



**E n v i r o n m e n t a l   C o n s u l t i n g   G r o u p ,   I n c .**

**REPORT**

**Phase II Environmental Site Assessment  
Vacant Commercial Property  
801-809 Main Street  
Evanston, Illinois 60202**

**Prepared for:**

City of Evanston  
909 Davis Street  
Evanston, Illinois 60201

**Prepared by:**

Environmental Consulting Group, Inc.  
105 S. York Street, Suite 250  
Elmhurst, Illinois 60126  
(630) 607-0060  
[www.ecgmidwest.com](http://www.ecgmidwest.com)

ECG Project Number: EE251696-732  
Date: August 7, 2025



**E n v i r o n m e n t a l C o n s u l t i n g G r o u p , I n c .**

August 7, 2025

Mr. Paul Zalmezak  
City of Evanston  
909 Davis Street  
Evanston, Illinois 60201

**Re: Phase II Environmental Site Assessment**  
Vacant Commercial Property  
801-809 Main Street  
Evanston, Illinois

Dear Mr. Zalmezak:

Environmental Consulting Group, Inc. (ECG) has completed a Phase II Environmental Site Assessment (ESA) at the vacant commercial property located at 801-809 Main Street (subject property), in Evanston, Illinois. The purpose of the Phase II ESA was to investigate the soil and groundwater conditions beneath the subject property. This report provides a summary of the fieldwork and the analytical results, as well as a discussion of the findings of our investigation.

If you have any questions or need additional information, please contact our office.

Sincerely,

**ENVIRONMENTAL CONSULTING GROUP, INC.**

Thomas D. Culig  
Project Manager

Robert Johnson, PG, CHMM  
Senior Project Manager

## **EXECUTIVE SUMMARY**

Environmental Consulting Group, Inc. (ECG) has completed a Phase II Environmental Site Assessment (ESA) for the vacant commercial property located at 801-809 Main Street (subject property), in Evanston, Illinois. The purpose of the Phase II ESA was to investigate the subsurface soil and groundwater conditions associated with the historical use of a dry-cleaning facility at the subject property. According to historical information a dry cleaners occupied one of the commercial suites since at least the late 1950s.

### **Field Activities**

On July 28, 2025, ECG oversaw the advancement of six environmental soil borings (B1 through B6) at the subject property. The soil borings were advanced to a maximum depth of 16 feet below grade level (bgl). Additionally, ECG installed one temporary monitoring well (TMW1).

### **Field Observations**

During ECG's subsurface investigation, none of the six soil borings exhibited obvious signs (i.e. staining, odors, or elevated photoionization detector (PID) readings) of solvent impact. Groundwater was observed at approximately 7 to 8 feet bgl during the advancement of all six soil borings.

### **Analytical Testing**

Four soil samples and one groundwater sample were submitted to an independent laboratory to be analyzed for volatile organic compounds (VOCs). These are the indicator contaminants for solvent products.

### **Comparison of Sample Concentrations to Tier 1 Remediation Objectives**

ECG compared the soil samples' contaminant concentrations to "Soil Remediation Objectives" (SROs). SROs, which are established by the Illinois EPA, are considered protective of human health and the environment. ECG compared the concentrations to the following Illinois EPA regulations:

- Illinois EPA's Tier 1 Soil Remediation Objectives (SROs) for Residential Properties; 35 IAC 742, Appendix B, Table A
- Illinois EPA's Tier 1 SROs for Residential Properties; Non-TACO Chemicals

- Illinois EPA’s Tier 1 SROs for Construction Workers; 35 IAC 742, Appendix B, Table B

The above-referenced comparisons showed that all four soil samples had contaminant concentrations below the Illinois EPA’s most stringent Tier 1 SROs.

ECG compared the groundwater samples’ contaminant concentrations to “Groundwater Remediation Objectives” (GROs). Specifically, ECG compared the contaminant concentrations to the following Illinois EPA regulations:

- Illinois EPA’s Tier 1 GROs; 35 IAC 742, Appendix B, Table E
- Illinois EPA’s Tier 1 GROs for the Indoor Inhalation Exposure Route - Diffusion and Advection, Appendix B, Table H

The above-referenced comparisons showed that the one groundwater sample had contaminant concentrations below the Illinois EPA’s Tier 1 GROs.

Additionally, the groundwater analytical results indicated that the VOC concentrations in the one groundwater samples were detected below the Tier 1 GROs for the Indoor Inhalation Exposure Route.

## **Conclusions**

The Phase II ESA was performed to investigate the subsurface soil conditions associated with the historical use of a dry cleaning facility at the subject property. ECG’s subsurface investigation included the advancement of six soil borings, the installation of one temporary groundwater monitoring well, and laboratory analysis of four soil samples and one groundwater sample.

The soil laboratory results showed that all four soil samples had contaminant concentrations below the Illinois EPA’s most stringent Tier 1 SROs. The groundwater laboratory results showed that the one groundwater sample had contaminant concentrations below the Illinois EPA’s Tier 1 GROs. Additionally, the groundwater analytical results indicated that the VOC concentrations in the one groundwater samples were detected below the Tier 1 GROs for the Indoor Inhalation Exposure Route.

In ECG’s opinion, no further investigation is warranted.

**TABLE OF CONTENTS**

**1.0 BACKGROUND ..... 1**

**2.0 FIELD ACTIVITIES ..... 3**

2.1 SOIL PROBE ADVANCEMENT ..... 3

    2.1.1 Site and Regional Geology ..... 3

2.2 TEMPORARY MONITORING WELL ADVANCEMENT ..... 4

    2.2.1 Site and Regional Hydrogeology ..... 4

2.3 FIELD SCREENING ..... 4

2.4 SAMPLE COLLECTION AND LABORATORY ANALYSIS ..... 5

    2.4.1 Soil Sample Collection ..... 6

    2.4.2 Groundwater Sample Collection ..... 6

**3.0 ANALYTICAL TESTING – SOIL ..... 6**

**4.0 ANALYTICAL TESTING – GROUNDWATER ..... 7**

**5.0 COMPARISON OF SOIL SAMPLE CONCENTRATIONS TO TIER 1 SROS ..... 7**

**6.0 COMPARISON OF GROUNDWATER CONCENTRATIONS TO TIER 1 GROS ..... 7**

**7.0 COMPARISON OF GROUNDWATER CONCENTRATIONS TO TIER 1 GROS (INDOOR  
INHALATION) ..... 8**

**8.0 CONCLUSIONS ..... 9**

**9.0 QUALIFICATIONS ..... 9**

**Appendices**

Appendix A – Figures

Appendix B – Photographs

Appendix C – Boring Logs

Appendix D – Analytical Tables

Appendix E – Laboratory Analytical Data Sheets

Appendix F – Qualifications

## **1.0 BACKGROUND**

Environmental Consulting Group, Inc. (ECG) has completed a Phase II Environmental Site Assessment (ESA) for the vacant commercial property located at 801-809 Main Street (subject property), in Evanston, Illinois. The rectangular-shaped property is approximately 0.2 acres (8,715 ft<sup>2</sup>) in land area and is developed with a one-story commercial building. The building occupies approximately 90% of the subject property, with the remaining acreage consisting of an asphalt parking lot/alley.

Based on ECG's research, the subject property was first developed by at least 1899 with a residential structure. From at least 1899, through 1920, the subject property was utilized for residential purposes. In 1920, the residential structure was removed and from 1920 until 1928, the subject property was vacant land. In 1928, the subject property was developed with the current one-story building.

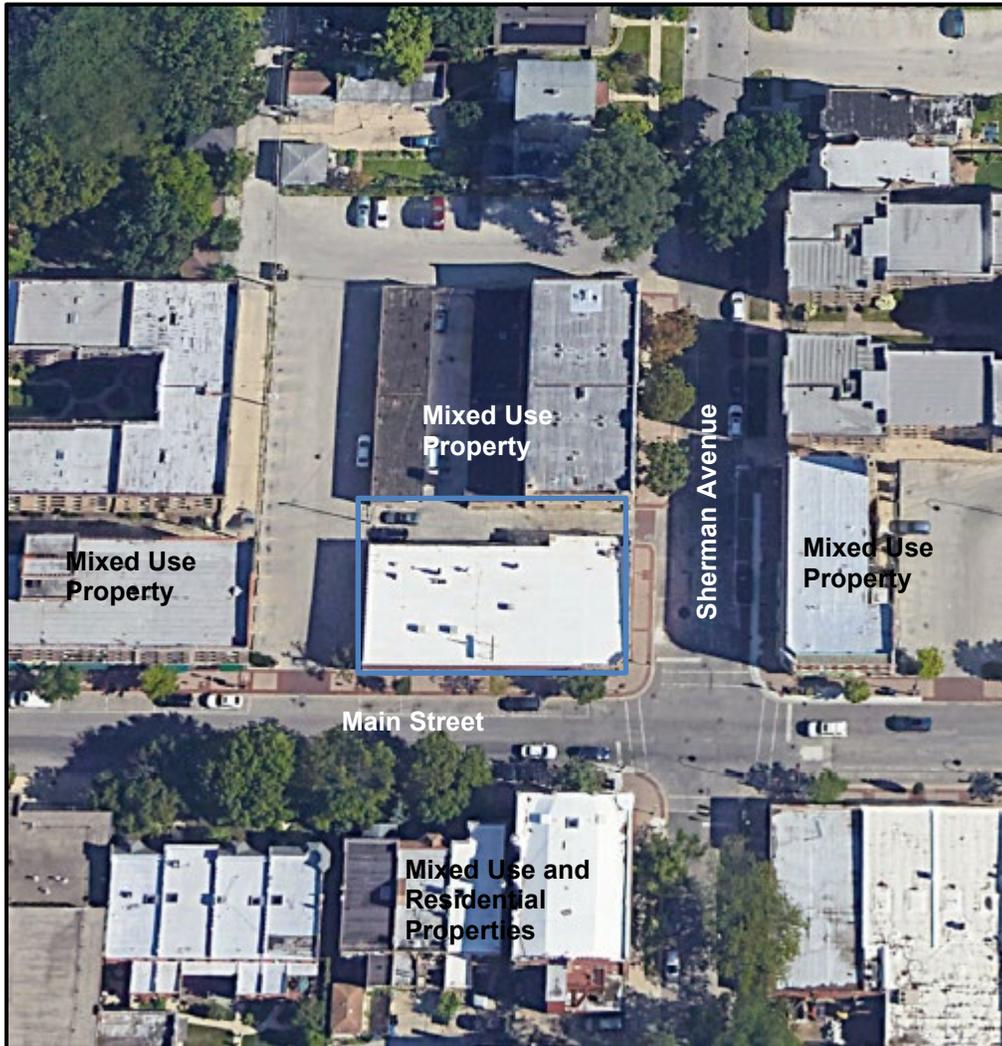
From 1928 through 2024, the subject property was utilized for commercial purposes. Commercial entities that have historically occupied the subject property were restaurants, dry cleaners, a tailor/furrier shop, a bakery, a ceramic shop, a shoe store, a cigar shop, a television repair shop, a carpet store, a hair salon, a supermarket, and an antique store. Since 2024, the subject property has been vacant.

The following is a list of entities that occupied the subject property, prior to becoming vacant in 2024:

- 801 and 803 Main Street – a beauty salon
- 803 ½ Main Street – a dry cleaner
- 805 and 809 Main Street – a laundromat
- 809 ½ Main Street – a nail salon

The following image shows the current layout of the subject property.

**Vacant Commercial Property – 801-809 Main Street, Evanston, Illinois**



— Approximate Site Boundary

Figures 1 and 2, located in Appendix A, illustrate the site location and site layout.

In June 2025, ECG completed a Phase I ESA. The Phase I ESA noted the following:

- The potential subsurface contamination associated with the historical use of the subject property as a dry cleaner facility. According to historical information a dry cleaners occupied one of the commercial suites since at least the late 1950s. Typically, these types of facility's utilize solvents in their daily operations.

## **2.0 FIELD ACTIVITIES**

The purpose of the Phase II ESA was to investigate the subsurface soil and groundwater conditions associated with the with the historical use of a dry cleaning facility at the subject property.

### **2.1 Soil Probe Advancement**

On July 28, 2025, ECG oversaw the advancement of six environmental soil borings (B1 through B6) at the subject property. The soil borings were advanced to a maximum depth of 16 feet below grade level (bgl).

Figure 3, located in Appendix A, shows the soil boring locations. Photographs documenting the Phase II ESA activities are provided in Appendix B.

Geoserve, Inc. (Geoserve) of Woodstock, Illinois, conducted the soil boring activities. Geoserve utilized a direct-push sampler system to collect soil samples. The direct push sampler system utilized during this investigation was a track-mounted drill rig and a portable handcart rig. Soil was collected by pushing a barrel sampler to the desired sampling depth with the sampler unit. This method generally recovers a four foot to a five foot section of undisturbed soil within an acetate liner. The samples were collected continuously and logged at 2-foot intervals from grade level to a maximum depth of 16 feet bgl. The soil boring logs are contained in Appendix C.

#### 2.1.1 Site and Regional Geology

Based on ECG's observations, the site appears to be relatively flat and is approximately 605 feet above mean sea level.

The property was identified on Illinois Geological Survey (ISGS) map titled *Potential For Contamination Of Shallow Aquifers From Surface and Near Surface Waste Disposal* (ISGS Circular 532) that rates the underlying geology as “D2.” The “D2” rating indicates that the geology consists of “*Uniform, relatively impermeable sandy till at least 20 ft thick; no evidence of interbedded sand and gravel.*”

ECG’s soil borings were advanced through a surface layer of wood, concrete, asphalt followed by a layer of gravel from 1-foot bgl. The fill layer was followed by coarse brown sand to approximately 10 feet bgl. The sand layer was followed by a gray clayey silt or gray silty clay layer to approximately 16 feet bgl (the maximum depth explored). Soil boring logs are contained in Appendix C.

## **2.2 Temporary Monitoring Well Advancement**

On July 28, 2025, ECG installed one temporary groundwater monitoring well (TMW1) at the subject property. TMW1 was installed in soil boring B5. The monitoring wells were constructed with 1-inch diameter polyvinyl chloride (PVC) piping with a 10-foot #10 slot screen. The well was screened in order to intercept the anticipated water level (approximately 7 to 8 feet bgl). The PVC was installed at the desired depth through the center of the dual-tube spoon. Figure 3, located in Appendix A, shows the temporary monitoring well location.

### 2.2.1 Site and Regional Hydrogeology

Groundwater was observed at approximately 7 to 8 feet bgl during the advancement of the soil borings. Surface water runoff from the site is largely controlled by sewer mains beneath Main Street. The nearest major surface body of water is Lake Michigan, which is located approximately  $\frac{3}{4}$  of a mile east of the subject property.

## **2.3 Field Screening**

Field screening consisted of measuring each sample with a MiniRae 3000 Micro Tip<sup>®</sup> photo ionization detector (PID) with a 10.6 eV lamp. The PID quantifies soil-gas hydrocarbon concentrations, which can indicate the presence of volatile organic compounds (VOCs). Upon opening the soil-sampling sleeve, the soil core was slit open, and PID readings measured the concentration of airborne gases present in the headspace of the sleeve. PID readings ranged from 0.0 to 0.1 parts per million (ppm).

During ECG's subsurface investigation, none of the six soil borings exhibited obvious signs (i.e. staining, odors, or elevated photoionization detector (PID) readings) of solvent impact.

## **2.4 Sample Collection and Laboratory Analysis**

In order to ensure that no cross-contamination between samples occurred, all non-dedicated sampling equipment was decontaminated after collection of each sample. The sample equipment was scrubbed with a brush to remove loose material and then washed thoroughly with a laboratory-grade detergent and distilled water to remove all particulate matter and surface film. After washing, each piece and brush was rinsed with distilled water. Dedicated sampling equipment, such as plastic sampling syringes and latex gloves, was properly disposed of after the handling of each sample was completed.

The samples were placed into an ice-filled cooler, maintained at a temperature near 4° Centigrade, and sent to First Environmental Laboratories (First) located in Naperville, Illinois. ECG and First maintain a strict chain of custody (COC) program. The COC program tracks the possession and handling of each sample from the time of collection to analysis by the laboratory. The COC consists of sample identification, analysis, recording format, and signatures.

According to the Illinois Administrative Code (IAC), Title 35, Subtitle A, Chapter II, Part 186, Accreditation of Environmental Laboratories, the State of Illinois formally recognizes that First is technically competent to perform the environmental analyses. First's IL ELAP/NELAC accreditation number is 100292.

Four soil samples and one groundwater sample were submitted to an independent laboratory to be analyzed for volatile organic compounds (VOCs). The analyses were conducted in full accordance with "*Test Methods for Evaluating Solid Waste, Physical/Chemical Methods*" (SW-846) and "*Analytical Quality Assurance Plan for the Illinois Environmental Protection Agency Bureau of Land Site Remediation Program, Revision 2, April 1, 1996.*"

#### 2.4.1 Soil Sample Collection

The soil samples were handled in a manner that minimized potential loss of sample due to volatilization. Soil samples collected for VOC analysis were immediately sampled by USEPA SW846-Method 5035 methodology. Specifically, three 5-gram soil samples designated for laboratory analysis were measured with a laboratory-supplied syringe inserted into three 40-milligram glass vials, one preserved with 10 milliliters of methanol and two preserved with 10-milliliters of sodium bisulfate, and then sealed with a Teflon-lined laboratory lid. A 4-ounce glass jar was also filled with soil for the remaining analyses.

#### 2.4.2 Groundwater Sample Collection

The groundwater sample was handled in a manner that minimizes agitation and aeration. The samples were collected using a low-flow peristaltic pump and new, disposable tubing. The groundwater sample was carefully poured from the disposable tubing into the laboratory-supplied containers. The water sample analyzed was distributed among different containers, each specific to a type of analysis (40-ml vials preserved with Hydrochloric Acid [HCL], one 250-ml sterile amber jar, one 500-ml plastic jar preserved with nitric acid and sealed with Teflon-lined lids).

### **3.0 ANALYTICAL TESTING – SOIL**

ECG selected a total of four soil samples for laboratory analysis. The soil samples selected for laboratory analysis were based on either: obvious visual/olfactory signs of contamination, PID readings, percent recovered, and/or sample depth. The samples were analyzed for:

- VOCs – (*EPA Method 5035A/8260B*)

The analytical results showed that none of the four soil samples contained detectable concentrations of VOCs. Section 5.0 of this report provides more information including a comparison of the analytical results to the Tier 1 SROs.

#### **4.0 ANALYTICAL TESTING – GROUNDWATER**

ECG selected one groundwater sample for laboratory analysis. The samples were analyzed for:

- VOCs – (*EPA Method 5035B/8260B*)

The analytical results showed that groundwater sample TMW1 did not contain detectable concentrations of VOCs. Sections 6.0 and 7.0 of this report provide more information, including a comparison of the groundwater analytical results to the Tier 1 Groundwater Remediation Objectives (GROs).

#### **5.0 COMPARISON OF SOIL SAMPLE CONCENTRATIONS TO TIER 1 SROs**

ECG compared the soil samples contaminant concentrations to the SROs established by the Illinois EPA. The criteria used by the Illinois EPA are found in the TACO Document dated July 2013. ECG compared the concentrations to the following Illinois EPA regulations:

- Illinois EPA’s Tier 1 Soil Remediation Objectives (SROs) for Residential Properties; 35 IAC 742, Appendix B, Table A
- Illinois EPA’s Tier 1 SROs for Residential Properties; Non-TACO Chemicals
- Illinois EPA’s Tier 1 SROs for Construction Workers; 35 IAC 742, Appendix B, Table B

The above-referenced comparisons showed that all four of the soil samples had contaminant concentrations below the Illinois EPA’s most stringent Tier 1 SROs.

Tables summarizing the comparison are contained in Appendix D. The analytical data sheets are provided in Appendix E.

#### **6.0 COMPARISON OF GROUNDWATER CONCENTRATIONS TO TIER 1 GROs**

ECG compared the groundwater sample contaminant concentrations to “Groundwater Remediation Objectives” (GROs). Specifically, ECG compared the contaminant concentrations to the following Illinois EPA regulation:

- Illinois EPA's Tier 1 GROs; 35 IAC 742, Appendix B, Table E; Tier 1 Groundwater Remediation Objectives for the Groundwater Component of the Groundwater Ingestion Exposure Route Value – Class I and II Groundwater.

The above-referenced comparisons showed that the one groundwater sample had contaminant concentrations below the Tier 1 GROs for Class I groundwater.

Tables summarizing the comparison are contained in Appendix D. The analytical data sheets are provided in Appendix E.

## **7.0 COMPARISON OF GROUNDWATER CONCENTRATIONS TO TIER 1 GROs (INDOOR INHALATION)**

ECG compared the samples' contaminant concentrations to the GROs established by the Illinois EPA. The criteria used by the Illinois EPA are found in the TACO Document dated July 2013. Therefore, ECG compared the concentrations to the following Illinois EPA regulations:

- 35 IAC 742, Appendix B, Table H; Tier 1 GROs for the Indoor Inhalation Exposure Route - Diffusion and Advection.

The results of ECGs groundwater investigation indicated that the VOC concentrations were detected below the Tier 1 GROs for the Indoor Inhalation Exposure Route.

Tables summarizing the comparison are contained in Appendix D. The analytical data sheets are provided in Appendix E.

## **8.0 CONCLUSIONS**

The Phase II ESA was performed to investigate the subsurface soil conditions associated with the historical use of a dry cleaning facility at the subject property. ECG's subsurface investigation included the advancement of six soil borings, the installation of one temporary groundwater monitoring well, and laboratory analysis of four soil samples and one groundwater sample.

The soil laboratory results showed that all four soil samples had contaminant concentrations below the Illinois EPA's most stringent Tier 1 SROs. The groundwater laboratory results showed that the one groundwater sample had contaminant concentrations below the Illinois EPA's Tier 1 GROs. Additionally, the groundwater analytical results indicated that the VOC concentrations in the one groundwater samples were detected below the Tier 1 GROs for the Indoor Inhalation Exposure Route.

In ECG's opinion, no further investigation is warranted.

## **9.0 QUALIFICATIONS**

ECG believes this study was developed in general accordance with the technical standards of practice for environmental assessments at the time the study was conducted. It should be noted, however, that no investigation could eliminate the possibility of hazardous waste and/or environmental contamination at a particular site. However, the standard of care exercised for this

**Phase II Environmental Site Assessment  
Vacant Commercial Property – 801-809 Main Street, Evanston, Illinois**

*Environmental Consulting Group, Inc.*

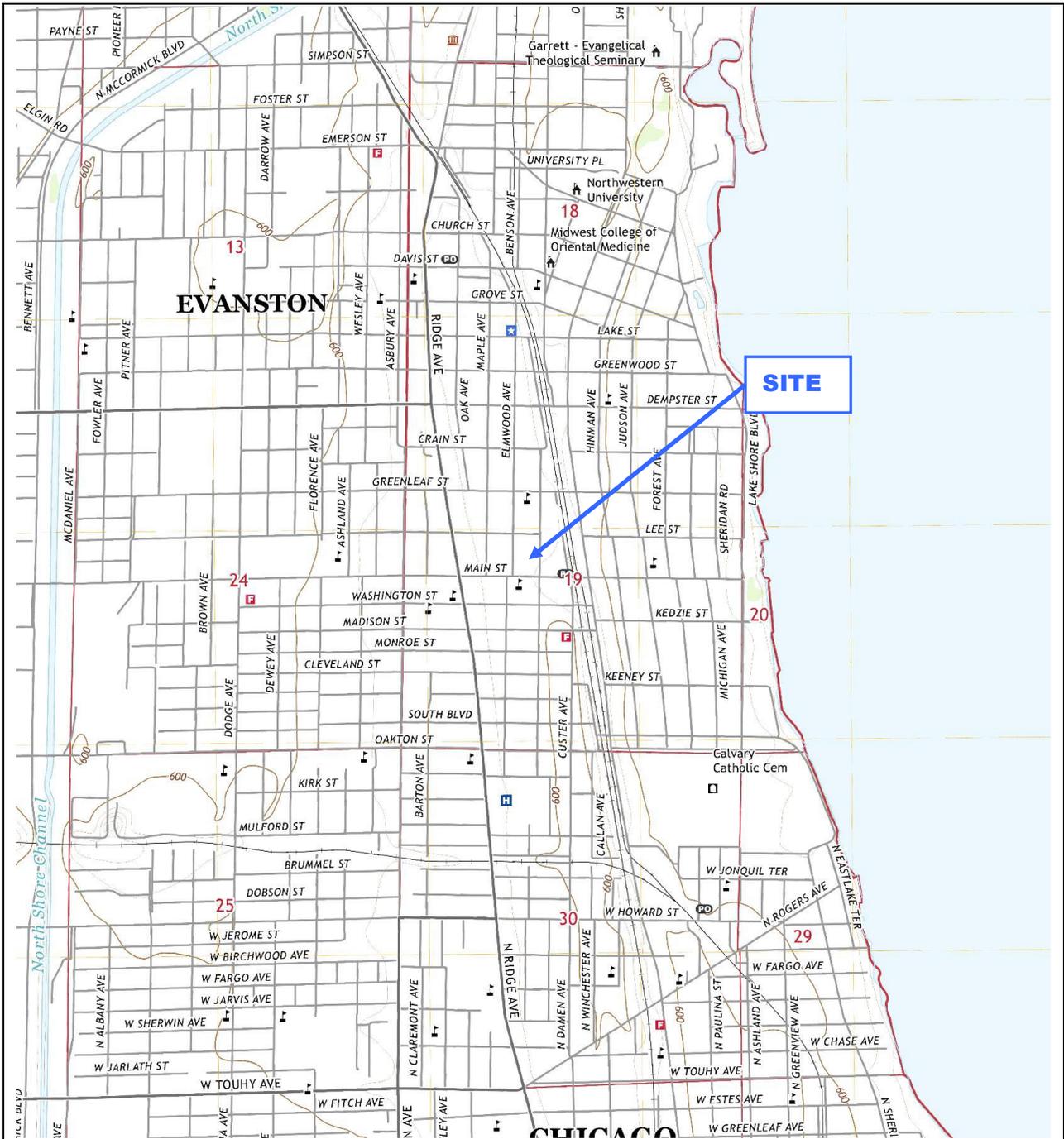
*(630) 607-0060*

study was in accordance with generally accepted practices, and a reasonable effort was made to ensure that the information presented in this report is materially complete and accurate.

The conclusions presented in this report are professional opinions based solely upon visual observations of the site, analytical data, and other research as described in this report. They are intended for the sole use of our client. The scope of services performed in execution of this investigation may not be appropriate to satisfy the need of other users, and any use or reuse of this document of the findings, conclusions, or recommendations presented herein is at the sole risk of said user. Therefore, we cannot be responsible for independent conclusions, opinions or recommendations of others based on our study. If additional information from the site is generated, it should be provided to us so that we may evaluate its impact on our conclusions.

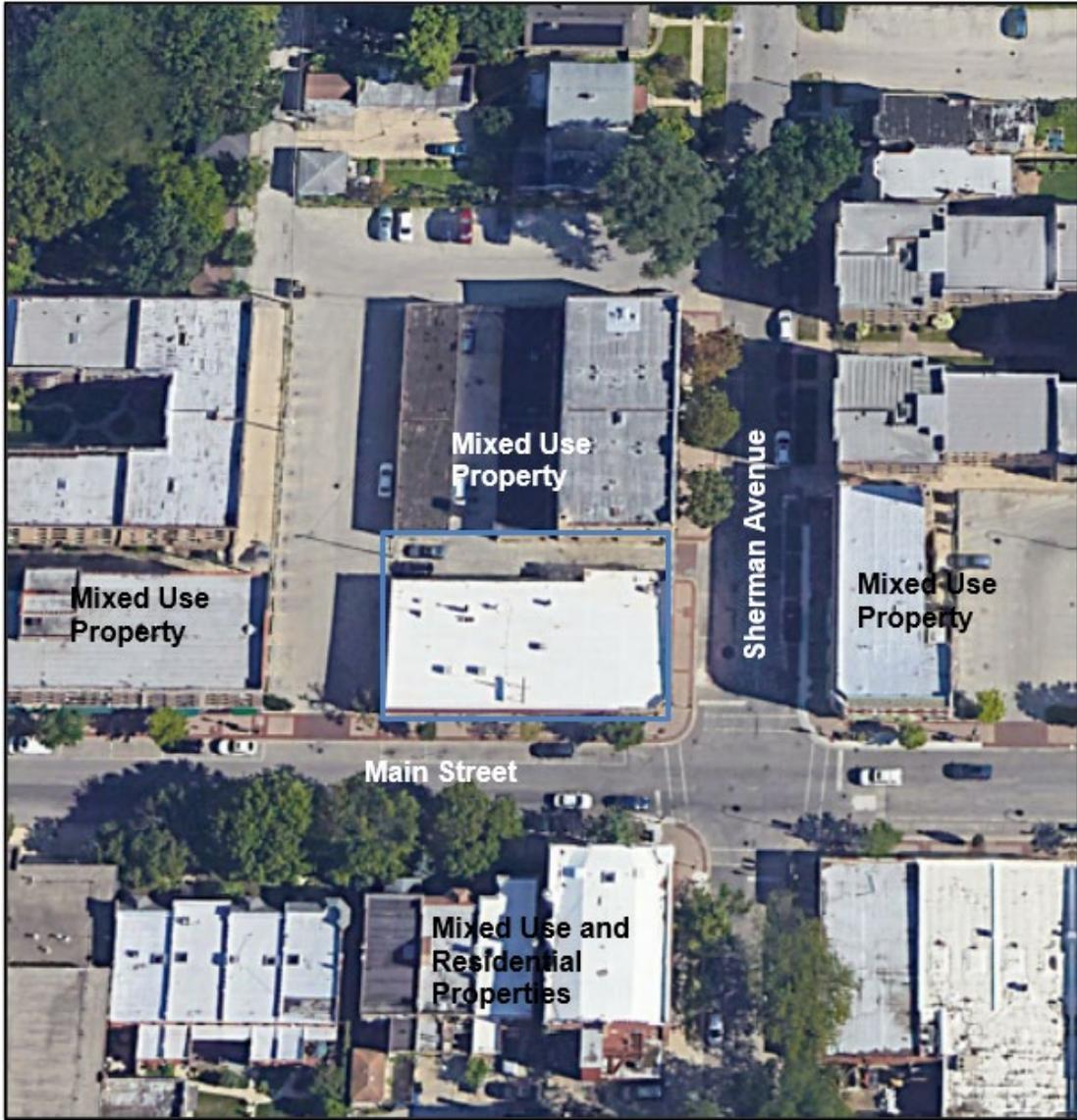
## **Appendix A**

### **Figures**



**FIGURE 1 – SITE LOCATION**

ECG Project No.: EE251696-732  
 Location: 801 – 809 Main Street  
 Evanston, Illinois  
 Source: 2021 Evanston, Illinois Quadrangle

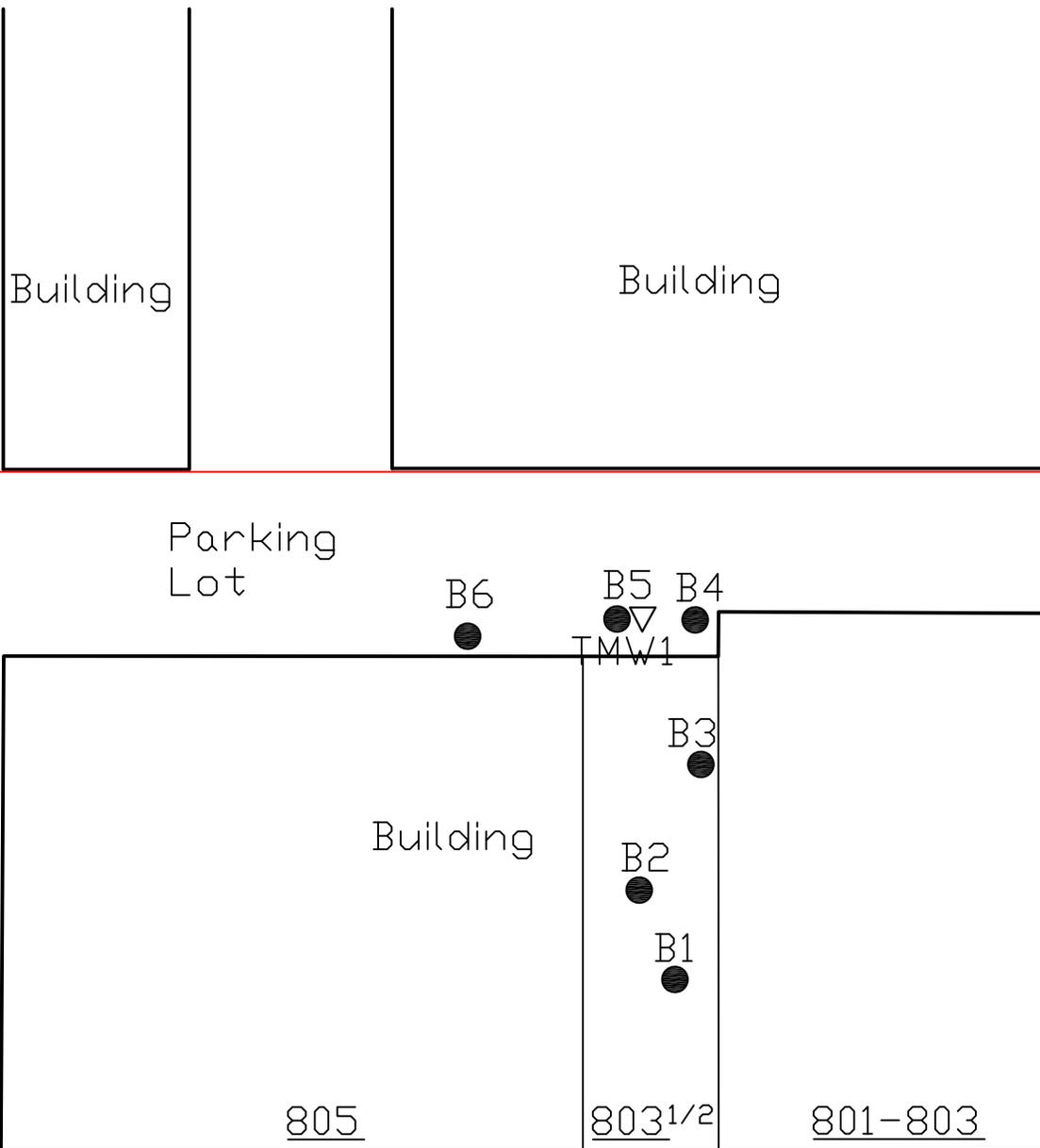


— Approximate Site Boundary

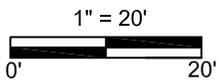


## FIGURE 2 – SITE LAYOUT

ECG Project No.: EE251696-732  
Location: 801 – 809 Main Street  
Evanston, Illinois  
Source: Google



E. 18th Street



— = Site Boundary

● = Soil Boring

▽ = Temporary Groundwater Monitoring Well

Environmental Consulting Group, Inc.  
105 S. York Road, Suite 250  
Evanston, IL 60126  
ecgmidwest.com

### SOIL BORING & TEMPORARY GROUNDWATER MONITORING WELL MAP

Project Location: 801-809 Main Street, Evanston, Illinois  
Project Number: EE251696-732

## Figure 3

Completed on 7/31/25  
Drawn by TDC

## **Appendix B**

### **Photographs**



Photograph 1 – Soil boring location B1.



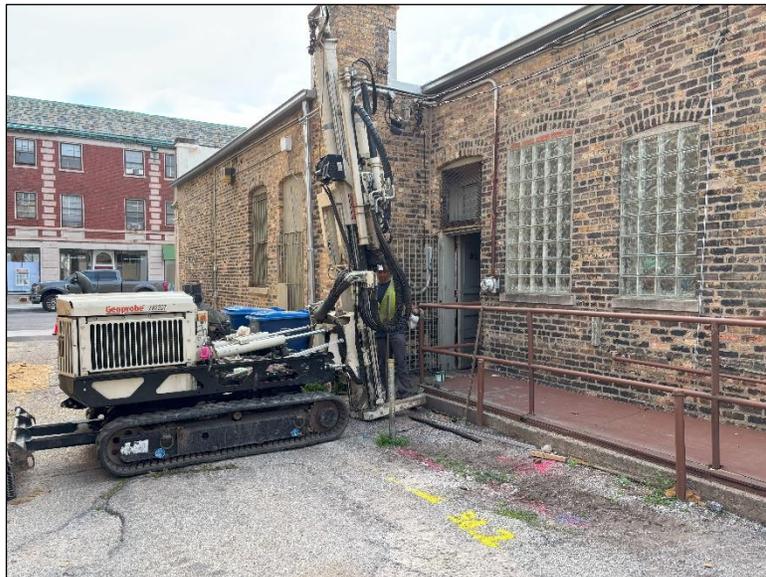
Photograph 2 – Soil boring location B2.



801-809 Main Street  
Evanston, Illinois  
ECG Project No: EE251696-732



Photograph 3 – Soil boring location B3.



Photograph 4 – Soil boring location B4.



801-809 Main Street  
Evanston, Illinois  
ECG Project No: EE251696-732



Photograph 5 – Soil boring location B5.



Photograph 6 – Soil boring location B6.



801-809 Main Street  
Evanston, Illinois  
ECG Project No: EE251696-732



Photograph 7 – Temporary monitoring well.



801-809 Main Street  
Evanston, Illinois  
ECG Project No: EE251696-732

## **Appendix C**

### **Boring Logs**



Environmental Consulting Group, Inc.  
 105 S. York Road, Suite 250  
 Elmhurst, Illinois 60126  
 (630) 607-0060

LOG OF SOIL PROBE NO.

**B1**

FILE: EE251696-732

PAGE 1 OF 6

<u>WATER LEVEL DATA</u>		DATE:	7/28/2025	PROJECT: Phase II ESA 801-809 Main Street Evanston, Illinois
8'	FT. WHILE DRILLING	TIME:	8:40	
N.A.	FT. AT COMPLETION	DRILLER:	Geoserve Environmental	
N.A.	FT. AT 48 HR. A.D.	LOGGED BY:	RAJ	

DEPTH (FT.)	GROUND ELEVATION (EST.) = 605 FT.		SAMPLE DATA						COMMENTS	DEPTH (FT.)	
	STRATA ELEVATION/DEPTH SOIL DESCRIPTION GRAPHIC LOG		LITHOLOGY TYPE	SAMPLE TYPE	SAMPLE DEPTH	RECOVERY (%)	MOISTURE	PENTROMETER (tons/sq. ft.)			PID READING (ppm units)
	Wood and concrete and gravel backfill material, grading into coarse brown sand.			M.C.		60	N		0.0		
2.5	Coarse, brown sand.			M.C.		70	N		0.0		2.5
5.0				M.C.		90	N		0.0		5.0
7.5				M.C.		100	N		0.0		7.5
10.0	Wet, coarse, brown sand. Wet at 8 feet.			M.C.		100	W		0.0		10.0
12.5	Wet, coarse, brown sand, grading into wet, gray clayey silt.			M.C.		100	W		0.0		12.5
15.0	Moist, gray silty clay with shale.			M.C.		100	W		0.0		15.0
17.5	End of boring @ 16 feet.										17.5
20.0											20.0
22.5											22.5

OBSERVATIONS	SAMPLE TYPE	COHESIVE COILS		ESTIMATED PROPORTIONS OF MATERIAL	SAMPLE MOISTURE
W.D. - WHILE DRILLING A.D. - AFTER DRILLING N.O. - NONE OBSERVED N.A. - NOT AVAILABLE	L.B. - 24" LARGE BORE SAMPLER M.C. - 60" MACRO CORE SAMPLER S.T. - SPLIT SPOON SAMPLE D.T. - DUAL TUBE SAMPLER H.A. - HAND AUGER SAMPLER	<u>PEN READ</u> 0.00-0.25 0.26-0.49 0.51-0.99 1.00-1.99 2.0-3.99 4.00+	<u>CONSISTENCY</u> VERY SOFT SOFT MEDIUM STIFF STIFF VERY STIFF HARD	TRACE = 1 TO 10% LITTLE = 10 TO 20% SOME = 20 TO 35% SAND = 35 TO 50%	D = DAMP M = MOIST W = WET S = SLIGHTLY N = NONE

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual



Environmental Consulting Group, Inc.  
 105 S. York Road, Suite 250  
 Elmhurst, Illinois 60126  
 (630) 607-0060

LOG OF SOIL PROBE NO.

**B2**

FILE: EE251696-732

PAGE 2 OF 6

WATER LEVEL DATA

7' FT. WHILE DRILLING  
 N.A. FT. AT COMPLETION  
 N.A. FT. AT 48 HR. A.D.

DATE: 7/28/2025  
 TIME: 8:55  
 DRILLER: Geoserve Environmental  
 LOGGED BY: RAJ

PROJECT: Phase II ESA  
 801-809 Main Street  
 Evanston, Illinois

DEPTH (FT.)	GROUND ELEVATION (EST.) = 605 FT.		SAMPLE DATA						COMMENTS	DEPTH (FT.)	
	STRATA ELEVATION/DEPTH SOIL DESCRIPTION GRAPHIC LOG		LITHOLOGY TYPE	SAMPLE TYPE	SAMPLE DEPTH	RECOVERY (%)	MOISTURE	PENTROMETER (tons/sq. ft.)			PID READING (ppm units)
	Wood and concrete and gravel backfill material, grading into coarse brown sand.			M.C.		60	N		0.0		
2.5	Coarse, brown sand.			M.C.		70	N		0.0		2.5
5.0	Wet, coarse, brown sand. Wet at 7 feet.			M.C.	X (4-6)	90	N		0.1		5.0
7.5				M.C.		100	W		0.0		7.5
10.0	Wet, coarse, brown sand, grading into wet, gray clayey silt.			M.C.		100	W		0.0		10.0
12.5				M.C.		100	W		0.0		12.5
15.0	Moist, gray silty clay with shale.			M.C.		100	W		0.0		15.0
17.5	End of boring @ 16 feet.										17.5
20.0											20.0
22.5											22.5

OBSERVATIONS	SAMPLE TYPE	COHESIVE COILS		ESTIMATED PROPORTIONS OF MATERIAL	SAMPLE MOISTURE
W.D. - WHILE DRILLING A.D. - AFTER DRILLING N.O. - NONE OBSERVED N.A. - NOT AVAILABLE	L.B. - 24" LARGE BORE SAMPLER M.C. - 60" MACRO CORE SAMPLER S.T. - SPLIT SPOON SAMPLE D.T. - DUAL TUBE SAMPLER H.A. - HAND AUGER SAMPLER	<u>PEN READ</u> 0.00-0.25 0.26-0.49 0.51-0.99 1.00-1.99 2.0-3.99 4.00+	<u>CONSISTENCY</u> VERY SOFT SOFT MEDIUM STIFF STIFF VERY STIFF HARD	TRACE = 1 TO 10% LITTLE = 10 TO 20% SOME = 20 TO 35% SAND = 35 TO 50%	D = DAMP M = MOIST W = WET S = SLIGHTLY N = NONE

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual



Environmental Consulting Group, Inc.  
 105 S. York Road, Suite 250  
 Elmhurst, Illinois 60126  
 (630) 607-0060

LOG OF SOIL PROBE NO.

**B3**

FILE: EE251696-732

PAGE 3 OF 6

WATER LEVEL DATA

8' FT. WHILE DRILLING

N.A. FT. AT COMPLETION

N.A. FT. AT 48 HR. A.D.

DATE: 7/28/2025

TIME: 9:15

DRILLER: Geoserve Environmental

LOGGED BY: RAJ

PROJECT: Phase II ESA  
 801-809 Main Street  
 Evanston, Illinois

DEPTH (FT.)	GROUND ELEVATION (EST.) = 605 FT.		SAMPLE DATA						COMMENTS	DEPTH (FT.)	
	STRATA ELEVATION/DEPTH SOIL DESCRIPTION GRAPHIC LOG		LITHOLOGY TYPE	SAMPLE TYPE	SAMPLE DEPTH	RECOVERY (%)	MOISTURE	PENTROMETER (tons/sq. ft.)			PID READING (ppm units)
	Wood and concrete and gravel backfill material, grading into coarse brown sand.			M.C.		60	N		0.0		
2.5	Coarse, brown sand.			M.C.		70	N		0.0		2.5
5.0				M.C.		90	N		0.0		5.0
7.5				M.C.		100	N		0.0		7.5
	Wet, coarse, brown sand. Wet at 8 feet.			M.C.	X (8-10')	100	W		0.1		
10.0	Wet, coarse, brown sand, grading into wet, gray clayey silt.			M.C.		100	W		0.0		10.0
12.5				M.C.		100	W		0.0		12.5
15.0	Moist, gray silty clay with shale.			M.C.		100	W		0.0		15.0
	End of boring @ 16 feet.										
17.5											17.5
20.0											20.0
22.5											22.5

OBSERVATIONS	SAMPLE TYPE	COHESIVE COILS		ESTIMATED PROPORTIONS OF MATERIAL	SAMPLE MOISTURE
W.D. - WHILE DRILLING	L.B. - 24" LARGE BORE SAMPLER	<u>PEN READ</u>	<u>CONSISTENCY</u>	TRACE = 1 TO 10%	D = DAMP
A.D. - AFTER DRILLING	M.C. - 60" MACRO CORE SAMPLER	0.00-0.25	VERY SOFT	LITTLE = 10 TO 20%	M = MOIST
N.O. - NONE OBSERVED	S.T. - SPLIT SPOON SAMPLE	0.26-0.49	SOFT	SOME = 20 TO 35%	W = WET
N.A. - NOT AVAILABLE	D.T. - DUAL TUBE SAMPLER	0.51-0.99	MEDIUM STIFF	SAND = 35 TO 50%	S = SLIGHTLY
	H.A. - HAND AUGER SAMPLER	1.00-1.99	STIFF		N = NONE
		2.0-3.99	VERY STIFF		
		4.00+	HARD		

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual



Environmental Consulting Group, Inc.  
 105 S. York Road, Suite 250  
 Elmhurst, Illinois 60126  
 (630) 607-0060

LOG OF SOIL PROBE NO.

**B4**

FILE: EE251696-732

PAGE 4 OF 6

<u>WATER LEVEL DATA</u>		DATE:	7/28/2025	PROJECT: Phase II ESA 801-809 Main Street Evanston, Illinois
7'	FT. WHILE DRILLING	TIME:	9:45	
N.A.	FT. AT COMPLETION	DRILLER:	Geoserve Environmental	
N.A.	FT. AT 48 HR. A.D.	LOGGED BY:	RAJ	

DEPTH (FT.)	GROUND ELEVATION (EST.) = 605 FT.  STRATA ELEVATION/DEPTH SOIL DESCRIPTION GRAPHIC LOG	LITHOLOGY TYPE	SAMPLE DATA						COMMENTS	DEPTH (FT.)
			SAMPLE TYPE	SAMPLE DEPTH	RECOVERY (%)	MOISTURE	PENTROMETER (tons/sq. ft.)	PID READING (ppm units)		
	Asphalt and concrete and gravel backfill material, grading into coarse brown sand.		M.C.		70	N		0.0		
2.5	Coarse, brown sand.		M.C.	X (2-4)	80	N		0.0		2.5
5.0			M.C.		90	N		0.0		5.0
7.5	Wet, coarse, brown sand. Wet at 7 feet.		M.C.		100	W		0.0		7.5
10.0	Wet, coarse, brown sand, grading into wet, gray clayey silt.		M.C.		100	W		0.0		10.0
12.5	Moist, gray silty clay with shale.		M.C.		100	W		0.0		12.5
15.0			M.C.		100	W		0.0		15.0
17.5	End of boring @ 16 feet.									17.5
20.0										20.0
22.5										22.5

OBSERVATIONS	SAMPLE TYPE	COHESIVE COILS		ESTIMATED PROPORTIONS OF MATERIAL	SAMPLE MOISTURE
W.D. - WHILE DRILLING A.D. - AFTER DRILLING N.O. - NONE OBSERVED N.A. - NOT AVAILABLE	L.B. - 24" LARGE BORE SAMPLER M.C. - 60" MACRO CORE SAMPLER S.T. - SPLIT SPOON SAMPLE D.T. - DUAL TUBE SAMPLER H.A. - HAND AUGER SAMPLER	<u>PEN READ</u> 0.00-0.25 0.26-0.49 0.51-0.99 1.00-1.99 2.0-3.99 4.00+	<u>CONSISTENCY</u> VERY SOFT SOFT MEDIUM STIFF STIFF VERY STIFF HARD	TRACE = 1 TO 10% LITTLE = 10 TO 20% SOME = 20 TO 35% SAND = 35 TO 50%	D = DAMP M = MOIST W = WET S = SLIGHTLY N = NONE

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual



Environmental Consulting Group, Inc.  
 105 S. York Road, Suite 250  
 Elmhurst, Illinois 60126  
 (630) 607-0060

LOG OF SOIL PROBE NO.

**B5**

FILE: EE251696-732

PAGE 5 OF 6

<u>WATER LEVEL DATA</u>		DATE:	7/28/2025	PROJECT: Phase II ESA 801-809 Main Street Evanston, Illinois
8'	FT. WHILE DRILLING	TIME:	10:05	
N.A.	FT. AT COMPLETION	DRILLER:	Geoserve Environmental	
N.A.	FT. AT 48 HR. A.D.	LOGGED BY:	RAJ	

DEPTH (FT.)	GROUND ELEVATION (EST.) = 605 FT.	LITHOLOGY TYPE	SAMPLE DATA						COMMENTS	DEPTH (FT.)
			SAMPLE TYPE	SAMPLE DEPTH	RECOVERY (%)	MOISTURE	PENTROMETER (tons/sq. ft.)	PID READING (ppm units)		
	Asphalt and concrete and gravel backfill material, grading into coarse brown sand.		M.C.		70	N		0.0		
2.5	Coarse, brown sand.		M.C.		80	N		0.0		2.5
5.0			M.C.		90	N		0.0		5.0
7.5			M.C.		100	N		0.0		7.5
10.0	Wet, coarse, brown sand, grading into wet, gray clayey silt. Wet at 8 feet.		M.C.		100	W		0.0		10.0
12.5	Moist, gray silty clay with shale.		M.C.		100	W		0.0		12.5
15.0			M.C.		100	W		0.0		15.0
17.5	End of boring @ 16 feet. Soil boring B5 converted in temporary monitoring well TMW1.									17.5
20.0										20.0
22.5										22.5

OBSERVATIONS	SAMPLE TYPE	COHESIVE COILS		ESTIMATED PROPORTIONS OF MATERIAL	SAMPLE MOISTURE
W.D. - WHILE DRILLING A.D. - AFTER DRILLING N.O. - NONE OBSERVED N.A. - NOT AVAILABLE	L.B. - 24" LARGE BORE SAMPLER M.C. - 60" MACRO CORE SAMPLER S.T. - SPLIT SPOON SAMPLE D.T. - DUAL TUBE SAMPLER H.A. - HAND AUGER SAMPLER	<u>PEN READ</u> 0.00-0.25 0.26-0.49 0.51-0.99 1.00-1.99 2.0-3.99 4.00+	<u>CONSISTENCY</u> VERY SOFT SOFT MEDIUM STIFF STIFF VERY STIFF HARD	TRACE = 1 TO 10% LITTLE = 10 TO 20% SOME = 20 TO 35% SAND = 35 TO 50%	D = DAMP M = MOIST W = WET S = SLIGHTLY N = NONE

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual



Environmental Consulting Group, Inc.  
 105 S. York Road, Suite 250  
 Elmhurst, Illinois 60126  
 (630) 607-0060

LOG OF SOIL PROBE NO.

**B6**

FILE: EE251696-732

PAGE 6 OF 6

<u>WATER LEVEL DATA</u>		DATE:	7/28/2025	PROJECT: Phase II ESA 801-809 Main Street Evanston, Illinois
7'	FT. WHILE DRILLING	TIME:	10:20	
N.A.	FT. AT COMPLETION	DRILLER:	Geoserve Environmental	
N.A.	FT. AT 48 HR. A.D.	LOGGED BY:	RAJ	

DEPTH (FT.)	GROUND ELEVATION (EST.) = 605 FT.  STRATA ELEVATION/DEPTH SOIL DESCRIPTION GRAPHIC LOG	LITHOLOGY TYPE	SAMPLE DATA						COMMENTS	DEPTH (FT.)
			SAMPLE TYPE	SAMPLE DEPTH	RECOVERY (%)	MOISTURE	PENTROMETER (tons/sq. ft.)	PID READING (ppm units)		
	Asphalt and concrete and gravel backfill material, grading into coarse brown sand.		M.C.		70	N		0.0		
2.5	Coarse, brown sand.		M.C.		80	N		0.0		2.5
5.0			M.C.		90	N		0.0		5.0
7.5	Wet, coarse, brown sand. Wet at 7 feet.		M.C.	X (6-8')	100	W		0.1		7.5
10.0	Wet, coarse, brown sand, grading into wet, gray clayey silt.		M.C.		100	W		0.0		10.0
12.5			M.C.		100	W		0.0		12.5
15.0	Moist, gray silty clay with shale.		M.C.		100	W		0.0		15.0
17.5	End of boring @ 16 feet.									17.5
20.0										20.0
22.5										22.5

OBSERVATIONS	SAMPLE TYPE	COHESIVE COILS		ESTIMATED PROPORTIONS OF MATERIAL	SAMPLE MOISTURE
W.D. - WHILE DRILLING A.D. - AFTER DRILLING N.O. - NONE OBSERVED N.A. - NOT AVAILABLE	L.B. - 24" LARGE BORE SAMPLER M.C. - 60" MACRO CORE SAMPLER S.T. - SPLIT SPOON SAMPLE D.T. - DUAL TUBE SAMPLER H.A. - HAND AUGER SAMPLER	<u>PEN READ</u> 0.00-0.25 0.26-0.49 0.51-0.99 1.00-1.99 2.0-3.99 4.00+	<u>CONSISTENCY</u> VERY SOFT SOFT MEDIUM STIFF STIFF VERY STIFF HARD	TRACE = 1 TO 10% LITTLE = 10 TO 20% SOME = 20 TO 35% SAND = 35 TO 50%	D = DAMP M = MOIST W = WET S = SLIGHTLY N = NONE

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual

**Appendix D**  
**Analytical Tables**

Project Location: 801-809 Main Street, Evanston, Illinois  
 Project Number: EE251696-732

**Table 1. Soil Analytical Results - VOCs**

Chemical Name		Exposure Route-Specific SROs*				Soil Component of GW Ingestion Route*		Soil Saturation Limits <sup>^</sup>	Sample ID Numbers			
		Residential		Construction Worker		Class I	Class II		B2 (4-6')	B3 (8-10')	B4 (2-4')	B6 (6-8')
		ingestion	inhalation	ingestion	inhalation							
Date Sampled									7/28/25	7/28/25	7/28/25	7/28/25
<b>VOCs</b>												
Acetone	b	7,800	100,000	200,000	100,000	25	25	20,000	<0.2	<0.2	<0.2	<0.2
Benzene	a	12	0.8	2,300	2.2	0.03	0.17	580	<0.005	<0.005	<0.005	<0.005
Bromodichloromethane		10	3,000	2,000	3,000	0.6	0.6	2,000	<0.005	<0.005	<0.005	<0.005
Bromoform	a	81	53	16,000	140	0.8	0.8	1,200	<0.005	<0.005	<0.005	<0.005
Bromomethane	b	110	10	1,000	3.9	NRO	NRO	3,600	<0.01	<0.01	<0.01	<0.01
2-Butanone (MEK)		47,000	25,000	120,000	710	17	17	NSSL	<0.1	<0.1	<0.1	<0.1
Carbon disulfide	b	7,800	720	20,000	9.0	32	160	520	<0.005	<0.005	<0.005	0.0095
Carbon Tetrachloride	a	5	0.3	410	0.90	0.07	0.33	560	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	b	1,600	130	4,100	1.3	1	6.5	290	<0.005	<0.005	<0.005	<0.005
Chlorodibromomethane		1,600	1,300	41,000	1,300	0.4	0.4	890	<0.005	<0.005	<0.005	<0.005
Chloroethane		NRO	1,500	NRO	NRO	NRO	NRO	NSSL	<0.01	<0.01	<0.01	<0.01
Chloroform	a	100	0.3	2,000	0.76	0.6	2.9	2,500	<0.005	<0.005	<0.005	<0.005
Chloromethane		310	110	NRO	NRO	0.14	0.68	NSSL	<0.01	<0.01	<0.01	<0.01
1,1-Dichloroethane	b	7,800	1,300	200,000	130	23	110	1,400	<0.005	<0.005	<0.005	<0.005
1,2-Dichloroethane	a	7.0	0.4	1,400	0.99	0.02	0.1	2,100	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethene	b	3900	290	1,800	300	0.06	0.3	910	<0.005	<0.005	<0.005	<0.005
cis-1,2-Dichloroethene	b	780	1,200	20,000	1,200	0.4	1.1	1,000	<0.005	<0.005	<0.005	<0.005
trans-1,2-Dichloroethene	b	1,600	3,100	41,000	3,100	0.7	3.4	2,100	<0.005	<0.005	<0.005	<0.005
1,2-Dichloropropane		9	15	1,800	0.50	0.03	0.15	870	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene		6.4	1.1	1,200	0.39	0.004	0.02	850	<0.004	<0.004	<0.004	<0.004
trans-1,3-Dichloropropene		6.4	1.1	1,200	0.39	0.004	0.02	850	<0.004	<0.004	<0.004	<0.004
Ethylbenzene	b	7,800	400	20,000	58	13	19	150	<0.005	<0.005	<0.005	<0.005
2-Hexanone		3,100	70	NRO	NRO	1.3	1.3	NSSL	<0.01	<0.01	<0.01	<0.01
MTBE		780	8,800	2,000	140	0.32	0.32	1,100	<0.005	<0.005	<0.005	<0.005
4-Methyl-2-Pentanone (MIBK)		NRO	3,100	NRO	340	NRO	NRO	NSSL	<0.01	<0.01	<0.01	<0.01
Methylene Chloride		85	13	12,000	34	0.002	0.2	3,000	<0.02	<0.02	<0.02	<0.02
Styrene	b	16,000	1,500	41,000	430	4	18	260	<0.005	<0.005	<0.005	<0.005
1,1,1,2-Tetrachloroethane		4,700	2,000	6,100	2,100	3.3	3.3	NSSL	<0.005	<0.005	<0.005	<0.005
Tetrachloroethene	a	12	11	2,400	28	0.06	0.3	310	<0.005	<0.005	<0.005	<0.005
Toluene		16,000	650	410,000	42	12	29	290	<0.005	<0.005	<0.005	<0.005
1,1,1-Trichloroethane		NRO	1,200	NRO	1,200	2	9.6	670	<0.005	<0.005	<0.005	<0.005
1,1,2-Trichloroethane		310	1,800	8,200	1,800	0.02	0.3	1,300	<0.005	<0.005	<0.005	<0.005
Trichloroethene		58	5	1,200	12	0.06	0.3	650	<0.005	<0.005	<0.005	<0.005
Vinyl Acetate		78,000	1,000	200,000	10	170	170	170	<0.01	<0.01	<0.01	<0.01
Vinyl Chloride		0.46	0.28	170	1.1	0.01	0.07	290	<0.01	<0.01	<0.01	<0.01
Xylene		160,000	320	41,000	5.6	150	150	320	<0.005	<0.005	<0.005	<0.005

\* Illinois EPA Tier SROs for residential properties; 35 IAC 742, Appendix B, Table A

<sup>^</sup> Illinois EPA Soil Saturation Limits (Csat) for the Soil Component of the Groundwater Ingestion Exposure Route; 35 IAC 742, Appendix A, Table A

All results in parts per million (mg/Kg) unless noted otherwise

NRO = No Remediation Objective

NSSL = No Soil Saturation Limit

a = Carcinogenic b = Noncarcinogenic

Project Location: 801-809 Main Street, Evanston, Illinois

Project Number: EE251696-732

**Table 2. Groundwater Analytical Results - VOCs**

Chemical Name	Groundwater Remediation Objective		Groundwater Sample Numbers
	Class I	Class II	TMW1
Date Sampled			7/28/25
Acetone		6.3	<0.1
Benzene	a	0.005	<0.005
Bromodichloromethane		0.0002	<0.001
Bromoform		0.001	<0.001
Bromomethane		0.0098	<0.005
2-Butanone (MEK)	b	4.2	<0.01
Carbon Disulfide		0.7	<0.005
Carbon Tetrachloride	a	0.005	<0.005
Chlorobenzene		0.1	<0.005
Chlorodibromomethane		0.14	<0.001
Chloroethane		2.8	<0.01
Chloroform		0.0002	<0.001
Chloromethane		0.028	<0.01
1,1-Dichloroethane		0.7	<0.005
1,2-Dichloroethane		0.005	<0.005
1,1-Dichloroethene		0.007	<0.005
cis-1,2-Dichloroethene	a	0.07	<0.005
trans-1,2-Dichloroethene	a	0.1	<0.005
1,2-Dichloropropane		0.005	<0.005
cis-1,3-Dichloropropene		0.001	<0.001
trans-1,3-Dichloropropene		0.001	<0.001
Ethylbenzene	b	0.7	<0.005
2-Hexanone		0.288	<0.01
Methyl-tert-butylether (MTBE)	a	0.07	<0.005
4-Methyl-2-pentanone (MIBK)		NRO	<0.01
Methylene Chloride		0.005	<0.005
Styrene		0.1	<0.005
1,1,2,2-Tetrachloroethane		0.21	<0.005
Tetrachloroethene	a	0.005	<0.005
Toluene	b	1	<0.005
1,1,1-Trichloroethane		0.2	<0.005
1,1,2-Trichloroethane		0.005	<0.005
Trichloroethene	a	0.005	<0.005
Vinyl acetate		7	<0.01
Vinyl chloride	a	0.002	<0.002
Xylene	b	10	<0.005

\* Illinois EPA Tier 1 Groundwater Remediation Objectives (GROs; 35 IAC 742, Appendix B, Table E)

All results in parts per million (mg/L) unless noted otherwise

NRO = No Remediation Objective

a = Carcinogenic b = Noncarcinogenic

Results in **BOLD/SHADED** exceed the Tier 1 GROs

Project Location: 801-809 Main Street, Evanston, Illinois

Project Number: EE251696-732

**Table 3. ECG Groundwater Analytical Results (Indoor Inhalation) - VOCs**

Chemical Name	Groundwater Remediation Objectives for Indoor Inhalation Exposure Route		Groundwater Sample Numbers
		Residential	TMW1
Date Sampled			7/28/25
<b>VOCs</b>			
Acetone		1,000,000	<0.1
Benzene	a	0.11	<0.005
Bromodichloromethane		6,700	<0.001
Bromoform		3.1	<0.001
Bromomethane		NRO	<0.005
2-Butanone (MEK)	b	10,000	<0.01
Carbon Disulfide		67	<0.005
Carbon Tetrachloride	a	0.02	<0.005
Chlorobenzene		26	<0.005
Chlorodibromomethane		2,600	<0.001
Chloroethane		NRO	<0.01
Chloroform		0.07	<0.001
Chloromethane		NRO	<0.01
1,1-Dichloroethane		180	<0.005
1,2-Dichloroethane		0.054	<0.005
1,1-Dichloroethene		24	<0.005
cis-1,2-Dichloroethene	a	3,500	<0.005
trans-1,2-Dichloroethene	a	16	<0.005
1,2-Dichloropropane		0.48	<0.005
cis-1,3-Dichloropropene		0.14	<0.001
trans-1,3-Dichloropropene		0.14	<0.001
Ethylbenzene	b	0.37	<0.005
2-Hexanone		NRO	<0.01
Methyl-tert-butylether (MTBE)	a	1,900	<0.005
4-Methyl-2-pentanone (MIBK)		NRO	<0.01
Methylene Chloride		2.1	<0.005
Styrene		310	<0.005
1,1,2,2-Tetrachloroethane		NRO	<0.005
Tetrachloroethene	a	0.091	<0.005
Toluene	b	530	<0.005
1,1,1-Trichloroethane		1,000	<0.005
1,1,2-Trichloroethane		4,400	<0.005
Trichloroethene	a	0.34	<0.005
Vinyl acetate		160	<0.01
Vinyl chloride	a	0.028	<0.002
Xylene	b	30	<0.005

\* Illinois EPA Tier 1 Groundwater Remediation Objectives For Indoor Inhalation (IIROs; 35 IAC 742, Appendix B.

All results in parts per million (**mg/L**) unless noted otherwise

NRO = No Remediation Objective

a = Carcinogenic b = Noncarcinogenic

## **Appendix E**

### **Laboratory Analytical Data Sheets**



August 06, 2025

Mr. Robert Johnson  
**ENVIRONMENTAL CONSULTING GROUP**  
105 S. York Rd  
Suite 250  
Elmhurst, IL 60126

Project ID: 801-809 Main EE251696-732  
First Environmental File ID: 25-6860  
Date Received: July 30, 2025

Dear Mr. Robert Johnson:

The above referenced project was analyzed as directed on the enclosed chain of custody record.

All Quality Control criteria as outlined in the methods and current IL ELAP/NELAP have been met unless otherwise noted. QA/QC documentation and raw data will remain on file for future reference. Our accreditation number is 100292 and our current certificate is number:

1002922025-14: effective 01/16/25 through 02/28/2026.

I thank you for the opportunity to be of service to you and look forward to working with you again in the future. Should you have any questions regarding any of the enclosed analytical data or need additional information, please contact me at (630) 778-1200.

Sincerely,

Neal Cleghorn  
Project Manager



## Case Narrative

**ENVIRONMENTAL CONSULTING GROUP**

Lab File ID: **25-6860**

Project ID: **801-809 Main EE251696-732**

Date Received: **July 30, 2025**

All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

The results in this report apply to the samples in the following table:

<b>Laboratory Sample ID</b>	<b>Client Sample Identifier</b>	<b>Date/Time Collected</b>
25-6860-001	B2 4-6	07/28/25 8:55
25-6860-002	B3 8-10	07/28/25 9:15
25-6860-003	B4 2-4	07/28/25 9:45
25-6860-004	B6 6-8	07/28/25 10:20

### Sample Batch Comments:

Sample acceptance criteria were met.

---



## Case Narrative

**ENVIRONMENTAL CONSULTING GROUP**

Lab File ID: **25-6860**

Project ID: **801-809 Main EE251696-732**

Date Received: **July 30, 2025**

All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

The following is a definition of flags that may be used in this report:

Flag	Description	Flag	Description
A	Method holding time is 15 minutes from collection. Lab analysis was performed as soon as possible.		
B	Analyte was found in the method blank.	L	LCS recovery outside control limits.
<	Analyte not detected at or above the reporting limit.	M	MS recovery outside control limits; LCS acceptable.
C	Sample received in an improper container for this test.	P	Chemical preservation pH adjusted in lab.
D	Surrogates diluted out; recovery not available.	Q	Result was determined by a GC/MS database search.
E	Estimated result; concentration exceeds calibration range.	S	Analysis was subcontracted to another laboratory.
G	Surrogate recovery outside control limits.	T	Result is less than three times the MDL value.
H	Analysis or extraction holding time exceeded.	W	Reporting limit elevated due to sample matrix.
I	ICVS % rec outside 95-105% but within 90-110%		
J	Estimated result; concentration is less than routine RL but greater than MDL.	N	Analyte is not part of our NELAC accreditation or accreditation may not be available for this parameter.
RL	Routine Reporting Limit (Lowest amount that can be detected when routine weights/volumes are used without dilution.)	ND	Analyte was not detected using a library search routine; No calibration standard was analyzed.



### Analytical Report

**Client:** ENVIRONMENTAL CONSULTING GROUP  
**Project ID:** 801-809 Main EE251696-732  
**Sample ID:** B2 4-6  
**Sample No:** 25-6860-001

**Date Collected:** 07/28/25  
**Time Collected:** 8:55  
**Date Received:** 07/30/25  
**Date Reported:** 08/06/25

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Solids, Total</b>		<b>Method: 2540G 2011</b>		
Analysis Date: 07/31/25				
Total Solids	94.23		%	
<b>Volatile Organic Compounds</b>		<b>Method: 5035A/8260B</b>		
Analysis Date: 08/06/25				
Acetone	< 200	200	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



### Analytical Report

**Client:** ENVIRONMENTAL CONSULTING GROUP  
**Project ID:** 801-809 Main EE251696-732  
**Sample ID:** B2 4-6  
**Sample No:** 25-6860-001

**Date Collected:** 07/28/25  
**Time Collected:** 8:55  
**Date Received:** 07/30/25  
**Date Reported:** 08/06/25

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Volatile Organic Compounds</b>	<b>Method: 5035A/8260B</b>			
Analysis Date: 08/06/25				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



**Analytical Report**

**Client:** ENVIRONMENTAL CONSULTING GROUP  
**Project ID:** 801-809 Main EE251696-732  
**Sample ID:** B3 8-10  
**Sample No:** 25-6860-002

**Date Collected:** 07/28/25  
**Time Collected:** 9:15  
**Date Received:** 07/30/25  
**Date Reported:** 08/06/25

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Solids, Total</b>		<b>Method: 2540G 2011</b>		
Analysis Date: 07/31/25				
Total Solids	74.63		%	
<b>Volatile Organic Compounds</b>		<b>Method: 5035A/8260B</b>		
Analysis Date: 08/06/25				
Acetone	< 200	200	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



### Analytical Report

**Client:** ENVIRONMENTAL CONSULTING GROUP  
**Project ID:** 801-809 Main EE251696-732  
**Sample ID:** B3 8-10  
**Sample No:** 25-6860-002

**Date Collected:** 07/28/25  
**Time Collected:** 9:15  
**Date Received:** 07/30/25  
**Date Reported:** 08/06/25

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Volatile Organic Compounds</b>	<b>Method: 5035A/8260B</b>			
Analysis Date: 08/06/25				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



**Analytical Report**

**Client:** ENVIRONMENTAL CONSULTING GROUP  
**Project ID:** 801-809 Main EE251696-732  
**Sample ID:** B4 2-4  
**Sample No:** 25-6860-003

**Date Collected:** 07/28/25  
**Time Collected:** 9:45  
**Date Received:** 07/30/25  
**Date Reported:** 08/06/25

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Solids, Total</b>		<b>Method: 2540G 2011</b>		
Analysis Date: 07/31/25				
Total Solids	96.84		%	
<b>Volatile Organic Compounds</b>		<b>Method: 5035A/8260B</b>		
Analysis Date: 08/06/25				
Acetone	< 200	200	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



### Analytical Report

**Client:** ENVIRONMENTAL CONSULTING GROUP  
**Project ID:** 801-809 Main EE251696-732  
**Sample ID:** B4 2-4  
**Sample No:** 25-6860-003

**Date Collected:** 07/28/25  
**Time Collected:** 9:45  
**Date Received:** 07/30/25  
**Date Reported:** 08/06/25

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Volatile Organic Compounds</b>	<b>Method: 5035A/8260B</b>			
Analysis Date: 08/06/25				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



### Analytical Report

**Client:** ENVIRONMENTAL CONSULTING GROUP  
**Project ID:** 801-809 Main EE251696-732  
**Sample ID:** B6 6-8  
**Sample No:** 25-6860-004

**Date Collected:** 07/28/25  
**Time Collected:** 10:20  
**Date Received:** 07/30/25  
**Date Reported:** 08/06/25

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Solids, Total</b>		<b>Method: 2540G 2011</b>		
Analysis Date: 07/31/25				
Total Solids	94.06		%	
<b>Volatile Organic Compounds</b>		<b>Method: 5035A/8260B</b>		
Analysis Date: 08/06/25				
Acetone	< 200	200	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



**Analytical Report**

**Client:** ENVIRONMENTAL CONSULTING GROUP  
**Project ID:** 801-809 Main EE251696-732  
**Sample ID:** B6 6-8  
**Sample No:** 25-6860-004

**Date Collected:** 07/28/25  
**Time Collected:** 10:20  
**Date Received:** 07/30/25  
**Date Reported:** 08/06/25

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Volatile Organic Compounds</b>		<b>Method: 5035A/8260B</b>		
Analysis Date: 08/06/25				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	





August 01, 2025

Mr. Robert Johnson  
**ENVIRONMENTAL CONSULTING GROUP**  
105 S. York Rd  
Suite 250  
Elmhurst, IL 60126

Project ID: PO# EE251696-732 - 801-809 Main  
First Environmental File ID: 25-6845  
Date Received: July 30, 2025

Dear Mr. Robert Johnson:

The above referenced project was analyzed as directed on the enclosed chain of custody record.

All Quality Control criteria as outlined in the methods and current IL ELAP/NELAP have been met unless otherwise noted. QA/QC documentation and raw data will remain on file for future reference. Our accreditation number is 100292 and our current certificate is number:

1002922025-14: effective 01/16/25 through 02/28/2026.

I thank you for the opportunity to be of service to you and look forward to working with you again in the future. Should you have any questions regarding any of the enclosed analytical data or need additional information, please contact me at (630) 778-1200.

Sincerely,

Ryan Gerrick  
Project Manager



## Case Narrative

**ENVIRONMENTAL CONSULTING GROUP**

Lab File ID: **25-6845**

Project ID: **PO# EE251696-732 - 801-809 Main**

Date Received: **July 30, 2025**

All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

The results in this report apply to the samples in the following table:

<b>Laboratory Sample ID</b>	<b>Client Sample Identifier</b>	<b>Date/Time Collected</b>
25-6845-001	TMW1	7/28/2025 11:00

### Sample Batch Comments:

Sample acceptance criteria were met.

---



## Case Narrative

**ENVIRONMENTAL CONSULTING GROUP**

Lab File ID: **25-6845**

Project ID: **PO# EE251696-732 - 801-809 Main**

Date Received: **July 30, 2025**

All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

The following is a definition of flags that may be used in this report:

Flag	Description	Flag	Description
A	Method holding time is 15 minutes from collection. Lab analysis was performed as soon as possible.		
B	Analyte was found in the method blank.	L	LCS recovery outside control limits.
<	Analyte not detected at or above the reporting limit.	M	MS recovery outside control limits; LCS acceptable.
C	Sample received in an improper container for this test.	P	Chemical preservation pH adjusted in lab.
D	Surrogates diluted out; recovery not available.	Q	Result was determined by a GC/MS database search.
E	Estimated result; concentration exceeds calibration range.	S	Analysis was subcontracted to another laboratory.
G	Surrogate recovery outside control limits.	T	Result is less than three times the MDL value.
H	Analysis or extraction holding time exceeded.	W	Reporting limit elevated due to sample matrix.
I	ICVS % rec outside 95-105% but within 90-110%		
J	Estimated result; concentration is less than routine RL but greater than MDL.	N	Analyte is not part of our NELAC accreditation or accreditation may not be available for this parameter.
RL	Routine Reporting Limit (Lowest amount that can be detected when routine weights/volumes are used without dilution.)	ND	Analyte was not detected using a library search routine; No calibration standard was analyzed.



**Analytical Report**

**Client:** ENVIRONMENTAL CONSULTING GROUP  
**Project ID:** PO# EE251696-732 - 801-809 Main  
**Sample ID:** TMW1  
**Sample No:** 25-6845-001

**Date Collected:** 07/28/25  
**Time Collected:** 11:00  
**Date Received:** 07/30/25  
**Date Reported:** 08/01/25

Analyte	Result	R.L.	Units	Flags
<b>Volatile Organic Compounds</b>		<b>Method: 5030B/8260B</b>		
Analysis Date: 07/31/25				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	5.0	ug/L	J
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



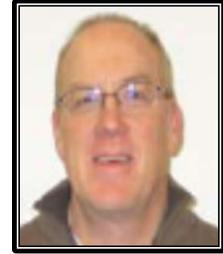
**Appendix F**  
**Qualifications**

# RESUME

## Senior Project Manager – Phases I & II Environmental Site Assessments

### ***Robert A. Johnson, B.S., PG, CHMM***

A Hydrogeologist as defined in NR 712.03



#### **Practice Specialization**

As senior project manager at Environmental Consulting Group, Mr. Robert Johnson's client responsibilities include supervising and conducting Phase I Environmental Site Assessments (ESAs), Phase II ESAs (subsurface soil/groundwater sampling), Tiered Approach to Corrective Action Objectives (TACO) site closures, indoor air quality assessments, water quality assessments, remediation oversight, and underground storage tank (UST) removal projects. Other job duties involve account management, invoicing, collections, technical editing, and generating project documents utilizing Computer-Aided Drafting and Design (CADD).

Mr. Johnson possesses wide-ranging expertise in environmental regulations, as well as advanced project coordination skills.

#### **Professional Career Experience**

After graduating with a Bachelor of Science in Zoology in 1989, Mr. Johnson worked for the National Oceanographic and Atmospheric Association (NOAA) as a foreign fisheries observer, representing American fishery interests. Afterwards, he enlisted in the United States Coast Guard (USCG), earning the position of marine science technician. In this role, Mr. Johnson helped enforce federal water pollution regulations, including the following: FWRCA; the Oil Pollution Act of 1990; the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA); the Resources Conservation and Recovery Act (RCRA); and the Refuse Act. He also oversaw marine cleanup operations as a federal on-scene coordinator's representative.

In 2005, Mr. Johnson returned to school and received a Bachelor of Science in Geology in 2010. He has spent over 28 years in the environmental consulting field. Mr. Johnson designed, managed, and participated in subsurface soil and groundwater investigations involving petroleum and RCRA pollutants. He conducted Phase I and Phase II Environmental Site Assessments and prepared reports for submission to the Illinois Environmental Protection Agency. Mr. Johnson obtained many "No Further Remediation" letters for various clients.

#### **Statement of Qualifications**

##### **Education**

- Bachelor of Science – Geology, Northeastern Illinois University; Chicago, Illinois, 2010
- Bachelor of Science – Zoology, Southern Illinois University; Carbondale, Illinois, 1989

##### **Professional Certifications**

- 8-hour HAZWOPER Refresher Course
- 40-hour HAZWOPER Course
- 24-hour On-Scene Coordinator Course
- Certified Hazardous Materials Manager (CHMM)
- IDPH Asbestos Inspector Lic. No. 100-10834
- Licensed Professional Geologist (PG)  
License No. 196.001365

##### **Continuing Education**

- Site Remediation Principles and Technologies, Environmental Site Evaluations (Phase I): Northeastern University, Burlington, Massachusetts, 1996.
- Treatment and Technologies for Superfund: Environmental Protection Agency, Weymouth, MA, 1994
- Pepsico Stormwater and SPCC Overview: Chicago, Illinois, 2008
- Amtrak Contractor Employee Safety Course: Chicago, Illinois, 2008

##### **Memberships**

- ASTM International
- Natural Groundwater Association
- Association of Environmental & Engineering Geologists

# RESUME

## Project Manager – Phases I & II Environmental Site Assessments

### *Thomas D. Culig*



#### **Practice Specialization**

Thomas Culig holds over 18 years of environmental consulting experience that includes performing Phase I and Phase II Environmental Site Assessments, Tiered Approach to Corrective Action Objectives (TACO) site closures, remediation oversight, and underground storage tank (UST) removal projects.

#### **Professional Career Experience**

After graduating with a Bachelor of Science in Geoscience in 1999, Mr. Culig worked for four years in northern California as an environmental consultant performing soil and groundwater investigations and writing technical reports. In 2005, Mr. Culig moved to Chicago and continues to perform environmental consulting services in the Chicagoland area. Mr. Culig gained extensive experience in geological site assessments to determine the condition of soil and groundwater through ASTM sampling methods. In addition, Mr. Culig has successfully obtained “No Further Remediation” letters for over 40 sites through the Illinois EPA’s Site Remediation Program and Leaking Underground Storage Tank Program.

#### **Statement of Qualifications**

##### **Education**

- Bachelor of Science – Geoscience, University of Iowa; Iowa City, Iowa, 1999

##### **Professional Certifications**

- Licensed Illinois Asbestos Inspector ID 20489
- 40-hour HAZWOPER Course
- Confined Space Training
- NIOSH 582
- ITIL V3 Foundations

##### **Continuing Education**

- Certified Hazardous Materials Manager (CHMM) Certification
- Project Management Professional (PMP) Certification
- 8-hour HAZWOPER Refresher Course
- Asbestos Building Inspector Initial