



March 15, 2016

MAR 2016

Rick & Cathy Gulick
5231 40th Ave
Kenosha, WI 53142

Subject: Environmental Investigation Sampling Results
BRRTS#: 02-30-552186

Dear Mr. and Mrs. Gulick:

In accordance with the executed Agreement to Provide Access for Sampling Activities, and in accordance with Wisconsin Department of Natural Resources (WDNR) regulation NR 716.14, Environmental Forensic Investigations, Inc. (EnviroForensics) is providing the results of laboratory testing of environmental samples collected from your property located at 5231 40th Avenue in Kenosha, Wisconsin. The samples were collected on February 23 and 24, 2015. The sampling activities are part of an environmental investigation being performed for the Martino's Master Drycleaner facility located at 3917 52nd Street in Kenosha, Wisconsin at the direction of the WDNR pursuant to the authority granted to it under State and Federal law. The chemicals of concern for the investigation are the dry cleaning solvent tetrachloroethene (PCE) and its associated breakdown products.

The Responsible Party is:

Martino's Master Drycleaners
3917 52nd Street
Kenosha, WI
262-694-7545

Sampling Results

Two (2) groundwater samples designated 6190-MW-6 and 6190-MW-8 were collected from sampling points MW-6 and MW-8, respectively. The locations of the groundwater sampling points are shown on the attached figure. The results of the groundwater samples are summarized and compared to WDNR standards on the attached Table 1. An excerpt from the laboratory report that relates to the groundwater samples is also attached.

As shown on Table 1, groundwater sample 6190-MW-6 contained PCE at a concentration above the preventive action limit but below the enforcement standard. Groundwater sample 6190-MW-8 contained PCE, trichloroethene, cis-1,2-dichloroethene, and vinyl chloride above the respective enforcement standards. No other chemicals of concern were detected.

Document: 6190-0827
Environmental Forensic Investigations, Inc.
N16 W23390 Stone Ridge Drive, Suite G, Waukesha, WI 53188
Phone: 262-290-4001 • Fax 317-972-7875



We will re-sample the groundwater sampling points periodically during our investigations. We will contact you to schedule these additional sampling events. If you have any questions or concerns, please contact us at 262-290-4001 or by email at bkappen@enviroforensics.com. The WDNR project manager, Doug Cieslak, can be reached at 262-884-2344. We greatly appreciate your help and patience with this matter.

Sincerely,
Environmental Forensic Investigations, Inc.

A handwritten signature in black ink, appearing to read "Brian Kappen".

Brian Kappen, PG
Project Manager

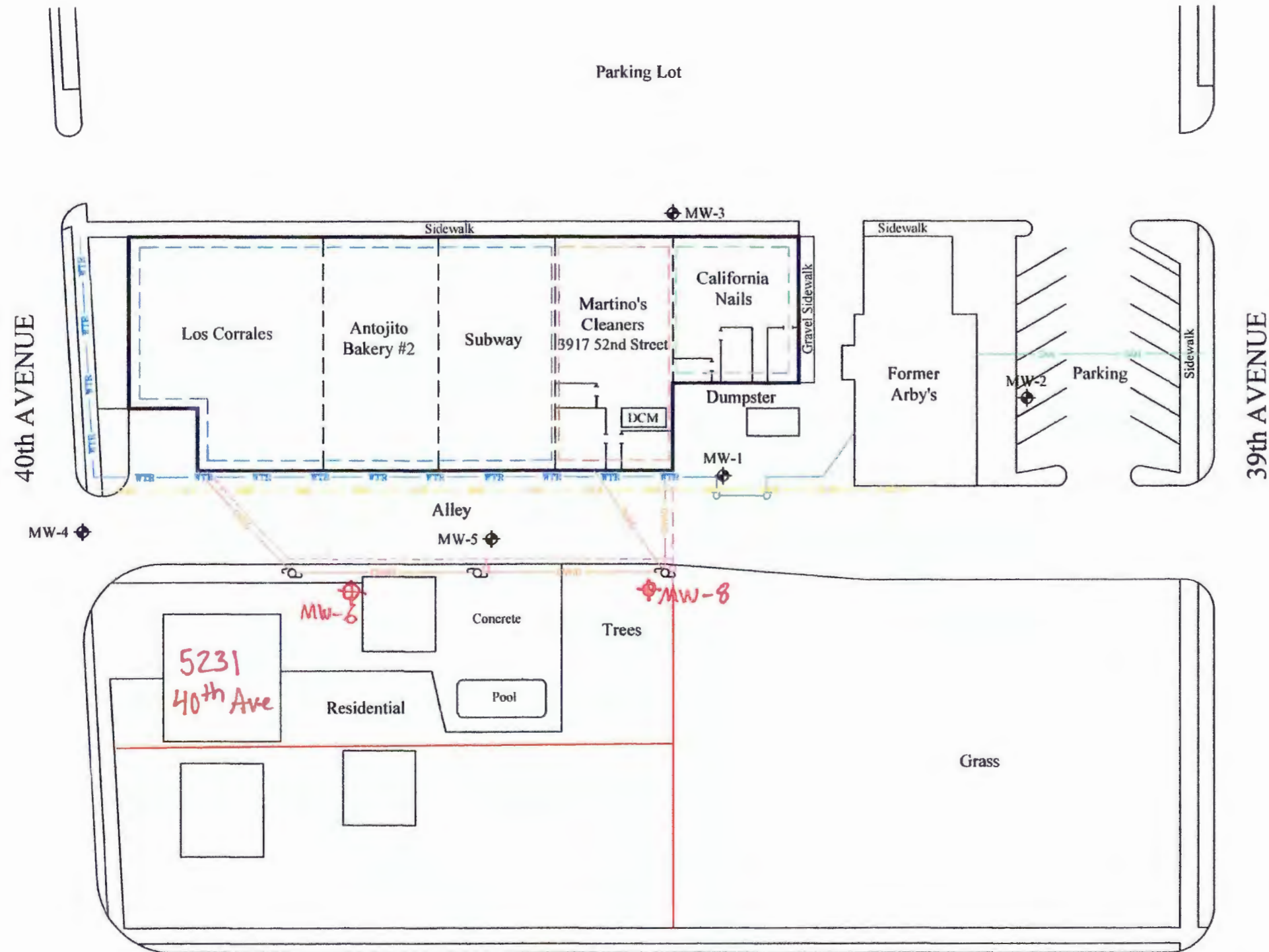
A handwritten signature in black ink, appearing to read "Wayne Fassbender".

Wayne Fassbender, PG, PMP
Senior Project Manager

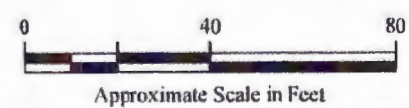
Copy: Doug Cieslak, Wisconsin Department of Natural Resources

Attachments: Sample Location Map
Groundwater Sample Results Summary
Analytical Laboratory Report Excerpt

K:\Drawings\6190 Martino's Cleaners 52nd-W\12 FSI (2) Investigation\12a FSI (2) Work Scope Development\6190-12a_12wsd0.dwg



- Legend**
- ◆ Groundwater sample location
 - - - Slab foundation #1
 - - - Slab foundation #2
 - - - Slab foundation #3



SAMPLE LOCATION MAP

Martino's Cleaners
3917 52nd Street
Kenosha, Wisconsin

Date:	8/02/12
Designed:	MM
Drawn:	MM
Checked:	JG
DWG file:	6190-12a_12wsd0

ENVIROforensics

ENVIRONMENTAL FORENSIC INVESTIGATIONS, INC.
602 N. Capitol Ave., Ste. 210 • Indianapolis, IN 46204
EnviroForensics.com

Figure	4
Project	6190



Table 1
Groundwater Sample Results Summary - 5231 40th Avenue
 Martino's 52nd Street
 Kenosha, Wisconsin

Well Identification	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	Chloroform	Toluene
Enforcement Standard		5	5	70	100	0.2	6	800
Preventive Action Limit		0.5	0.5	7	20	0.02	0.6	160
MW-6	12/9/2014	4.4	0.92 J	0.45 J	<0.35	<0.18	<0.28	<0.69
	3/17/2015	1.67 J	<0.47	<0.45	<0.54	<0.17	<0.43	<0.44
	6/18/2015	1.79 J	0.71 J	0.75 J	<0.54	<0.17	<0.43	<0.44
	9/16/2015	2.19	0.54 J	<0.45	<0.54	<0.17	<0.43	<0.44
	12/3/2015	3.2	0.94 J	0.52 J	<0.54	<0.17	<0.43	0.56 J
	2/24/2016	0.81 J	<0.47	<0.45	<0.54	<0.17	<0.43	<0.44
MW-8	10/24/2014	<1.65	3.15 J	120	3.15 J	12.4	<1.4	<3.45
	12/9/2014	0.73 J	3.8	192	5.4	3.3	0.41 J	<0.69
	3/17/2015	226	6.4	169	4.1	6.1	<0.43	<0.44
	6/17/2015	155	6.9	61	1.48 J	5.7	<0.43	<0.44
	9/16/2015	47	37	650	12.4	21.8	<0.43	<0.44
	2/23/2016	10.9 J	12.2 J	133	<5.4	5.6	<4.3	<4.4

Notes:

Samples analyzed for VOCs according to EPA Method 8260

Only detected compounds are listed

All concentrations reported in micrograms per liter (µg/L)

Bolded values are above method detection limits

Bolded and orange shaded values are above Public Health Enforcement Standard

Bolded and blue shaded values are above Public Health Preventive Action Limit

J = Analyte concentration detected between the Method Detection Limit and Reporting Limit

Project Name MARTINO'S 52ND STREET
 Project # 6190.20b

Invoice # E30562

Lab Code 5030562G
 Sample ID 6190-MW-6
 Sample Matrix Water
 Sample Date 2/24/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		2/29/2016	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		2/29/2016	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		2/29/2016	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		2/29/2016	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		2/29/2016	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		2/29/2016	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		2/29/2016	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		2/29/2016	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		2/29/2016	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		2/29/2016	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		2/29/2016	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		2/29/2016	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		2/29/2016	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		2/29/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		2/29/2016	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		2/29/2016	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		2/29/2016	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		2/29/2016	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		2/29/2016	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		2/29/2016	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		2/29/2016	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		2/29/2016	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		2/29/2016	CJR	1
cis-1,2-Dichloroethene	< 0.45	ug/l	0.45	1.4	1	8260B		2/29/2016	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		2/29/2016	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		2/29/2016	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		2/29/2016	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		2/29/2016	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		2/29/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		2/29/2016	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		2/29/2016	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		2/29/2016	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		2/29/2016	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		2/29/2016	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		2/29/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		2/29/2016	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		2/29/2016	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		2/29/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		2/29/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		2/29/2016	CJR	1
Tetrachloroethene	0.81 "J"	ug/l	0.49	1.5	1	8260B		2/29/2016	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		2/29/2016	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		2/29/2016	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		2/29/2016	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		2/29/2016	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		2/29/2016	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		2/29/2016	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		2/29/2016	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		2/29/2016	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		2/29/2016	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		2/29/2016	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		2/29/2016	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		2/29/2016	CJR	1
SUR - Toluene-d8	99	REC %			1	8260B		2/29/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	104	REC %			1	8260B		2/29/2016	CJR	1
SUR - 4-Bromofluorobenzene	98	REC %			1	8260B		2/29/2016	CJR	1
SUR - Dibromofluoromethane	105	REC %			1	8260B		2/29/2016	CJR	1

Project Name MARTINO'S 52ND STREET
 Project # 6190.20b

Invoice # E30562

Lab Code 5030562I
 Sample ID 6190-MW-8
 Sample Matrix Water
 Sample Date 2/23/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 4.4	ug/l	4.4	14	10	8260B		2/29/2016	CJR	1
Bromobenzene	< 4.8	ug/l	4.8	15	10	8260B		2/29/2016	CJR	1
Bromodichloromethane	< 4.6	ug/l	4.6	15	10	8260B		2/29/2016	CJR	1
Bromoform	< 4.6	ug/l	4.6	15	10	8260B		2/29/2016	CJR	1
tert-Butylbenzene	< 11	ug/l	11	34	10	8260B		2/29/2016	CJR	1
sec-Butylbenzene	< 12	ug/l	12	38	10	8260B		2/29/2016	CJR	1
n-Butylbenzene	< 10	ug/l	10	33	10	8260B		2/29/2016	CJR	1
Carbon Tetrachloride	< 5.1	ug/l	5.1	16	10	8260B		2/29/2016	CJR	1
Chlorobenzene	< 4.6	ug/l	4.6	14	10	8260B		2/29/2016	CJR	1
Chloroethane	< 6.5	ug/l	6.5	21	10	8260B		2/29/2016	CJR	1
Chloroform	< 4.3	ug/l	4.3	14	10	8260B		2/29/2016	CJR	1
Chloromethane	< 19	ug/l	19	60	10	8260B		2/29/2016	CJR	1
2-Chlorotoluene	< 4	ug/l	4	13	10	8260B		2/29/2016	CJR	1
4-Chlorotoluene	< 6.3	ug/l	6.3	20	10	8260B		2/29/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 14	ug/l	14	45	10	8260B		2/29/2016	CJR	1
Dibromochloromethane	< 4.5	ug/l	4.5	14	10	8260B		2/29/2016	CJR	1
1,4-Dichlorobenzene	< 4.9	ug/l	4.9	16	10	8260B		2/29/2016	CJR	1
1,3-Dichlorobenzene	< 5.2	ug/l	5.2	16	10	8260B		2/29/2016	CJR	1
1,2-Dichlorobenzene	< 4.6	ug/l	4.6	15	10	8260B		2/29/2016	CJR	1
Dichlorodifluoromethane	< 8.7	ug/l	8.7	28	10	8260B		2/29/2016	CJR	1
1,2-Dichloroethane	< 4.8	ug/l	4.8	15	10	8260B		2/29/2016	CJR	1
1,1-Dichloroethane	< 11	ug/l	11	36	10	8260B		2/29/2016	CJR	1
1,1-Dichloroethene	< 6.5	ug/l	6.5	21	10	8260B		2/29/2016	CJR	1
cis-1,2-Dichloroethene	133	ug/l	4.5	14	10	8260B		2/29/2016	CJR	1
trans-1,2-Dichloroethene	< 5.4	ug/l	5.4	17	10	8260B		2/29/2016	CJR	1
1,2-Dichloropropane	< 4.3	ug/l	4.3	13.7	10	8260B		2/29/2016	CJR	1
2,2-Dichloropropane	< 31	ug/l	31	98	10	8260B		2/29/2016	CJR	1
1,3-Dichloropropane	< 4.2	ug/l	4.2	13	10	8260B		2/29/2016	CJR	1
Diisopropyl ether	< 4.4	ug/l	4.4	14	10	8260B		2/29/2016	CJR	1
EDB (1,2-Dibromoethane)	< 6.3	ug/l	6.3	20	10	8260B		2/29/2016	CJR	1
Ethylbenzene	< 7.1	ug/l	7.1	23	10	8260B		2/29/2016	CJR	1
Hexachlorobutadiene	< 22	ug/l	22	71	10	8260B		2/29/2016	CJR	1
Isopropylbenzene	< 8.2	ug/l	8.2	26	10	8260B		2/29/2016	CJR	1
p-Isopropyltoluene	< 11	ug/l	11	35	10	8260B		2/29/2016	CJR	1
Methylene chloride	< 13	ug/l	13	42	10	8260B		2/29/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 11	ug/l	11	37	10	8260B		2/29/2016	CJR	1
Naphthalene	< 16	ug/l	16	52	10	8260B		2/29/2016	CJR	1
n-Propylbenzene	< 7.7	ug/l	7.7	24	10	8260B		2/29/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 5.2	ug/l	5.2	17	10	8260B		2/29/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 4.8	ug/l	4.8	15	10	8260B		2/29/2016	CJR	1
Tetrachloroethene	10.9 "J"	ug/l	4.9	15	10	8260B		2/29/2016	CJR	1
Toluene	< 4.4	ug/l	4.4	14	10	8260B		2/29/2016	CJR	1
1,2,4-Trichlorobenzene	< 17	ug/l	17	56	10	8260B		2/29/2016	CJR	1
1,2,3-Trichlorobenzene	< 27	ug/l	27	86	10	8260B		2/29/2016	CJR	1
1,1,1-Trichloroethane	< 8.4	ug/l	8.4	27	10	8260B		2/29/2016	CJR	1
1,1,2-Trichloroethane	< 4.8	ug/l	4.8	15.2	10	8260B		2/29/2016	CJR	1
Trichloroethene (TCE)	12.2 "J"	ug/l	4.7	15	10	8260B		2/29/2016	CJR	1
Trichlorofluoromethane	< 8.7	ug/l	8.7	28	10	8260B		2/29/2016	CJR	1
1,2,4-Trimethylbenzene	< 16	ug/l	16	50	10	8260B		2/29/2016	CJR	1
1,3,5-Trimethylbenzene	< 15	ug/l	15	48	10	8260B		2/29/2016	CJR	1
Vinyl Chloride	5.6	ug/l	1.7	5.4	10	8260B		2/29/2016	CJR	1
m&p-Xylene	< 22	ug/l	22	69	10	8260B		2/29/2016	CJR	1
o-Xylene	< 9	ug/l	9	29	10	8260B		2/29/2016	CJR	1
SUR - Toluene-d8	101	REC %			10	8260B		2/29/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	98	REC %			10	8260B		2/29/2016	CJR	1
SUR - 4-Bromofluorobenzene	97	REC %			10	8260B		2/29/2016	CJR	1
SUR - Dibromofluoromethane	101	REC %			10	8260B		2/29/2016	CJR	1

Project Name MARTINO'S 52ND STREET
Project # 6190.20b

Invoice # E30562

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

<i>Code</i>	<i>Comment</i>
1	Laboratory QC within limits.

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature

Environmental Lab, Inc.

1990 Prospect Ct. • Appleton, WI 54914
920-830-2455 • FAX 920-733-0631

Sample Handling Request

Rush Analysis Date Required _____
(Rushes accepted only with prior authorization)

Normal Turn Around

Lab I.D. # _____
Account No.: _____ Quote No.: _____
Project #: 6190-20b
Sampler: (signature) Morgan Stettinisch

Project (Name / Location): Martind's 53rd St
Reports To: B. Kappen / M. Stettinisch Invoice To: _____
Company: EnviroForensics Company: _____
Address: N16 W9339 Stone Ridge Dr Stg Address: _____
City State Zip: Waukesha WI 53186 City State Zip: _____
Phone: 317-972-7870 Phone: _____
FAX: _____ FAX: _____

Analysis Requested										Other Analysis												
DFO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 542.2)	VOC (EPA 8260)	8-PCRA METALS							PID/ FID		

Lab I.D.	Sample I.D.	Collection Date	Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)	Preservation
<u>S030562A</u>	<u>6190-MW-1</u>	<u>2/23</u>	<u>1615</u>			<u>N</u>	<u>3</u>	<u>GW</u>	<u>HCl</u>
<u>B</u>	<u>6190-MW-2</u>	<u>2/24</u>	<u>1011</u>			<u>N</u>	<u>3</u>	<u>GW</u>	<u>HCl</u>
<u>C</u>	<u>6190-MW-3</u>	<u>2/24</u>	<u>1310</u>			<u>N</u>	<u>3</u>	<u>GW</u>	<u>HCl</u>
<u>D</u>	<u>6190-MW-4</u>	<u>2/24</u>	<u>1150</u>			<u>N</u>	<u>3</u>	<u>GW</u>	<u>HCl</u>
<u>E</u>	<u>6190-PZ-5</u>	<u>2/23</u>	<u>1601</u>			<u>N</u>	<u>3</u>	<u>GW</u>	<u>HCl</u>
<u>F</u>	<u>6190-MWST</u>	<u>2/23</u>	<u>1509</u>			<u>N</u>	<u>3</u>	<u>GW</u>	<u>HCl</u>
<u>G</u>	<u>6190-MW-6</u>	<u>2/24</u>	<u>1238</u>			<u>N</u>	<u>3</u>	<u>GW</u>	<u>HCl</u>
<u>H</u>	<u>6190-MW-7</u>	<u>2/23</u>	<u>1357</u>			<u>N</u>	<u>3</u>	<u>GW</u>	<u>HCl</u>
<u>I</u>	<u>6190-MW-8</u>	<u>2/23</u>	<u>1058</u>			<u>N</u>	<u>3</u>	<u>GW</u>	<u>HCl</u>
<u>J</u>	<u>6190-MW-9</u>	<u>2/23</u>	<u>1410</u>			<u>N</u>	<u>3</u>	<u>GW</u>	<u>HCl</u>

Comments/Special Instructions ("Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)

PO# 2016116

Sample Integrity - To be completed by receiving lab.
Method of Shipment: SM
Temp. of Temp. Blank _____ °C On Ice:
Cooler seal intact upon receipt: Yes _____ No

Relinquished By: (sign) Morgan Stettinisch Time 9:44 Date 2/25/16
Received By: (sign) [Signature] Time 9:45 Date 2/25/16
Received in Laboratory By: Cheryl R... Time 9:30 Date 2/26/16



March 16, 2016

MAR 16 2016

Stephanie Espinoza
5233 40th Ave
Kenosha, WI 53142

**Subject: Environmental Investigation Sampling Results
BRRTS#: 02-30-552186**

Dear Ms. Espinoza:

In accordance with the executed Agreement to Provide Access for Sampling Activities, and in accordance with Wisconsin Department of Natural Resources (WDNR) regulation NR 716.14, Environmental Forensic Investigations, Inc. (EnviroForensics) is providing the results of laboratory testing of environmental samples collected from your property located at 5233 40th Avenue in Kenosha, Wisconsin. The sample was collected on February 23, 2016. The sampling activities are part of an environmental investigation being performed for the Martino's Master Drycleaner facility located at 3917 52nd Street in Kenosha, WI at the direction of the WDNR pursuant to the authority granted to it under State and Federal law. The chemicals of concern for the investigation are the dry cleaning solvent tetrachloroethene (PCE) and its associated breakdown products.

The Responsible Party is:

Martino's Master Drycleaners
3917 52nd Street
Kenosha, WI
262-694-7545

Sampling Results

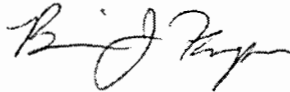
One (1) groundwater sample designated 6190-MW-7 was collected from sampling point MW-7. The location of the groundwater sampling point is shown on the attached figure. The results of the groundwater sample are summarized and compared to WDNR standards on the attached Table 1. An excerpt from the laboratory report that relates to the groundwater sample is also attached.

As shown on Table 1, groundwater sample 6190-MW-7 contained PCE and cis-1,2-dichloroethene at concentrations above the preventive action limits but below the enforcement standards. No other chemicals of concern were detected in the groundwater sample. Chloroform, which is unrelated to the breakdown of PCE, was detected in the groundwater sample at a concentration above the preventive action limit but below the enforcement standard.

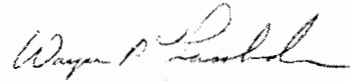
Document: 6190-0825
Environmental Forensic Investigations, Inc.
N16 W23390 Stone Ridge Drive, Suite G, Waukesha, WI 53188
Phone: 262-290-4001 • Fax 317-972-7875

We will re-sample the groundwater sampling point periodically during our investigations. We will contact you to schedule these additional sampling events. If you have any questions or concerns, please contact us at 262-290-4001 or by email at bkappen@enviroforensics.com. The WDNR project manager, Doug Cieslak, can be reached at 262-884-2344. We greatly appreciate your help and patience with this matter.

Sincerely,
Environmental Forensic Investigations, Inc.

Handwritten signature of Brian Kappen in black ink.

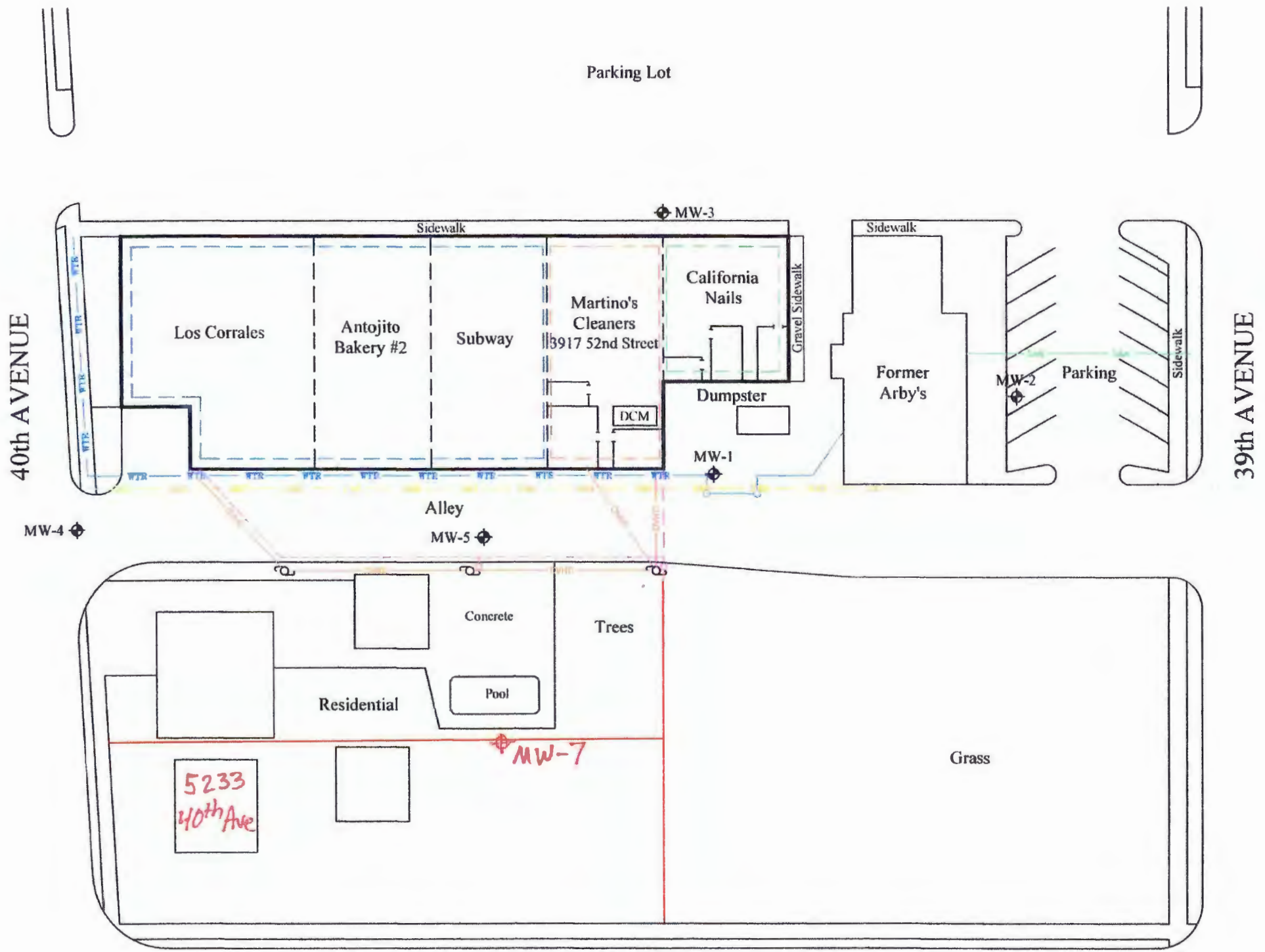
Brian Kappen, PG
Project Manager

Handwritten signature of Wayne Fassbender in black ink.

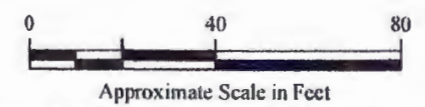
Wayne Fassbender, PG, PMP
Senior Project Manager

Copy: Doug Cieslak, Wisconsin Department of Natural Resources

Attachments: Sample Location Map
Groundwater Sample Results Summary
Analytical Laboratory Report Excerpt



- Legend**
- ⊕ Groundwater Sample Location
 - Slab foundation #1
 - Slab foundation #2
 - Slab foundation #3



SAMPLE LOCATION MAP

Martino's Cleaners
3917 52nd Street
Kenosha, Wisconsin

	Figure
ENVIRONMENTAL FORENSIC INVESTIGATIONS, INC 602 N. Capitol Ave., Ste. 210 • Indianapolis, IN 46204 EnviroForensics.com	4
	Project
	6190

Date:	8/02/12
Designed:	MM
Drawn:	MM
Checked:	JG
DWG file:	6190-12a_12wsc0

Table 1
Groundwater Sample Results Summary - 5233 40th Avenue
 Martino's 52nd Street
 Kenosha, Wisconsin

Well Identification	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Chloroform
Enforcement Standard		5	5	70	100	6
Preventive Action Limit		0.5	0.5	7	20	0.6
MW-7	10/24/2014	0.46 J	0.48 J	2.24	<0.35	3.8
	12/9/2014	0.67 J	0.63 J	1.99	0.39 J	1.75
	3/17/2015	<0.74	<0.47	2.44	<0.54	<0.17
	6/17/2015	<0.74	0.58 J	4.9	<0.54	5.9
	9/16/2015	<0.49	<0.47	2.95	<0.54	0.96 J
	12/3/2015	<0.49	<0.47	1.65	<0.54	0.74 J
	2/23/2016	0.50 J	<0.47	9.3	<0.54	0.75 J

Notes:

Samples analyzed for VOCs according to EPA Method 8260

Only detected compounds are listed

All concentrations reported in micrograms per liter (µg/L)

Bolded values are above method detection limits

Bolded and orange shaded values are above Public Health Enforcement Standard

Bolded and blue shaded values are above Public Health Preventive Action Limit

J = Analyte concentration detected between the Method Detection Limit and Reporting Limit

Project Name MARTINO'S 52ND STREET
 Project # 6190.20b

Invoice # E30562

Lab Code 5030562H
 Sample ID 6190-MW-7
 Sample Matrix Water
 Sample Date 2/23/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.44	ug/l	0.44	1.4	1	8260B		2/29/2016	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		2/29/2016	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		2/29/2016	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		2/29/2016	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		2/29/2016	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		2/29/2016	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		2/29/2016	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		2/29/2016	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		2/29/2016	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		2/29/2016	CJR	1
Chloroform	0.75 "J"	ug/l	0.43	1.4	1	8260B		2/29/2016	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		2/29/2016	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		2/29/2016	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		2/29/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		2/29/2016	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		2/29/2016	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		2/29/2016	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		2/29/2016	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		2/29/2016	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		2/29/2016	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		2/29/2016	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		2/29/2016	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		2/29/2016	CJR	1
cis-1,2-Dichloroethene	9.3	ug/l	0.45	1.4	1	8260B		2/29/2016	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		2/29/2016	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		2/29/2016	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		2/29/2016	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		2/29/2016	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		2/29/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		2/29/2016	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		2/29/2016	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		2/29/2016	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		2/29/2016	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		2/29/2016	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		2/29/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		2/29/2016	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		2/29/2016	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		2/29/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		2/29/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		2/29/2016	CJR	1
Tetrachloroethene	0.50 "J"	ug/l	0.49	1.5	1	8260B		2/29/2016	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		2/29/2016	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		2/29/2016	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		2/29/2016	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		2/29/2016	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		2/29/2016	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		2/29/2016	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		2/29/2016	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		2/29/2016	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		2/29/2016	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		2/29/2016	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		2/29/2016	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		2/29/2016	CJR	1
SUR - Dibromofluoromethane	103	REC %			1	8260B		2/29/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	104	REC %			1	8260B		2/29/2016	CJR	1
SUR - 4-Bromofluorobenzene	96	REC %			1	8260B		2/29/2016	CJR	1
SUR - Toluene-d8	99	REC %			1	8260B		2/29/2016	CJR	1

Project Name MARTINO'S 52ND STREET
Project # 6190.20b

Invoice # E30562

"J" Flag: Analyte detected between LOD and LOQ

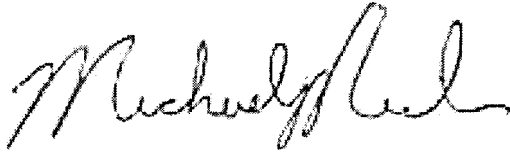
LOD Limit of Detection

LOQ Limit of Quantitation

<i>Code</i>	<i>Comment</i>
1	Laboratory QC within limits.

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature



Environmental Lab, Inc.

1990 Prospect Ct. • Appleton, WI 54914
920-830-2455 • FAX 920-733-0631

Sample Handling Request

Rush Analysis Date Required _____
(Rushes accepted only with prior authorization)

Normal Turn Around

Lab I.D. # _____
Account No.: _____ Quote No.: _____
Project #: 6190-20b
Sampler: (signature) Morgan Stettinisch

Project (Name / Location): Martind's 50th St.

Reports To: B. Krippen / M. Stettinisch Invoice To: _____
Company: EnviroForensics Company: _____
Address: N16 W93390 Stone Ridge Dr St G Address: _____
City State Zip: Waukesha WI 53186 City State Zip: _____
Phone: 317-972-7870 Phone: _____
FAX: _____ FAX: _____

Analysis Requested										Other Analysis											
DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 542.2)	VOC (EPA 8260)	8-RCRA METALS							PID/ FID	
												X									
												X									
												X									
												X									
												X									
												X									
												X									
												X									
												X									
												X									
												X									

Comments/Special Instructions ("Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)

PO# 2016116

Sample Integrity - To be completed by receiving lab.
Method of Shipment: SM
Temp. of Temp. Blank _____ °C On Ice:
Cooler seal intact upon receipt: Yes _____ No

Relinquished By: (sign) Morgan Stettinisch Time 9:44 Date 2/25/16
Received By: (sign) [Signature] Time 9:45 Date 2/25/16

Received in Laboratory By: [Signature] Time: 9:00 Date: 2/26/16