

ADDENDUM NO. 1

DATE: April 3, 2020
FROM: Village of Villa Park Public Works Department
TO: All Plan holders
PROJECT: **Michigan Avenue Improvement Project (Central to Kenilworth)**

The Bidding Documents for the subject project are hereby amended as follows.
The attached Acknowledgement Form must be filled out and returned with your Bid.

CHANGE THE FOLLOWING ITEM(S) IN THE SPECIFICATIONS:

IN “PAY ITEM 61”:

Replace Pay Item #61 with the following language:

“PAY ITEM #61 – SANITARY SEWER SERVICE REPLACEMENT

Description. This work shall be completed in accordance with the applicable portions of the latest edition of the “Standard Specifications for Water and Sewer Main Construction in Illinois” and the requirements of the Owner of the Sanitary Sewer, and shall consist of the repair of sanitary sewer building service lines when disturbed by other construction crossing the service line or as shown on the drawings, complete in place including CCTV inspection, root removal; excavation; bracing; trench dewatering; removal of existing building service lines; repair of service lines with PVC SDR 26 ASTM 2241 pipe and stainless steel non-shear mission couplings; bedding and covering of pipe; and trench backfilling with trench backfill materials. The materials used are to be in accordance with the specifications listed in the SANITARY SEWER SERVICE RECONNECTION special provision. This Pay Item will only be used for locations shown on the drawings or if the service is in direct conflict with new utilities being installed, as determined by the Engineer.

Basis of Payment. This work will be paid for at the contract unit price per foot for
SANITARY SEWER SERVICE REPLACEMENT regardless of pipe size.”

IN “PAY ITEM 62”:

Replace Pay Item #62 with the following language:

“PAY ITEM #62 – SANITARY SEWER SERVICE RECONNECTION

Description. This work shall consist of removing and replacing the existing sanitary sewer service tee/wye connection fittings at locations shown on the drawings or at other locations as deemed necessary by the Engineer. For sanitary service reconnections in conflict with proposed utilities, this item will only be paid for if the Engineer determines the sanitary service is in direct conflict with the utility being installed as a part of this project. If the contractor elects to reconnect the sanitary sewer service connection that the Engineer has not determined to be in direct conflict, that work will be paid for at the Contractor’s expense. This work shall be done in accordance with the details included as part of the contract plans. The work shall be done in accordance with applicable portions of Section 563 of the Standard Specifications.

The Contractor shall install a new polyvinyl chloride wye or tee fitting at the location of the connection on the mainline sanitary sewer. The services shall be replaced from the new wye at the mainline sanitary sewer to the existing service pipe, using PVC pipe of the same diameter as the existing connection.

The Contractor is to coordinate with the Village 48 hours prior to disconnecting the existing sanitary sewer service. During this time, the Contractor is to ensure the residences are notified of any potential interruption in services. This work is incidental to this item. After the sanitary connection has been installed the Contractor shall be responsible for locating said sanitary connection lines for the remainder of the construction. The Village will not locate sanitary connections placed by the Contractor for the duration of the project. Any damage to the sanitary connection by the Contractor caused by the Contractor’s failure to properly locate the sanitary connection shall be repaired by the Contractor at his own expense to the satisfaction of the Engineer.

563.02 Materials. The materials shall be in accordance with the applicable portions of Section 550 and 563 and the Sanitary Sewer System Specifications with the following exceptions:

Replacement sewer service material shall be Polyvinyl Chloride (PVC) pipe conforming to ASTM D-2241 with gasket joints conforming to ASTM D-3212 and a Standard Dimension Ratio (SDR) equal to 26. The wye fittings to be installed on the main shall be fabricated to fit the mainline pipe that conforms to ASTM D-3034 and the branch service pipe that conforms to ASTM D-2241. All supplied pipes must be from the same manufacturer. All supplied fittings must be from the same manufacturer. All connections to existing pipes shall be made with “FERNCO” RC

Series” or “MISSON Flex –Seal” adjustable non-shear repair couplings equipped with stainless steel bands. Additional fittings and labor required to connect the new 6-inch sanitary service pipe to existing service pipes that are a size other than six inches is incidental to this item.

Basis of Payment. This work will be paid for at the contract unit price for each SANITARY SEWER SERVICE RECONNECTION which price is to include all labor, equipment, excavation, saw cutting of pavement, materials, removal of existing connection, bypass pumping, removal of spoils, and reconnection of new pipe to existing pipe. If the sanitary sewer main or service pipe is required to be replaced as determined in the field by Engineer, the pipe will be paid for per linear foot as SANITARY SEWER PIPE, PVC SDR 26, ASTM D-2241, of the size specified or SANITARY SEWER SERVICE REPLACEMENT.”

ADD THE FOLLOWING ATTACHMENTS TO THE CONTRACT:

1. Geotechnical Report (19 Pages)
2. LPC 663 (63 Pages)

END OF ADDENDUM NO. 1

RETURN WITH
BID

**ADDENDUM NO.
1
ACKNOWLEDGMENT
FORM**

I/We hereby acknowledge receipt of **ADDENDUM No. 1** to the Bidding Documents for the Village of Villa Park's **MICHIGAN AVENUE IMPROVEMENT PROJECT (CENTRAL TO KENILWORTH)**

Addendum No. 1
86 pages **TOTAL**

86 pages

Name: _____

Title: _____

Company: _____

Signature: _____

Date: _____



SOIL AND MATERIAL CONSULTANTS, INC.

Office: 847-870-0544
Fax: 847-870-0661
us@soilandmaterialconsultants.com
www.soilandmaterialconsultants.com

November 21, 2007
File No. 23665

Mr. Thomas M. Slattery
Baxter & Woodman Inc.
8430 Bryn Mawr Avenue, Suite 400
Chicago, IL 60631

Re: Geotechnical Investigation
Michigan Avenue
Villa Park, Illinois

Dear Mr. Slattery:

The following is our report of findings for the geotechnical investigation completed along Michigan Avenue from Kenilworth Avenue to Central Boulevard in the Village of Villa Park, Illinois.

The investigation was requested to determine existing pavement sections along with subsurface soil conditions. The information is intended to assist in the planning, design and reconstruction of Michigan Avenue.

SCOPE OF THE INVESTIGATION

Our investigation included a total of 7 pavement cores and borings along Michigan Avenue obtained at various centerline offsets in the existing pavement. Each core determined the pavement section including material types and thicknesses. The underlying soils were auger drilled and sampled to depths of 10.0 feet below the surface. Soil samples were obtained using a split barrel sampler advanced utilizing an automatic SPT hammer.

Soil profiles were determined in the field and soil samples returned to our laboratory for additional testing including determination of moisture content. Cohesive soils obtained by split barrel sampling were tested further to determine dry unit weight and unconfined compressive strength.

The results of all field determinations and laboratory testing are included in summary with this report.

RESULTS OF THE INVESTIGATION

Enclosed are core and boring logs indicating the pavement and soil conditions encountered at each location. The existing pavement section at locations 1 through 6 included 1.0 inches to 1.75 inches of bituminous concrete surface over 5.75 inches to 6.75 inches of concrete. The total pavement section was found to range in thickness from 6.75 inches to 8.5 inches at these locations.

8 W. COLLEGE DR. • SUITE C • ARLINGTON HEIGHTS, IL 60004

SOIL BORINGS • SITE INVESTIGATIONS • PAVEMENT INVESTIGATIONS • GEOTECHNICAL ENGINEERING
TESTING OF • SOIL • ASPHALT • CONCRETE • MORTAR • STEEL

The pavement section at location 7 included 3.0 inches of bituminous concrete surface over 4.0 inches of failed bituminous concrete binder over 10.0 inches of crushed limestone base. The total pavement section was 17.0 inches thick at this location.

Fill soil conditions were encountered at borings B-1, B-2 and B-3. Composition of the fill includes the presence of clay/silt mixtures with elevated moisture contents extending to depths of 1.0 feet to 1.5 feet at these locations. The limits of fill placement were not determined within the scope of this investigation. Larger debris may also be present within the fill but was not encountered during the investigation. The pavement materials were also found to overlie the apparent natural topsoil at boring B-5.

Underlying soil conditions consist of cohesive soils. These are classified as stiff to hard clay/silt mixtures with lesser portions of sand and gravel. Portions of these soils are sometimes high in moisture content with values in excess of 25 % determined. Cobbles and boulders may be present within the site soils at any elevation, although none were encountered while drilling.

The boring logs indicate the depth at which subsurface water was encountered in the bore holes at the time of the drilling operations and during the period of these readings. It is expected that fluctuations from the water levels recorded will occur over a period of time due to variations in rainfall, temperature, subsurface soil conditions, soil permeability and other factors not evident at the time of the water level measurements.

DISCUSSION

We understand Michigan Avenue is planned for a total reconstruction of the pavement. This would include removal of all existing pavement materials followed by blade shaping of the subgrade to provide positive drainage and crown. The subgrade should be proof-rolled using a loaded 6-wheel truck or equivalent. Unstable areas should be removed and replaced with coarse crushed aggregate. Depending on the new pavement design thickness we would anticipate undercuts in the area of borings B-1 to B-3 and B-5 due to the presence of high moisture content fill and topsoil. The new base can then be placed and compacted followed by placement of new HMA binder course overlaid by HMA surface course.

Any associated underground improvements can be supported on the suitable underlying soils. When the utilities are placed in an open cut excavation, a granular bedding, CA07/CA11, should be used to support the pipe on the undisturbed natural soils.

In unimproved areas, the trench excavation can be backfilled with the suitable non-organic soils from the trench. In the improved areas, such as under pavements and sidewalks, the trench should be backfilled with compacted crushed granular fill (CA06). The backfill should be placed in lifts not to exceed 12.0 inches when uncompacted. Each lift should exceed the minimum compaction requirement prior to the placement of the next lift. We would recommend a minimum of 95% compaction based on the modified Proctor test, ASTM D-1557, be achieved in the pavement and sidewalk areas and a minimum of 85% in the unimproved areas.

DEWATERING

Excavations may require dewatering due to subsurface water seepage and/or surface precipitation. This water can be removed by standard sump and pump operations. Soils exposed at pipe elevations should not be permitted to become saturated. Loss of bearing strength and stability may occur, requiring additional soil excavation.

Fill soils, cohesive soils and others can be unstable when saturated. These soils tend to cave or run when submerged or disturbed. The stability of exposed embankments is minimal to non-existent as confining soil pressures are removed. Proper drainage within excavations is necessary at all times, particularly when excavations extend below anticipated water levels and below saturated soils.

The contractor should be made responsible for designing and constructing stable temporary excavations. Also, the contractor should shore, slope, bench or restrain the sides of the excavations as required to maintain stability of both the excavation sides and bottom. In no case, should the slope, slope heights, or excavation depth exceed those in the local, state, and federal safety regulations.

CONCLUSION

The information within this report is intended to provide initial information concerning subsurface soil and water conditions on the site. Variations in subsurface conditions are expected to be present between boring locations due to naturally changing and filled soil conditions.

Our understanding of the proposed improvements is based on limited information available to us at the writing of this report. The findings of the investigation and the recommendations presented are not considered applicable to significant changes in the scope of the improvements or applicable to alternate site uses. We recommend that proposed pavement and grading plans be reviewed by our office to determine if additional considerations are necessary to address anticipated subsurface conditions.

If you have any questions concerning the findings or recommendations presented in this report, please let me know.

Very truly yours,

SOIL AND MATERIAL CONSULTANTS, INC.



Thomas P. Johnson, P.E.
President

TPJ:ek
Enc.



SMC		SOIL AND MATERIAL CONSULTANTS, INC.	LOCATION SKETCH
Client:	BAXTER & WOODMAN, INC.		
Project:	MICHIGAN AVENUE		
Location:	VILLA PARK, ILLINOIS		
File No.	23665	Date: 11-20-17	Scale: NONE



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CORE LOG

Client: Baxter & Woodman, Inc. Reference: Michigan Ave., Villa Park, IL

Core No: C-1 Work Done By: AC & DA

Location of Core: 109 S. Michigan Ave., 6' E. of CL

Comments:

(Depth, In.)	Type of Material	Recovery
0 ---	1-0" Bituminous concrete - surface	Full
1 ---	0-3/4" Bituminous concrete - surface	Full
2 ---		
3 ---		
4 ---	6-3/4" Concrete	Full
5 ---		
6 ---	● Wire Mesh at 5-3/4"	
7 ---		
8 ---	Total 8-1/2"	
9 ---	E.O.C.	
10 ---		
11 ---		
12 ---		
13 ---		
14 ---		
15 ---		
16 ---		
17 ---		
18 ---		
19 ---		
20 ---		



SOIL AND MATERIAL CONSULTANTS, INC.

Date: 11/20/17

File No.: 23665

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CORE LOG

Client: Baxter & Woodman, Inc. Reference Michigan Ave., Villa Park, IL

Core No: C-2 Work Done By: AC & DA

Location of Core: 134 S. Michigan Ave., 4' W. of CL

Comments: _____

(Depth, In.)	<u>Type of Material</u>	<u>Recovery</u>
0 ---	1-0" Bituminous concrete - surface	Full
1 ---	0-1/2" Bituminous concrete - surface	Full
2 ---		
3 ---	6-1/2" Concrete	Full
4 ---	● Wire Mesh at 4-1/2"	
5 ---		
6 ---		
7 ---		
8 ---	Total 8-0"	
9 ---	E.O.C.	
10 ---		
11 ---		
12 ---		
13 ---		
14 ---		
15 ---		
16 ---		
17 ---		
18 ---		
19 ---		
20 ---		



SOIL AND MATERIAL CONSULTANTS, INC.

Date: 11/20/17

File No.: 23665

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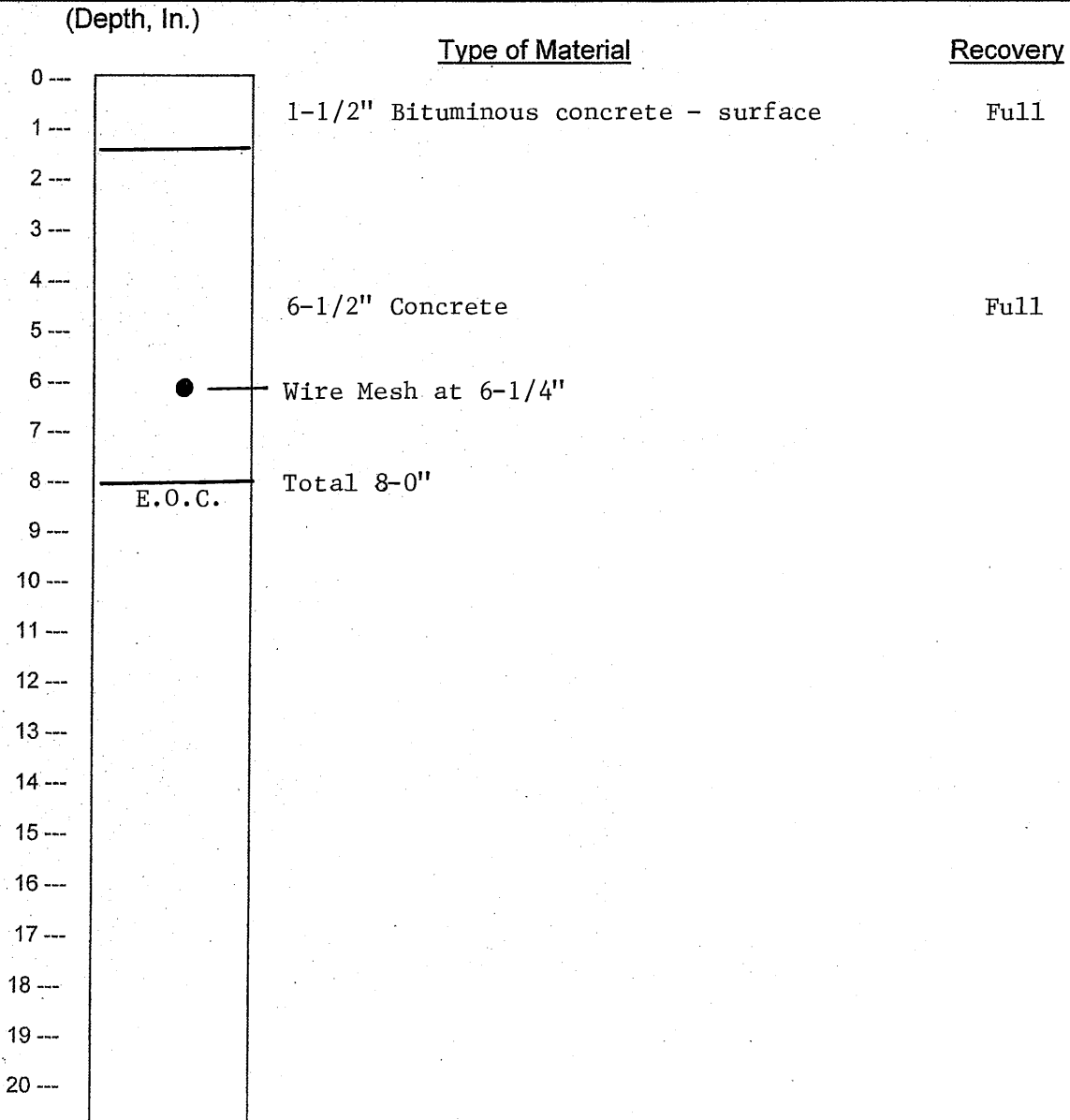
CORE LOG

Client: Baxter & Woodman, Inc. Reference Michigan Ave., Villa Park, IL

Core No: C-3 Work Done By: AC & DA

Location of Core: 205 S. Michigan Ave., 6' E. of CL

Comments: _____





Date: 11/20/17
 File No.: 23665

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CORE LOG

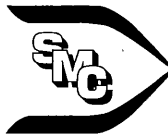
Client: Baxter & Woodman, Inc. Reference Michigan Ave., Villa Park, IL

Core No: C-4 Work Done By: AC & DA

Location of Core: 230 S. Michigan Ave., 5' W. of CL

Comments: _____

(Depth, In.)	Type of Material	Recovery
0 ---		
1 ---	1-1/4" Bituminous concrete - surface	Full
2 ---		
3 ---		
4 ---	6-1/2" Concrete	Full
5 ---	● Wire Mesh at 5-1/2"	
6 ---		
7 ---		
8 ---	E.O.C. Total 7-3/4"	
9 ---		
10 ---		
11 ---		
12 ---		
13 ---		
14 ---		
15 ---		
16 ---		
17 ---		
18 ---		
19 ---		
20 ---		



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CORE LOG

Client: Baxter & Woodman, Inc. Reference: Michigan Ave., Villa Park, IL

Core No: C-5 Work Done By: AC & DA

Location of Core: 315 S. Michigan Ave., 6' E. of CL

Comments:

(Depth, In.)	Type of Material	Recovery
0 ---	1-0" Bituminous concrete - surface	Full
1 ---	no bond	
2 ---		
3 ---	6-3/4" Concrete	Full
4 ---		
5 ---	● Wire Mesh at 5-3/4"	
6 ---		
7 ---		
8 ---	Total 7-3/4"	
8 ---	E.O.C.	
9 ---		
10 ---		
11 ---		
12 ---		
13 ---		
14 ---		
15 ---		
16 ---		
17 ---		
18 ---		
19 ---		
20 ---		



Date: 11/20/17

File No.: 23665

8 W. COLLEGE DR. • SUITE C • ARLINGTON HEIGHTS, IL 60004

CORE LOG

Client: Baxter & Woodman, Inc. Reference Michigan Ave., Villa Park, IL

Core No: C-6 Work Done By: AC & DA

Location of Core: 336 S. Michigan Ave., 5' W. of CL

Comments: _____

(Depth, In.)	Type of Material	Recovery
0 ---	1-0" Bituminous concrete - surface	Full
1 ---		
2 ---	5-3/4" Concrete	Full
3 ---		
4 ---	● Wire Mesh at 4-0"	
5 ---		
6 ---	Total 6-3/4"	
7 ---	E.O.C.	
8 ---		
9 ---		
10 ---		
11 ---		
12 ---		
13 ---		
14 ---		
15 ---		
16 ---		
17 ---		
18 ---		
19 ---		
20 ---		



Date: 11/20/17

File No.: 23665

8 W. COLLEGE DR. • SUITE C • ARLINGTON HEIGHTS, IL 60004

CORE LOG

Client: Baxter & Woodman, Inc. Reference Michigan Ave., Villa Park, IL

Core No: C-7 Work Done By: AC & DA

Location of Core: S. Michigan Ave., 40' N. of Central Blvd., 7' E. of CL

Comments: _____

(Depth, In.)	Type of Material	Recovery
0 ---		
1 ---	3-0" Bituminous concrete - surface	Full
2 ---		
3 ---		
4 ---	4-0" Bituminous concrete - binder (failed)	Partial
5 ---		
6 ---		
7 ---		
8 ---		
9 ---		
10 ---		
11 ---	10-0" Crushed limestone with fines	Partial
12 ---		
13 ---		
14 ---		
15 ---		
16 ---		
17 ---	Total 17-0"	
18 ---	E.O.C.	
19 ---		
20 ---		


Client: Baxter & Woodman, Inc.

File No. 23665

Date Drilled: 11/20/17

Reference: Michigan Ave.
Villa Park, IL

Comments: 109 S. Michigan Ave., 6' E. of CL

depth, ft.	Equipment: <input checked="" type="checkbox"/> CME 45B <input type="checkbox"/> CME 55 <input type="checkbox"/> Hand Auger <input type="checkbox"/> Other	standard penetration	moisture content	dry unit weight lbs./cu.ft.	unconfined compressive strength	<input type="radio"/> unconfined compressive strength, tons/sq. ft. <input checked="" type="radio"/> penetrometer reading, tons/sq. ft. 1.0 2.0 3.0 4.0			
	CLASSIFICATION					Elevation	Existing Surface	<input checked="" type="radio"/> standard penetration "N", blows/ft. <input type="radio"/> moisture content, % 10 20 30 40	
	(See Core Log)								
1	Dark brown-brown-black clay & silt trace sand & gravel, damp - Fill		21.9						
2	Brown clay, some silt, trace sand & gravel, damp-very damp, very tough to hard	11	20.3	104.5	3.6	X	△	●	○
3									
4									
5		8	19.1	108.4	4.1	X	△	●	○
6	Brown clay, some silt, trace sand & gravel, damp-very damp, stiff 								
7									
8	Brown-gray clay, some silt, trace sand & gravel, damp, hard	6	29.2	93.7	0.7	X	△	●	○
9									
10	End of Boring	14	15.5	115.3	4.6	X	△	●	○

Water encountered at 6.5 feet during drilling operations (W.D.)
 Water recorded at dry feet on completion of drilling operations (A.D.)
 Water recorded at feet hours after completion of drilling operations (A.D.)

Client: Baxter & Woodman, Inc.

File No. 23665 Date Drilled: 11/20/17

Reference: Michigan Ave.
Villa Park, IL

Comments: 134 S. Michigan Ave., 4' W. of CL

depth, ft.	Equipment: <input checked="" type="checkbox"/> CME 45B <input type="checkbox"/> CME 55 <input type="checkbox"/> Hand Auger <input type="checkbox"/> Other	standard penetration	moisture content	dry unit weight lbs./cu.ft.	unconfined compressive strength	○ unconfined compressive strength, tons/sq. ft. ● penetrometer reading, tons/sq. ft. 1.0 2.0 3.0 4.0 × standard penetration "N", blows/ft. △ moisture content, % 10 20 30 40												
	CLASSIFICATION					Elevation	Existing Surface	○	○	○	○							
	(See Core Log)																	
1	Dark brown-black clay & silt, trace sand & gravel, damp - Fill		25.5															
2	Brown clay, some silt, trace sand & gravel, damp, very tough to hard																	
3		10	20.9	100.1	3.2	×	△	●	○									
4																		
5		11	18.4	109.1	5.1	×	△	●	○									
6	Brown clay, some silt, trace sand & gravel, damp, very tough																	
7																		
8		10	19.1	107.8	3.1	×	△	●	○									
9	Gray clay, some silt, trace sand & gravel, damp, hard																	
10	End of Boring	15	14.9	118.0	4.4		△		○									

Water encountered at dry feet during drilling operations (W.D.)
 Water recorded at dry feet on completion of drilling operations (A.D.)
 Water recorded at feet hours after completion of drilling operations (A.D.)



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SOIL BORING LOG B-3

Logged By: DA

Page: 1 of 1

Client: Baxter & Woodman, Inc.

File No. 23665

Date Drilled: 11/20/17

Reference: Michigan Ave.
Villa Park, IL

Comments: 205 S. Michigan Ave., 6' E. of CL

Equipment: CME 45B CME 55 Hand Auger Other

CLASSIFICATION
Elevation Existing Surface

depth, ft.	(See Core Log)
1	Brown-dark brown clay & silt, trace sand & gravel, damp - Fill
2	Brown clay, some silt, trace sand & gravel, damp, hard
3	
4	Brown clay, some silt, trace sand & gravel, damp, very tough
5	
6	
7	
8	Gray clay, some silt, trace sand & gravel, damp, very tough
9	
10	End of Boring

standard penetration	moisture content	dry unit weight lbs./cu.ft.	unconfined compressive strength	<input type="radio"/> unconfined compressive strength, tons/sq. ft. <input checked="" type="radio"/> penetrometer reading, tons/sq. ft. 1.0 2.0 3.0 4.0 <input checked="" type="checkbox"/> standard penetration "N", blows/ft. <input checked="" type="checkbox"/> moisture content, % 10 20 30 40			
×	△	⌘	○				
	23.7						
9	17.6	111.2	4.0	×	△	●	○
10	17.5	115.0	3.8	×	△	●	○
8	18.0	111.3	2.8	×	△	●	○
10	16.4	114.9	2.4	×	△	●	○

Water encountered at dry feet during drilling operations (W.D.)
 Water recorded at dry feet on completion of drilling operations (A.D.)
 Water recorded at feet hours after completion of drilling operations (A.D.)



8 W. COLLEGE DR. • SUITE C • ARLINGTON HEIGHTS, IL 60004

SOIL BORING LOG B-4

Logged By: DA Page: 1 of 1

Client: Baxter & Woodman, Inc.

File No. 23665 Date Drilled: 11/20/17

Reference: Michigan Ave.
Villa Park, IL

Comments: 230 S. Michigan Ave., 5' W. of CL

Equipment: CME 45B CME 55 Hand Auger Other

CLASSIFICATION

Elevation Existing Surface

depth, ft.	standard penetration	moisture content	dry unit weight lbs./cu.ft.	unconfined compressive strength	unconfined compressive strength, tons/sq. ft.				
					○	●	○	○	
					penetrometer reading, tons/sq. ft.				
					1.0	2.0	3.0	4.0	
					× standard penetration "N", blows/ft.				
					△ moisture content, %				
					10	20	30	40	
(See Core Log)									
1									
2									
3	8	17.6	112.7	3.8	×	△	●	○	
4									
5	9	18.1	112.3	4.1	×	△	●	○	
6									
7									
8									
9									
10	13	19.0	109.4	3.3	×	△		○	
16	16	20.5	105.6	3.3	×	△		○	

1	Brown clay, some silt, trace sand & gravel, damp, very tough to hard
2	
3	
4	
5	
6	
7	Brown clay, some silt, trace sand & gravel, damp, very tough
8	
9	
10	End of Boring

Water encountered at dry feet during drilling operations (W.D.)
 Water recorded at dry feet on completion of drilling operations (A.D.)
 Water recorded at feet hours after completion of drilling operations (A.D.)

Client: Baxter & Woodman, Inc.

Reference: Michigan Ave.
 Villa Park, IL

Comments: 315 S. Michigan Ave., 6' E. of CL

Equipment: CME 45B CME 55 Hand Auger Other

CLASSIFICATION

Elevation Existing Surface

depth, ft.	standard penetration	moisture content	dry unit weight lbs./cu.ft.	unconfined compressive strength	unconfined compressive strength, tons/sq. ft.				
					○	●	1.0	2.0	3.0
					× standard penetration "N", blows/ft. △ moisture content, %				
					10	20	30	40	
1									
2	11	25.3	103.3	4.6	×	△			○
3									
4									
5	12	16.9	111.0	5.4	×	△			○
6									
7									
8	8	18.1	109.6	3.4	×	△			●
9									
10	13	16.4	114.6	5.9	×	△			○

End of Boring

Water encountered at **dry** feet during drilling operations (W.D.)
 Water recorded at **dry** feet on completion of drilling operations (A.D.)
 Water recorded at **dry** feet hours after completion of drilling operations (A.D.)



8 W. COLLEGE DR. • SUITE C • ARLINGTON HEIGHTS, IL 60004

SOIL BORING LOG B-6

Logged By: DA Page: 1 of 1

Client: Baxter & Woodman, Inc.

File No. 23665 Date Drilled: 11/20/17

Reference: Michigan Ave.
Villa Park, IL

Comments: 336 S. Michigan Ave., 5' W. of CL

depth, ft.	Equipment: <input checked="" type="checkbox"/> CME 45B <input type="checkbox"/> CME 55 <input type="checkbox"/> Hand Auger <input type="checkbox"/> Other	standard penetration	moisture content	dry unit weight lbs./cu.ft.	unconfined compressive strength	<input type="radio"/> unconfined compressive strength, tons/sq. ft. <input checked="" type="radio"/> penetrometer reading, tons/sq. ft. 1.0 2.0 3.0 4.0				
	CLASSIFICATION					<input checked="" type="radio"/> standard penetration "N", blows/ft. <input type="radio"/> moisture content, %	10	20	30	40
Elevation	Existing Surface	X	Δ	⊗	○					
(See Core Log)										
1	Brown clay, some silt, trace sand & gravel, damp, hard									
2										
3										
4										
5		12	16.5	110.7	4.5	X	Δ			4.5 ○
6										
7										
8										
9										
10		20	17.1	110.2	5.0		X			5.0 ○

End of Boring

Water encountered at dry feet during drilling operations (W.D.)
 Water recorded at dry feet on completion of drilling operations (A.D.)
 Water recorded at feet hours after completion of drilling operations (A.D.)

SOIL BORING LOG B-7

Logged By: DA Page: 1 of 1

Client: Baxter & Woodman, Inc.

File No. 23665 Date Drilled: 11/20/17

Reference: Michigan Ave.
Villa Park, IL
S. Michigan Ave., 40' N. of
Comments: Central Blvd., 7' E. of CL

Equipment: CME 45B CME 55 Hand Auger Other

CLASSIFICATION

Elevation Existing Surface

depth, ft.	standard penetration	moisture content	dry unit weight lbs./cu.ft.	unconfined compressive strength	
	X	Δ	⊗	○	○ unconfined compressive strength, tons/sq. ft. ● penetrometer reading, tons/sq. ft. 1.0 2.0 3.0 4.0 X standard penetration "N", blows/ft. Δ moisture content, % 10 20 30 40
1	(See Core Log)				
2	Brown clay, some silt, trace sand & gravel, damp, tough to hard				
3	7	25.8	98.8	1.3	X ○ ● Δ
4					
5	9	16.5	113.3	6.1	X Δ ● ○
6					
7	Brown clay, some silt, trace sand & gravel, damp, very tough to hard				
8	10	18.5	109.3	3.9	X Δ ● ○
9					
10	17	17.8	110.2	4.8	X Δ ● ○

End of Boring

Water encountered at feet during drilling operations (W.D.)
 Water recorded at feet on completion of drilling operations (A.D.)
 Water recorded at feet hours after completion of drilling operations (A.D.)

GENERAL NOTES

SAMPLE CLASSIFICATION

Soil sample classification is based on the Unified Soil Classification System, the Standard Practice for Description and Identification Soils (Visual-Manual Procedure), ASTM D-2488, the Standard Test Method for Classification of Soils for Engineering Purposes, ASTM D-2487 (when applicable), and the modifiers noted below.

CONSISTENCY OF COHESIVE SOILS

Term	Qu-tons.sq.ft.	N (unreliable)
Very soft	0.00 – 0.25	0 – 2
Soft	0.26 – 0.49	3 – 4
Stiff	0.50 – 0.99	5 – 8
Tough	1.00 – 1.99	9 – 15
Very Tough	2.00 – 3.99	16 – 30
Hard	4.00 – 7.99	30 +
Very Hard	8.00 +	

RELATIVE DENSITY OF GRANULAR SOILS

Term	N – blows/foot
Very Loose	0 – 4
Loose	5 – 9
Medium Dense	10 – 29
Dense	30 – 49
Very Dense	50 +

IDENTIFICATION AND TERMINOLOGY

Term	Size Range
Boulder	over 8 in.
Cobble	3 in. to 8 in.
Gravel - coarse	1 in. to 3 in.
- medium	3/8 in. to 1 in.
- fine	#4 sieve to 3/8 in.
Sand - coarse	#10 sieve to #4 sieve
- medium	#40 sieve to #10 sieve
- fine	#200 sieve to #40 sieve
Silt	0.002 mm to #200 sieve
Clay	smaller than 0.002mm

Modifying Term

Modifying Term	Percent by Weight
Trace	1 – 10
Little	11 – 20
Some	21 – 35
And	36 – 50

Moisture Content

Dry
Damp
Very Damp
Saturated

DRILLING, SAMPLING & SOIL PROPERTY SYMBOLS

CF	- Continuous Flight Auger
HS	- Hollow Stem Auger
HA	- Hand Auger
RD	- Rotary Drilling
AX	- Rock Core, 1-3/16 in. diameter
BX	- Rock Core, 1-5/8 in. diameter
NX	- Rock Core, 2-1/8 in. diameter
S	- Sample Number
T	- Type of Sample
J	- Jar
AS	- Auger Sample
SS	- Split Spoon (2 in. O.D. with 1-3/8 in. I.D.)
ST	- Shelby Tube (2 in. O.D. w/ith1-7/8 in. I. D.)
R	- Recovery Length, in.
B	- Blows/6 in. interval, Standard Penetration Test (SPT)
N	- Blows/foot to drive 2 in. O.D. split-spoon sampler with 140 lb. hammer falling 30 in., (STP)
Pen.	- Pocket Penetrometer readings, tons/sq.ft.
W	- Water Content, % dry weight
Uw	- Dry Unit Weight of soil, lbs./cu.ft.
Qu	- Unconfined Compressive Strength, tons/sq.ft.
Str	- % Strain at Qu.
WL	- Water Level
WD	- While Drilling
AD	- After Drilling
DCI	- Dry Cave-in.
WCI	- Wet Cave-in.
LL	- Liquid Limit, %
PL	- Plastic Limit, %
PI	- Plasticity Index (LL-PL)
LI	- Liquidity Index [(W-PL)/PI]



Bureau of Land • 1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276

Uncontaminated Soil Certification by Licensed Professional Engineer or Licensed Professional Geologist for Use of Uncontaminated Soil as Fill in a CCDD or Uncontaminated Soil Fill Operation LPC-663

Revised in accordance with 35 Ill. Adm. Code 1100, as amended by PCB R2012-009 (eff. Aug. 27, 2012)

This certification form is to be used by professional engineers and professional geologists to certify, pursuant to 35 Ill. Adm. Code 1100.205(a)(1)(B), that soil (i) is uncontaminated soil and (ii) is within a pH range of 6.26 to 9.0. If you have questions about this form, please telephone the Bureau of Land Permit Section at 217/524-3300.

This form may be completed online, saved locally, printed and signed, and submitted to prospective clean construction or demolition debris (CCDD) fill operations or uncontaminated soil fill operations.

I. Source Location Information

(Describe the location of the source of the uncontaminated soil)

Project Name: Soil Assessment Office Phone Number, if available: _____

Physical Site Location (address, including number and street):

S. Michigan Avenue from W. Kenilworth Avenue to W. Central Boulevard St.- See attached figures

City: Villa Park State: IL Zip Code: 60181

County: DuPage Township: York

Lat/Long of approximate center of site in decimal degrees (DD.ddddd) to five decimal places (e.g., 40.67890, -90.12345):

Latitude: 41.885356 Longitude: -87.985628
(Decimal Degrees) (-Decimal Degrees)

Identify how the lat/long data were determined:

- GPS Map Interpolation Photo Interpolation Survey Other

IEPA Site Number(s), if assigned: BOL: _____ BOW: _____ BOA: _____

II. Owner/Operator Information for Source Site

Site Owner

Site Operator

Name: Village of Villa Park
Street Address: 20 South Ardmore Avenue
PO Box: _____
City: Villa Park State: IL
Zip Code: 60181 Phone: 630-834-8500
Contact: Kevin Mantels
Email, if available: _____

Name: _____
Street Address: _____
PO Box: _____
City: _____ State: _____
Zip Code: _____ Phone: _____
Contact: _____
Email, if available: _____

This Agency is authorized to require this information under Section 4 and Title X of the Environmental Protection Act (415 ILCS 5/4, 5/39). Failure to disclose this information may result in: a civil penalty of not to exceed \$50,000 for the violation and an additional civil penalty of not to exceed \$10,000 for each day during which the violation continues (415 ILCS 5/42). This form has been approved by the Forms Management Center.

Project Name: Soil Assessment

Latitude: 41.885356 Longitude: -87.985628

Uncontaminated Site Certification

III. Basis for Certification and Attachments

For each item listed below, reference the attachments to this form that provide the required information.

- a. A Description of the soil sample points and how they were determined to be sufficient in number and appropriately located 35 Ill. Adm. Code 1100.610(a):

A preliminary environmental site investigation was conducted to identify PIPs. A Site inspection was performed while sampling to evaluate on-site environmental conditions & potential PIPs. Based on the nature & scope of the project, 4 soil samples were obtained for indicator contaminants associated with identified PIPs, & screened with a PID. Fig2 shows sample locations.

- b. Analytical soil testing results to show that soil chemical constituents comply with the maximum allowable concentrations established pursuant to 35 Ill. Adm. Code Part 1100, Subpart F and that the soil pH is within the range of 6.25 to 9.0, including the documentation of chain of custody control, a copy of the lab analysis; the accreditation status of the laboratory performing the analysis; and certification by an authorized agent of the laboratory that the analysis has been performed in accordance with the Agency's rules for the accreditation of environmental and the scope of the accreditation [35 Ill. Adm. Code 1100.201(g), 1100.205(a), 1100.610]:

See attached analytical summary tables, laboratory reports and associated NELAC certification. Figure 2 identifies the project area that is covered by this certification.

IV. Certification Statement, Signature and Seal of Licensed Professional Engineer or Licensed Professional Geologist

I, Sean P. Brady P.E. (name of licensed professional engineer or geologist) certify under penalty of law that the information submitted, including but not limited to, all attachments and other information, is to the best of my knowledge and belief, true, accurate and complete. In accordance with the Environmental Protection Act [415 ILCS 5/22.51 or 22.51a] and 35 Ill. Adm. Code 1100.205(a), I certify that the soil from this site is uncontaminated soil. I also certify that the soil pH is within the range of 6.25 to 9.0. In addition, I certify that the soil has not been removed from the site as part of a cleanup or removal of contaminants. All necessary documentation is attached.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))

Company Name: True North Consultants

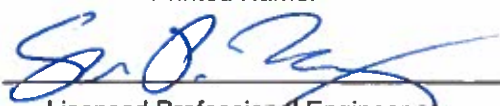
Street Address: 1240 Iroquois Avenue, Suite 206

City: Naperville State: IL Zip Code: 60563

Phone: 630.717.2880

Sean P. Brady P.E.

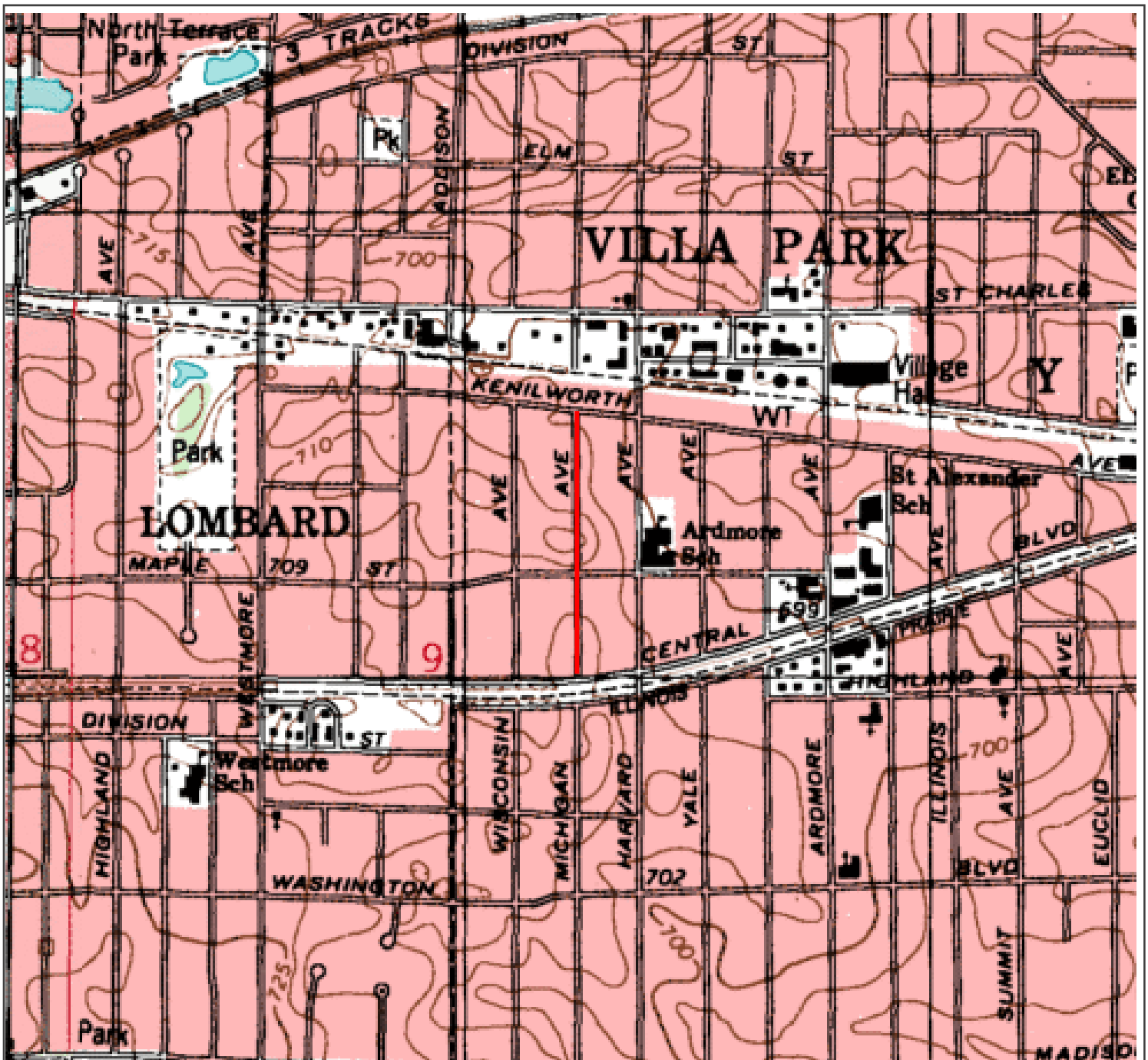
Printed Name:


 Licensed Professional Engineer or
 Licensed Professional Geologist Signature:

03.28.18
 Date:





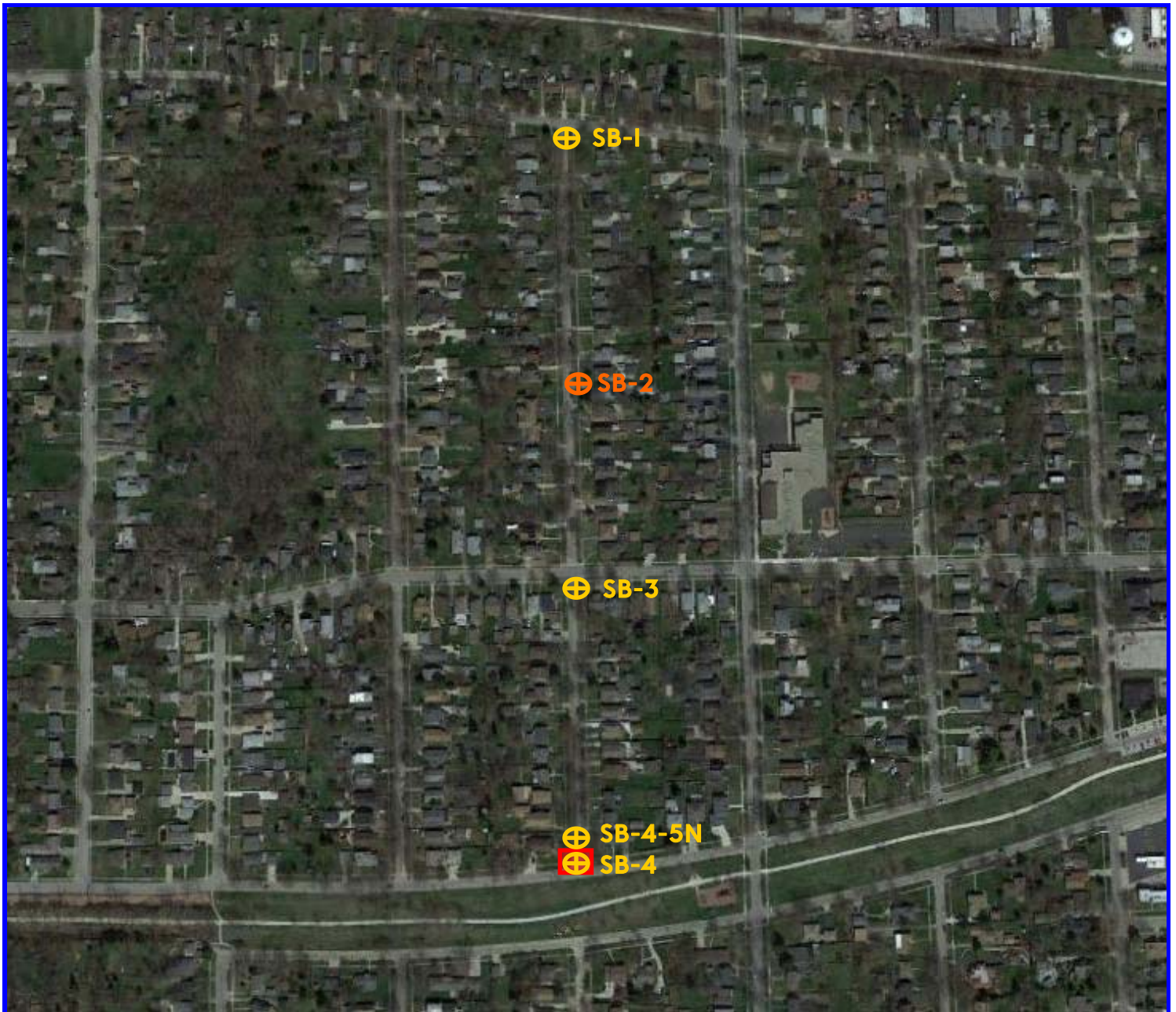
P.E. or L.P.G. Seal:



1999 ELMHURST, ILLINOIS — TOPOGRAPHIC MAP ADAPTED BY USGS

 APPROXIMATE PROJECT LOCATION

 1260 IROQUOIS AVE, SUITE 206 NAPERVILLE, ILLINOIS 60563	SITE LOCATION	SOUTH MICHIGAN AVENUE BETWEEN W. CENTRAL BOULEVARD AND W. KENILWORTH AVENUE	 NOT TO SCALE	FIGURE	I
	CLIENT	VILLAGE OF VILLAGE PARK 20 S. ARDMORE AVE. VILLA PARK, ILLINOIS 60181		PROJECT NUMBER	TII8108
				DATE	03/05/2018




2017 — AERIAL PHOTOGRAPH ADAPTED FROM GOOGLE EARTH



APPROXIMATE LOCATION OF SOILS THAT MUST BE EXCLUDED FROM CCDD MANAGEMENT DUE TO SOIL PH OUTSIDE THE RANGE SPECIFIED IN 35 IAC 1100.201(G).

 APPROXIMATE LOCATION OF SOIL SAMPLE BORING

 APPROXIMATE LOCATION OF SOIL SAMPLE BORING FOR FIELD SCREENING



 1260 IROQUOIS AVE, SUITE 206 NAPERVILLE, ILLINOIS 60563	SITE LOCATION	SOUTH MICHIGAN AVENUE BETWEEN W. CENTRAL BOULEVARD AND W. KENILWORTH AVENUE	 NOT TO SCALE	FIGURE	2
	CLIENT	VILLAGE OF VILLAGE PARK 20 S. ARDMORE AVE. VILLA PARK, ILLINOIS 60181		PROJECT NUMBER	T118108
				DATE	03/05/2018

TABLE I

Summary of Soil Analytical Results - Soil Characterization Sampling

Benzene, Ethylbenzene, Toluene and total Xylenes (BETX)

CLIENT: Village of Villa Park

SAMPLE DATE: February 26, 2018

SITE: South Michigan Avenue, Villa Park, Illinois 60181

LABORATORY: Prairie Analytical Systems, Inc.

PROJECT NUMBER: T118108

MATRIX: Soil

Analytical Method: EPA Method 5035A/8260B

Contaminant of Concern	Maximum Allowable Concentration (MAC) within a Metropolitan Statistical Area (MSA)		Sample ID	SB-4							
	Value	Objective	Sample Date	2/26/2018							
			Depth	3-5'	Soil Type	Silty Clay					
Benzene	0.03	MAC		< 0.00270							
Ethylbenzene	13	MAC		< 0.00270							
Toluene	12	MAC		0.00376							
Xylenes (total)	5.6	MAC		< 0.00810							

Notes:

Constituents that are not identified in 35 IAC 1100 Subpart F (MAC Table) are compared to the Metropolitan Statistical Area Background Concentration found in 35 IAC 742 Appendix A, Table H

< = Analyte not detected (i.e. less than RL or MDL)

All data reported in milligrams per kilogram (mg/kg) unless otherwise noted.

NA = This constituent was not analyzed.

NE = No remediation objective established by the IEPA for this constituent.

Bold identifies an exceedence of the referenced objective.



TABLE 2

Summary of Soil Analytical Results - Soil Characterization Sampling

Polynuclear Aromatic Hydrocarbons (PNAs)

CLIENT: Village of Villa Park

SAMPLE DATE: February 26, 2018

SITE: South Michigan Avenue, Villa Park, Illinois 60181

LABORATORY: PDC Laboratories, Inc.

PROJECT NUMBER: TII8108

MATRIX: Soil

Analytical Method: EPA Method 8270

Contaminant of Concern	Maximum Allowable Concentration (MAC) within a Metropolitan Statistical Area (MSA)		Sample ID	SB-4						
			Sample Date	2/26/2018						
	Value Objective		Depth	3-5'						
			Soil Type	Silty Clay						
Acenaphthene	570	MAC		< 0.348						
Anthracene	12000	MAC		< 0.348						
Benzo(a)anthracene	1.8	MAC		< 0.348						
Benzo(b)fluoranthene	2.1	MAC		< 0.348						
Benzo(k)fluoranthene	9.0	MAC		< 0.348						
Benzo(a)pyrene	2.1	MAC		< 0.0639						
Chrysene	88	MAC		< 0.348						
Dibenz(a,h)anthracene	0.42	MAC		< 0.0639						
Fluoranthene	3100	MAC		< 0.348						
Fluorene	560	MAC		< 0.348						
Indeno(1,2,3-cd)pyrene	1.6	MAC		< 0.348						
Naphthalene	1.8	MAC		< 0.348						
Pyrene	2300	MAC		< 0.348						

Notes:
 Constituents that are not identified in 35 IAC 1100 Subpart F (MAC Table) are compared to the Metropolitan Statistical Area Background Concentration found in 35 IAC 742 Appendix A, Table H
 < = Analyte not detected (i.e. less than RL or MDL)
 All data reported in milligrams per kilogram (mg/kg) unless otherwise noted.
 NA = This constituent was not analyzed.
 NE = No remediation objective established by the IEPA for this constituent.
 Bold identifies an exceedence of the referenced objective.



TABLE 3

Summary of Soil Analytical Results - Soil Characterization Sampling

Resource Conservation Recovery Act (RCRA) Metals & pH

CLIENT: Village of Villa Park

SAMPLE DATE: February 26, 2018

SITE: South Michigan Avenue, Villa Park, Illinois 60181

LABORATORY: PDC Laboratories, Inc.

PROJECT NUMBER: TI18108

MATRIX: Soil

Analytical Method: EPA Method 6010/6020

Contaminant of Concern	Maximum Allowable Concentration (MAC) within a Metropolitan Statistical Area (MSA)		Sample ID	SB-1	SB-3	SB-4	SB-4-5N				
			Sample Date	2/26/2018	2/26/2018	2/26/2018	3/23/2018				
			pH	8.8	8.2	9.1	8.1				
			6.25 ≤ pH ≤ 9.0	Yes	Yes	NO	Yes				
	Depth	5-7'	3-5'	3-5'	3-5'						
	Value	Objective	Soil Type	Silty Clay	Silty Clay	Silty Clay	Silty Clay				
Arsenic	13	MAC				8.87					
Barium	1,500	MAC				55.7					
Cadmium	5.2	MAC				0.54					
Chromium	21	MAC				18.9					
Lead	107	MAC				14.2					
Mercury	0.89	MAC				< 0.0886					
Selenium	1.3	MAC				< 0.554					
Silver	4.4	MAC				< 0.554					

Notes:

Constituents that are not identified in 35 IAC 1100 Subpart F (MAC Table) are compared to the Metropolitan Statistical Area Background Concentration found in 35 IAC 742 Appendix A, Table H

< = Analyte not detected (i.e. less than RL or MDL)

All data reported in milligrams per kilogram (mg/kg) unless otherwise noted.

NA = This constituent was not analyzed.

NE = No remediation objective established by the IEPA for this constituent.

Bold identifies an exceedence of the referenced objective.





PDC Laboratories, Inc.

Monday, March 5, 2018

Luis Torres Aguilera
True North Consultants
1000 East Warrenville Rd. #140
Naperville, IL 60563
TEL: (630) 717-2880
FAX: (630) 689-5881

RE: Soil Assessment: Michigan Ave

PDC WO: 18B0516

PDC Laboratories, Inc. received 4 sample(s) on 2/26/2018 for the analyses presented in the following report.

All applicable quality control procedures met method specific acceptance criteria unless otherwise noted.

This report shall not be reproduced, except in full, without the prior written consent of PDC Laboratories, Inc.

If you have any questions, please feel free to contact me at (217) 753-1148.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Kristen Potter", is written over a light blue horizontal line.

Kristen A. Potter
Project Manager

Certifications: NELAP/NELAC - IL #100323

1210 Capital Airport Drive	*	Springfield, IL 62707	*	1.217.753.1148	*	1.217.753.1152 Fax
9114 Virginia Road Suite #112	*	Lake in the Hills, IL 60156	*	1.847.651.2604	*	1.847.458.0538 Fax

LABORATORY RESULTS

Client: True North Consultants
Project: Soil Assessment: Michigan Ave
Client Sample ID: SB-1
Collection Date: 2/26/18 9:00

Lab Order: 18B0516
Lab ID: 18B0516-01
Matrix: Solid

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Conventional Chemistry Parameters									
*pH	8.8	0.010		pH Units	1	3/2/18 14:26	3/2/18 16:26	SW9045C R3	cdm

LABORATORY RESULTS

Client: True North Consultants
Project: Soil Assessment: Michigan Ave
Client Sample ID: SB-3
Collection Date: 2/26/18 10:00

Lab Order: 18B0516
Lab ID: 18B0516-03
Matrix: Solid

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Conventional Chemistry Parameters									
*pH	8.2	0.010		pH Units	1	3/2/18 14:26	3/2/18 16:26	SW9045C R3	cdm

LABORATORY RESULTS

Client: True North Consultants
 Project: Soil Assessment: Michigan Ave
 Client Sample ID: SB-4
 Collection Date: 2/26/18 10:15

Lab Order: 18B0516
 Lab ID: 18B0516-04
 Matrix: Solid

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Volatile Organic Compounds by GC-MS									
*Benzene	U	0.00270		mg/Kg dry	1	2/27/18 10:00	2/28/18 3:23	SW8260B R2	JKK
*Ethylbenzene	U	0.00270		mg/Kg dry	1	2/27/18 10:00	2/28/18 3:23	SW8260B R2	JKK
*Toluene	0.00376	0.00270		mg/Kg dry	1	2/27/18 10:00	2/28/18 3:23	SW8260B R2	JKK
*Xylenes (total)	U	0.00810		mg/Kg dry	1	2/27/18 10:00	2/28/18 3:23	SW8260B R2	JKK
Surrogate: 4-Bromofluorobenzene		84 %		75-120		2/27/18 10:00	2/28/18 3:23	SW8260B R2	JKK
Surrogate: 1,2-Dichloroethane-d4		102 %		75-119		2/27/18 10:00	2/28/18 3:23	SW8260B R2	JKK
Surrogate: Toluene-d8		107 %		78-114		2/27/18 10:00	2/28/18 3:23	SW8260B R2	JKK
Semi-Volatile Organic Compounds by GC-MS									
*Acenaphthene	U	0.348		mg/Kg dry	1	2/28/18 11:28	2/28/18 16:03	SW8270C R3	JKA
*Anthracene	U	0.348		mg/Kg dry	1	2/28/18 11:28	2/28/18 16:03	SW8270C R3	JKA
*Benzo(a)anthracene	U	0.348		mg/Kg dry	1	2/28/18 11:28	2/28/18 16:03	SW8270C R3	JKA
*Benzo(b)fluoranthene	U	0.348		mg/Kg dry	1	2/28/18 11:28	2/28/18 16:03	SW8270C R3	JKA
*Benzo(k)fluoranthene	U	0.348		mg/Kg dry	1	2/28/18 11:28	2/28/18 16:03	SW8270C R3	JKA
*Benzo(a)pyrene	U	0.0639		mg/Kg dry	1	2/28/18 11:28	2/28/18 16:03	SW8270C R3	JKA
*Chrysene	U	0.348		mg/Kg dry	1	2/28/18 11:28	2/28/18 16:03	SW8270C R3	JKA
*Dibenz(a,h)anthracene	U	0.0639		mg/Kg dry	1	2/28/18 11:28	2/28/18 16:03	SW8270C R3	JKA
*Fluoranthene	U	0.348		mg/Kg dry	1	2/28/18 11:28	2/28/18 16:03	SW8270C R3	JKA
*Fluorene	U	0.348		mg/Kg dry	1	2/28/18 11:28	2/28/18 16:03	SW8270C R3	JKA
*Indeno(1,2,3-cd)pyrene	U	0.348		mg/Kg dry	1	2/28/18 11:28	2/28/18 16:03	SW8270C R3	JKA
*Naphthalene	U	0.348		mg/Kg dry	1	2/28/18 11:28	2/28/18 16:03	SW8270C R3	JKA
*Pyrene	U	0.348		mg/Kg dry	1	2/28/18 11:28	2/28/18 16:03	SW8270C R3	JKA
Surrogate: 2-Fluorobiphenyl		58 %		38-122		2/28/18 11:28	2/28/18 16:03	SW8270C R3	JKA
Surrogate: Nitrobenzene-d5		67 %		45-136		2/28/18 11:28	2/28/18 16:03	SW8270C R3	JKA
Surrogate: 4-Terphenyl-d14		82 %		57-122		2/28/18 11:28	2/28/18 16:03	SW8270C R3	JKA
Metals by ICP-MS									
*Mercury	U	0.0886		mg/Kg dry	2	2/28/18 14:10	3/2/18 14:30	SW6020A R1	JTC
*Selenium	U	0.554		mg/Kg dry	2	2/28/18 14:10	3/2/18 14:30	SW6020A R1	JTC
*Silver	U	0.554		mg/Kg dry	2	2/28/18 14:10	3/2/18 14:30	SW6020A R1	JTC
Metals by ICP									
*Arsenic	8.87	0.554		mg/Kg dry	1	2/28/18 14:10	3/1/18 11:26	SW6010B R2	KSH
*Barium	55.7	0.277		mg/Kg dry	1	2/28/18 14:10	3/1/18 11:26	SW6010B R2	KSH
*Cadmium	0.540	0.277		mg/Kg dry	1	2/28/18 14:10	3/1/18 11:26	SW6010B R2	KSH
*Chromium	18.9	0.277		mg/Kg dry	1	2/28/18 14:10	3/1/18 11:26	SW6010B R2	KSH
*Lead	14.2	0.277		mg/Kg dry	1	2/28/18 14:10	3/1/18 11:26	SW6010B R2	KSH
Conventional Chemistry Parameters									
*pH	9.1	0.010		pH Units	1	3/2/18 14:26	3/2/18 16:26	SW9045C R3	cdm
Percent Solids	84.5	0.100		%	1	2/27/18 15:10	2/28/18 8:36	ASTM D2974	DMS

LABORATORY RESULTS

Client: True North Consultants
 Project: Soil Assessment: Michigan Ave

Lab Order: 18B0516

Volatile Organic Compounds by GC-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B001118 - SW 5035A VOA

Blank (B001118-BLK1)

Prepared & Analyzed: 02/27/2018

Benzene	U	0.00500	mg/Kg wet							
Ethylbenzene	U	0.00500	mg/Kg wet							
Toluene	U	0.00500	mg/Kg wet							
Xylenes (total)	U	0.0150	mg/Kg wet							
Surrogate: 4-Bromofluorobenzene	0.0443		mg/Kg wet	0.050000		89	75-120			
Surrogate: 1,2-Dichloroethane-d4	0.0556		mg/Kg wet	0.050000		111	75-119			
Surrogate: Toluene-d8	0.0490		mg/Kg wet	0.050000		98	78-114			

LCS (B001118-BS1)

Prepared & Analyzed: 02/27/2018

Benzene	0.0496	0.00500	mg/Kg wet	0.050000		99	80-130			
Ethylbenzene	0.0483	0.00500	mg/Kg wet	0.050000		97	77-132			
Toluene	0.0477	0.00500	mg/Kg wet	0.050000		95	80-130			
Xylenes (total)	0.149	0.0150	mg/Kg wet	0.15000		99	80-130			
Surrogate: 4-Bromofluorobenzene	0.0542		mg/Kg wet	0.050000		108	75-120			
Surrogate: 1,2-Dichloroethane-d4	0.0542		mg/Kg wet	0.050000		108	75-119			
Surrogate: Toluene-d8	0.0495		mg/Kg wet	0.050000		99	78-114			

Matrix Spike (B001118-MS1)

Source: 18B0487-01RE1

Prepared & Analyzed: 02/27/2018

Benzene	0.0713	0.00862	mg/Kg wet	0.086207	ND	83	50-140			
Ethylbenzene	0.0696	0.00862	mg/Kg wet	0.086207	ND	81	50-140			
Toluene	0.0828	0.00862	mg/Kg wet	0.086207	ND	96	55-135			
Xylenes (total)	0.212	0.0259	mg/Kg wet	0.25862	ND	82	60-130			
Surrogate: 4-Bromofluorobenzene	0.0733		mg/Kg wet	0.086207		85	75-120			
Surrogate: 1,2-Dichloroethane-d4	0.0984		mg/Kg wet	0.086207		114	75-119			
Surrogate: Toluene-d8	0.107		mg/Kg wet	0.086207		124	78-114			S

Matrix Spike Dup (B001118-MSD1)

Source: 18B0487-01RE1

Prepared & Analyzed: 02/27/2018

Benzene	0.0648	0.00799	mg/Kg wet	0.079872	ND	81	50-140	10	20	
Ethylbenzene	0.0559	0.00799	mg/Kg wet	0.079872	ND	70	50-140	22	20	R
Toluene	0.0694	0.00799	mg/Kg wet	0.079872	ND	87	55-135	18	20	
Xylenes (total)	0.167	0.0240	mg/Kg wet	0.23962	ND	70	60-130	23	20	R
Surrogate: 4-Bromofluorobenzene	0.0659		mg/Kg wet	0.079872		82	75-120			
Surrogate: 1,2-Dichloroethane-d4	0.0952		mg/Kg wet	0.079872		119	75-119			S
Surrogate: Toluene-d8	0.0949		mg/Kg wet	0.079872		119	78-114			S

LABORATORY RESULTS

Client: True North Consultants

Project: Soil Assessment: Michigan Ave

Lab Order: 18B0516

Semi-Volatile Organic Compounds by GC-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B001141 - SW 3550B PNA

Blank (B001141-BLK1)

Prepared & Analyzed: 02/28/2018

Acenaphthene	U	0.300	mg/Kg wet							
Anthracene	U	0.300	mg/Kg wet							
Benzo(a)anthracene	U	0.300	mg/Kg wet							
Benzo(b)fluoranthene	U	0.300	mg/Kg wet							
Benzo(k)fluoranthene	U	0.300	mg/Kg wet							
Benzo(a)pyrene	U	0.0550	mg/Kg wet							
Chrysene	U	0.300	mg/Kg wet							
Dibenz(a,h)anthracene	U	0.0550	mg/Kg wet							
Fluoranthene	U	0.300	mg/Kg wet							
Fluorene	U	0.300	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	U	0.300	mg/Kg wet							
Naphthalene	U	0.300	mg/Kg wet							
Pyrene	U	0.300	mg/Kg wet							
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>0.591</i>		<i>mg/Kg wet</i>	<i>0.66667</i>		<i>89</i>	<i>38-122</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>0.702</i>		<i>mg/Kg wet</i>	<i>0.66667</i>		<i>105</i>	<i>45-136</i>			
<i>Surrogate: 4-Terphenyl-d14</i>	<i>0.659</i>		<i>mg/Kg wet</i>	<i>0.66667</i>		<i>99</i>	<i>57-122</i>			

LCS (B001141-BS1)

Prepared & Analyzed: 02/28/2018

Acenaphthene	0.719	0.300	mg/Kg wet	0.66667		108	50-135			
Acenaphthylene	0.703	0.300	mg/Kg wet	0.66667		105	51-134			
Anthracene	0.644	0.300	mg/Kg wet	0.66667		97	52-117			
Benzo(a)anthracene	0.680	0.300	mg/Kg wet	0.66667		102	50-126			
Benzo(b)fluoranthene	0.717	0.300	mg/Kg wet	0.66667		108	57-134			
Benzo(k)fluoranthene	0.701	0.300	mg/Kg wet	0.66667		105	59-168			
Benzo(g,h,i)perylene	0.792	0.300	mg/Kg wet	0.66667		119	56-147			
Benzo(a)pyrene	0.660	0.0550	mg/Kg wet	0.66667		99	41-133			
Chrysene	0.609	0.300	mg/Kg wet	0.66667		91	52-127			
Dibenz(a,h)anthracene	0.720	0.0550	mg/Kg wet	0.66667		108	60-170			
Fluoranthene	0.728	0.300	mg/Kg wet	0.66667		109	57-130			
Fluorene	0.715	0.300	mg/Kg wet	0.66667		107	47-154			
Indeno(1,2,3-cd)pyrene	0.769	0.300	mg/Kg wet	0.66667		115	59-132			
Naphthalene	0.643	0.300	mg/Kg wet	0.66667		96	40-135			
Phenanthrene	0.669	0.300	mg/Kg wet	0.66667		100	54-126			
Pyrene	0.706	0.300	mg/Kg wet	0.66667		106	57-132			
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>0.530</i>		<i>mg/Kg wet</i>	<i>0.66667</i>		<i>80</i>	<i>38-122</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>0.672</i>		<i>mg/Kg wet</i>	<i>0.66667</i>		<i>101</i>	<i>45-136</i>			
<i>Surrogate: 4-Terphenyl-d14</i>	<i>0.621</i>		<i>mg/Kg wet</i>	<i>0.66667</i>		<i>93</i>	<i>57-122</i>			

LABORATORY RESULTS

Client: True North Consultants

Project: Soil Assessment: Michigan Ave

Lab Order: 18B0516

Metals by ICP-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B001147 - SW 3050B Metals

Blank (B001147-BLK1)

Prepared: 02/28/2018 Analyzed: 03/01/2018

Mercury	U	0.0800	mg/Kg wet							
Selenium	U	0.500	mg/Kg wet							
Silver	U	0.500	mg/Kg wet							

LCS (B001147-BS1)

Prepared: 02/28/2018 Analyzed: 03/01/2018

Mercury	0.957	0.0800	mg/Kg wet	1.0000		96	80-120			
Selenium	23.8	0.500	mg/Kg wet	25.000		95	80-120			
Silver	2.62	0.500	mg/Kg wet	2.5000		105	80-120			

Matrix Spike (B001147-MS1)

Source: 18B0545-03

Prepared: 02/28/2018 Analyzed: 03/01/2018

Mercury	2.20	0.0932	mg/Kg dry	1.1647	0.649	133	75-125			S
Selenium	27.8	0.582	mg/Kg dry	29.118	0.455	94	75-125			
Silver	2.51	0.582	mg/Kg dry	2.9118	ND	86	75-125			

Matrix Spike Dup (B001147-MSD1)

Source: 18B0545-03

Prepared: 02/28/2018 Analyzed: 03/01/2018

Mercury	2.19	0.0933	mg/Kg dry	1.1659	0.649	132	75-125	0.2	20	S
Selenium	27.2	0.583	mg/Kg dry	29.147	0.455	92	75-125	2	20	
Silver	2.50	0.583	mg/Kg dry	2.9147	ND	86	75-125	0.4	20	

LABORATORY RESULTS

Client: True North Consultants
Project: Soil Assessment: Michigan Ave

Lab Order: 18B0516

Metals by ICP - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B001146 - SW 3050B Metals

Blank (B001146-BLK1)

Prepared: 02/28/2018 Analyzed: 03/01/2018

Arsenic	U	0.500	mg/Kg wet							
Barium	U	0.250	mg/Kg wet							
Cadmium	U	0.250	mg/Kg wet							
Chromium	U	0.250	mg/Kg wet							
Lead	U	0.250	mg/Kg wet							

LCS (B001146-BS1)

Prepared: 02/28/2018 Analyzed: 03/01/2018

Arsenic	25.9	0.500	mg/Kg wet	25.000		103	80-120			
Barium	25.9	0.250	mg/Kg wet	25.000		104	80-120			
Cadmium	25.5	0.250	mg/Kg wet	25.000		102	80-120			
Chromium	26.4	0.250	mg/Kg wet	25.000		106	80-120			
Lead	25.5	0.250	mg/Kg wet	25.000		102	80-120			

Matrix Spike (B001146-MS1)

Source: 18B0545-03

Prepared: 02/28/2018 Analyzed: 03/01/2018

Arsenic	32.6	0.582	mg/Kg dry	29.118	7.40	87	75-125			
Barium	78.8	0.291	mg/Kg dry	29.118	41.1	129	75-125			S
Cadmium	26.1	0.291	mg/Kg dry	29.118	0.850	87	75-125			
Chromium	37.6	0.291	mg/Kg dry	29.118	10.1	95	75-125			
Lead	166	0.291	mg/Kg dry	29.118	95.2	243	75-125			E, S

Matrix Spike Dup (B001146-MSD1)

Source: 18B0545-03

Prepared: 02/28/2018 Analyzed: 03/01/2018

Arsenic	33.9	0.583	mg/Kg dry	29.147	7.40	91	75-125	4	20	
Barium	73.2	0.291	mg/Kg dry	29.147	41.1	110	75-125	7	20	
Cadmium	25.9	0.291	mg/Kg dry	29.147	0.850	86	75-125	0.8	20	
Chromium	36.9	0.291	mg/Kg dry	29.147	10.1	92	75-125	2	20	
Lead	110	0.291	mg/Kg dry	29.147	95.2	50	75-125	41	20	R, S

LABORATORY RESULTS

Client: True North Consultants

Project: Soil Assessment: Michigan Ave

Lab Order: 18B0516

Conventional Chemistry Parameters - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B001117 - ASTM D2974 Solids

Blank (B001117-BLK1)

Prepared: 02/27/2018 Analyzed: 02/28/2018

Percent Solids U 0.100 %

Duplicate (B001117-DUP1)

Source: 18B0447-01

Prepared: 02/27/2018 Analyzed: 02/28/2018

Percent Solids 93.9 0.100 % 93.7 0.2 20

Batch B001201 - SW 9045C pH

Duplicate (B001201-DUP1)

Source: 18B0539-02

Prepared & Analyzed: 03/02/2018

pH 6.7 0.010 pH Units 6.6 0.8 5

LABORATORY RESULTS

Client: True North Consultants
Project: Soil Assessment: Michigan Ave

Lab Order: 18B0516

Notes and Definitions

- S Spike recovery outside acceptance limits.
- R RPD outside acceptance limits.
- E Result above quantitation range.
- * NELAC certified compound.
- U Analyte not detected (i.e. less than RL or MDL).



PDC Laboratories, Inc.

Tuesday, March 27, 2018

Leslie Schroeder
True North Consultants
1000 East Warrenville Rd. #140
Naperville, IL 60563
TEL: (630) 717-2880
FAX: (630) 689-5881

RE: Michigan Ave & Central Ave Villa Park, IL

PDC WO: 18C0530

PDC Laboratories, Inc. received 1 sample(s) on 3/26/2018 for the analyses presented in the following report.

All applicable quality control procedures met method specific acceptance criteria unless otherwise noted.

This report shall not be reproduced, except in full, without the prior written consent of PDC Laboratories, Inc.

If you have any questions, please feel free to contact me at (217) 753-1148.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Kristen Potter", is written over a light blue horizontal line.

Kristen A. Potter
Project Manager

Certifications: NELAP/NELAC - IL #100323

1210 Capital Airport Drive	*	Springfield, IL 62707	*	1.217.753.1148	*	1.217.753.1152 Fax
9114 Virginia Road Suite #112	*	Lake in the Hills, IL 60156	*	1.847.651.2604	*	1.847.458.0538 Fax

LABORATORY RESULTS

Client: True North Consultants

Project: Michigan Ave & Central Ave Villa Park, IL

Lab Order: 18C0530

Client Sample ID: SB-4-5N

Lab ID: 18C0530-01

Collection Date: 3/23/18 12:30

Matrix: Solid

<u>Analyses</u>	<u>Result</u>	<u>Limit</u>	<u>Qual</u>	<u>Units</u>	<u>DF</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Method</u>	<u>Analyst</u>
Conventional Chemistry Parameters									
*pH	8.1	0.010		pH Units	1	3/27/18 11:25	3/27/18 15:56	SW9045C R3	CDM

LABORATORY RESULTS

Client: True North Consultants

Project: Michigan Ave & Central Ave Villa Park, IL

Lab Order: 18C0530

Conventional Chemistry Parameters - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B001660 - SW 9045C pH

Duplicate (B001660-DUP1)

Source: 18C0563-01

Prepared & Analyzed: 03/27/2018

pH	8.4	0.010	pH Units		8.4			0.2	5	
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LABORATORY RESULTS

Client: True North Consultants

Project: Michigan Ave & Central Ave Villa Park, IL

Lab Order: 18C0530

Notes and Definitions

* NELAC certified compound.

U Analyte not detected (i.e. less than RL or MDL).

Chain of Custody Record

Phone: (847)-651-2604
 FAX: (847) 458-9680

PDC Laboratories, Inc.

9114 Virginia Road Suite 112
 Lake in the Hills, IL 60156



Client		True North Consultants					Analysis and/or Method Requested								Reporting		
Address		1000 East Warrenville Rd. #140													pH		CCDD
City, State, Zip Code		Naperville, Illinois 60563					CALM		<input type="checkbox"/> A <input type="checkbox"/> D <input type="checkbox"/> B <input type="checkbox"/> E <input type="checkbox"/> C <input type="checkbox"/> F								
Phone / Facsimile		630.717.2880/630.689.5881							RISC		<input type="checkbox"/> Resid <input type="checkbox"/> Indust						
Project Name / Number		Michigan Avenue									Sampler Comments						
Project Location		Michigan Avenue & Central Avenue, Villa Park, IL															
P.O. # or Invoice To		T118108															
Contact Person		J. Reed, S. Brady, B. Mihelich, L. Schroeder															
Sample Description		Sampling		Matrix	Preserv	No. of	Sample Type										
		Date	Time	S	Code	Containers	Comp	Grab									
SB-4-5N		3/23/2018	1230	S	0	1		X	X								
Matrix Code		A - Aqueous		DW - Drinking Water		GW - Ground Water		NA - Non-Aqueous Liquid		S - Solid		O - Oil		X - Other (Specify)			
Preserv Code		0 - None		1 - HCl		2 - H2SO4		3 - HNO3		4 - NaOH		5 - 5035 Kit		X - Other (Specify)			
Relinquished By			Date	Time	Received By			Date	Time	Method of Shipment							
<i>[Signature]</i>			3/23/18	1450	<i>[Signature]</i>			3/23/18	1450								
<i>[Signature]</i>			3/23/18	1700	<i>[Signature]</i>			3-24-18	8:55	H-1							
Special Instructions:								Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>		QC Level		On wet ice?		Temperature (°C)			
								Date Required:		<input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		2.6			

Page 5 of 5



STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY
NELAP - RECOGNIZED
ENVIRONMENTAL LABORATORY ACCREDITATION

is hereby granted to

PDC- SPRINGFIELD
1210 CAPITAL AIRPORT DRIVE
SPRINGFIELD, IL 62707-8413
NELAP ACCREDITED
ACCREDITATION NUMBER #100323



According to the Illinois Administrative Code, Title 35, Subtitle A, Chapter II, Part 186, ACCREDITATION OF LABORATORIES FOR DRINKING WATER, WASTEWATER AND HAZARDOUS WASTES ANALYSIS, the State of Illinois formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed below.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part 186 requirements and acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part 186. Please contact the Illinois EPA Environmental Laboratory Accreditation Program (IL ELAP) to verify the laboratory's scope of accreditation and accreditation status. Accreditation by the State of Illinois is not an endorsement or a guarantee of validity of the data generated by the laboratory.

Celeste M. Crowley

John D. South

Celeste M. Crowley
 Acting Manager
 Environmental Laboratory Accreditation Program

John South
 Accreditation Officer
 Environmental Laboratory Accreditation Program

Certificate No.: 004302
 Expiration Date: 01/31/2019
 Issued On: 02/09/2018

State of Illinois Environmental Protection Agency

Certificate No.: 004302

Awards the Certificate of Approval to:

PDC- Springfield
1210 Capital Airport Drive
Springfield, IL 62707-8413

According to the Illinois Administrative Code, Title 35, Subtitle A, Chapter II, Part 186, ACCREDITATION OF LABORATORIES FOR DRINKING WATER, WASTEWATER AND HAZARDOUS WASTES ANALYSIS, the State of Illinois formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed below.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part 186 requirements and acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part 186. Please contact the Illinois EPA Environmental Laboratory Accreditation Program (IL ELAP) to verify the laboratory's scope of accreditation and accreditation status. Accreditation by the State of Illinois is not an endorsement or a guarantee of validity of the data generated by the laboratory.

FOT Name: Drinking Water, Inorganic

Method: SM2320B,18Ed

Matrix Type: Potable Water

Alkalinity

Method: SM2340B,18Ed

Matrix Type: Potable Water

Hardness

Method: SM4110B,18Ed

Matrix Type: Potable Water

Chloride

Fluoride

Nitrate

Nitrite

Orthophosphate as P

Sulfate

Method: SM4500CN-E,18Ed

Matrix Type: Potable Water

Cyanide

Method: SM4500H-B,18Ed

Matrix Type: Potable Water

Hydrogen ion (pH)

Method: SM5310C,20Ed

Matrix Type: Potable Water

Total Organic Carbon (TOC)

Method: USEPA150.1

Matrix Type: Potable Water

Hydrogen ion (pH)

Method: USEPA200.7R4.4

Matrix Type: Potable Water

Aluminum

Arsenic

Barium

Beryllium

Cadmium

Calcium

Chromium

Copper

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FOT Name: Drinking Water, Inorganic

Method: USEPA200.7R4.4

Matrix Type: Potable Water

Iron	Hardness (calc.)
Manganese	Magnesium
Silver	Nickel
Zinc	Sodium

Method: USEPA200.8R5.4

Matrix Type: Potable Water

Aluminum	Antimony
Arsenic	Barium
Beryllium	Cadmium
Chromium	Copper
Lead	Manganese
Mercury	Molybdenum
Nickel	Selenium
Silver	Thallium
Zinc	

Method: USEPA245.2

Matrix Type: Potable Water

Mercury

Method: USEPA300.0R2.1

Matrix Type: Potable Water

Chloride	Fluoride
Nitrate	Nitrite
Orthophosphate as P	Sulfate

FOT Name: Drinking Water, Organic

Method: USEPA524.2R4.1

Matrix Type: Potable Water

1,1,1-Trichloroethane	1,1,2-Trichloroethane
1,1-Dichloroethene	1,2-Dichlorobenzene
1,2-Dichloroethane	1,2-Dichloropropane
1,4-Dichlorobenzene	Benzene
Bromodichloromethane	Bromoform
Carbon tetrachloride	Chlorobenzene
Chlorodibromomethane	Chloroform

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FOT Name: Drinking Water, Organic

Method: USEPA524.2R4.1

Matrix Type: Potable Water

Dichloromethane (Methylene chloride)
Methyl tert-butyl ether (MTBE)
Styrene
Toluene
trans-1,2-Dichloroethene
Vinyl chloride

cis-1,2-Dichloroethene
Ethylbenzene
Naphthalene
Tetrachloroethene
Total trihalomethanes
Trichloroethylene
Xylenes (total)

FOT Name: Non Potable Water, Inorganic

Method: SM2130B,2001

Matrix Type: NPW/SCM

Turbidity

Method: SM2310B,1997

Matrix Type: NPW/SCM

Acidity

Method: SM2320B,1997

Matrix Type: NPW

Alkalinity

Method: SM2340B,1997

Matrix Type: NPW

Hardness

Method: SM2540B,1997

Matrix Type: NPW

Residue (Total)

Method: SM2540C,1997

Matrix Type: NPW

Residue (TDS)

Method: SM2540D,1997

Matrix Type: NPW

Residue (TSS)

Method: SM3500Cr-B,2009

Matrix Type: NPW/SCM

Chromium VI

Method: SM4110B,2000

Matrix Type: NPW/SCM

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FOT Name: Non Potable Water, Inorganic

Method: SM4110B,2000

Matrix Type: NPW/SCM

Chloride
 Nitrate
 Nitrite
 Sulfate

Bromide
 Fluoride
 Nitrate-Nitrite (as N)
 Orthophosphate (as P)

Method: SM4500CI-G,2000

Matrix Type: NPW

Chlorine, Total Residual

Method: SM4500CN-E,1999

Matrix Type: NPW

Cyanide

Method: SM4500H-B,2000

Matrix Type: NPW

Hydrogen Ion (pH)

Method: SM4500NH3-D,1997

Matrix Type: NPW/SCM

Ammonia

Total Kjeldahl Nitrogen

Method: SM4500NH3-G,1997

Matrix Type: NPW

Ammonia

Method: SM4500O-G,2001

Matrix Type: NPW

Oxygen - Dissolved

Method: SM4500P-E,1999

Matrix Type: NPW

Orthophosphate (as P)

Phosphorus

Method: SM4500P-F,1999

Matrix Type: NPW

Orthophosphate (as P)

Method: SM4500S2-F,2000

Matrix Type: NPW/SCM

Sulfide

Method: SM5210B,2001

Matrix Type: NPW

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Certificate No.: 004302

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Springfield, IL 62707-8413

FOT Name: Non Potable Water, Inorganic

Method: SM5210B,2001

Matrix Type: NPW

Biochemical Oxygen Demand (BOD)

Matrix Type: NPW/SCM

Carbonaceous Biochemical Oxygen Demand (CBOI)

Method: SM5220D,1997

Matrix Type: NPW

Chemical Oxygen Demand (COD)

Method: SM5310C,2000

Matrix Type: NPW

Total Organic Carbon (TOC)

Method: USEPA160.4,1971

Matrix Type: NPW

Residue (Volatile)

Method: USEPA1664A

Matrix Type: NPW

Oil and Grease

Method: USEPA180.1R2.0,1993

Matrix Type: NPW

Turbidity

Method: USEPA200.7,1994

Matrix Type: NPW/SCM

Aluminum

Antimony

Arsenic

Barium

Beryllium

Cadmium

Calcium

Chromium

Cobalt

Copper

Iron

Lead

Magnesium

Manganese

Molybdenum

Nickel

Potassium

Selenium

Silver

Sodium

Thallium

Tin

Titanium

Vanadium

Zinc

Method: USEPA200.8,1994

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PDC- Springfield
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Springfield, IL 62707-8413

FOT Name: Non Potable Water, Inorganic

Method: USEPA200.8,1994

Matrix Type: NPW/SCM

Aluminum	Antimony
Arsenic	Barium
Beryllium	Boron
Cadmium	Calcium
Chromium	Cobalt
Copper	Iron
Lead	Magnesium
Manganese	Molybdenum
Nickel	Potassium
Selenium	Silver
Sodium	Thallium
Tin	Titanium
Vanadium	Zinc

Method: USEPA245.2,1974

Matrix Type: NPW/SCM

Mercury

Method: USEPA300.0R2.1,1993

Matrix Type: NPW

Bromide	Chloride
Fluoride	Nitrate
Nitrate-Nitrite (as N)	Nitrite
Orthophosphate (as P)	Sulfate

Method: USEPA350.1R2.0,1993

Matrix Type: NPW

Ammonia

Method: USEPA365.1R2.0,1993

Matrix Type: NPW

Orthophosphate (as P)

Method: USEPA410.4R2.0,1993

Matrix Type: NPW

Chemical Oxygen Demand (COD)

Method: USEPA420.1,1978

Matrix Type: NPW

**State of Illinois
Environmental Protection Agency**

Certificate No.: 004302

Awards the Certificate of Approval

PDC- Springfield
1210 Capital Airport Drive
Springfield, IL 62707-8413

FOT Name: Non Potable Water, Inorganic

Method: USEPA420.1,1978

Matrix Type: NPW

Phenolics

Method: USEPA420.4R1.0,1993

Matrix Type: NPW

Phenolics

FOT Name: Solid and Chemical Materials, Inorganic

Method: 1010A

Matrix Type: NPW/SCM

Ignitability

Method: 1311

Matrix Type: SCM

TCLP (Organic and Inorganic)

Method: 1312

Matrix Type: SCM

Synthetic Precipitation Leaching Procedure

Method: 6010B

Matrix Type: NPW/SCM

Antimony

Arsenic

Barium

Beryllium

Cadmium

Calcium

Chromium

Cobalt

Copper

Iron

Lead

Magnesium

Manganese

Molybdenum

Nickel

Potassium

Selenium

Silver

Sodium

Strontium

Thallium

Tin

Titanium

Vanadium

Zinc

Method: 6020A

Matrix Type: NPW/SCM

Aluminum

Antimony

Arsenic

Barium

Beryllium

Boron

State of Illinois
Environmental Protection Agency
Awards the Certificate of Approval

Certificate No.: 004302

PDC- Springfield
1210 Capital Airport Drive
Springfield, IL 62707-8413

FOT Name: Solid and Chemical Materials, Inorganic

Method: 6020A

Matrix Type: NPW/SCM

Calcium
Cobalt
Iron
Magnesium
Mercury
Nickel
Selenium
Sodium
Vanadium

Cadmium
Chromium
Copper
Lead
Manganese
Molybdenum
Potassium
Silver
Thallium
Zinc

Method: 7196A

Matrix Type: NPW/SCM

Chromium VI

Method: 7470A

Matrix Type: NPW

Mercury

Method: 7471B

Matrix Type: SCM

Mercury

Method: 9014

Matrix Type: NPW/SCM

Cyanide

Method: 9034

Matrix Type: NPW/SCM

Sulfides

Method: 9040B

Matrix Type: NPW

Hydrogen Ion (pH)

Method: 9040C

Matrix Type: NPW

Hydrogen Ion (pH)

Method: 9045C

Matrix Type: SCM

Hydrogen Ion (pH)

State of Illinois
Environmental Protection Agency
Awards the Certificate of Approval

Certificate No.: 004302

PDC- Springfield
1210 Capital Airport Drive
Springfield, IL 62707-8413

FOT Name: Solid and Chemical Materials, Inorganic

Method: 9045D

Matrix Type: SCM

Hydrogen Ion (pH)

Method: 9056A

Matrix Type: NPW/SCM

Bromide

Chloride

Fluoride

Nitrate

Nitrite

Phosphate

Sulfate

Method: 9065

Matrix Type: NPW/SCM

Phenolics

Method: 9081

Matrix Type: NPW/SCM

Cation-exchange Capacity

Method: 9095A

Matrix Type: NPW/SCM

Paint Filter

FOT Name: Solid and Chemical Materials, Organic

Method: 8015B

Matrix Type: NPW/SCM

Diesel range organics (DRO)

Gasoline range organics (GRO)

Method: 8081A

Matrix Type: NPW/SCM

4,4'-DDD

4,4'-DDE

4,4'-DDT

Aldrin

alpha-BHC

alpha-Chlordane

beta-BHC

Chlordane - not otherwise specified

delta-BHC

Dieldrin

Endosulfan I

Endosulfan II

Endosulfan sulfate

Endrin

Endrin aldehyde

Endrin ketone

gamma-BHC (Lindane)

gamma-Chlordane

Heptachlor

Heptachlor epoxide

Methoxychlor

Toxaphene

State of Illinois
Environmental Protection Agency
Awards the Certificate of Approval

Certificate No.: 004302

PDC- Springfield
 1210 Capital Airport Drive
 Springfield, IL 62707-8413

FOT Name: Solid and Chemical Materials, Organic

Method: 8082

Matrix Type: NPW/SCM

PCB-1016
 PCB-1232
 PCB-1248
 PCB-1260

PCB-1221
 PCB-1242
 PCB-1254

Method: 8260B

Matrix Type: NPW/SCM

1,1,1,2-Tetrachloroethane
 1,1,2,2-Tetrachloroethane
 1,1-Dichloroethane
 1,1-Dichloropropene
 1,2,3-Trichloropropane
 1,2,4-Trimethylbenzene
 1,2-Dibromoethane (EDB)
 1,2-Dichloroethane
 1,3,5-Trimethylbenzene
 1,3-Dichloropropane
 2,2-Dichloropropane
 2-Chloroethyl vinyl ether
 2-Hexanone
 4-Methyl-2-pentanone (Methyl isobutyl ketone, MIBK)
 Acetonitrile
 Acrylonitrile
 Bromobenzene
 Bromodichloromethane
 Carbon disulfide
 Chlorobenzene
 Chloroethane
 Chloromethane
 Dichlorodifluoromethane
 Ethylbenzene
 Isopropylbenzene
 Naphthalene
 n-Propylbenzene
 sec-Butylbenzene

1,1,1-Trichloroethane
 1,1,2-Trichloroethane
 1,1-Dichloroethene
 1,2,3-Trichlorobenzene
 1,2,4-Trichlorobenzene
 1,2-Dibromo-3-chloropropane (DBCP)
 1,2-Dichlorobenzene
 1,2-Dichloropropane
 1,3-Dichlorobenzene
 1,4-Dichlorobenzene
 2-Butanone (Methyl ethyl ketone, MEK)
 2-Chlorotoluene
 4-Chlorotoluene
 Acetone
 Acrolein (Propenal)
 Benzene
 Bromochloromethane
 Bromoform
 Carbon tetrachloride
 Chlorodibromomethane (Dibromochloromethane)
 Chloroform
 cis-1,2-Dichloroethene
 Dichloromethane (Methylene chloride)
 Hexachlorobutadiene
 Methyl-t-butyl ether
 n-Butylbenzene
 p-Isopropyltoluene
 Styrene

State of Illinois
Environmental Protection Agency
Awards the Certificate of Approval

Certificate No.: 004302

PDC- Springfield
1210 Capital Airport Drive
Springfield, IL 62707-8413

FOT Name: Solid and Chemical Materials, Organic

Method: 8260B

Matrix Type: NPW/SCM

Tetrachloroethene
trans-1,2-Dichloroethene
Trichlorofluoromethane
Vinyl chloride

tert-Butylbenzene
Toluene
Trichloroethene
Vinyl acetate
Xylenes (Total)

Method: 8270C

Matrix Type: NPW/SCM

1,2,4-Trichlorobenzene
1,3-Dichlorobenzene
2,2-Oxybis (1-chloropropane)
2,4,6-Trichlorophenol
2,4-Dimethylphenol
2,4-Dinitrotoluene (2,4-DNT)
2-Chloronaphthalene
2-Methylnaphthalene
2-Nitroaniline
3,3'-Dichlorobenzidine
4,6-Dinitro-2-methylphenol
4-Chloro-3-methylphenol
4-Chlorophenyl phenyl ether
4-Nitroaniline
Acenaphthene
Anthracene
Benzo(a)pyrene
Benzo(g,h,i)perlyene
Bis(2-chloroethoxy) methane
Bis(2-ethylhexyl) phthalate
Carbazole
Chlorobenzilate
Dibenz(a,h)anthracene
Diethyl phthalate
Di-n-butyl phthalate
Fluoranthene
Hexachlorobenzene
Hexachlorocyclopentadiene

1,2-Dichlorobenzene
1,4-Dichlorobenzene
2,4,5-Trichlorophenol
2,4-Dichlorophenol
2,4-Dinitrophenol
2,6-Dinitrotoluene (2,6-DNT)
2-Chlorophenol
2-Methylphenol (o-Cresol)
2-Nitrophenol
3-Nitroaniline
4-Bromophenyl phenyl ether
4-Chloroaniline
4-Methylphenol (p-Cresol)
4-Nitrophenol
Acenaphthylene
Benzo(a)anthracene
Benzo(b)fluoranthene
Benzo(k)fluoranthene
Bis(2-chloroethyl) ether
Butyl benzyl phthalate
Carbofuran (Furaden)
Chrysene
Dibenzofuran
Dimethyl phthalate
Di-n-octyl phthalate
Fluorene
Hexachlorobutadiene
Hexachloroethane

State of Illinois
Environmental Protection Agency
Awards the Certificate of Approval

Certificate No.: 004302

PDC- Springfield
1210 Capital Airport Drive
Springfield, IL 62707-8413

FOT Name: Solid and Chemical Materials, Organic

Method: 8270C

Matrix Type: NPW/SCM

Isophorone
Nitrobenzene
N-Nitrosodi-n-propylamine
o-Cresol (2-Methylphenol)
Pentachlorophenol
Phenol

Indeno(1,2,3-cd) pyrene
Naphthalene
N-Nitrosodimethylamine
N-Nitrosodiphenylamine
p-Cresol (4-Methylphenol)
Phenanthrene
Pyrene

Method: 8270C Mod_Farm Chemicals

Matrix Type: NPW/SCM

Acetochlor
Atrazine
Chlorpyrifos
EPTC
Metribuzin
Prometon
Terbufos

Alachlor
Butylate
Cyanazine
Metolachlor
Pendimethalin
Simazine
Trifluralin

Method: 8321B

Matrix Type: NPW/SCM

2,4,5-T
2,4-D
Aldicarb (Temik)
Dalapon
Dinoseb
MCPA

2,4,5-TP (Silvex)
2,4-DB
Carbofuran (Furaden)
Dicamba
MCPA
Oxamyl

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES



DATABASE REPORT

Project Property: TNC - T18-025
300 S Michigan Ave
Villa Park IL 60181

Project No: T18-025

Report Type: Screen Report Plus

Order No: 20180118331

Requested by: Bluff City Materials, Inc

Date Completed: January 18, 2018

**Environmental Risk
Information Services**
A division of Glacier Media Inc.
P: 1.866.517.5204
E: info@erisinfo.com

www.erisinfo.com

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Executive Summary

Property Information:

Project Property: TNC - T18-025
300 S Michigan Ave Villa Park IL 60181

Project No: T18-025

Coordinates:

Latitude: 41.885181
Longitude: -87.985491
UTM Northing: 4,637,497.57
UTM Easting: 418,236.99
UTM Zone: UTM Zone 16T

Elevation: 715 FT

Order Information:

Order No: 20180118331
Date Requested: January 18, 2018
Requested by: Bluff City Materials, Inc
Report Type: Screen Report Plus

Historicals/Products:

ERIS Xplorer [Data and Historical Layer Viewer](#)
Excel Add-On Excel Add-On

Executive Summary: Report Summary

<i>Database</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.250mi</i>	<i>Total</i>
<u>Standard Environmental Records</u>				
Federal				
NPL	Y	0	0	0
PROPOSED NPL	Y	0	0	0
DELETED NPL	Y	0	0	0
SEMS	Y	0	0	0
SEMS ARCHIVE	Y	0	0	0
CERCLIS	Y	0	0	0
CERCLIS NFRAP	Y	0	0	0
CERCLIS LIENS	Y	0	0	0
RCRA CORRACTS	Y	0	0	0
RCRA TSD	Y	0	0	0
RCRA LQG	Y	0	0	0
RCRA SQG	Y	0	0	0
RCRA CESQG	Y	0	0	0
RCRA NON GEN	Y	0	0	0
FED ENG	Y	0	0	0
FED INST	Y	0	0	0
ERNS 1982 TO 1986	Y	0	0	0
ERNS 1987 TO 1989	Y	0	0	0
ERNS	Y	0	0	0
FED BROWNFIELDS	Y	0	0	0
FEMA UST	Y	0	0	0
SEMS LIEN	Y	0	0	0
State				
SSU	Y	0	0	0
DELISTED SSU	Y	0	0	0
SWF/LF	Y	0	0	0
SWF/LF SPECIAL	Y	0	0	0

Database	Searched	Project Property	Within 0.250mi	Total
NIPC	Y	0	0	0
CCDD	Y	0	0	0
LUST	Y	0	0	0
DELISTED LUST	Y	0	0	0
LUST TRUST	Y	0	0	0
UST	Y	0	0	0
AST	Y	0	0	0
DELISTED TANK	Y	0	0	0
ENG CONTROL	Y	0	0	0
INST CONTROL	Y	0	0	0
SRP	Y	0	0	0
BROWNFIELDS	Y	0	0	0
BROWN MBRGP	Y	0	0	0

Tribal

INDIAN LUST	Y	0	0	0
INDIAN UST	Y	0	0	0
DELISTED ILST	Y	0	0	0
DELISTED IUST	Y	0	0	0

County

No County standard environmental record sources available for this State.

Additional Environmental Records

Federal

FINDS/FRS	Y	0	1	1
TRIS	Y	0	0	0
HMIRS	Y	0	0	0
NCDL	Y	0	0	0
ODI	Y	0	0	0
IODI	Y	0	0	0
TSCA	Y	0	0	0
HIST TSCA	Y	0	0	0
FTTS ADMIN	Y	0	0	0
FTTS INSP	Y	0	0	0
PRP	Y	0	0	0
SCRD DRYCLEANER	Y	0	0	0
ICIS	Y	0	1	1
FED DRYCLEANERS	Y	0	0	0
DELISTED FED DRY	Y	0	0	0
FUDS	Y	0	0	0
MLTS	Y	0	0	0

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev Diff (ft)</i>	<i>Page Number</i>
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No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev Diff (ft)</i>	<i>Page Number</i>
1	FINDS/FRS	ARDMORE ELEMENTARY SCHOOL	225 S HARVARD AVE VILLA PARK IL 60181	ESE	0.09 / 457.19	-11	13
1	ICIS	ARDMORE ELEMENTARY SCHOOL	225 S HARVARD AVE VILLA PARK IL 60181	ESE	0.09 / 457.19	-11	13
2	SPILLS	DENNIS LANDEEN	151 West Park Avenue VILLA PARK IL <i>Incident No:</i> 891690	SE	0.23 / 1,222.61	-10	14

Executive Summary: Summary by Data Source

Non Standard

Federal

FINDS/FRS - Facility Registry Service/Facility Index

A search of the FINDS/FRS database, dated Sep 06, 2017 has found that there are 1 FINDS/FRS site(s) within approximately 0.02 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
ARDMORE ELEMENTARY SCHOOL	225 S HARVARD AVE VILLA PARK IL 60181	ESE	0.09 / 457.19	1

ICIS - Integrated Compliance Information System (ICIS)

A search of the ICIS database, dated Nov 18, 2016 has found that there are 1 ICIS site(s) within approximately 0.02 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
ARDMORE ELEMENTARY SCHOOL	225 S HARVARD AVE VILLA PARK IL 60181	ESE	0.09 / 457.19	1

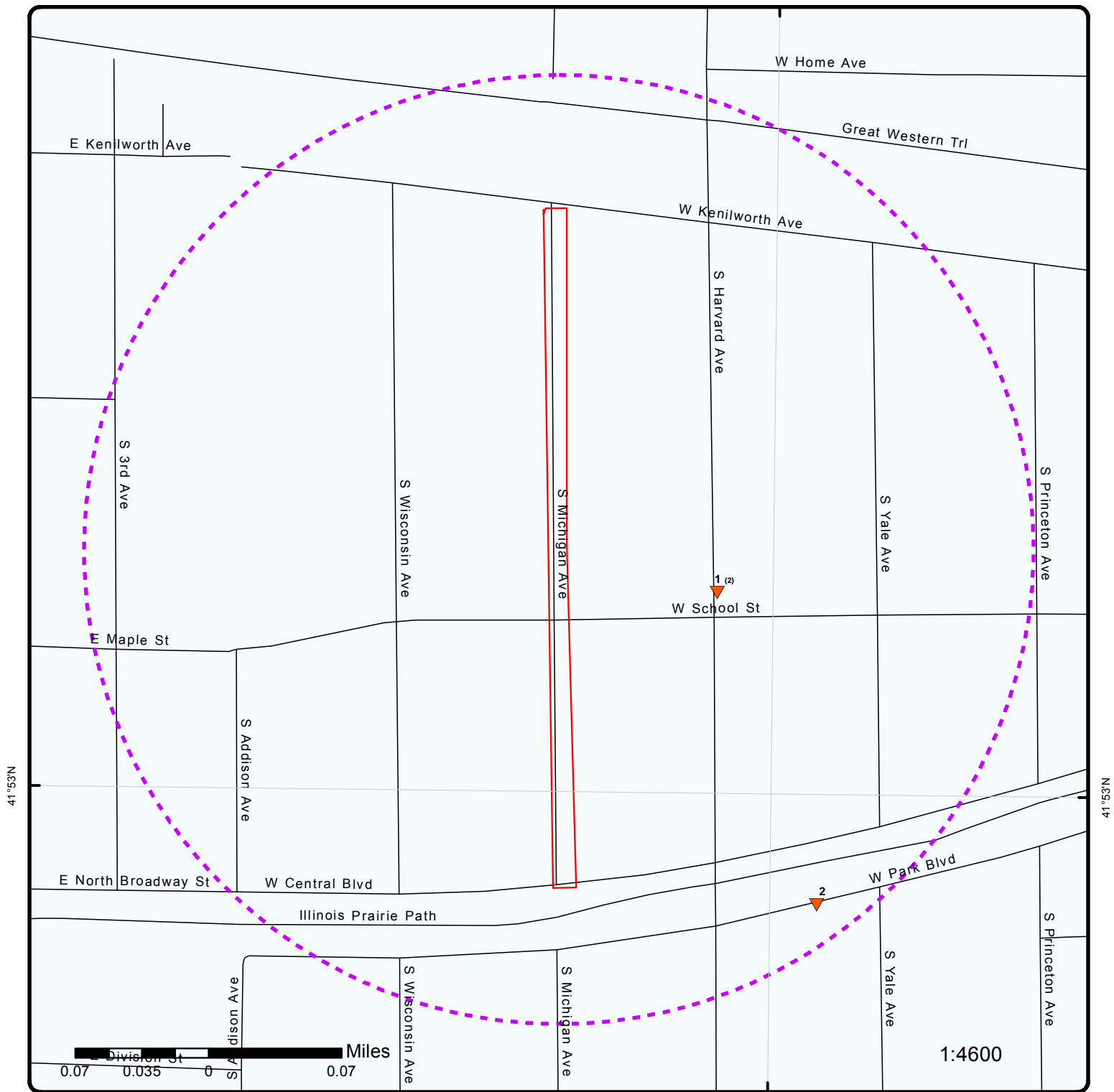
State

SPILLS - Spills and Incidences

A search of the SPILLS database, dated Oct 10, 2017 has found that there are 1 SPILLS site(s) within approximately 0.12 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
DENNIS LANDEEN	151 West Park Avenue VILLA PARK IL	SE	0.23 / 1,222.61	2

Incident No: 891690



Map : 0.25 Mile Radius

Order No: 20180118331
Address: 300 S Michigan Ave, Villa Park, IL 60181 US



Project Property	Rails	State Boundary	FWS Special Designation Areas
Buffer Outline	Major Highways	National Priority List Sites	State Brownfield Sites
Eris Sites with Higher Elevation	Major Highways Ramps	National Wetland	State Brownfield Areas
Eris Sites with Same Elevation	Major Roads	Indian Reserve Land	State Superfund Areas:Dept. of Defense
Eris Sites with Lower Elevation	Major Roads Ramps	Historic Fill	State Superfund Areas:NPL
Eris Sites with Unknown Elevation	Secondary Roads	100 Year Flood Zone	WQARF Areas
County Boundary	Secondary Roads Ramps	500 Year Flood Zone	Federal Lands: Dept. of Defense (owned/administered areas)
	Local Roads and Ramps		



Aerial

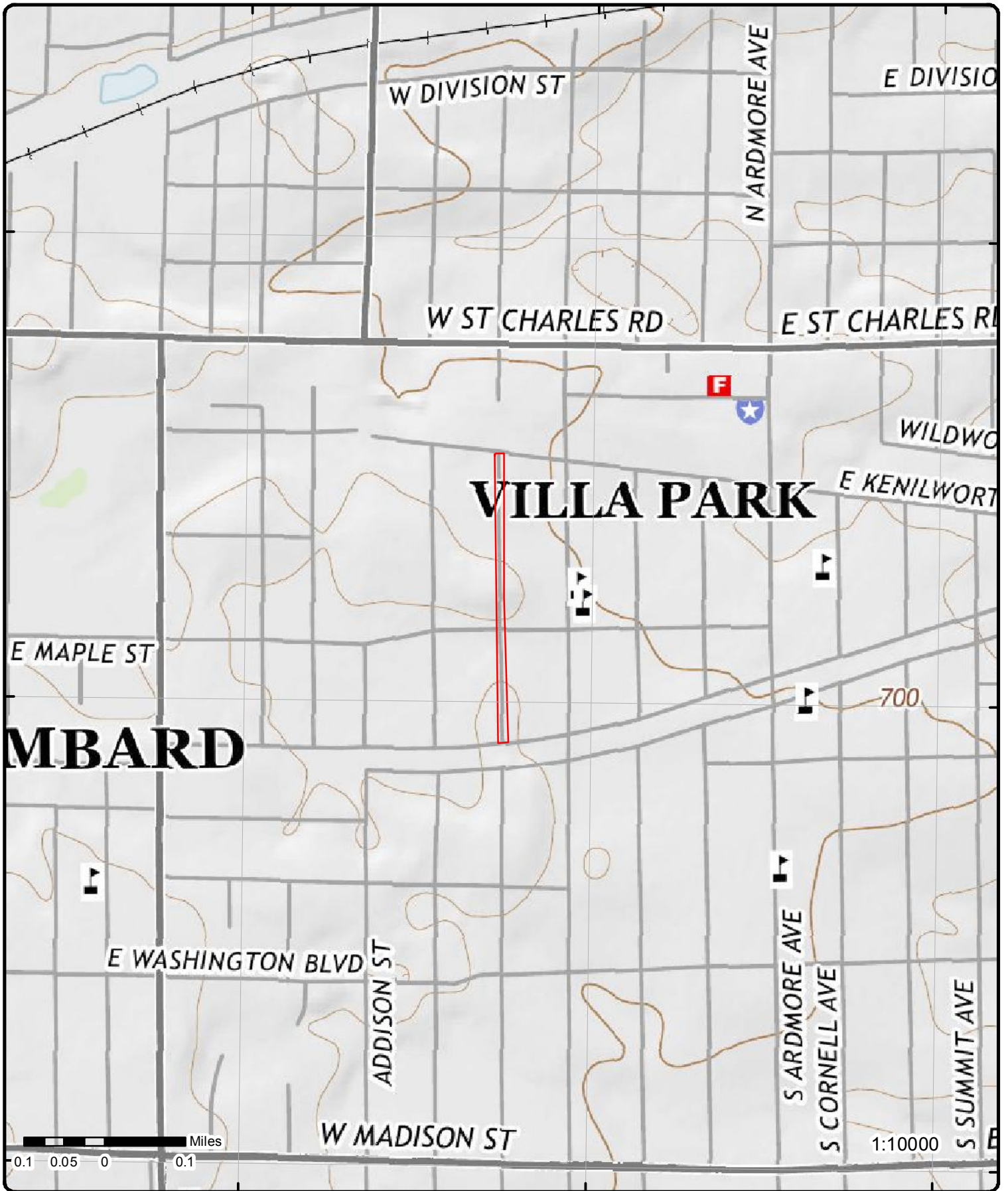
Address: 300 S Michigan Ave, Villa Park, IL 60181 US

Source: ESRI World Imagery

Order No: 20180118331



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Topographic Map

Address: 300 S Michigan Ave, Villa Park, IL 60181 US

Order No: 20180118331



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Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	1 of 2	ESE	0.09 / 457.19	703.25 / -11	ARDMORE ELEMENTARY SCHOOL 225 S HARVARD AVE VILLA PARK IL 60181	FINDS/FRS
<p>Registry ID: 110026285017 FIPS Code: 17043 Program Acronyms: ACES, AIR, AIRS/AFS, NCDB, RCRAINFO HUC Code: 07120004 Site Type Name: FACILITY EPA Region Code: 05 Conveyor: FRS-GEOCODE County Name: DUPAGE Source: SIC Codes: 8211 SIC Code Descriptions: ELEMENTARY AND SECONDARY SCHOOLS NAICS Codes: 611110 Federal Facility Code: NAICS Code Descriptions: ELEMENTARY AND SECONDARY SCHOOLS. Federal Agency Name: US/Mexico Border Ind: Congressional Dist No.: 06 Create Date: 23-OCT-2006 21:48:43 Census Block Code: 170438432004013 Update Date: 09-JAN-2015 17:23:34 Location Description: Supplemental Location: Tribal Land Code: Tribal Land Name: Latitude: 41.88541 Longitude: -87.98388 Coord Collection Method: ADDRESS MATCHING-HOUSE NUMBER Accuracy Value: 30 Datum: NAD83 Reference Point: CENTER OF A FACILITY OR STATION Interest Types: AIR MINOR, COMPLIANCE ACTIVITY, SQG, STATE MASTER Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110026285017</p>						

1	2 of 2	ESE	0.09 / 457.19	703.25 / -11	ARDMORE ELEMENTARY SCHOOL 225 S HARVARD AVE VILLA PARK IL 60181	ICIS
<p>EPA Region: 05 FRS Facility UIN: 110026285017 Program Syst ID: IL000043080ABY Prog Sys Acronym: AIR Permit Type:</p> <p>Federal Facility ID: Tribal Land Code: County: DuPage Latitude: 41.88485 Longitude: -87.98386</p> <p>--Details-- EA Identifier: EA Type Code: EA Type Desc: EA Name:</p> <p>Enf Act Forum Dsc: Fac NAICS Code: 611110 Facility SIC Code: 8211</p>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	1 of 1	SE	0.23 / 1,222.61	704.62 / -10	DENNIS LANDEEN 151 West Park Avenue VILLA PARK IL	SPILLS

Incident No: 891690
Incident Rprt Date: 9/1/1989 7:23:00 PM
Incident County: DUPAGE
Entered by:
Data Input Status: CLOSED
Leaking UST:
Caller: SUE DWYER
Caller Represents: STATE FIRE MARSHALL
Hazmat Incid Type: LEAK
Dt/Tm Occurred: 09/01/89 1500
Temp: OVERCAST, 65 WIND:CALM
Wind: OVERCAST, 65 WIND:CALM
Dt/Tm Incid Occur: 09/01/89 1500
Check if Unknown:
Dt/Tm Discovered:
Check if Unknown:
Where Taken:
On Scene Contact:
No of People Evac:
Area Involved:
Latitude:
Longitude:
Media or Medium:
Milepost:
Responsible Party Street: 1116N. LINCOLN AVE. PARK RIDGE,IL. 60068
Proper Safety Precautions:
State Agencies Assist Needed:
Containment Cleanup Actions: TO HIRE SOMEONE
Narrative:

City: VILLA PARK
State: ILLINOIS
County: DUPAGE
Section:
Township:
Range:
Facility Manager:
Fac Manager Phone:
Contacted ESDA?:
ESDA on Scene?:
Spec ESDA Contact:
Contact Fire Dept?:
Fire Dept on Scene:
Fire Dept Name:
Contacted Police?:
Police on Scene?:
Police Dept Name:
Sheriff Dept:
Sheriff on Scene:
Sheriff Dept Name:
Other Contact?:
Other on Scene?:
Other Agency Name:
Date Entered: 09/01/89 1500

Spill Material Information

Material Name: UNLEADED GASOLINE
Material Type: UNKNOWN
CHRIS Code:
CAS No:
UN NA No:
302(a) Hazardous Substance?:
RCRA Hazardous Waste?:
RCRA Regulated Facility?:
Container Type: UNDERGROUND TANK
Container Size: UNDERGROUND TANK
Amount Released:
Rate of Release/Min:
Duration of Release:
Cause of Release: NATURAL CAUSE: FLOODING
Estimated Spill Extent:
Spill Extent Units:

Spill Agency Information

Agency Notified: VILLA PARK FD,ST. FIRE MR
Notified Date/Time:
Name of Person:
Notification Action: Contacted

Agency Spill Details

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
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Agency Notified Name: VILLA PARK FD,ST. FIRE MR
Date/Time Agency Notified:
Follow Up:

Unplottable Summary

Total: 0 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
----	------------------------	---------	------	-----	---------

No unplottable records were found that may be relevant for the search criteria.

Unplottable Report

No unplottable records were found that may be relevant for the search criteria.

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

National Priority List:

NPL

National Priorities List (Superfund)-NPL: EPA's (United States Environmental Protection Agency) list of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action.

Government Publication Date: Sep 13, 2017

National Priority List - Proposed:

PROPOSED NPL

Includes sites proposed (by the EPA, the state, or concerned citizens) for addition to the NPL due to contamination by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment.

Government Publication Date: Sep 13, 2017

Deleted NPL:

DELETED NPL

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Government Publication Date: Sep 13, 2017

SEMS List 8R Active Site Inventory:

SEMS

The Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted.

Government Publication Date: Oct 17, 2017

SEMS List 8R Archive Sites:

SEMS ARCHIVE

The Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time.

Government Publication Date: Oct 17, 2017

Comprehensive Environmental Response, Compensation and Liability Information System -

CERCLIS

CERCLIS:

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

CERCLIS - No Further Remedial Action Planned:

[CERCLIS NFRAP](#)

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Government Publication Date: Oct 25, 2013

CERCLIS Liens:

[CERCLIS LIENS](#)

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action:

[RCRA CORRACTS](#)

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Oct 17, 2017

RCRA non-CORRACTS TSD Facilities:

[RCRA TSD](#)

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Government Publication Date: Oct 17, 2017

RCRA Generator List:

[RCRA LQG](#)

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

Government Publication Date: Oct 17, 2017

RCRA Small Quantity Generators List:

[RCRA SQG](#)

RCRA Info is the EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

Government Publication Date: Oct 17, 2017

RCRA Conditionally Exempt Small Quantity Generators List:

[RCRA CESQG](#)

RCRA Info is the EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Conditionally Exempt Small Quantity Generators (CESQG) generate 100 kilograms or less per month of hazardous waste or one kilogram or less per month of acutely hazardous waste.

Government Publication Date: Oct 17, 2017

RCRA Non-Generators:

[RCRA NON GEN](#)

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Oct 17, 2017

Federal Engineering Controls-ECs:

FED ENG

Engineering controls (ECs) encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Jan 20, 2016

Federal Institutional Controls- ICs:

FED INST

Institutional controls are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's (United States Environmental Protection Agency) expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site.

Government Publication Date: Jan 20, 2016

Emergency Response Notification System:

ERNS 1982 TO 1986

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System:

ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System:

ERNS

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Feb 8, 2017

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database:

FED BROWNFIELDS

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Aug 16, 2017

FEMA Underground Storage Tank Listing:

FEMA UST

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

Government Publication Date: May 31, 2017

LIEN on Property:

SEMS LIEN

The EPA Superfund Enterprise Management System (SEMS) provides LIEN information on properties under the EPA Superfund Program.

Government Publication Date: Oct 17, 2017

State

State Response Action Program Database:

SSU

The State Response Action Program database identifies the status of all sites under the responsibility of the Illinois EPA's State Sites Unit. The State Response Action Program database made available by Illinois Environmental Protection Agency. This database is state equivalent CERCLIS.

Government Publication Date: Dec 29, 2017

Delisted State Response Action Program:

DELISTED SSU

List of sites removed from the State Response Action Program database identifies the status of all sites under the responsibility of the Illinois EPA's State Sites Unit.

Government Publication Date: Dec 29, 2017

Solid Waste Landfills Subject to State Surcharge Database:

SWF/LF

The Bureau of Land maintains a list of solid waste facilities and landfills throughout the state. This list made available by Illinois Environmental Protection Agency's Bureau of land.

Government Publication Date: Feb 14, 2017

Special Waste Site List:

SWF/LF SPECIAL

The following landfills are those that as of January 1, 1990, accept non-hazardous special waste pursuant to the Illinois Environmental Protection Agency Non-Hazardous Special Waste Definition. List A includes landfills that may receive any non-hazardous waste. Non-Regional Pollutant Control Facilities are so noted. List B includes landfills designed to receive specific non-hazardous wastes. List B landfills are designated as a Regional Pollutant Control Facility by RPCF, or Non-regional Pollutant Control Facility by Non-RPCF.

Government Publication Date: Jan 1, 1990

Northeastern Illinois Planning Commission Historical Inventory of Solid Waste Disposal Sites in

NIPC

Northeastern Illinois:

Historical inventory of solid waste disposal sites in northeastern Illinois prepared by the Northeastern Illinois Planning Commission (NIPC).

Government Publication Date: Dec 1987

Clean Construction or Demolition Debris:

CCDD

This is a list of CCDD Fill Operations with Approved Permits. Beginning July 1, 2008, no person can use CCDD as fill material in a current or former quarry, mine, or other excavation unless they have obtained a permit from the Illinois EPA.

Government Publication Date: Dec 9, 2017

Leaking Underground Storage Tanks (LUST):

LUST

The Leaking Underground Storage Tank Incident Tracking (LIT) database identifies the status of all Illinois LUST incidents reported to the Illinois Emergency Management Agency (IEMA) and to the Illinois Environmental Protection Agency.

Government Publication Date: Oct 25, 2017

Delisted Leaking Underground Storage Tank Sites:

DELISTED LUST

List of sites removed from the Leaking Underground Storage Tank Incident Tracking (LIT) database made available by the Illinois Environmental Protection Agency.

Government Publication Date: Oct 25, 2017

Underground Storage Tank Fund Payment Priority List:

LUST TRUST

In case sufficient funds are not available in the Underground Storage Tank Fund, requests for payment are entered on the Payment Priority List by "queue date" order. As required by the Environmental Protection Act, the queue date is the date that a complete request for partial or final payment was received by the Agency. The queue date is "officially" confirmed at the end of the payment review process when a Final Decision Letter is sent to the site owner. The Underground Storage Tank Fund Priority list made available by Illinois Environmental Protection Agency.

Government Publication Date: Nov 01, 2016

Underground Storage Tank Database (UST):

UST

This database maintained by Division of Petroleum & Chemical Safety, contains information derived from tank registration information supplied to the Office of the Illinois State Fire Marshal (OSFM) from outside sources.

Government Publication Date: Nov 13, 2017

Aboveground Storage Tanks (AST):

AST

A list of aboveground storage tanks inspected by the Office of State Fire Marshal (OSFM).

Government Publication Date: Sep 30, 2017

Delisted Storage Tanks:

DELISTED TANK

This database contains a list of closed storage tank sites that were removed from the Illinois Department of Environmental Quality.

Government Publication Date: Nov 13, 2017

Sites with Engineering Controls:

ENG CONTROL

Sites in the Illinois Environmental Protection Agency (IEPA)'s Site Remediation Program (SRP) database with engineering controls in place.

Government Publication Date: Oct 18, 2017

Institutional Controls:

INST CONTROL

Sites in the Illinois Environmental Protection Agency (IEPA)'s Site Remediation Program (SRP) database with institutional controls in place.

Government Publication Date: Oct 18, 2017

Illinois Site Remediation Program Database:

SRP

The Site Remediation Program (SRP) database identifies the status of all voluntary remediation projects administered through the Pre-Notice Site Cleanup Program (1989 to 1995) and the Site Remediation Program (1996 to the present). This Site Remediation program database made available by Illinois Environmental Protection Agency.

Government Publication Date: Oct 18, 2017

Brownfields Redevelopment Assessment Database:

BROWNFIELDS

The Office of Site Evaluations Redevelopment Assessment database identifies the status of properties within the State in which the Illinois EPA's Office of Site Evaluation has conducted a Municipal Brownfields Redevelopment Grant (MBRG) project.

Government Publication Date: Dec 01, 2017

Municipal Brownfields Redevelopment Grant Program (MBRGP) project sites administered through

BROWN MBRGP

OBA:

The Office of Brownfields Assistance (OBA) database identifies the status of all Municipal Brownfields Redevelopment Grant Program (MBRGP) project sites administered through OBA. Office of Brownfields Assistance Database search made available by Illinois Environmental Protection Agency's Bureau of Land Data-Center.

Government Publication Date: Mar 31, 2013

Tribal

Leaking Underground Storage Tanks on Indian Lands:

INDIAN LUST

List of Leaking Underground Storage Tanks (LUSTs) on Tribal/Indian Lands in EPA Region 5, which includes Michigan, Minnesota and Wisconsin.

There no LUST records in Illinois at this time.

Government Publication Date: Feb 26, 2015

Underground Storage Tanks (USTs) on Indian Lands:

INDIAN UST

Underground Storage Tanks (USTs) on Tribal/Indian Lands in EPA Region 5. There are no UST records in Illinois at this time.

Government Publication Date: Feb 26, 2015

Delisted Tribal Leaking Storage Tanks:

DELISTED ILST

Leaking Underground Storage Tank facilities which have been removed from the Regional Tribal LUST lists made available by the EPA.

Government Publication Date: Aug 3, 2017

Delisted Tribal Underground Storage Tanks:

DELISTED IUST

Underground Storage Tank facilities which have been removed from the Regional Tribal UST lists made available by the EPA.

Government Publication Date: Aug 3, 2017

County

No County standard environmental record sources available for this State.

Additional Environmental Record Sources

Federal

Facility Registry Service/Facility Index:

FINDS/FRS

The US Environmental Protection Agency (EPA)'s Facility Registry System (FRS) is a centrally managed database that identifies facilities, sites or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, data collected from EPA's Central Data Exchange registrations and data management personnel.

Government Publication Date: Sep 06, 2017

Toxics Release Inventory (TRI) Program:

TRIS

The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.

Government Publication Date: Dec 31, 2016

Hazardous Materials Information Reporting System:

HMIRS

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.

Government Publication Date: Sep 11, 2017

National Clandestine Drug Labs:

NCDL

The U.S. Department of Justice ("the Department") provides this data as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy.

Government Publication Date: Oct 13, 2017

Inventory of Open Dumps, June 1985:

ODI

The Resource Conservation and Recovery Act (RCRA of the Act) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

EPA Report on the Status of Open Dumps on Indian Lands:

IODI

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

Toxic Substances Control Act:

TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI).

Government Publication Date: Jun 30, 2017

Hist TSCA:

HIST TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

Government Publication Date: Dec 31, 2006

FTTS Administrative Case Listing:

FTTS ADMIN

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing:

FTTS INSP

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List:

PRP

Early in the cleanup process, the Environmental Protection Agency (EPA) conducts a search to find the potentially responsible parties (PRPs). EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site.

Government Publication Date: Oct 10, 2017

State Coalition for Remediation of Drycleaners Listing:

SCRD DRYCLEANER

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Government Publication Date: Nov 08, 2017

Integrated Compliance Information System (ICIS):

ICIS

The Integrated Compliance Information System (ICIS) is a system that provides information for the Federal Enforcement and Compliance (FE&C) and the National Pollutant Discharge Elimination System (NPDES) programs. The FE&C component supports the Environmental Protection Agency's (EPA) Civil Enforcement and Compliance program activities. These activities include Compliance Assistance, Compliance Monitoring and Enforcement. The NPDES program supports tracking of NPDES permits, limits, discharge monitoring data and other program reports.

Government Publication Date: Nov 18, 2016

Drycleaner Facilities:

FED DRYCLEANERS

A list of drycleaner facilities from the Integrated Compliance Information System (ICIS). The Environmental Protection Agency (EPA) tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

Government Publication Date: Sep 14, 2016

Delisted Drycleaner Facilities:

DELISTED FED DRY

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

Government Publication Date: Sep 14, 2016

Formerly Used Defense Sites:

FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DoD) is responsible for an environmental restoration. This list is published by the U.S. Army Corps of Engineers.

Government Publication Date: Nov 22, 2016

Material Licensing Tracking System (MLTS):

MLTS

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

Government Publication Date: Sep 13, 2016

Historic Material Licensing Tracking System (MLTS) sites:

HIST MLTS

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

Government Publication Date: Jan 31, 2010

Mines Master Index File:

[MINES](#)

The Master Index File (MIF) contains mine identification numbers issued by the Department of Labor Mine Safety and Health Administration (MSHA) for mines active or opened since 1971. Note that addresses may or may not correspond with the physical location of the mine itself.

Government Publication Date: Jul 31, 2017

Alternative Fueling Stations:

[ALT FUELS](#)

List of alternative fueling stations made available by the US Department of Energy's Office of Energy Efficiency & Renewable Energy. Includes Biodiesel stations, Ethanol (E85) stations, Liquefied Petroleum Gas (Propane) stations, Ethanol (E85) stations, Natural Gas stations, Hydrogen stations, and Electric Vehicle Supply Equipment (EVSE). The National Renewable Energy Laboratory (NREL) obtains information about new stations from trade media, Clean Cities coordinators, a Submit New Station form on the Station Locator website, and through collaborating with infrastructure equipment and fuel providers, original equipment manufacturers (OEMs), and industry groups.

Government Publication Date: Nov 07, 2017

Superfund Decision Documents:

[SUPERFUND ROD](#)

This database contains a listing of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD), along with other associated memos and files. This information is maintained and made available by the US EPA (Environmental Protection Agency).

Government Publication Date: Oct 13, 2017

Registered Pesticide Establishments:

[SSTS](#)

List of active EPA-registered foreign and domestic pesticide-producing and device-producing establishments based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that facilities producing pesticides, active ingredients, or devices be registered. The list of establishments is made available by the EPA.

Government Publication Date: Feb 28, 2017

Polychlorinated Biphenyl (PCB) Notifiers:

[PCB](#)

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

Government Publication Date: Jul 18, 2017

State

Spills and Incidences:

[SPILLS](#)

A list of reports taken by Illinois Emergency Management Agency (IEMA) of Hazardous Material spills in Illinois.

Government Publication Date: Oct 10, 2017

Emergency Response Releases & Spills Database:

[SPILLS2](#)

The Office of Emergency Response (OER) maintains the Emergency Response Releases & Spills Database. The Emergency Operations Unit, within OER, coordinates Illinois EPA's response to environmental emergencies involving oil or hazardous materials and ensures that any environmental contamination is cleaned up. EOU works with other response agencies including the Illinois Emergency Management Agency (IEMA), which is the initial contact for responses to an emergency or disaster in Illinois.

Government Publication Date: Oct 5, 2017

Drycleaner Facilities:

[DRYCLEANERS](#)

A list of licensed drycleaners facilities provided by Drycleaner Environmental Response Trust Fund of Illinois.

Government Publication Date: Dec 18, 2017

Delisted Drycleaners:

[DELISTED DRYC](#)

List of sites removed from the drycleaners database made available by the Drycleaner Environmental Response Trust Fund of Illinois.

Government Publication Date: Dec 18, 2017

Clandestine Drug Labs:

[CDL](#)

List of clandestine drug lab locations made available by the Illinois Department of Public Health. The Department maintains a list of properties from reports it receives from the Illinois State Police through the Illinois Emergency Management Agency.

Tribal

No Tribal additional environmental record sources available for this State.

County

No County additional environmental record sources available for this State.

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.