



January 5, 2015

REC'D JAN - 6 2015

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 environmental samples collected from your property located at 5231 40th Avenue in Kenosha, Wisconsin. The samples were collected on December 9, 2014. 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 location of the groundwater sampling points is 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 and trichloroethene (TCE) at concentrations above the preventive action limit but below the enforcement standard. Groundwater sample 6190-MW-8 contained PCE and TCE above the preventive action limit, and cis-1,2-dichloroethene and vinyl chloride above the enforcement standard. Chloroform and



trans-1,2-dichloroethene were also detected in 6190-MW-8 at concentrations below WDNR standards. No other chemical of concern were detected in the groundwater samples.

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

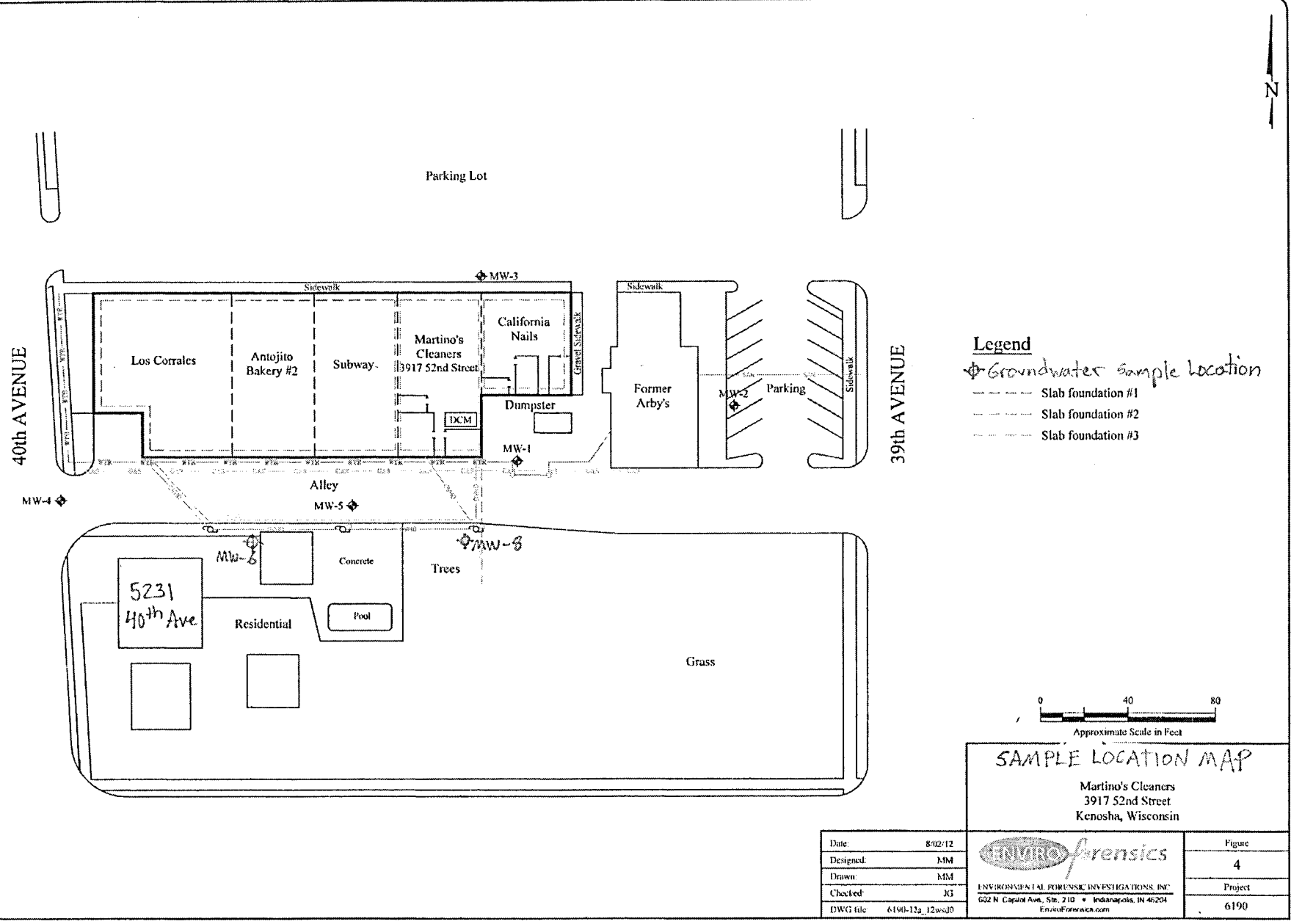
A handwritten signature in black ink, appearing to read "Wayne Fassbender".

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-W112 FS1 (2) Investigation\12a FS1 (2) Work Scope Development\6190-12a_12wsc0.dwg



Parking Lot

40th AVENUE

39th AVENUE

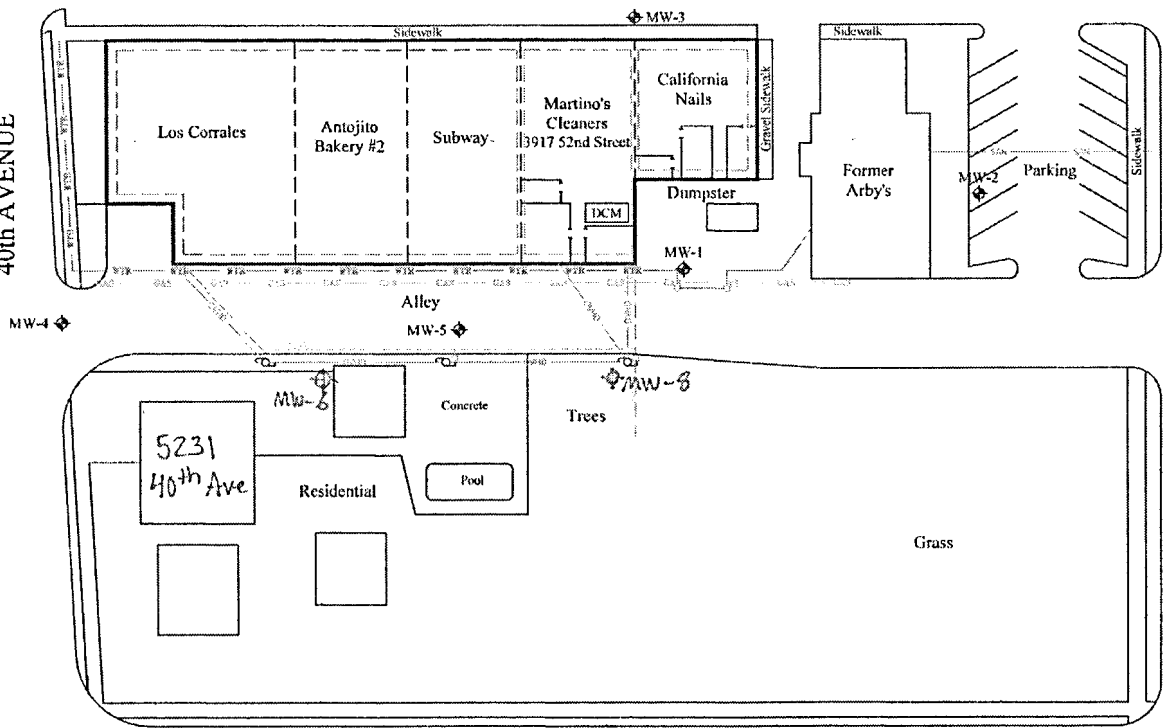


Table 1
Groundwater Sample Results Summary - 5231 40th Avenue
 Martino's 52nd Street
 Kenosha, Wisconsin

Well Identification	Sample Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl Chloride	Chloroform
Enforcement Standard		5	5	70	100	0.2	6
Preventive Action Limit		0.5	0.5	7	20	0.02	0.6
MW-6	12/9/2014	4.4	0.92 J	0.45 J	<0.35	<0.18	<0.28
MW-8	10/24/2014	<1.65	3.15 J	120	3.15 J	12.4	<1.4
	12/9/2014	0.73 J	3.8	192	5.4	3.3	0.41 J

Notes:

Samples analyzed for VOCs according to EPA Method 8260

Only detected compounds are listed

All concentrations reported in micrograms per liter (ug/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 MARTINOS CLEANERS
 Project # 6190

Invoice # E28194

Lab Code 5028194F
 Sample ID 6190-MW-6
 Sample Matrix Water
 Sample Date 12/9/2014

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.24	ug/l	0.24	0.77	1	8260B		12/15/2014	CJR	1
Bromobenzene	< 0.32	ug/l	0.32	1	1	8260B		12/15/2014	CJR	1
Bromodichloromethane	< 0.37	ug/l	0.37	1.2	1	8260B		12/15/2014	CJR	1
Bromoform	< 0.35	ug/l	0.35	1.1	1	8260B		12/15/2014	CJR	1
tert-Butylbenzene	< 0.36	ug/l	0.36	1.2	1	8260B		12/15/2014	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1	1	8260B		12/15/2014	CJR	1
n-Butylbenzene	< 0.35	ug/l	0.35	1.1	1	8260B		12/15/2014	CJR	1
Carbon Tetrachloride	< 0.33	ug/l	0.33	1.1	1	8260B		12/15/2014	CJR	1
Chlorobenzene	< 0.24	ug/l	0.24	0.77	1	8260B		12/15/2014	CJR	1
Chloroethane	< 0.63	ug/l	0.63	2	1	8260B		12/15/2014	CJR	1
Chloroform	< 0.28	ug/l	0.28	0.88	1	8260B		12/15/2014	CJR	1
Chloromethane	< 0.81	ug/l	0.81	2.6	1	8260B		12/15/2014	CJR	1
2-Chlorotoluene	< 0.21	ug/l	0.21	0.66	1	8260B		12/15/2014	CJR	1
4-Chlorotoluene	< 0.21	ug/l	0.21	0.68	1	8260B		12/15/2014	CJR	1
1,2-Dibromo-3-chloropropane	< 0.88	ug/l	0.88	2.8	1	8260B		12/15/2014	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.7	1	8260B		12/15/2014	CJR	1
1,4-Dichlorobenzene	< 0.3	ug/l	0.3	0.96	1	8260B		12/15/2014	CJR	1
1,3-Dichlorobenzene	< 0.28	ug/l	0.28	0.89	1	8260B		12/15/2014	CJR	1
1,2-Dichlorobenzene	< 0.36	ug/l	0.36	1.2	1	8260B		12/15/2014	CJR	1
Dichlorodifluoromethane	< 0.44	ug/l	0.44	1.4	1	8260B		12/15/2014	CJR	1
1,2-Dichloroethane	< 0.41	ug/l	0.41	1.3	1	8260B		12/15/2014	CJR	1
1,1-Dichloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		12/15/2014	CJR	1
1,1-Dichloroethene	< 0.4	ug/l	0.4	1.3	1	8260B		12/15/2014	CJR	1
cis-1,2-Dichloroethene	0.45 "J"	ug/l	0.38	1.2	1	8260B		12/15/2014	CJR	1
trans-1,2-Dichloroethene	< 0.35	ug/l	0.35	1.1	1	8260B		12/15/2014	CJR	1
1,2-Dichloropropane	< 0.32	ug/l	0.32	1	1	8260B		12/15/2014	CJR	1
2,2-Dichloropropane	< 0.36	ug/l	0.36	1.2	1	8260B		12/15/2014	CJR	4 8
1,3-Dichloropropane	< 0.33	ug/l	0.33	1	1	8260B		12/15/2014	CJR	1
Di-isopropyl ether	< 0.23	ug/l	0.23	0.73	1	8260B		12/15/2014	CJR	1
EDB (1,2-Dibromoethane)	< 0.44	ug/l	0.44	1.4	1	8260B		12/15/2014	CJR	1
Ethylbenzene	< 0.55	ug/l	0.55	1.7	1	8260B		12/15/2014	CJR	1
Hexachlorobutadiene	< 1.5	ug/l	1.5	4.8	1	8260B		12/15/2014	CJR	1
Isopropylbenzene	< 0.3	ug/l	0.3	0.96	1	8260B		12/15/2014	CJR	1
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.98	1	8260B		12/15/2014	CJR	1
Methylene chloride	< 0.5	ug/l	0.5	1.6	1	8260B		12/15/2014	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.23	ug/l	0.23	0.74	1	8260B		12/15/2014	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.5	1	8260B		12/15/2014	CJR	1
n-Propylbenzene	< 0.25	ug/l	0.25	0.81	1	8260B		12/15/2014	CJR	1
1,1,2,2-Tetrachloroethane	< 0.45	ug/l	0.45	1.4	1	8260B		12/15/2014	CJR	1
1,1,1,2-Tetrachloroethane	< 0.33	ug/l	0.33	1.1	1	8260B		12/15/2014	CJR	1
Tetrachloroethene	4.4	ug/l	0.33	1.1	1	8260B		12/15/2014	CJR	1
Toluene	< 0.69	ug/l	0.69	2.2	1	8260B		12/15/2014	CJR	1
1,2,4-Trichlorobenzene	< 0.98	ug/l	0.98	3.1	1	8260B		12/15/2014	CJR	1
1,2,3-Trichlorobenzene	< 1.8	ug/l	1.8	5.8	1	8260B		12/15/2014	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1	1	8260B		12/15/2014	CJR	1
1,1,2-Trichloroethane	< 0.34	ug/l	0.34	1.1	1	8260B		12/15/2014	CJR	1
Trichloroethene (TCE)	0.92 "J"	ug/l	0.33	1	1	8260B		12/15/2014	CJR	1
Trichlorofluoromethane	< 0.71	ug/l	0.71	2.3	1	8260B		12/15/2014	CJR	1
1,2,4-Trimethylbenzene	< 2.2	ug/l	2.2	6.9	1	8260B		12/15/2014	CJR	1
1,3,5-Trimethylbenzene	< 1.4	ug/l	1.4	4.5	1	8260B		12/15/2014	CJR	1
Vinyl Chloride	< 0.18	ug/l	0.18	0.57	1	8260B		12/15/2014	CJR	1
m&p-Xylene	< 0.69	ug/l	0.69	2.2	1	8260B		12/15/2014	CJR	1
o-Xylene	< 0.63	ug/l	0.63	2	1	8260B		12/15/2014	CJR	1
SUR - Dibromofluoromethane	99	REC %			1	8260B		12/15/2014	CJR	1
SUR - 1,2-Dichloroethane-d4	102	REC %			1	8260B		12/15/2014	CJR	1
SUR - 4-Bromofluorobenzene	105	REC %			1	8260B		12/15/2014	CJR	1
SUR - Toluene-d8	104	REC %			1	8260B		12/15/2014	CJR	1

Project Name MARTINOS CLEANERS
 Project # 6190

Invoice # E28194

Lab Code 5028194H
 Sample ID 6190-MW-8
 Sample Matrix Water
 Sample Date 12/9/2014

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.24	ug/l	0.24	0.77	1	8260B		12/12/2014	CJR	1
Bromobenzene	< 0.32	ug/l	0.32	1	1	8260B		12/12/2014	CJR	1
Bromodichloromethane	< 0.37	ug/l	0.37	1.2	1	8260B		12/12/2014	CJR	1
Bromoform	< 0.35	ug/l	0.35	1.1	1	8260B		12/12/2014	CJR	1
tert-Butylbenzene	< 0.36	ug/l	0.36	1.2	1	8260B		12/12/2014	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1	1	8260B		12/12/2014	CJR	1
n-Butylbenzene	< 0.35	ug/l	0.35	1.1	1	8260B		12/12/2014	CJR	1
Carbon Tetrachloride	< 0.33	ug/l	0.33	1.1	1	8260B		12/12/2014	CJR	1
Chlorobenzene	< 0.24	ug/l	0.24	0.77	1	8260B		12/12/2014	CJR	1
Chloroethane	< 0.63	ug/l	0.63	2	1	8260B		12/12/2014	CJR	1
Chloroform	0.41 "J"	ug/l	0.28	0.88	1	8260B		12/12/2014	CJR	1
Chloromethane	< 0.81	ug/l	0.81	2.6	1	8260B		12/12/2014	CJR	1
2-Chlorotoluene	< 0.21	ug/l	0.21	0.66	1	8260B		12/12/2014	CJR	1
4-Chlorotoluene	< 0.21	ug/l	0.21	0.68	1	8260B		12/12/2014	CJR	1
1,2-Dibromo-3-chloropropane	< 0.88	ug/l	0.88	2.8	1	8260B		12/12/2014	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.7	1	8260B		12/12/2014	CJR	1
1,4-Dichlorobenzene	< 0.3	ug/l	0.3	0.96	1	8260B		12/12/2014	CJR	1
1,3-Dichlorobenzene	< 0.28	ug/l	0.28	0.89	1	8260B		12/12/2014	CJR	1
1,2-Dichlorobenzene	< 0.36	ug/l	0.36	1.2	1	8260B		12/12/2014	CJR	1
Dichlorodifluoromethane	< 0.44	ug/l	0.44	1.4	1	8260B		12/12/2014	CJR	1
1,2-Dichloroethane	< 0.41	ug/l	0.41	1.3	1	8260B		12/12/2014	CJR	1
1,1-Dichloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		12/12/2014	CJR	1
1,1-Dichloroethene	< 0.4	ug/l	0.4	1.3	1	8260B		12/12/2014	CJR	1
cis-1,2-Dichloroethene	192	ug/l	0.38	1.2	1	8260B		12/12/2014	CJR	1
trans-1,2-Dichloroethene	5.4	ug/l	0.35	1.1	1	8260B		12/12/2014	CJR	1
1,2-Dichloropropane	< 0.32	ug/l	0.32	1	1	8260B		12/12/2014	CJR	1
2,2-Dichloropropane	< 0.36	ug/l	0.36	1.2	1	8260B		12/12/2014	CJR	1
1,3-Dichloropropane	< 0.33	ug/l	0.33	1	1	8260B		12/12/2014	CJR	1
Di-isopropyl ether	< 0.23	ug/l	0.23	0.73	1	8260B		12/12/2014	CJR	1
EDB (1,2-Dibromoethane)	< 0.44	ug/l	0.44	1.4	1	8260B		12/12/2014	CJR	1
Ethylbenzene	< 0.55	ug/l	0.55	1.7	1	8260B		12/12/2014	CJR	1
Hexachlorobutadiene	< 1.5	ug/l	1.5	4.8	1	8260B		12/12/2014	CJR	1
Isopropylbenzene	< 0.3	ug/l	0.3	0.96	1	8260B		12/12/2014	CJR	1
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.98	1	8260B		12/12/2014	CJR	1
Methylene chloride	< 0.5	ug/l	0.5	1.6	1	8260B		12/12/2014	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.23	ug/l	0.23	0.74	1	8260B		12/12/2014	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.5	1	8260B		12/12/2014	CJR	1
n-Propylbenzene	< 0.25	ug/l	0.25	0.81	1	8260B		12/12/2014	CJR	1
1,1,2,2-Tetrachloroethane	< 0.45	ug/l	0.45	1.4	1	8260B		12/12/2014	CJR	1
1,1,1,2-Tetrachloroethane	< 0.33	ug/l	0.33	1.1	1	8260B		12/12/2014	CJR	1
Tetrachloroethene	0.73 "J"	ug/l	0.33	1.1	1	8260B		12/12/2014	CJR	1
Toluene	< 0.69	ug/l	0.69	2.2	1	8260B		12/12/2014	CJR	1
1,2,4-Trichlorobenzene	< 0.98	ug/l	0.98	3.1	1	8260B		12/12/2014	CJR	1
1,2,3-Trichlorobenzene	< 1.8	ug/l	1.8	5.8	1	8260B		12/12/2014	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1	1	8260B		12/12/2014	CJR	1
1,1,2-Trichloroethane	< 0.34	ug/l	0.34	1.1	1	8260B		12/12/2014	CJR	1
Trichloroethene (TCE)	3.8	ug/l	0.33	1	1	8260B		12/12/2014	CJR	1
Trichlorofluoromethane	< 0.71	ug/l	0.71	2.3	1	8260B		12/12/2014	CJR	1
1,2,4-Trimethylbenzene	< 2.2	ug/l	2.2	6.9	1	8260B		12/12/2014	CJR	1
1,3,5-Trimethylbenzene	< 1.4	ug/l	1.4	4.5	1	8260B		12/12/2014	CJR	1
Vinyl Chloride	3.3	ug/l	0.18	0.57	1	8260B		12/12/2014	CJR	1
m&p-Xylene	< 0.69	ug/l	0.69	2.2	1	8260B		12/12/2014	CJR	1
o-Xylene	< 0.63	ug/l	0.63	2	1	8260B		12/12/2014	CJR	1
SUR - 1,2-Dichloroethane-d4	91	REC %			1	8260B		12/12/2014	CJR	1
SUR - 4-Bromofluorobenzene	96	REC %			1	8260B		12/12/2014	CJR	1
SUR - Dibromofluoromethane	102	REC %			1	8260B		12/12/2014	CJR	1
SUR - Toluene-d8	100	REC %			1	8260B		12/12/2014	CJR	1

"J" Flag: Analyte detected between LOD and LOQ

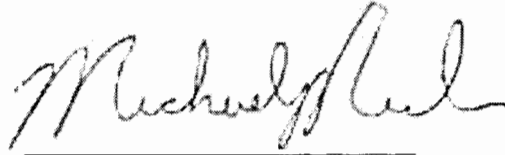
LOD Limit of Detection

LOQ Limit of Quantitation

<i>Code</i>	<i>Comment</i>
1	Laboratory QC within limits.
4	The continuing calibration standard not within established limits.
8	Closing calibration standard not within established 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



CHAIN OF CUSTODY RECORD

Synergy

Environmental Lab, Inc.

Chain # No 315

Page 1 of 2

Lab I.D. # _____
 Account No.: _____ Quote No.: _____
 Project #: 6190
 Sampler (signature): *[Signature]*

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

Project (Name / Location): *Martins Clevers / Kenosha WI*
 Reports To: *B. Kapper / H. Heinstadl* Invoice To: _____
 Company: *Enviro-Forensics* Company: _____
 Address: *116 W25370 Sierra Ridge Dr.* Address: _____
 City State Zip: *Kenosha WI 53188* City State Zip: _____
 Phone: *317-973-7870* Phone: _____
 FAX: _____ FAX: _____

Analysis Requested										Other Analysis									
DRO (Med DRO Sep 95)	GRO (Med 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
5028194A	6190-12W-1	12-8-14	12:55		X	N	3	GW	HCL
B	6190-12W-2	12-8-14	11:15		X	N	3	GW	HCL
C	6190-12W-3	12-9-14	11:20		X	N	3	GW	HCL
D	6190-12W-4	12-8-14	12:05		X	N	3	GW	HCL
E	6190-12W-5	12-8-14	13:50		X	N	3	GW	HCL
F	6190-12W-6	12-9-14	8:15		X	N	3	GW	HCL
G	6190-12W-7	12-9-14	12:20		X	N	3	GW	HCL
H	6190-12W-8	12-9-14	10:30		X	N	3	GW	HCL
I	6190-12W-5T	12-9-14	7:50		X	N	3	GW	HCL
J	6190-EB-1	12-8-14	-		X	N	2	GW	HCL

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

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

Relinquished By: (sign) *[Signature]* Time: *1650* Date: *12-9-14*
 Received By: (sign) _____ Time: _____ Date: _____
 Received in Laboratory By: *[Signature]* Time: *16:50* Date: *12/9/14*



January 5, 2015

REC'D JAN - 6 2015

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 environmental samples collected from your property located at 5233 40th Avenue in Kenosha, Wisconsin. The samples were collected on December 9, 2014. 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 shown on the attached map. 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 also attached.

As shown on Table 1, groundwater sample 6190-MW-7 contained PCE, trichloroethene (TCE), and chloroform at concentrations above the preventive action limit but below the enforcement standard. Cis-1,2-dichloroethene and trans-1,2-dichloroethene were also detected in the groundwater sample at concentrations below WDNR standards. No other chemicals of concern were detected in the groundwater sample.

Document: 6190-0484
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.

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

Brian Kappen, PG
Project Manager

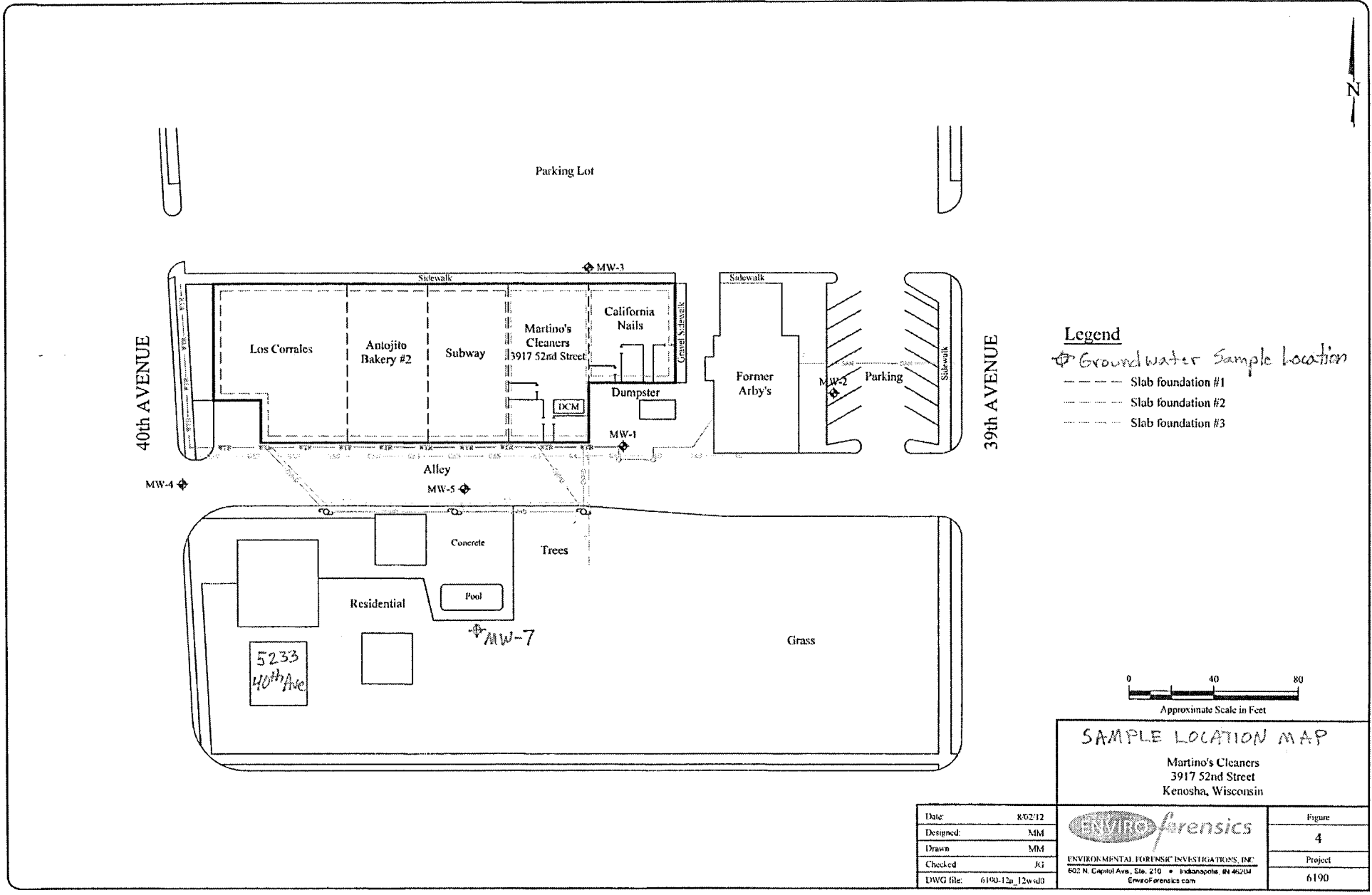
A handwritten signature in black ink, appearing to read "Wayne P. Fassbender".

Wayne Fassbender, PG, PMP
Senior Project Manager

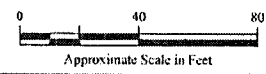
Copy: Doug Cieslak, Wisconsin Department of Natural Resources

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

K:\Drawings\6190 Martino's Cleaners 52nd-W\12 FS1 (2) Investigation\12a FS1 (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

		Figure
		4
	ENVIRONMENTAL FORENSIC INVESTIGATIONS, INC. 603 N. Capitol Ave., Ste. 210 • Indianapolis, IN 46204 EnviroForensics.com	Project
		6190

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

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

Notes:

Samples analyzed for VOCs according to EPA Method 8260

Only detected compounds are listed

All concentrations reported in micrograms per liter (ug/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 MARTINOS CLEANERS
 Project # 6190

Invoice # E28194

Lab Code 5028194G
 Sample ID 6190-MW-7
 Sample Matrix Water
 Sample Date 12/9/2014

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.24	ug/l	0.24	0.77	1	8260B		12/12/2014	CJR	1
Bromobenzene	< 0.32	ug/l	0.32	1	1	8260B		12/12/2014	CJR	1
Bromodichloromethane	< 0.37	ug/l	0.37	1.2	1	8260B		12/12/2014	CJR	1
Bromoform	< 0.35	ug/l	0.35	1.1	1	8260B		12/12/2014	CJR	1
tert-Butylbenzene	< 0.36	ug/l	0.36	1.2	1	8260B		12/12/2014	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1	1	8260B		12/12/2014	CJR	1
n-Butylbenzene	< 0.35	ug/l	0.35	1.1	1	8260B		12/12/2014	CJR	1
Carbon Tetrachloride	< 0.33	ug/l	0.33	1.1	1	8260B		12/12/2014	CJR	1
Chlorobenzene	< 0.24	ug/l	0.24	0.77	1	8260B		12/12/2014	CJR	1
Chloroethane	< 0.63	ug/l	0.63	2	1	8260B		12/12/2014	CJR	1
Chloroform	1.75	ug/l	0.28	0.88	1	8260B		12/12/2014	CJR	1
Chloromethane	< 0.81	ug/l	0.81	2.6	1	8260B		12/12/2014	CJR	1
2-Chlorotoluene	< 0.21	ug/l	0.21	0.66	1	8260B		12/12/2014	CJR	1
4-Chlorotoluene	< 0.21	ug/l	0.21	0.68	1	8260B		12/12/2014	CJR	1
1,2-Dibromo-3-chloropropane	< 0.88	ug/l	0.88	2.8	1	8260B		12/12/2014	CJR	1
Dibromochloromethane	< 0.22	ug/l	0.22	0.7	1	8260B		12/12/2014	CJR	1
1,4-Dichlorobenzene	< 0.3	ug/l	0.3	0.96	1	8260B		12/12/2014	CJR	1
1,3-Dichlorobenzene	< 0.28	ug/l	0.28	0.89	1	8260B		12/12/2014	CJR	1
1,2-Dichlorobenzene	< 0.36	ug/l	0.36	1.2	1	8260B		12/12/2014	CJR	1
Dichlorodifluoromethane	< 0.44	ug/l	0.44	1.4	1	8260B		12/12/2014	CJR	1
1,2-Dichloroethane	< 0.41	ug/l	0.41	1.3	1	8260B		12/12/2014	CJR	1
1,1-Dichloroethane	< 0.3	ug/l	0.3	0.97	1	8260B		12/12/2014	CJR	1
1,1-Dichloroethene	< 0.4	ug/l	0.4	1.3	1	8260B		12/12/2014	CJR	1
cis-1,2-Dichloroethene	1.99	ug/l	0.38	1.2	1	8260B		12/12/2014	CJR	1
trans-1,2-Dichloroethene	0.39 "J"	ug/l	0.35	1.1	1	8260B		12/12/2014	CJR	1
1,2-Dichloropropane	< 0.32	ug/l	0.32	1	1	8260B		12/12/2014	CJR	1
2,2-Dichloropropane	< 0.36	ug/l	0.36	1.2	1	8260B		12/12/2014	CJR	1
1,3-Dichloropropane	< 0.33	ug/l	0.33	1	1	8260B		12/12/2014	CJR	1
Di-isopropyl ether	< 0.23	ug/l	0.23	0.73	1	8260B		12/12/2014	CJR	1
EDB (1,2-Dibromoethane)	< 0.44	ug/l	0.44	1.4	1	8260B		12/12/2014	CJR	1
Ethylbenzene	< 0.55	ug/l	0.55	1.7	1	8260B		12/12/2014	CJR	1
Hexachlorobutadiene	< 1.5	ug/l	1.5	4.8	1	8260B		12/12/2014	CJR	1
Isopropylbenzene	< 0.3	ug/l	0.3	0.96	1	8260B		12/12/2014	CJR	1
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.98	1	8260B		12/12/2014	CJR	1
Methylene chloride	< 0.5	ug/l	0.5	1.6	1	8260B		12/12/2014	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.23	ug/l	0.23	0.74	1	8260B		12/12/2014	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.5	1	8260B		12/12/2014	CJR	1
n-Propylbenzene	< 0.25	ug/l	0.25	0.81	1	8260B		12/12/2014	CJR	1
1,1,2,2-Tetrachloroethane	< 0.45	ug/l	0.45	1.4	1	8260B		12/12/2014	CJR	1
1,1,1,2-Tetrachloroethane	< 0.33	ug/l	0.33	1.1	1	8260B		12/12/2014	CJR	1
Tetrachloroethene	0.67 "J"	ug/l	0.33	1.1	1	8260B		12/12/2014	CJR	1
Toluene	< 0.69	ug/l	0.69	2.2	1	8260B		12/12/2014	CJR	1
1,2,4-Trichlorobenzene	< 0.98	ug/l	0.98	3.1	1	8260B		12/12/2014	CJR	1
1,2,3-Trichlorobenzene	< 1.8	ug/l	1.8	5.8	1	8260B		12/12/2014	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1	1	8260B		12/12/2014	CJR	1
1,1,2-Trichloroethane	< 0.34	ug/l	0.34	1.1	1	8260B		12/12/2014	CJR	1
Trichloroethene (TCE)	0.63 "J"	ug/l	0.33	1	1	8260B		12/12/2014	CJR	1
Trichlorofluoromethane	< 0.71	ug/l	0.71	2.3	1	8260B		12/12/2014	CJR	1
1,2,4-Trimethylbenzene	< 2.2	ug/l	2.2	6.9	1	8260B		12/12/2014	CJR	1
1,3,5-Trimethylbenzene	< 1.4	ug/l	1.4	4.5	1	8260B		12/12/2014	CJR	1
Vinyl Chloride	< 0.18	ug/l	0.18	0.57	1	8260B		12/12/2014	CJR	1
m&p-Xylene	< 0.69	ug/l	0.69	2.2	1	8260B		12/12/2014	CJR	1
o-Xylene	< 0.63	ug/l	0.63	2	1	8260B		12/12/2014	CJR	1
SUR - 4-Bromofluorobenzene	103	REC %			1	8260B		12/12/2014	CJR	1
SUR - Dibromofluoromethane	99	REC %			1	8260B		12/12/2014	CJR	1
SUR - Toluene-d8	99	REC %			1	8260B		12/12/2014	CJR	1
SUR - 1,2-Dichloroethane-d4	99	REC %			1	8260B		12/12/2014	CJR	1

"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.
4	The continuing calibration standard not within established limits.
8	Closing calibration standard not within established 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



A handwritten signature in black ink, appearing to read "Michael J. Paul", is written over a horizontal line.

CHAIN OF CUSTODY RECORD

Synergy

Environmental Lab, Inc.

Chain # 100 315

BTK

Page 1 of 2

Lab I.D. # _____
 Account No. : _____ Quote No.: _____
 Project #: 6190
 Sampler: (signature) [Signature]

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

Project (Name / Location): Martinez Clevers / Kenosha WI
 Reports To: B. Kappen / M. Heinstand Invoice To: _____
 Company: Environ Services Company: _____
 Address: N16 W8530 Stone Ridge Dr. Address: _____
 City State Zip: Kenosha WI 53188 City State Zip: _____
 Phone: 317-972-7878 Phone: _____
 FAX: _____ FAX: _____

Analysis Requested										Other Analysis									
DRD (Med DRO Sep 95)	GRO (Med 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>5028194A</u>	<u>6190-12-1</u>	<u>12-2-14</u>	<u>12:55</u>		<u>X</u>	<u>N</u>	<u>3</u>	<u>GW</u>	<u>HCL</u>
<u>B</u>	<u>6190-12-2</u>	<u>12-3-14</u>	<u>11:15</u>		<u>X</u>	<u>N</u>	<u>3</u>	<u>GW</u>	<u>HCL</u>
<u>C</u>	<u>6190-12-3</u>	<u>12-4-14</u>	<u>11:20</u>		<u>X</u>	<u>N</u>	<u>3</u>	<u>GW</u>	<u>HCL</u>
<u>D</u>	<u>6190-12-4</u>	<u>12-5-14</u>	<u>12:05</u>		<u>X</u>	<u>N</u>	<u>3</u>	<u>GW</u>	<u>HCL</u>
<u>E</u>	<u>6190-12-5</u>	<u>12-8-14</u>	<u>13:50</u>		<u>X</u>	<u>N</u>	<u>3</u>	<u>GW</u>	<u>HCL</u>
<u>F</u>	<u>6190-12-6</u>	<u>12-9-14</u>	<u>8:05</u>		<u>X</u>	<u>N</u>	<u>3</u>	<u>GW</u>	<u>HCL</u>
<u>G</u>	<u>6190-12-7</u>	<u>12-9-14</u>	<u>12:30</u>		<u>X</u>	<u>N</u>	<u>3</u>	<u>GW</u>	<u>HCL</u>
<u>H</u>	<u>6190-12-8</u>	<u>12-9-14</u>	<u>10:30</u>		<u>X</u>	<u>N</u>	<u>3</u>	<u>GW</u>	<u>HCL</u>
<u>I</u>	<u>6190-12-5T</u>	<u>12-9-14</u>	<u>7:50</u>		<u>X</u>	<u>N</u>	<u>3</u>	<u>GW</u>	<u>HCL</u>
<u>J</u>	<u>6190-EB-1</u>	<u>12-9-14</u>	<u>-</u>		<u>X</u>	<u>N</u>	<u>2</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.)

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

Relinquished By: (sign) [Signature] Time 16:50 Date 12-9-14
 Received By: (sign) _____ Time _____ Date _____
 Received in Laboratory By: [Signature] Time: 16:50 Date: 12/9/14