00 91 13

ADDENDUM NO. 2

DATE: November 30, 2022

FROM: Baxter & Woodman, Inc., Consulting Engineers

TO: Planholders of record for the Work titled:

City of Joliet, Illinois
St. Pat's Phase 1B Water Main Improvements
City of Joliet Contract No. 2690-0123

The Bidding Documents are amended as follows:

1. SPECIFICATIONS

A. Section 00 01 10, TABLE OF CONTENTS:

Delete Section 00 01 10, TABLE OF CONTENTS in its entirety and insert the attached TABLE OF CONTENTS, revision dated November 30, 2022.

B. APPENDIX D, IEPA FORM LPC-662 AND SOIL BORINGS REPORT:

Insert the attached new Appendix D, IEPA FORM LPC-662 AND SOIL BORINGS REPORT into the Project Manual.

Nothing in this Addendum shall be construed as changing other requirements of the Bidding Documents. Each Bidder shall acknowledge receipt of this Addendum by stating this on the outside of the SEALED bid package. BID PROPOSALS SHALL NOT BE OPENED WITHOUT ACKNOWLEDGEMENT OF RECEIPT OF ALL ADDENDUMS FOR THE GIVEN CONTRACT.

END OF ADDENDUM NO. 2

CITY OF JOLIET, ILLINOIS ST. PAT'S PHASE 1B WATER MAIN IMPROVEMENTS PROJECT MANUAL

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Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

Source Site Certification by Owner or Operator for Use of Uncontaminated Soil as Fill in a CCDD or Uncontaminated Soil Fill Operation LPC-662

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

This certification form is to be used by source site owners and operators to certify, pursuant to 35 III. Adm. Code 1100.205(a)(1) (A), that soil (i) was removed from a site that is not potentially impacted property and is presumed to be uncontaminated soil and (ii) is within a pH range of 6.25 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 fill operations or uncontaminated soil fill operations.

	rce Location or the location or			contaminate	d soil)							
Project N	lame: St. Pats	Area Waterma	ain			Office Phone Number, if available:						
Physical	Site Location (Street, Road):	Variou	s Streets - S	ee Attac	Attached Aerial & Map						
City: Jol	iet	State:	IL Zip Code: 60431				County: Will					
Township	p: Joliet											
Lat/Long	of approximate	e center of site	in dec	imal degrees	(DD.dd	ddd) to five decimal pla	ces (e.g., 4	0.67890, -90.123	345):			
Latitude:	41.52033	Longitud	de: - 8	38.09548								
ldoptify b	(Decimal Deg	•		-Decimal De	grees)							
•	•				0	O 011						
() GPS	✓ Map Interest	erpolation (Photo	Interpolation	1 () 8	urvey () Other						
IEPA Site	e Number(s), if	assigned:	BOL:			BOW:	BOA:					
	nate Start Date					Approximate End Date	 (mm/dd/yyy	yy):				
	d Volume of de		-									
II. Own	ner/Operator	r Informatio	n for	Source Si	ite							
	Site	Owner				Site	Operator					
	Name:			City of Jo	liet	Name:		City	of Joliet			
Street	t Address:		150	W. Jefferson	St	Street Address:		150 W. Jeff	ferson St			
	PO Box:					PO Box:						
	City:		Joliet	State:	IL	City:		Joliet State:	IL			
	Zip Code:	60431 PI	hone:	(815) 724-42	200	Zip Code:	60431	Phone: (815) 7	24-4200			
	Contact:			Greg Ruc	ldy	Contact:		Gre	g Ruddy			
Email if	available:					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:	St. Pats Area Watermain	Latitude: 41.52033	Longitude: -88.09548

Source Site Certification

III. Descriptions of Current and Past Uses of Source Site

Describe the current and past uses of the site and nearby properties.* Attach additional information as needed. The description must take into account, at a minimum, the following for the source site and for nearby property: (1) use of the properties for commercial or industrial purposes; (2) the use, storage or disposal of chemical or petroleum products in individual containers pater than 5 gallons or collectively more than 50 gallons: (3) the current or nest presence of any storag ny rs

underground); (4) any waste storage, treatment or discleanup or removal of contaminants; (6) any environmentation in a well that exceeds the Board's grounds.	sposal at the properties; (5) any reported releases or any environmental mental liens or governmental notification of environmental violations; (7) any undwater quality standards; (8) the use, storage, or disposal of transformers y fill dirt brought to the properties from an unknown source or site.
liens, contaminated wells or any potentially impacted IEPA databases did not indicate site contains PIPs. obtained and PID readings did not indicate volatile o	s are residential. No known chemical storage, waste storage, environmental diproperties are present on or adjacent to construction area. Data review of Performed 12 soil borings and boring logs are attached. Soil samples were rganic contamination issues. Materials certified herewith as CCDD material aterials must be segregated from CCDD materials and disposed of in other
*The description must be sufficient to demonstrate th source site owner or operator to provide this certificate	nat the source site is not potentially impacted property, thereby allowing the tion.
IV. Soil pH Testing Results	
Describe the results of soil pH testing showing that the documentation.	ne soil pH is within the range of 6.25 to 9.0 and attach any supporting
Number of pages attached: 1 pH test results within MAC requirements.	
V. Source Site Owner, Operator or Autho	orized Representative's Certification Statement and
In accordance with the Illinois Environmental Protection Cassier	tion Act [415 ILCS 5/22.51 or 22.51a] and 35 III. Adm. Code 1100.205(a), I (owner, operator or authorized representataive of source site)
certify that this site is not a potentially impacted proposoil pH is within the range of 6.25 to 9.0. I further ceremoval of contaminants. Additionally, I certify that I the site owner or site operator and am authorized to	erty and the soil is presumed to be uncontaminated soil. I also certify that the rtify that the soil has not been removed from the site as part of a cleanup or am either the site owner or operator or a duly authorized representative of sign this form. Furthermore, I certify that all information submitted, including ion, is to the best of my knowledge and belief, true, accurate and complete.
Any person who knowingly makes a false, fictitio EPA commits a Class 4 felony. A second or subs	ous, or fraudulent material statement, orally or in writing, to the Illinois sequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))
Owner	⊙ Owner's Duly Authorized Representative
Operator	Operator's Duly Authorized Representative
Don Cassier	Nov 11, 2022
Printed Name	Date

IL 532-1855 LPC 348 Rev. 1/2019

Signature



	BORING LOG												
CLIEN	П	Ci	ty c	of J	Joliet		PROJE	2023 covements	3 St. Pat's P	hase 1 W	ater Ma	in	
OWNE	ER	Ci	ty o	of J	Joliet		LOCATION Joliet, IL						
		ш	(%)	LOG	BORING NUMBER	SP-1		Unconfin	ed Compressive	Strength, To	ns/Ft.		
DEPTH ELEVATION	NO.	TYPE	<u>ن</u> ا	APPROX. SURFACE ELEVATION (M.S.		ELEVATION (M.S.L.) +/-	OVM	1		3 4	5	REMARKS	
DEPT	SAMPLE	SAMPLER	LE RE	GRAPHI	STATION	OFFSET from CL	ppm	PL ▲—	\longrightarrow	MC LL X PENETRATION BLOWS PER FT.			
ы	SP	SAN	SAMPLE	SOIL		OF MATERIALS CLASSIFICATION)		STD "N'	" PENETRATIO 		PER FT. 50		
		нѕ		₩ ₩	7" BITUMINOUS CON								
			07	ě	Brown FILL: CRUSHED STON	1							
2.5 _	1	SS	67		TIEE. OROGIES OF OF	(A-1-a)	0) ^{ES}			ļ	
		нѕ											
	2	SS	44		FILL: CLAY, Brown and Trace Sand and Gravel, N	d Gray, Some Black Clay, Medium, Moist	0	98					
5.0 -									1				
-	24	HS		,,,	SILTY CLAY, Brown, 1	race Dark Brown Trace							
-	3A 3B	ss	33		Sand and Gravel, Medium	n, Moist (A-6)	0	0	X			57 83	
7.5 _		HS			APPARENT DOLOMIT BEDROCK, Tan, Highly	E LIMESTONE							
-		ПЗ		蓋									
-	4	SS	11	蓋			0					107	
10.0 _					End of Boring at 10 Feet								
-					Note:							Blows/12" Refusal	
12.5 <u> </u>					and by utilizing olfactory	ionization detector (PID)							
-					ppm.								
-					The a pparent to of we is approximately 6.5 feet level and the apparent top	athered limestone bedrock below the exisiting grade of solid limestone					į		
15.0 _					bedrock is approximately exisiting grade level.	10 feet below the							
-													
47.5							ļ						
17.5 -													
-													
_								Calibrated Da	etrometer Unco	oficed Committee			
		<u>ν</u>	/ater	Lev	vel Observations	or-		Januraleu Peril	Boring Star		9/8/	22	
W.L.	ж. — "					SEE Consulta		nc.	Boring Con	pleted	9/8/		
W.L.	D	ry V	V S/	WI	D Dry ACR	7350 Duvan Drive, Tir	ley Park, Job No.	IL 60477	Driller Drawn By	EN	Rig	D-50	
W.L.						Approved CWG	JUD 140.	13120G	l Clawii by	SW	Sheet	1 of 1	

	BORING LOG											
CLIEN	Π	Ci	ty c	of .	Joliet		PROJE I mpr	2023 ovements	St. Pat's Pha	ase 1 Wa	ater Mai	n
OWNE	R	Ci	ty o	of .	Joliet		LOCA	TION Jolie	t, I L			
		ம	(%)	LOG	BORING NUMBER	SP-2		Unconfined	Unconfined Compressive Strength, Tons/Ft. 2			
DEPTH ELEVATION	NO.	TYPE	REC.	1 1	APPROX. SURFACE	ELEVATION (M.S.L.) +/-	OVM	1	2 3	4	5	3KS
DEP' LEVA'	SAMPLE	SAMPLER	l	GRAPHIC	STATION	OFFSET from CL	ppm	PL A	MC X	1 51 6146		REMARKS
<u>ы</u>	?S	SAL	SAMPLE	SOIL	(LABORATORY	ÖFMATERIALS CLASSIFICATION)		10	PENETRATION 20 30	40	PER F1. 50	
-		нѕ		₩##	5.25" BITUMINOUS CO							
-	1	SS	61		Brown FILL: CRUSHED STON	E, Medium Dense, Dry (A-1-a)	0	×	E			
2.5 _						, ,						
_		HS			FILL: CLAYEY GRAVI	EL, Light Brown and						
-	2	SS	22		Gray, Trace Sand, Dense	, Moist (A-1-b)	0		$ \times $	83		
5.0 <i>–</i>		нѕ			APPARENT DOLOMIT	E LIMESTONE						75
-	3	SS	11		BEDROCK, Tan, Highly	Weathered	0					83
7.5	_			薑								
_		HS										
-	4	SS	11	蓋			0					103
10.0 _					End of Boring at 10 Feet							SPT N=103
-					Note: 1. All soil samples were	screened with a						Blows/12" Refusal
12.5 <u>-</u>						rionization detector (PID) senses. No petroleum						
- 15.0 _ -					2. The apparent top of w bedrock is approximately exisiting grade level and limestone bedrock is app the exisiting grade level.	5.5 feet below the the apparent top of solid						
17.5 _												
-						ļ						
-												
				1_			•	Calibrated Penet	rometer Unconfi			
W.L.		V	/ater	Le	vel Observations	SEE			Boring Started Boring Comple		9/9/2	
W.L.	D	ry V	V S/	W	D Dry ACR	Consulta 7350 Duvan Drive, Tin	nts, I ley Park.	nc. IL 60477	Driller	EN	9/9/2 Rig	D-50
W.L.						Approved CWG	Job No.	13120G	Drawn By	SW	Sheet	1 of 1

	BORING LOG														
CLIEN	1T	С	ty c	of .	Joliet			PROJECT 2023 St. Pat's Phase 1 Water Main Improvements							
OWN	ER .		614	~6	loliet				-	Joliet	.IL				
			ty c	<i>)</i> \		-1,							-		
					BORING NUMBER	SP.	-3		Unco	nfined	Compressiv	_			
HOI	N N	TYPE	REC.	HIC	APPROX. SURFACE	ELEVATION (N	M.S.L.) +/	- - 0VM		1	2	3 4	5	- IKS	
DEPTH ELEVATION	SAMPLE	SAMPLER	E RE	GRAPHIC	STATION	OFFSET fro	m CL	ppm	F	ጊ ▲		мс - X	LL ——	REMARKS	
EL	SAI	SAMI	1 -	SOIL	DESCRIPTION			-	STE	"N" I		ION BLOWS	PER FT.	<u> </u>	
	-	-		SS ⊗	(LABORATORY 4" BITUMINOUS CON		•		1	0	20	30 40	50		
		HS		***	8" SAND AND GRAVE Brown										
	1	ss	78		FILL: SILTY SAND, Da Trace Gravel, Trace Blac	ark Brown, and I ok Cinders, Dens	Black, se, Dry	0	×			83			
2.5 -	_	ļ				-	-								
		HS				Cabiles									
	2	SS	33		FILL: GRAVEL, Light E Dense	oruwn, Conτains	(A-1-a)	0					83		
5.0 -							(114)								
		HS													
-	3	SS	22	薑	APPARENT DOLOMIT BEDROCK, Light Brow			0						71 83	
7.5 –														Ĩ	
-		HS		薑											
-	4	ss	17												
10.0 –														94 - 63	
-					End of Boring at 10 Feet Note:									SPT N= 94 Blows/12"	
-					All soil samples were	screened with a	ı							Refusal	
12.5					MiniRae300 OVM photo and by utilizing olfactory	o-ionization dete v senses. No petr	ctor (PID) oleum								
-					odors were detected in all ppm.	I samples and all	I PID = 0								
= -					2. The apparent top of w bedrock is approximately	reathered limesto	one e exisitina								
- 15.0 –					grade level and the appar bedrock is approximately	ent top of solid I	limestone								
-					exisiting grade level.										
-															
- 17.5 –															
-															
-															
_															
								0	Calibrated	Peneti		onfined Comp			
W.L.		- V	/ater	Le	/el Observations			CO	lnc		Boring Sta Boring Co		9/9/22		
W.L.	D	ry V	V S/	W	D Dry ACR	7350 Duva	n Drive, Ti	nley Park,	its. inc. 🗀			Driller EN Rig			
W.L.						Approved	CWG	Job No.	131	20G	Drawn By	SW	Sheet	1 of 1	

	BORING LOG												
CLIEN	l .	Ci	ty o	of J	loliet		PROJECT 2023 St. Pat's Phase 1 Water Main Improvements						
OWNE	R-						LOCA	TION	oliet	11			
		Ci	ty	of J	loliet				Once	,			
		6-3	(%)	LOG	BORING NUMBER	SP-4		Uncor	nfined	Compressive St	rength, Tor	ns/Ft.	
NO	NO.	TYPE	١.		APPROX. SURFACE E			1		2 3	4	5	S S
DEPTH ELEVATION	ı	1	REC.	GRAPHIC	STATION	+/- OFFSET from CL	OVM	l l	L	MC	ı	LL	REMARKS
DE	SAMPLE	AMPLER	띰	1 1			ppm	STD	"NI" E	ENETRATION	BLOWS!	——▲ DED ET	REM
ш	Ś	SA	SAMPLE	SOIL		OF MATERIALS CLASSIFICATION)		1012		20 30 -	40	50	
		HS	0,		4.75" BITUMINOUS CO	ONCRETE PAVEMENT		10	J 	20 30	40	50	
		по			8" SAND AND GRAVE Brown	E BASE COURSE,							
-	1	SS	56		FILL: SAND, Dark Brow Black, Trace Gravel, Der		0	\times		83			
2.5 _						(A-3)							
_		HS		1111						'	\		
-	_										\		
_	2	SS	72				0	*			83		
5.0 –													
_		HS											
-	ЗА	SS	44		APPARENT DOLOMIT	ELIMESTONE	0	<u> </u>				- 183	-
- 7.5 _	3B		''		BEDROCK, Light Brown	n, Highly Weathered	0					1 00	
- 7.5		HS											
-													
	4	SS	17				0			į			
10.0 _				Ħ	End of Boring at 10 Feet								81 3
-					Note:								SPT N=81 Blows/12"
] -					All soil samples were	screened with a							Refusal
40.5					MiniRae300 OVM photo and by utilizing olfactory	ionization detector (PID)							
12.5 _					odors were detected in all ppm.	samples and all PID = 0							
-					2. The apparent top of w	eathered timestone							
-					bedrock is approximately	6.5 feet below the							
15.0					exisiting grade level and the strict								
-					the exisiting grade level.								
								ļ					
-													
17.5 –													
]]													
-													
Calibrated Penetrometer Unconfined Compression]			
		1.4	lat-	.1 -	ad Observations			Janorated :	reneti	ometer Unconfir			
W.L.	Water Level Observations				ver Observations	SEE				Boring Comple		9/9/22 9/9/22	
W.L.					D Dry ACR	Consulta 7350 Duvan Drive, Tinl	NTS, I ley Park.	NC. IL 60477		Driller	EN	Rig	D-50
W.L.							Job No.	1312	20G	Drawn By	SW	Sheet	1 of 1

						BORIN	G LO	G				
CLIEN	П	Ci	ty o	of J	loliet		PROJI I mpi	ECT 2023 rovements	St. Pat's P	hase 1 Wa	ater Main	
OWNE	R	Ci	ty c	of J	loliet		LOCA	TION Jolie	t, I L			
		ы	(%)	LOG	BORING NUMBER	SP-5		Unconfine	d Compressive	Strength, To	ns/Ft. 2	
HOI	NO.	TYPE	REC. (1 1	APPROX. SURFACE I	ELEVATION (M.S.L.)	OVM	1	2	<u>3</u> 4	5	- KS
DEPTH ELEVATION	SAMPLE	SAMPLER		GRAPHIC	STATION	OFFSET from CL	ppm	PL	\longrightarrow	(C ←	LL ▲	REMARKS
<u>ධ</u>	SA	SAM	SAMPLE	SOIL		OF MATERIALS CLASSIFICATION)		STD "N"	PENETRATI	ON BLOWS 3 ———— 10 40	PER FT. 50	
_		нѕ		₩ # # #	5.5" BITUMINOUS CO							
-				÷.	Brown FILL: CLAY, Brown, G							-
	1	SS	83		Dark Brown, Trace Sand	and Gravel, Stiff, Moist	0	833	8			
2.5 <u> </u>		нѕ										
-					FILL: COURSE GRAVE	EL, Trace Black Silty Clay,						-
	2	SS	39		Daise		0) 	
5.0 <u>–</u>		нѕ			(Hit Rock Piece at 5 Feet)						
-					CLAY, Brown, Trace Sa Moist	nd and Gravel, Hard,						-
- 7.5 -	3	SS	33		····ou	(A-6)	0		KB			
7.5 -		нѕ							$\setminus \mid \mid$			
-									X			
-	4	SS	89				0		234		9	
10.0 –				///	End of Boring at 10 Feet							-
-					Note							
-					 All soil samples were MiniRae300 OVM photo and by utilizing olfactory 	ionization detector (PID)						
12.5 <u> </u>					odors were detected in all ppm.	samples and all PID = 0						
-												:
-												
15.0_												
_												
47.5												
17.5 _												
-												
_			. <u> </u>									
		1.4			ad Observations			Calibrated Pene	trometer Unco			
W.L.			vater	Le	/el Observations	SEE	CO	lno.	Boring Star		9/9/22	
W.L.	D	ry V	V S/	W	D Dry ACR	Consulta 7350 Duvan Drive, Tir	iley Park,	IL 60477	Driller	EN	Rig	D-50
W.L.		-			*	Approved CWG	Job No.	13120G	Drawn By	SW	Sheet	1 of 1

						BORIN	G LC)G				
CLIEN	П	Ci	ty	of .	Joliet		PRO.	ECT 2023 rovements	St. Pat's F	Phase 1 W	ater Main	
OWNE	ĒR	Ci	ity	of .	Joliet		1 .	ATION Jolie	t, IL			
		[+]	(%)	rog	BORING NUMBER	SP-6		Unconfined	d Compressive	e Strength, To	ns/Ft.	T
HOI	NO.	TYPE		1	APPROX. SURFACE		OVM	1	2	3 4	5	KS
DEPTH ELEVATION	SAMPLE	AMPLER	E RE	GRAPHIC	STATION	OFFSET from CL	ppm	PL ▲—		IC ←	LL ▲	REMARKS
EI	SA	SAM	SAMPLE	SOIL		OF MATERIALS CLASSIFICATION)			PENETRATI	3 ——		α,
	_	HS		<u></u>	3" BITUMINOUS CON FILL: 7" CRUSHED ST	CRETE PAVEMENT		10	20 3	80 40	50	
				•	FILL: SAND, Black, Tra Pieces, Medium Dense, I	ace Gravel, Contain Slag						-
	1	SS	61		riccas, inicaram baros, i	VIOIS	0	*	8			
2.5	-	нѕ										
-	2	SS	83									
- 5.0 –	_	33	00				0		\$3			
-		нѕ										
-	3	SS	72		FILL: CLAY, Dark Brow Gray, Trace Sand and Gr Medium, Moist	vn, Trace Brown, Some avel, Trace Black Cinders,	0	86	x			
7.5					iviedium, ivioist	(A-6)						
- -		HS		,,,	SILTY CLAY, Brown a	nd Gray Trace Sand and						_
-	4	ss	56		Gravel, Very Stiff, Moist	(A-6)	0	83				
10.0 _					End of Boring at 10 Feet							-
					Note							
-					 All soil samples were MiniRae300 OVM photo and by utilizing olfactory 	p-ionization detector (PID)						
12.5 ₋					odors were detected in al ppm.	I samples and all PID = 0						
-												
15.0 –												
-												
_												
17.5 _						!						
-	ı											
-												
							8	 Calibrated Penet	rometer Unco	nfined Comp	ression	
1011		٧	/ater	Le	vel Observations	SEE		_	Boring Star		9/8/22	
W.L.	D	ry V	V S/	W	D Dry ACR	Consulta 7350 Duvan Drive, Tir	i nts, ilev Park	Inc. IL 60477	Boring Con Driller	npleted EN	9/8/22 Rig	D-50
W.L.						Approved CWG	Job No.		Drawn By	SW	Sheet	1 of 1

						BORIN	G LO	G				
CLIEN	Т	Ci	ty c	of .	Joliet		PROJE Impr	2023 ovements	St. Pat's Ph	ase 1 Wa	ater Main	
OWNE	R	Ci	ty c	of .	Joliet		LOCA	TION Joliet	, IL			
		63	(%)	LOG	BORING NUMBER	SP-7		Unconfined	Compressive S	Strength, To	ns/Ft.	
HOI	NO.	TYPE		1	APPROX. SURFACE E	ELEVATION (M.S.L.)	OVM	1	2 3	4	5	.KS
DEPTH ELEVATION	SAMPLE	SAMPLER	E REC	GRAPHIC	STATION	OFFSET from CL	ppm	PL ▲—	MC ×	;	LL ▲	REMARKS
日日	SAI	SAM	SAMPLE	SOIL		OF MATERIALS CLASSIFICATION)			PENETRATION			α,
		HS	S	Š	5" BITUMINOUS CONC	CRETE PAVEMENT		10	20 30	40	50	
-					8" SAND AND GRAVE Brown FILL: CLAY, Brown and	,						
_	1	SS	78		Brown, Some Black, Trac Moist	ce Sand and Gravel, Stiff,	0	€ 3	×			
2.5 –		HS				(A-6)			ΛΙ			
_					FILL: SAND, Black, Tra Pieces, Medium Dense, N	ce Gravel, Contain Slag			$\overline{}$			
5.0 –	2	SS	56		ricco, maidin baloc, n	noia to Diy	10		183			
5.0 –		нѕ										
-	3	ss	67				3			~		
7.5 <u>–</u>		33	07				3			33		
		нѕ										
-	4	ss	83				4					
10.0 –					End of Boring at 10 Feet				ω			
					Note:							
_					1. All soil samples were:							
12.5 –					and by utilizing olfactory were detected in sample 2	rionization detector (PID) senses. Petroleum odors 2, 3, and 4 with highest						
-					PID = 10ppm.							
-			i									
15.0 _												-1
-												3
-												
17.5 _ -												
-												
-					. 							
	_	14	Inter	1 -	vel Observations			Calibrated Penet	rometer Unconf			
W.L.			aler	гe	VG Observations	SEE Consulta		nc	Boring Comp		9/8/22	
W.L.	D	ry V	V S/	W	D Dry ACR	7350 Duvan Drive, Tir	ley Park,	IL 60477	Driller	EN	Rig	D-50
W.L.						Approved CWG	Job No.	13120G	Drawn By	SW	Sheet	1 of 1

						BORIN	G LO	G						
CLIEN	IT	Ci	ty c	of .	loliet		PROJ I mp	roveme		St. Pat's I	Phase 1 W	/ ater	Main	
OWNE	R	Ci	ty o	of .	loliet		LOCA	TION	Joliet	, IL		į.		
		ы	(%)	rog	BORING NUMBER	SP-8		Unco	onfined	Compressiv	e Strength, T	ons/Ft.	2	
DEPTH ELEVATION	NO.	TYPE	REC.	1 1	APPROX. SURFACE	ELEVATION (M.S.L.) +/-	OVM		1	2	3 4		5	KKS
DEP	SAMPLE	SAMPLER		GRAPHIC	STATION	OFFSET from CL	ppm		ર્ય. ▲		1C ×		_L _	REMARKS
<u>iii</u>	SA	SAM	SAMPLE	SOIL		OF MATERIALS CLASSIFICATION)			D "N" F 10		ON BLOW:		FT. 80	
_		HS		W	6" BITUMINOUS CON									
-	1	SS	78	*	FILL: SILTY CLAY, Br	own and Gray, Trace Dark	0							
2.5 _	<u>'</u>		70		Brown, Trace Sand and C	Graver, very Stiff, Moist (A-6)		ER		8				
-		HS			CI TV CI AV Danua	od Com. Tanas Com.d A.m.d				4				
_	2	ss	78		Gravel, Hard, Moist	nd Gray, Trace Sand And (A-6)	0		*	83		•		ı
5.0		HS												ı
-		110												
-	3	SS	89				0		*	岛	•	•		
7.5 ₋		HS												
-	4	SS	89				0							
- 10.0 –	_				End of Boring at 10 Feet		"		*		ES	0		
_					Note			-X						
-					Boring was offset appr feet south from the orig	roximately 4 feet west and								
12.5 _					existing underground util	ities								
-					2. All soil samples were aMiniRae300 OVM pho (PID)and by utilizing of	oto-ionization detector								
-					petroleumodors were d and all PID = 0ppm.									
15.0 –														
-														
17.5 _														
-														
														ĺ
	L_						8	 Calibrated	 Penetr	_ ometer Unox	onfined Com	pressio	<u></u>	
		٧	/ater	Le	vel Observations	SEE	CO			Boring Sta			19/22	
W.L.	ח	ry V	V Q/	W/	D Dry ACR	Consulta 7350 Duvan Drive, Tin	nts, l	inc.		Boring Cor Driller		9/ Rig	19/22	
W.L.		. , *		-4	JIJ AOK	Approved CWG	Job No.	131	20G	Drawn By	SW	She		D-50 1 of 1

						BOR	RIN	G LO	G				
CLIEN	11	С	ity	of .	Joliet			PROJE 1mpr	CT 202 ovements	3 St. Pat's I	Phase 1 W	ater Main	· · · · · · · · · · · · · · · · · · ·
OWN	ER	Ci	ity o	of .	Joliet	<u> </u>		LOCA	TION Joli	et, IL			
		ഥ	%	rog	BORING NUMBER	SP-9			Unconfir	ned Compressiv	e Strength, To	ons/Ft. 2	
DEPTH ELEVATION	NO.	TYPE	REC.	1	APPROX. SURFACE	ELEVATION (M.S.L.)	+/-	OVM	1	2	3 4	5	KKS KKS
DEP	SAMPLE	AMPLER	l	GRAPHIC	STATION	OFFSET from CL		ppm	PL ▲		//C ×	L L	REMARKS
떠	SZ	SAN	SAMPLE	SOIL		OF MATERIALS CLASSIFICATION)			SID "N 10	" PENETRATI 	ION BLOWS 33 ———— 30 40	PER FT. 50	
		нѕ		₩ #	5" BITUMINOUS CON FILL: 8" CRUSHED ST	CRETE PAVEMENT				20 .	- T		-
	1	ss	89		SILTY CLAY, Brown a Gravel, Hard, Moist	nd Gray, Trace Sand an	ıd	0		V.M.			-
2.5 <u>-</u>	Ľ		00			(/	(6-4		-2	XB	8		
		HS											
	2	ss	61					0		* \	83	0	
5.0 _		HS											
-	_	-			SILTY CLAY, Brown, 1	Trace Gray, Trace Sand	\dashv						_
	3	SS	44		and Gravel, Hard, Moist	(A	۱-6)	0		*	B	8	
7.5 <u>–</u>		нѕ			SILTY CLAY, Brown, 1 Hard, Moist								
-	4	SS	56			(F	ا (6-4	0		,			
10.0 _					End of Boring at 10 Feet				*	`	83	8	
-					Note								
-					1. All soil samples were MiniRae300 OVM photo	screened with a	D)						
12.5 _					and by utilizing offactory odors were detected in all	senses. No petroleum							
-					ppm.								
15.0 _							1						
15.0 =													
-													
17.5 ~													
-													
-							İ						
				<u> </u>				<u> </u>	Calibrated Pen	etrometer Unco	onfined Comp	ression	.]
10/1		V	/ater	Le	vel Observations	S	EE	CO		Boring Sta		9/8/22	
W.L.	D	ry V	V S/	WI	D Dry ACR	Consu 7350 Duvan Drive	Ita a Tinl	nts, l i ley Park. I	nc. IL 60477	Driller	npleted EN	9/8/22 Rig	D-50
W.L.		-				Approved CW		Job No.	131200	Drawn By	SW	Sheet	1 of 1

	-					BORIN	G LO	G					
CLIEN	IT	Ci	ty o	of .	loliet			oveme		St. Pat's I	Phase 1 W	ater Maiı	n
OWNE	ER	Ci	ty o	of .	loliet		LOCA	TION J	loliet	, IL			
		ы	(%)	LOG	BORING NUMBER	SP-10		Unco	nfined	Compressiv	e Strength, To	ons/Ft.	
H	NO.	TYPE	١.	1	APPROX. SURFACE	ELEVATION (M.S.L.)	OVM		1	2	3 4	5	- KS
DEPTH ELEVATION	SAMPLE	SAMPLER	E REC	GRAPHIC	STATION	OFFSET from CL.	ppm	P	չլ 	N	//C ×	LL ——A	REMARKS
日日	SAN	SAME	SAMPLE	SOIL G		OFMATERIALS CLASSIFICATION)					ION BLOWS		<u> </u>
<u> </u>		HS	S	S W	5" BITUMINOUS CON	CRETE PAVEMENT		1	0	20	30 40	50	
		по		* e * e * .	7" SAND AND GRAVE Brown	h							
-	1A	ss	89		Dense, Dry	IE, Trace Gravel, Medium		×_	{	3			
2.5 _	1B				FILL: CLAY, Dark Brown, Trace Sand and	Gravel, Medium, Moist	0	•			<u> </u>		
		HS			FILL CLAV Cray Tra	(A-6) be Black, Trace Sand and				1/			
-	2	ss	61		Gravel, Medium, Moist	(A-6)	0	•	8	*			
5.0 –						()							
-		HS				T				$\perp \! \! / \! \! \perp$			
-	3	ss	44		CLAY, Brown and Gray Hard, Moist	, irace sand and Graver, (A-6)	0		83 (• ×			
7.5 –					CLAY, Brown, Trace Sa	`				<u> </u>			_
-		HS	i		Moist	(A-6)				$\langle $			
-	4	ss	56			, ,	0		/	3	8		
10.0 –					End of Boring at 10 Feet								
_					Note:								
-					All soil samples were	screened with a							
- 12.5 –					and by utilizing olfactory	o-ionization detector (PID) r senses. No petroleum I samples and all PID = 0							
-					ppm.	isamples and all PID = 0							
_													
- 15.0 –													
-													
-													;
- 17.5 –													
-													
-													
_		_						L					
A				_	10	I .	0	Calibrated	Penetr		onfined Comp		
W.L.		V	/ater	Le	vel Observations	SEE				Boring Sta Boring Cor		9/9/2	
W.L.	D	ry V	V S/	W	D Dry ACR	Consulta 7350 Duvan Drive, Tin	rits, I ley Park,	MC. IL 60477		Driller	EN	Rig	D-50
W.L.					1	Approved CWG	Job No.	1312	20G	Drawn By	SW	Sheet	1 of 1

						BORIN	IG LC)G		· · · · · ·		
CLIEN		Ci	ity o	of .	loliet			202 rovements	3 St. Pat's I	Phase 1 W	ater Main	
OWNE	-R	Ci	ty c	of J	loliet		LOCA	Joli	et, I L			
		ы	(% (%	LOG	BORING NUMBER	SP-11		Unconfin	ed Compressiv	e Strength, To	ns/Ft.	
DEPTH ELEVATION	NO.	TYPE	REC.	1 1	APPROX. SURFACE I	ELEVATION (M.S.L.)	- OVM		2	3 4	5	KS
DEP	SAMPLE	SAMPLER	l	GRAPHIC	STATION	OFFSET from CL	ppm	PL _		1C ×	L L	REMARKS
	SA	SAM	SAMPLE	SOIL		OF MATERIALS CLASSIFICATION)	1	STD "N	" PENETRAT! 	ON BLOWS 33	PER FT. 50	
-		нѕ		× •	5" BITUMINOUS CON 8" SAND AND GRAVE		#					
	1	ss	78		Brown SILTY CLAY, Brown a Gravel, Very Stiff, Moisl	nd Gray, Trace Sand and	# 0		88	0		-
2.5 _					Grave, very Still, Mois	(A-6	11 -	:	9			
		HS			SILTY CLAY, Brown, 1	France Cond and Cree of						
-	2	ss	61		Hard, Moist	rrace Sanu and Graver, (A-6)	0			•		
5.0 –		HS										
-	_											
-	3	SS	83				0		* 8	0		
7.5 <u>–</u>		нѕ										
-	4	SS	44									
- 10.0 –	_	33	***		End of Boring at 10 Feet		"		×	8 0		
-					Note:							
- 12.5 _					and by utilizing olfactory	o-ionization detector (PID)						
-					Boring was offset appropriately	roximately 4 feet East e to the underground lines						
15.0 _					nom original rocation du	e to the unda ground imes						
-												
- 17.5 –												
-												
-												
_							0	Calibrated Pen	etrometer Uno			!
W.L.			Vater	Le	vel Observations		CO	la a	Boring Sta Boring Cor		9/9/22	
W.L.	D	ry V	V S/	W	D Dry ACR	Consulta 7350 Duvan Drive, T	ants, nley Park,	I NC. IL 60477	Driller	EN	9/9/22 Rig	D-50
W.L.					ı	Approved CWG	Job No.	131200	Drawn By	SW	Sheet	1 of 1

						В	ORIN	G LO					
CLIEN	П	Ci	ty (of .	loliet			PROJE Impr	2023 ovements	St. Pat's F	Phase 1 W	ater Main	1
OWNE	ER	Ci	ty o	of .	Joliet			LOCA	TION Joliet	, IL			
		ក	(%)	rog	BORING NUMBER	SP-1	2		Unconfined	Compressiv	e Strength, T	ons/Ft. 2	
DEPTH ELEVATION	NO.	TYPE	REC.	GRAPHIC	APPROX. SURFACE E	ELEVATION (M.	.S.L.) +/-	OVM	1	2	3 4	5	RKS
DEP	SAMPLE	AMPLER	1		STATION	OFFSET from	CL	ppm	PL		MC X	LL A	REMARKS
딥	S.	SAI	SAMPLE	SOIL	DESCRIPTION ((LABORATORY (CLASSIFICATIO	ON)		10		30 HEOVS 30 40	50 SPERFI.	
		нѕ		₩ •	4.75" BITUMINOUS CO 8" CRUSHED STONE	NCRETE PAVE	MENT						
	1	SS	56		FILL: CLAY, Brown and Sand and Gravel, Trace V	l Gray, Some Bla Vood, Stiff, Mois	ck, Trace t	0	88	• ×			
2.5 –													
-		HS			SILTY CLAY, Brown ar	id Gray, Trace Sa	nd and						_
-	2	SS	89		Gravel, Very Stiff to Hard	d, Moist	(A-6)	0	g	*	8		
5.0 <u>–</u>		нѕ											
-	3	SS	67					0			•		·
7.5 <u>–</u>										19			
-		HS											:
- -	4	SS	83					0		\$ 8		0	
10.0 –					End of Boring at 10 Feet								
-					Note: 1. All soil samples were:	ecreened with a							
- 12.5 –					MiniRae300 OVM photo and by utilizing olfactory	ionization detect senses. No petrol	eum	,					
_					odors were detected in all ppm.	samples and all r	-1D = 0				,		
-													
15.0 <u>–</u>													
- -													
- 17.5													
-													
-													
_			! -—	<u> </u>				8 (Calibrated Penet			pression	
		٧	Vater	Le	vel Observations		SEE	CO		Boring Sta		9/9/22	
W.L.	_	m 1	N/C	NA!	D A O D	Cor	nsulta	ints, I	nc.	Boring Cor Driller		9/9/22	
W.L.		ry V	v 3/	44	D Dry ACR	7350 Duvan Approved	CWG	Job No.	13120G	Drawn By	SW	Rig Sheet	D-50 1 of 1

November 03, 2022

Mr. Don Cassier **SEECO ENVIRONMENTAL SERVICES**7350 Duvan Drive

Tinley Park, IL 60477

Project ID: JOL WM

First Environmental File ID: 22-8263 Date Received: October 28, 2022

Dear Mr. Don Cassier:

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

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

1002922022-8: effective 02/10/2022 through 02/28/2023.

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

Sincerely,

Neal Cleghorn

Project Manager

Alal & Clephon

Case Narrative

SEECO ENVIRONMENTAL SERVICES

Lab File ID: 22-8263

Project ID: JOL WM

Date Received: October 28, 2022

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

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

Laboratory Sample ID	Client Sample Identifier	Date/Time	Collected
22-8263-001	SP-1 2'	10/22/22	7:00
22-8263-002	SP-2 2'	10/22/22	7:30
22-8263-003	SP-3 3'	10/22/22	8:00
22-8263-004	SP-4 2'	10/22/22	8:30
22-8263-005	SP-5 4'	10/22/22	9:00
22-8263-006	SP-6 3'	10/22/22	9:30
22-8263-007	SP-7 3'	10/22/22	10:00
22-8263-008	SP-8 2'	10/22/22	10:30
22-8263-009	SP-9 2'	10/22/22	11:00
22-8263-010	SP-10 3'	10/22/22	11:30
22-8263-011	SP-11 2'	10/22/22	12:00
22-8263-012	SP-12 2'	10/22/22	12:30

Sample Batch Comments:

Sample acceptance criteria were met.



Case Narrative

SEECO ENVIRONMENTAL SERVICES

Lab File ID: 22-8263

Project ID: JOL WM

Date Received: October 28, 2022

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

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

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



Analytical Report

Client:

SEECO ENVIRONMENTAL SERVICES

Date Received: 10/28/22

Project ID:

JOL WM

Date Reported: 11/03/22

Results are reported on an "as received" basis

Lab No:	Sample I	D: Analyte		Result	R.L.	Units	Flags
рН @ 25°C, 1	:2	Meth	od: 9045D				
22-8263-001	SP-1 2'		Date Collected: 10/22/22	? Time C	Collected:	7:00	
Analysis Date:	11/02/22	1:45 PM					
		рН @ 25°C	., 1:2	8.28		Units	
22-8263-002	SP-2 2'		Date Collected: 10/22/22	Time C	collected:	7:30	
Analysis Date:	11/02/22	1:45 PM					
		рН @ 25°C	., 1:2	7.93		Units	
22-8263-003	SP-3 3'		Date Collected: 10/22/22	Time C	collected:	8:00	
Analysis Date:	11/02/22	1:45 PM					
		рН @ 25°С	, 1:2	7.91		Units	
22-8263-004	SP-4 2'		Date Collected: 10/22/22	Time C	collected:	8:30	
Analysis Date:	11/02/22	1:45 PM					
	***********	рН @ 25°C	, 1:2	7.98		Units	
22-8263-005	SP-5 4'		Date Collected: 10/22/22	Time C	ollected:	9:00	
Analysis Date:	11/02/22	1:45 PM					
		рН @ 25°C	, 1:2	7.83		Units	
22-8263-006	SP-6 3'		Date Collected: 10/22/22	Time C	ollected:	9:30	
Analysis Date:	11/02/22	1:45 PM					
		рН @ 25°C	, 1:2	8.39		Units	
22-8263-007	SP-7 3'		Date Collected: 10/22/22	Time C	ollected:	10:00	
Analysis Date:	11/02/22	1:45 PM					
		рН @ 25°C	, 1:2	8.45	*******	Units	
22-8263-008	SP-8 2'		Date Collected: 10/22/22	Time C	ollected:	10:30	
Analysis Date:	11/02/22	1:45 PM					
		рН @ 25°C	, 1:2	8.48		Units	,
22-8263-009	SP-9 2'		Date Collected: 10/22/22	Time C	ollected:	11:00	
Analysis Date:	11/02/22	1:45 PM	4.4	7. 00			
***************************************		рН @ 25°C		7.90		Units	
22-8263-010	SP-10 3'		Date Collected: 10/22/22	Time C	ollected:	11:30	
Analysis Date:	11/02/22	1:45 PM	4.4	0.00			
		рН @ 25°C	, 1:2	8.23		Units	

IL ELAP / NELAC Certification # 100292

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • FirstEnv.com

Analytical Report

Client:

SEECO ENVIRONMENTAL SERVICES

Date Received: 10/28/22

Project ID:

JOL WM

Date Reported: 11/03/22

Results are reported on an "as received" basis.

Lab No:	Sample I	D: Analyte			Result	R.L.	Units	Flags
22-8263-011	SP-11 2'		Date Collected:	10/22/22	Time C	ollected:	12:00	-
Analysis Date:	11/02/22	1:45 PM						
		pH @ 25	°C, 1:2		8.27		Units	
22-8263-012	SP-12 2'		Date Collected:	10/22/22	Time C	ollected:	12:30	
Analysis Date:	11/02/22	1:45 PM						
		рН @ 25	°C, 1:2		8.46		Units	



First Environmental Laboratories, Inc.

1600 Shore Road, Suite D
Naperville, IL 60563
Phone: (630)778-1200 * Fax (630)778-1233
E-Mail: firstinfo@firstenv.com
IEPA Accreditation #100292

www.firstenv.com

CHAIN OF CUSIODY RECORD

Sampled By: DM1	Send Report To: CASSIER	Phone: e-M	City:	Street Address:	Company Name: SEECO	
		fail: CASSIE				
	Hardcopy:	e-Mail: CASSIER@SEECO.COM	State:			
	PDF e-Mail:	MO	Zip:			

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prepared for: Ref:			
2022-09-27			

Environmental Radius Report



Summary

Federal

	< 1/4	1/4 - 1/2	1/2 - 1
Lists of Federal NPL (Superfund) sites	0	0	0
Lists of Federal Delisted NPL sites	0	0	-
Lists of Federal sites subject to CERCLA removals and CERCLA orders	0	0	-
Lists of Federal CERCLA sites with NFRAP	0	0	-
Lists of Federal RCRA facilities undergoing Corrective Action	0	0	-
Lists of Federal RCRA TSD facilities	0	0	-
Lists of Federal RCRA generators	0	-	-
Federal institutional control/engineering control registries	0	-	-
Federal ERNS list	0	-	-

State

	< 1/4	1/4 - 1/2	1/2 - 1
Lists of state and tribal Superfund equivalent sites	0	0	0
Lists of state and tribal hazardous waste facilities	0	2	-
Lists of state and tribal landfills and solid waste disposal facilities	0	0	-
Lists of state and tribal leaking storage tanks	0	5	-
Lists of state and tribal registered storage tanks	1	-	-
State and tribal institutional control/engineering control registries	0	-	-
Lists of state and tribal voluntary cleanup sites	0	2	-
Lists of state and tribal brownfields sites	0	0	-

Other

	< 1/4	1/4 - 1/2	1/2 - 1
State and/or tribal lists of permitted facilities	2	-	-
Resource Conservation and Recovery Act Information (RCRAInfo)	0	7	-
U.S. EPA Underground Storage Tanks (UST)	1	-	-
U.S. EPA Toxic Release Inventory System (TRIS)	0	0	-

Lists of Federal NPL (Superfund) sites

The National Priorities List (NPL) is the list of sites of national priority among the known releases or threatened releases of hazardous substances, pollutants, or contaminants throughout the United States and its territories. The NPL is intended primarily to guide the EPA in determining which sites warrant further investigation. The NPL is updated periodically, as mandated by CERCLA.

There were no Federal NPL sites found within a one-mile radius of the target property.

Lists of Federal Delisted NPL sites

The EPA may delete a final NPL site if it determines that no further response is required to protect human health or the environment. Under Section 300.425(e) of the NCP (55 FR 8845, March 8, 1990), a site may be deleted when no further response is appropriate if EPA determines that one of the following criteria has been met: 1) EPA, in conjunction with the state, has determined that responsible parties have implemented all appropriate response action required, 2) EPA, in consultation with the state, has determined that all appropriate Superfund-financed responses under CERCLA have been implemented and that no further response by responsible parties is appropriate, 3) A remedial investigation/feasibility study (RI/FS) has shown that the release poses no significant threat to public health or the environment and, therefore, remedial measures are not appropriate.

There were no Federal Delisted NPL sites found within a half-mile radius of the target property.

Lists of Federal sites subject to CERCLA removals and CERCLA orders

CERCLA identifies the classes of parties liable under CERCLA for the cost of responding to releases of hazardous substances. In addition, CERCLA contains provisions specifying when Federal installations must report releases of hazardous substances and the cleanup procedures they must follow. Executive Order No. 12580, Superfund Implementation, delegates response authorities to EPA and the Coast Guard. Generally, the head of the Federal agency has the delegated authority to address releases at the Federal facilities in its jurisdiction.

There were no Federal sites subject to CERCLA removals and/or orders found within a half-mile radius of the target property.

Lists of Federal CERCLA sites with NFRAP

No Further Remedial Action Planned (NFRAP) is a decision made as part of the Superfund remedial site evaluation process to denote that further remedial assessment activities are not required and that the facility/site does not pose a threat to public health or the environment sufficient to qualify for placement on the National Priorities List (NPL) based on currently available information. These facilities/sites may be re-evaluated if EPA receives new information or learns that site conditions have changed. A NFRAP decision does not mean the facility/site is free of contamination and does not preclude the facility/site from being addressed under another federal, state or tribal cleanup program.

There were no Federal CERCLA sites with No Further Remedial Action Planned (NFRAP) decisions found within a half-mile radius of the target property.

Lists of Federal RCRA facilities undergoing Corrective Action

Corrective action is a requirement under the Resource Conservation and Recovery Act (RCRA) that facilities that treat, store or dispose of hazardous wastes investigate and cleanup hazardous releases into soil, ground water, surface water and air. Corrective action is principally implemented through RCRA permits and orders. RCRA permits issued to TSDFs must include provisions for corrective action as well as financial assurance to cover the costs of implementing those cleanup measures. In addition to the EPA, 44 states and territories are authorized to run the Corrective Action program.

There were no Federal RCRA facilities undergoing corrective action(s) found within a half-mile radius of the target property.

Lists of Federal RCRA TSD facilities

The final link in RCRA's cradle-to-grave concept is the treatment, storage, and disposal facility (TSDF) that follows the generator and transporter in the chain of waste management activities. The regulations pertaining to TSDFs are more stringent than those that apply to generators or transporters. They include general facility standards as well as unit-specific design and operating criteria.

There were no Federal RCRA treatment, storage and disposal facilities (TSDFs) found within a half-mile radius of target property.

Lists of Federal RCRA generators

A generator is any person who produces a hazardous waste as listed or characterized in part 261 of title 40 of the Code of Federal Regulations (CFR). Recognizing that generators also produce waste in different quantities, EPA established three categories of generators in the regulations: very small quantity generators, small quantity generators, and large quantity generators. EPA regulates hazardous waste under the Resource Conservation and Recovery Act (RCRA) to ensure that these wastes are managed in ways that protet human health and the environment. Generators of hazardous waste are regulated based on the amount of hazardous waste they generate in a calendar month, not the size of their business or facility.

There were no Federal RCRA generators found at the target property and/or adjoining properties.

Federal institutional control/engineering control registries

Institutional Controls (IC) are defined as non-engineered and/or legal controls that minimize the potential human exposure to contamination by limiting land or resource use. Whereas, Engineering Controls (EC) consist of engineering measures (e.g., caps, treatment systems, etc.) designed to minimize the potential for human exposure to contamination by either limiting direct contact with contaminated areas or controlling migration of contaminants through environmental media.

There were no Federal institutional or engineering controls found at the target property.

Federal ERNS list

The Emergency Response Notification System (ERNS) is a database used to store information on notification of oil discharges and hazardous substances releases. The ERNS program is a cooperative data sharing effort encompassing the National Response Center (NRC), operated by the US Coast Guard, EPA HQ and EPA regional offices. ERNS data is used to analyze release notifications, track EPA responses and compliance to environmental laws, support emergency planning efforts, and assist decision-makers in developing spill prevention programs.

There were no Federally recorded releases of oil and/or hazardous substances at the target property.

Lists of state and tribal Superfund equivalent sites

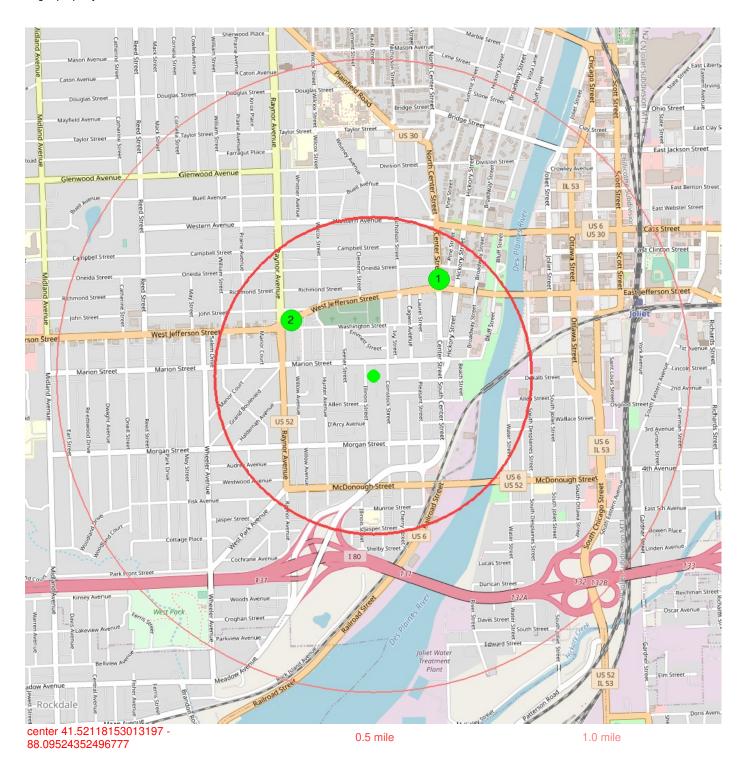
In order to maintain close coordination with the states and tribes in the NPL listing decision process, the EPA's policy is to determine the position of states and tribes on sites that EPA is considering for listing. Consistent with this policy, since 1996, it has been the EPA's general practice to seek the state or tribe's position on sites under consideration for NPL listing by submitting a written requiest to the governor/state environmental agency or tribe. Various states may have their own program for identifying, investigating and cleaning up sites where consequential amounts of hazardous waste may have been disposed that work in conjunction with the EPA's Superfund remedial program.

There were no State and/or tribal Superfund equivalent sites found within a one-mile radius of target property.

Lists of state and tribal hazardous waste facilities

IEPA - RCRA HAZARDOUS WASTE FACILITIES

The Resource Conservation and Recovery Act's (RCRA) hazardous waste permitting program ensures the safe management of hazardous wastes. Under this program, EPA establishes requirements regarding the treatment, storage and disposal of hazardous wastes. The permitting program is important to the cradle-to-grave management system for hazardous wastes, which prevents dangerous releases and avoids costly Superfund cleanups. Permits are issued by authorized state or EPA regional offices. State and EPA cooperate to implement RCRA. Hazardous waste management facilities receive hazardous wastes for treatment, storage, or disposal. These facilities are often referred to as treatment, storage and disposal facilities, or TSDFs. This data set was searched to return all records within a half-mile of the target property.



IEPA - RCRA HAZARDOUS WASTE FACILITIES



RCRA Name KINNEY RAY MOTORS

Source ID ILD984830166
Address 104 N CENTER ST

City JOLIET
Registry ID 110005893943

Significant Non-Compliance **No** distance from center (miles) 0.3689

data source last updated 2022-02-18 from IEPA-HWF



RCRA Name PRECISION TUNE
Source ID ILD984830000
Address 714 W JEFFERSON

City **JOLIET**

Registry ID 110005893836

Significant Non-Compliance **No** distance from center (miles) 0.3132

data source last updated 2022-02-18 from IEPA-HWF

Lists of state and tribal landfills and solid waste disposal facilities

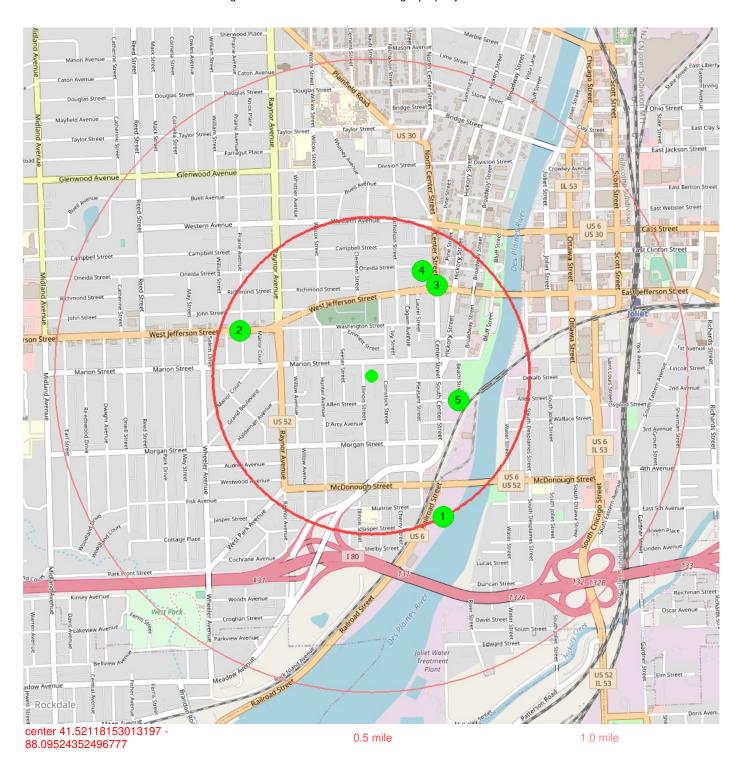
Title 40 of the CFR parts 239 through 259 contain the regulations for non-hazardous solid waste programs set up by the states. EPA has requirements for state solid waste permit programs, guidelines for the processing of solid waste, guidelines for storage and collection of commercial, residential and institutional solid waste, and the criteria for municipal solid waste landfills. State solid waste programs may be more stringent than the federal code requires.

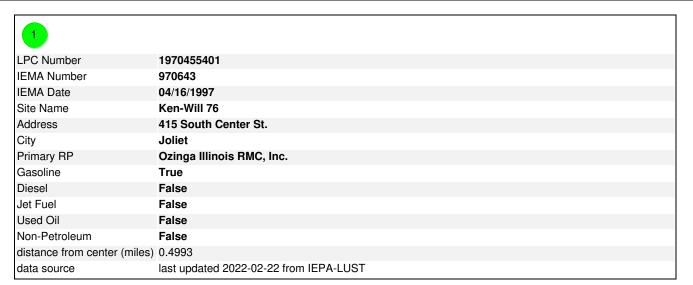
There were no State and/or tribal landfills or solid waste disposal facilities found within a half-mile radius of the target property.

Lists of state and tribal leaking storage tanks

IEPA - LEAKING UNDERGROUND STORAGE TANKS

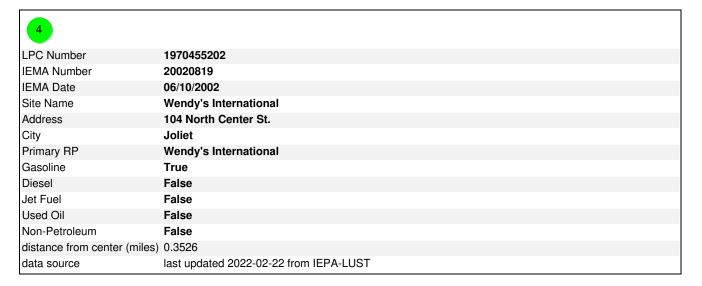
The Illinois Environmental Protection Agency (IEPA) Leaking UST Section oversees the remedial activities after a release from an UST has been reported to the Illinois Emergency Management Agency. This dataset has been acquired from Illinois EPA's Leaking UST database, and has been searched to return all leaking USTs within a half-mile of the target property.





2	
LPC Number	1970455193
IEMA Number	891847
IEMA Date	09/21/1989
Site Name	L&M Hubcaps (currently AD Joliet, Inc.)
Address	912 West Jefferson St.
City	Joliet
Primary RP	L&M Hubcaps
Gasoline	True
Diesel	False
Jet Fuel	False
Used Oil	False
Non-Petroleum	False
Non-LUST Date	11/26/2013
distance from center (miles)	0.4382
data source	last updated 2022-02-22 from IEPA-LUST

3	
LPC Number	1970455202
IEMA Number	20020818
IEMA Date	06/10/2002
Site Name	Wendy's International
Address	104 North Center St.
City	Joliet
Primary RP	Wendy's International
Gasoline	False
Diesel	False
Jet Fuel	False
Used Oil	False
Non-Petroleum	False
distance from center (miles)	0.3526
data source	last updated 2022-02-22 from IEPA-LUST

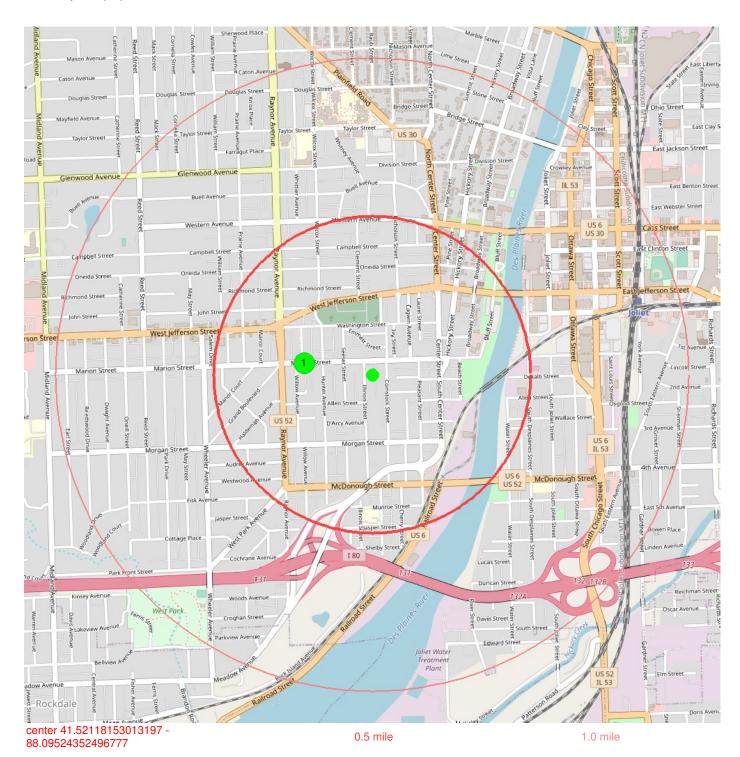


_	
5	
LPC Number	1970455427
IEMA Number	980751
IEMA Date	04/06/1998
Site Name	Wunderich Doors, Inc.
Address	300 West Allen St.
City	Joliet
Primary RP	Wunderich Doors, Inc.
Gasoline	True
Diesel	False
Jet Fuel	False
Used Oil	False
Non-Petroleum	False
distance from center (miles)	0.2879
data source	last updated 2022-02-22 from IEPA-LUST

Lists of state and tribal registered storage tanks

ISFM - UNDERGROUND STORAGE TANKS

Illinois State Fire Marshal (ISFM) Office of Petroleum and Chemical Safety maintains a database containing the locations and regulatory status of underground storage tanks (USTs) within the state of Illinois. This database was searched to return all USTs relating to the target and/or adjacent properties.



1	
- W ID	******
Facility ID	2025887
Facility Status	Closed
Facility Name	St Patricks Church
Address	710 W Marion
City	Joliet
Facility Type	None
Owner ID	U0014390
Tank ID	2
Tank Status	Removed
Tank Regulated Status	Federal
Tank Capacity	8000
Product	Heating Oil
Last Used Date	12/1/1980
Removed Date	8/1/1990
OSFM First Notify Date	7/2/1990
distance from center (miles)	0.2180
data source	last updated 2022-03-29 from ISFM-UST

State and tribal institutional control/engineering control registries

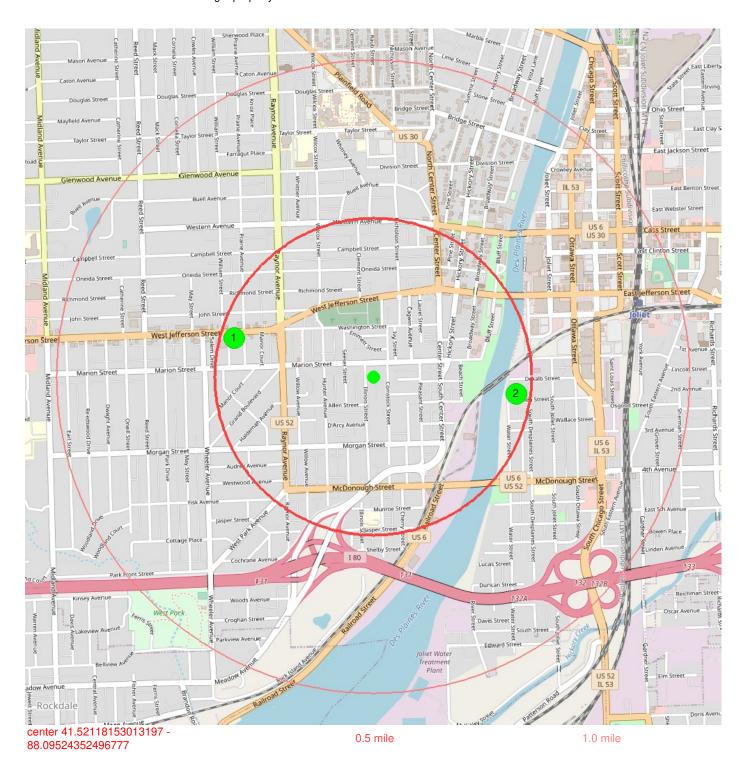
Institutional controls are non-engineered instruments such as administrative and legal controls that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Engineering controls consist of engineering measures (e.g., caps, treatment systems, etc.) designed to minimize the potential for human exposure to contamination by either limiting direct contact with contaminated areas or controlling migration of contaminants through environmental media. It is EPA's 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.

There were no State and/or tribal institutional and/or engineering controls found filed against the target property.

Lists of state and tribal voluntary cleanup sites

IEPA - SITE REMEDIATION PROGRAM

The Voluntary Site Remediation Program (VSRP) provides Remediation Applicants (i.e., any persons seeking to perform investigavtive or remedial activities) the opportunity to receive Illinois Environmental Protection Agency (IEPA) review, technical assistance and no further remediation determinations from the IEPA. IEPA is authorized to issue No Further Remediation (NFR) letters to the Remedial Applicants who have successfully demonstrated, through proper investigation and, when warranted, remedial action, that environmental conditions at their remediation site do not present a significant risk to human health or the environment. This dataset has been searched to return all VSRP sites within a half-mile of the target property.





IEPA ID 1970455193
Site Name Auto Doc

Address 912 West Jefferson Street

City **Joliet**

Consultant Company Applied Geoscience, Inc.

Active Site **No** distance from center (miles) 0.4556

data source last updated 2022-02-22 from IEPA-VSR



IEPA ID 1974450103

Site Name Treadstone Tire Recycling
Address 175 South Des Plaines Street

City **Joliet**

Consultant Company Environmental Consulting Group, Inc.

Active Site **No** distance from center (miles) 0.4560

data source last updated 2022-02-22 from IEPA-VSR

Lists of state and tribal brownfields sites

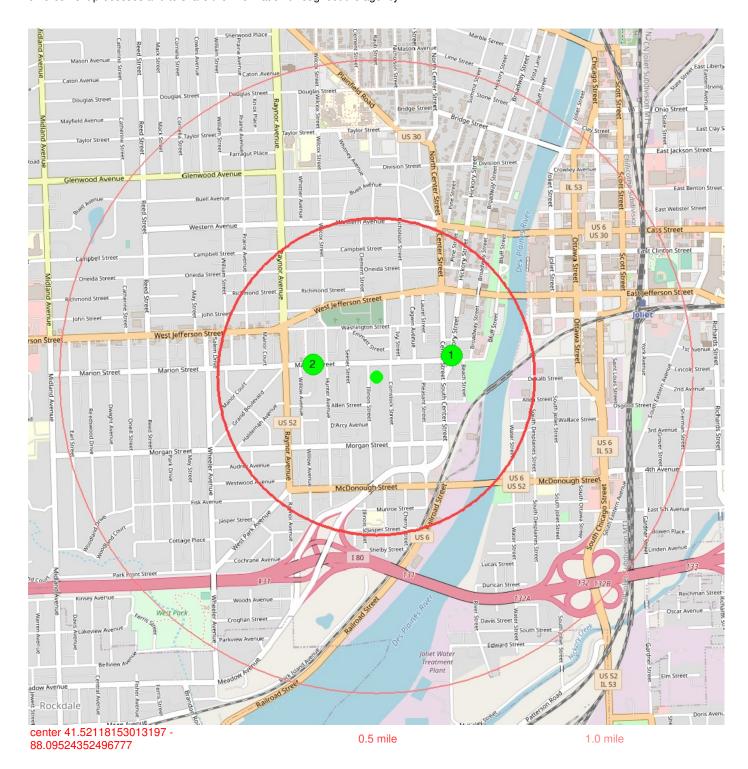
Since its inception in 1995, EPA's Brownfields and Land Revitalization Program has grown into a proven, results-oriented program that has changed the way communities address and manage contaminated property. The program is designed to empower states, tribes, communities, and other stakeholders to work together to prevent, assess, safely clean up, and sustainably reuse brownfields. Beginning in the mid-1990s, EPA provided small amounts of seed money to local governments that launched hundreds of two-year Brownfields pilot projects and developed guidance and tools to help states, communities and other stakeholders in the cleanup and redevelopment of brownfields sites.

There were no State and/or tribal brownfields sites found within a half-mile radius of the target property.

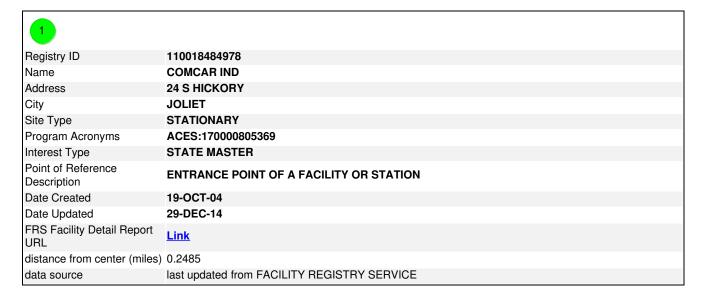
State and/or tribal lists of permitted facilities

ILLINOIS - AGENCY COMPLIANCE AND ENFORCEMENT SYSTEMS

The ACES computer system supports the compliance and enforcement activities that exist primarily within the Illinois Bureaus of Air, Water, and Land, the Division of Legal Counsel, and the Office of Chemical Safety. The intent of the system is to track compliance and enforcement processes and to share the information throughout the agency.



ILLINOIS - AGENCY COMPLIANCE AND ENFORCEMENT SYSTEMS



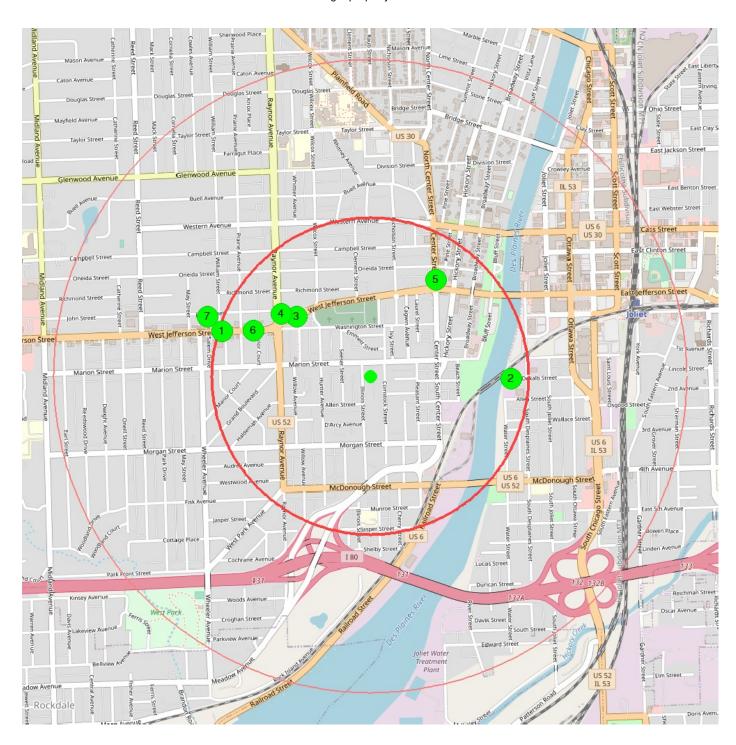
2	
Registry ID	110018485058
Name	ST PATRICKS CHURCH
Address	710 W MARION
City	JOLIET
Site Type	STATIONARY
Program Acronyms	ACES:170000805635
Interest Type	STATE MASTER
Point of Reference Description	CENTER OF A FACILITY OR STATION
Date Created	19-OCT-04
Date Updated	19-AUG-09
FRS Facility Detail Report URL	<u>Link</u>
distance from center (miles)	0.2027
data source	last updated from FACILITY REGISTRY SERVICE

Resource Conservation and Recovery Act Information (RCRAInfo)

RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

RCRAInfo is EPA's comprehensive information system that supports the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984 through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste.

Please note that RCRAInfo contains all hazardous waste handlers in addition to TSDFs, generators, and facilities undergoing RCRA corrective action. One may encounter duplicate records from the TSDF, generators, and/or the RCRA corrective action sections. This source was searched for all records within a half-mile of the target property.



center 41.52118153013197 - 88.09524352496777

0.5 mile

1.0 mile



Registry ID 110016730493

Name FUJI PHOTO FILM USA INC

Address 916 W JEFFERSON

City JOLIET
Site Type STATIONARY

Program Acronyms ACES:170001434641, RCRAINFO:ILR000126110
Interest Type STATE MASTER, UNSPECIFIED UNIVERSE

Point of Reference Description

CENTER OF A FACILITY OR STATION

Date Created 13-FEB-04
Date Updated 26-JAN-12

FRS Facility Detail Report URL

<u>Link</u>

distance from center (miles) 0.4882

data source last updated from FACILITY REGISTRY SERVICE



Registry ID 110009374649

Name IL BELL

Address 120 W DEKALB ST

City JOLIET
Site Type STATIONARY

Program Acronyms ACES:170000392073, RCRAINFO:ILD982205940, RCRAINFO:ILD982207573

Interest Type STATE MASTER, UNSPECIFIED UNIVERSE
Point of Reference CENTER OF A FACILITY OR STATION

Description CENTER OF A FACILITY OR STATION

Date Created 01-MAR-00
Date Updated 26-JAN-12

FRS Facility Detail Report

URL

<u>Link</u>

distance from center (miles) 0.4446

data source last updated from FACILITY REGISTRY SERVICE



Registry ID 110005857251

Name MCGRATH OFFICE EQUIPMENT INC

Address 710 W JEFFERSON ST

City JOLIET
Site Type STATIONARY

Program Acronyms ACES:170000245651, RCRAINFO:ILD981784911
Interest Type STATE MASTER, UNSPECIFIED UNIVERSE

Point of Reference CENTER OF A FACILITY OR STATION

Description

Date Created

01-MAR-00

Date Updated 26-JAN-12

FRS Facility Detail Report

URL

<u>Link</u>

distance from center (miles) 0.2986

data source last updated from FACILITY REGISTRY SERVICE

RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM



Registry ID 110005893836
Name PRECISION TUNE
Address 714 W JEFFERSON

City JOLIET
Site Type STATIONARY

Program Acronyms ACES:170000278116, RCRAINFO:ILD984830000
Interest Type STATE MASTER, UNSPECIFIED UNIVERSE, VSQG

Point of Reference
Description

CENTER OF A FACILITY OR STATION

Date Created 01-MAR-00

Date Updated 26-JAN-12
FRS Facility Detail Report
Link

URL distance from center (miles) 0.3132

data source last updated from FACILITY REGISTRY SERVICE



Registry ID 110005893943

Name RAY KINNEY MOTORS

Address 104 N CENTER ST

City JOLIET
Site Type STATIONARY

Program Acronyms ACES:170000278223, RCRAINFO:ILD984830166
Interest Type STATE MASTER, UNSPECIFIED UNIVERSE, VSQG

Point of Reference
Description

CENTER OF A FACILITY OR STATION

Date Created 01-MAR-00
Date Updated 26-JAN-12

Date Updated 26-Ja
FRS Facility Detail Report
Link

URL distance from center (miles) 0.3689

data source last updated from FACILITY REGISTRY SERVICE



Registry ID 110009379715

Name REALTO CLEANERS & DRYERS

Address 819 W JEFFERSON ST

City JOLIET
Site Type STATIONARY

Program Acronyms ACES:170000158941, AIR:IL000197045AGZ, AIRS/AFS:1719700360, RCRAINFO:ILD984848994

Interest Type AIR MINOR, STATE MASTER, UNSPECIFIED UNIVERSE

Point of Reference Description CENTER OF A FACILITY OR STATION

Date Created 01-MAR-00
Date Updated 09-JAN-15

FRS Facility Detail Report

URL
distance from center (miles) 0.3957

data source last updated from FACILITY REGISTRY SERVICE

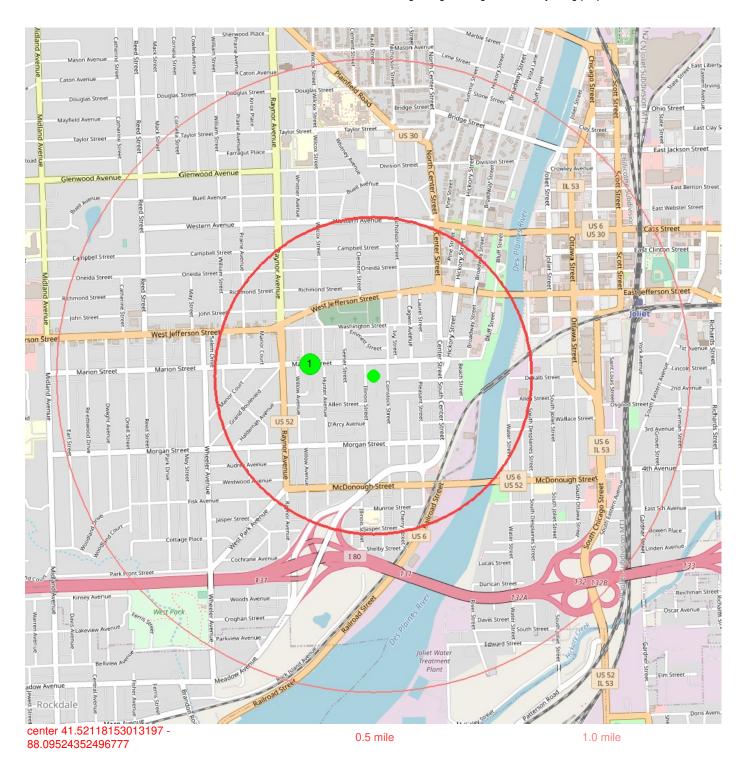
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

7	
Registry ID	110017620485
Name	WALGREENS 2773
Address	916 W JEFFERSON-B
City	JOLIET
Site Type	STATIONARY
Program Acronyms	ACES:170001554627, RCRAINFO:ILR000127290
Interest Type	STATE MASTER, UNSPECIFIED UNIVERSE
Point of Reference Description	CENTER OF A FACILITY OR STATION
Date Created	22-APR-04
Date Updated	26-JAN-12
FRS Facility Detail Report URL	<u>Link</u>
distance from center (miles)	0.4882
data source	last updated from FACILITY REGISTRY SERVICE

U.S. EPA Underground Storage Tanks (UST)

EPA - UNDERGROUND STORAGE TANKS

Approximately 542,000 underground storage tanks (USTs) nationwide store petroleum or hazardous substances. The greatest potential threat from a leaking UST is contamination of groundwater, the source of drinking water for nearly half of all Americans. EPA, states, territories, and tribes work in partnership with industry to protect the environment and human health from potential releases. EPA developed UST Finder, a mapping application containing a comprehensive, state-sourced national map of UST and leaking UST data. It provides attributes and locations of active and closed USTs, UST facilities, and LUST sites from states as of 2018-2019 and from Tribal lands and US territories as of 2020-2021. This data set was searched to return all records regarding the target and/or adjoining properties.



1	
Facility ID	IL2025887
Name	St Patricks Church
Address	710 W Marion
City	Joliet
County	Will
State	Illinois
ZIP Code	60436
Latitude	41.52171151
Longitude	-88.0990923
Closed USTs	2
Facility Status	Closed UST(s)
Land Use	Developed, Medium Intensity
Population Within 1,500ft	2181
Within Source Water Protection Area (SPA)	No
Within Groundwater Wellhead Protection Area (WHPA)	No
Within 100-Year Floodplain	No
distance from center (miles)	0.2024
data source	last updated 2020-11-18 from USEPA-UST

U.S. EPA Toxic Release Inventory System (TRIS)

No records found

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