | | | | |
| 13 747.0 | | | 6-SS | 10 | 3.75 | 2.05 | 27 | PID 33.7 |
| 14 746.0 | | | | | | | | |
| 15 745.0 | | | | | | | | |
| 16 744.0 | | | | | | | | |
| 17 743.0 | | | | | | | | |
| 18 742.0 | | | | | | | | |
| 19 741.0 | | 7-SS | 12 | 2.0 | 3.05 | 25 | PID 7.7 | |
| 20 740.0 | | | | | | | | |
| 21 739.0 | | | | | | | | |
| 22 738.0 | | | | | | | | |
| 23 737.0 | | | | | | | | |
| 24 736.0 | | 8-SS | 15 | 3.75 | 3.46 | 23 | PID 24.5 | |
| 25 735.0 | | | | | | | | |
| 26 734.0 | | | | | | | | |
| 27 733.0 | | | | | | | | |
| 28 732.0 | | | | | | | | |
| 29 731.0 | Gray SILT with sand, moist | | 9-SS | 15 | | | 21 | PID 28.6 |
| 30 730.0 | | | | | | | | |
| 31 729.0 | | | | | | | | |
| 32 728.0 | | | | | | | | |
| 33 727.0 | | | | | | | | |
| 34 726.0 | Brown CLAY with silt, moist | | 10-SS | 24 | 4.5+ | 5.36 | 13 | PID 2.2 |
| 35 725.0 | | | | | | | | |
| 36 724.0 | | | | | | | | |
| 37 723.0 | | | | | | | | |
| 38 722.0 | | | | | | | | |
| 39 721.0 | | | 11-SS | 30 | 4.5 | 3.71 | 14 | PID 3.0 |
| 40 720.0 | END OF BORING @ 40 FEET | | | | | | | |

FIELD OBSERVATIONS:

Water Level during drilling: None encountered
 Water Level upon completion: None encountered
 Caved at upon completion: 23 ± feet below ground surface (EL. 737.0±)
 Delay Time: NA
 Water Level at base: NA
 Caved at base: NA

ADDITIONAL COMMENTS:

ND=No Detect

Note: Lines of stratification represent an approximate boundary between soil types. Variations may occur between sampling intervals and/or boring locations. Transitions may also be gradual.



SOIL BORING LOG: B - 7

Project: Fond du Lac County Jail

Project No.: 00922860

Location: Fond du Lac, WI

Drill Date: May 14, 2025

| DEPTH/EL. (feet) | VISUAL SOIL CLASSIFICATION GROUND SURFACE ELEVATION: 759.5 | SAMPLE NO. | N (bpf) | Qp (tsf) | Qu (tsf) | MC (%) | REMARKS | |
|-------------------------|---|---|------------|-------------|-------------|-----------|----------|---------|
| 1 | 758.5 | 6" CONCRETE | | | | | 4 | PID 0.3 |
| 2 | 757.5 | 1-SS | 9 | | | | PID 9.0 | |
| 3 | 756.5 | 2-SS | | 3 | | | | |
| 4 | 755.5 | Light brown SAND with gravel, damp (FILL) | | | | | | |
| 5 | 754.5 | 3-SS | 17 | 4.5 | 4.12 | 20 | PID 64.4 | |
| 6 | 753.5 | Reddish brown CLAY with silt, moist | | | | | | |
| 7 | 752.5 | 4-SS | 16 | 4.5+ | 5.56 | 22 | PID 3.0 | |
| 8 | 751.5 | Reddish brown CLAY with silt, trace gravel, moist | | | | | | |
| 9 | 750.5 | 5-SS | 16 | 4.5+ | 4.95 | 23 | PID 15.9 | |
| 10 | 749.5 | Reddish brown CLAY with silt, trace gravel, moist | | | | | | |
| 11 | 748.5 | Reddish brown CLAY with silt, trace gravel, moist | | | | | | |
| 12 | 747.5 | Reddish brown CLAY with silt, trace gravel, moist | | | | | | |
| 13 | 746.5 | Reddish brown CLAY with silt, trace gravel, moist | | | | | | |
| 14 | 745.5 | 6-SS | 12 | 4.5+ | 4.33 | 25 | PID 2.0 | |
| 15 | 744.5 | Reddish brown CLAY with silt, trace gravel, moist | | | | | | |
| 16 | 743.5 | Reddish brown CLAY with silt, trace gravel, moist | | | | | | |
| 17 | 742.5 | Reddish brown CLAY with silt, trace gravel, moist | | | | | | |
| 18 | 741.5 | Reddish brown CLAY with silt, trace gravel, moist | | | | | | |
| 19 | 740.5 | 7-SS | 11 | 3.5 | 3.54 | 23 | PID ND | |
| 20 | 739.5 | Reddish brown CLAY with silt, trace gravel, moist | | | | | | |
| 21 | 738.5 | Reddish brown CLAY with silt, trace gravel, moist | | | | | | |
| 22 | 737.5 | Reddish brown CLAY with silt, trace gravel, moist | | | | | | |
| 23 | 736.5 | Reddish brown CLAY with silt, trace gravel, moist | | | | | | |
| 24 | 735.5 | 8-SS | 13 | 3.5 | 3.63 | 23 | PID ND | |
| 25 | 734.5 | Reddish brown CLAY with silt, trace gravel, moist | | | | | | |
| 26 | 733.5 | Reddish brown CLAY with silt, trace gravel, moist | | | | | | |
| 27 | 732.5 | Reddish brown CLAY with silt, trace gravel, moist | | | | | | |
| 28 | 731.5 | Reddish brown CLAY with silt, trace gravel, moist | | | | | | |
| 29 | 730.5 | Reddish brown CLAY with silt, trace gravel, moist | | | | | | |
| 30 | 729.5 | 8-SS | 11 | 2.0 | 3.54 | 23 | PID ND | |
| END OF BORING @ 30 FEET | | | | | | | | |

FIELD OBSERVATIONS:

Water Level during drilling: None encountered
 Water Level upon completion: None encountered
 Caved at upon completion: 4 ± feet below ground surface (EL. 755.5±)
 Delay Time: N/A
 Water Level delayed: N/A
 Caved at delayed: N/A

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ADDITIONAL COMMENTS:

ND=No Detect
 Moved 20 feet northwest per client request

Note: Lines of stratification represent an approximate boundary between soil types. Variations may occur between sampling intervals and/or boring locations.
 Transitions may also be gradual.