



REC'D OCT 18 2016

October 13, 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 an environmental sample collected from your property located at 5233 40th Avenue in Kenosha, Wisconsin. The sample was collected on September 19, 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

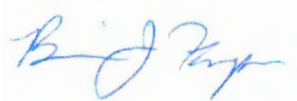
Sampling Results

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 cis-1,2-dichloroethene at a concentration less than the applicable standard. No other chemicals of concern were detected in the groundwater sample.

We will contact you to schedule additional sampling events, if needed. 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 blue ink, appearing to read "Brian Kappen".

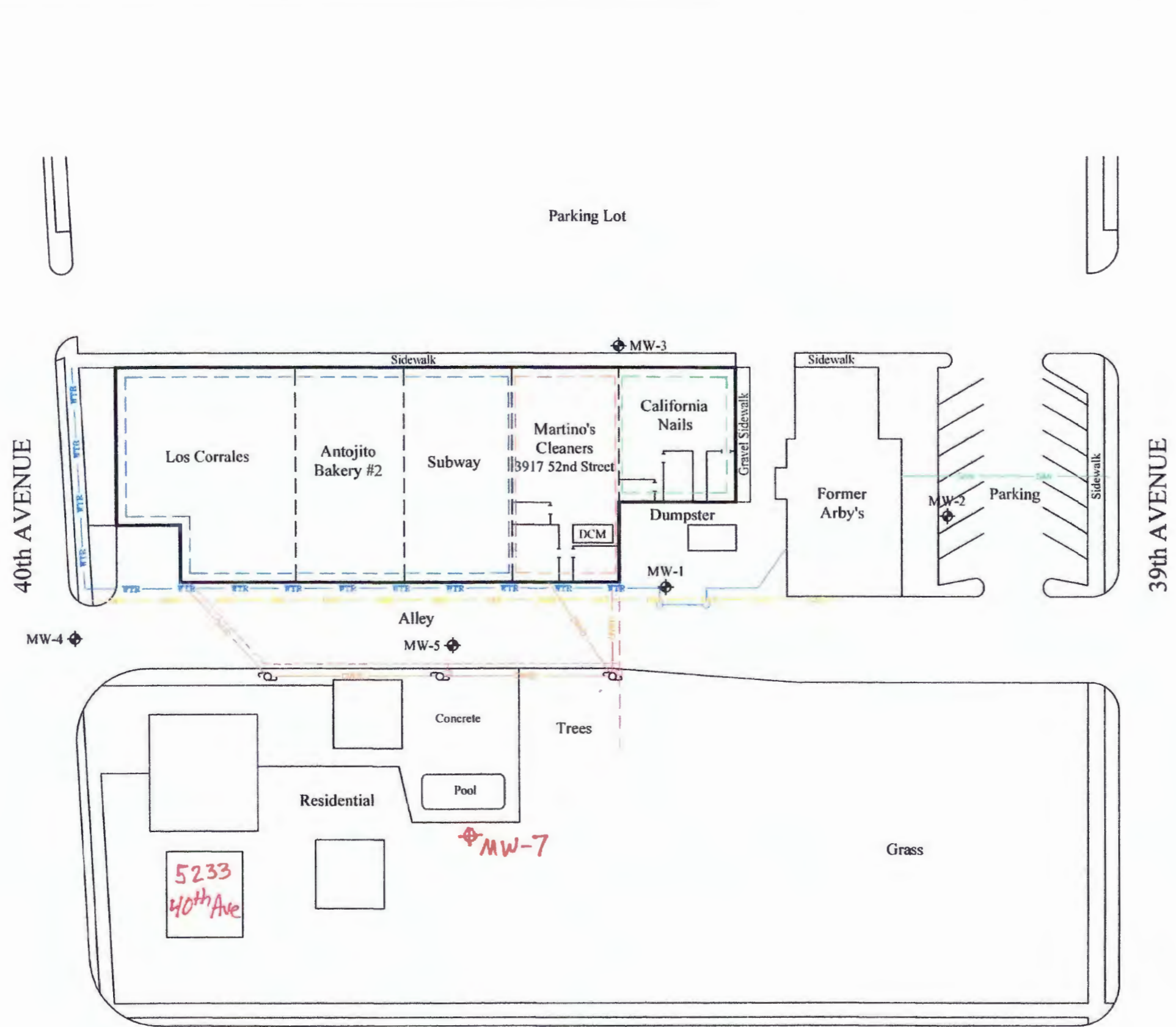
Brian Kappen, PG
Project Manager

A handwritten signature in blue ink, appearing to read "Rob Hoverman".

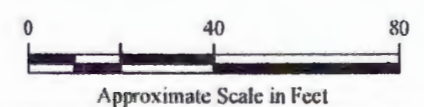
Rob Hoverman, PG
Senior Project Manager

Copy: Doug Cieslak, Wisconsin Department of Natural Resources

Attachments: Sample Location Map
Table 1 - 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
	4
	Project
	6190

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

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

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
	9/19/2016	<0.49	<0.47	4.6	<0.54	<0.17

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 blue shaded values are above Public Health Preventive Action Limit

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

Project Name 52ND MARTINO'S
 Project # 6190 PO#20169061

Invoice # E31754

Lab Code 5031754D
 Sample ID 6190-MW-7
 Sample Matrix Water
 Sample Date 9/19/2016

	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		9/24/2016	CJR	1
Bromobenzene	< 0.48	ug/l	0.48	1.5	1	8260B		9/24/2016	CJR	1
Bromodichloromethane	< 0.46	ug/l	0.46	1.5	1	8260B		9/24/2016	CJR	1
Bromoform	< 0.46	ug/l	0.46	1.5	1	8260B		9/24/2016	CJR	1
tert-Butylbenzene	< 1.1	ug/l	1.1	3.4	1	8260B		9/24/2016	CJR	1
sec-Butylbenzene	< 1.2	ug/l	1.2	3.8	1	8260B		9/24/2016	CJR	1
n-Butylbenzene	< 1	ug/l	1	3.3	1	8260B		9/24/2016	CJR	1
Carbon Tetrachloride	< 0.51	ug/l	0.51	1.6	1	8260B		9/24/2016	CJR	1
Chlorobenzene	< 0.46	ug/l	0.46	1.4	1	8260B		9/24/2016	CJR	1
Chloroethane	< 0.65	ug/l	0.65	2.1	1	8260B		9/24/2016	CJR	1
Chloroform	< 0.43	ug/l	0.43	1.4	1	8260B		9/24/2016	CJR	1
Chloromethane	< 1.9	ug/l	1.9	6	1	8260B		9/24/2016	CJR	1
2-Chlorotoluene	< 0.4	ug/l	0.4	1.3	1	8260B		9/24/2016	CJR	1
4-Chlorotoluene	< 0.63	ug/l	0.63	2	1	8260B		9/24/2016	CJR	1
1,2-Dibromo-3-chloropropane	< 1.4	ug/l	1.4	4.5	1	8260B		9/24/2016	CJR	1
Dibromochloromethane	< 0.45	ug/l	0.45	1.4	1	8260B		9/24/2016	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	1.6	1	8260B		9/24/2016	CJR	1
1,3-Dichlorobenzene	< 0.52	ug/l	0.52	1.6	1	8260B		9/24/2016	CJR	1
1,2-Dichlorobenzene	< 0.46	ug/l	0.46	1.5	1	8260B		9/24/2016	CJR	1
Dichlorodifluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		9/24/2016	CJR	1
1,2-Dichloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		9/24/2016	CJR	1
1,1-Dichloroethane	< 1.1	ug/l	1.1	3.6	1	8260B		9/24/2016	CJR	1
1,1-Dichloroethene	< 0.65	ug/l	0.65	2.1	1	8260B		9/24/2016	CJR	1
cis-1,2-Dichloroethene	4.6	ug/l	0.45	1.4	1	8260B		9/24/2016	CJR	1
trans-1,2-Dichloroethene	< 0.54	ug/l	0.54	1.7	1	8260B		9/24/2016	CJR	1
1,2-Dichloropropane	< 0.43	ug/l	0.43	1.37	1	8260B		9/24/2016	CJR	1
2,2-Dichloropropane	< 3.1	ug/l	3.1	9.8	1	8260B		9/24/2016	CJR	1
1,3-Dichloropropane	< 0.42	ug/l	0.42	1.3	1	8260B		9/24/2016	CJR	1
Di-isopropyl ether	< 0.44	ug/l	0.44	1.4	1	8260B		9/24/2016	CJR	1
EDB (1,2-Dibromoethane)	< 0.63	ug/l	0.63	2	1	8260B		9/24/2016	CJR	1
Ethylbenzene	< 0.71	ug/l	0.71	2.3	1	8260B		9/24/2016	CJR	1
Hexachlorobutadiene	< 2.2	ug/l	2.2	7.1	1	8260B		9/24/2016	CJR	1
Isopropylbenzene	< 0.82	ug/l	0.82	2.6	1	8260B		9/24/2016	CJR	1
p-Isopropyltoluene	< 1.1	ug/l	1.1	3.5	1	8260B		9/24/2016	CJR	1
Methylene chloride	< 1.3	ug/l	1.3	4.2	1	8260B		9/24/2016	CJR	1
Methyl tert-butyl ether (MTBE)	< 1.1	ug/l	1.1	3.7	1	8260B		9/24/2016	CJR	1
Naphthalene	< 1.6	ug/l	1.6	5.2	1	8260B		9/24/2016	CJR	1
n-Propylbenzene	< 0.77	ug/l	0.77	2.4	1	8260B		9/24/2016	CJR	1
1,1,2,2-Tetrachloroethane	< 0.52	ug/l	0.52	1.7	1	8260B		9/24/2016	CJR	1
1,1,1,2-Tetrachloroethane	< 0.48	ug/l	0.48	1.5	1	8260B		9/24/2016	CJR	1
Tetrachloroethene	< 0.49	ug/l	0.49	1.5	1	8260B		9/24/2016	CJR	1
Toluene	< 0.44	ug/l	0.44	1.4	1	8260B		9/24/2016	CJR	1
1,2,4-Trichlorobenzene	< 1.7	ug/l	1.7	5.6	1	8260B		9/24/2016	CJR	1
1,2,3-Trichlorobenzene	< 2.7	ug/l	2.7	8.6	1	8260B		9/24/2016	CJR	1
1,1,1-Trichloroethane	< 0.84	ug/l	0.84	2.7	1	8260B		9/24/2016	CJR	1
1,1,2-Trichloroethane	< 0.48	ug/l	0.48	1.52	1	8260B		9/24/2016	CJR	1
Trichloroethene (TCE)	< 0.47	ug/l	0.47	1.5	1	8260B		9/24/2016	CJR	1
Trichlorofluoromethane	< 0.87	ug/l	0.87	2.8	1	8260B		9/24/2016	CJR	1
1,2,4-Trimethylbenzene	< 1.6	ug/l	1.6	5	1	8260B		9/24/2016	CJR	1
1,3,5-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	1	8260B		9/24/2016	CJR	1
Vinyl Chloride	< 0.17	ug/l	0.17	0.54	1	8260B		9/24/2016	CJR	1
m&p-Xylene	< 2.2	ug/l	2.2	6.9	1	8260B		9/24/2016	CJR	1
o-Xylene	< 0.9	ug/l	0.9	2.9	1	8260B		9/24/2016	CJR	1
SUR - Toluene-d8	100	REC %			1	8260B		9/24/2016	CJR	1
SUR - Dibromofluoromethane	100	REC %			1	8260B		9/24/2016	CJR	1
SUR - 4-Bromofluorobenzene	99	REC %			1	8260B		9/24/2016	CJR	1
SUR - 1,2-Dichloroethane-d4	104	REC %			1	8260B		9/24/2016	CJR	1

Project Name 52ND MARTINO'S
Project # 6190 PO#20169061

Invoice # E31754

"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.
3	The matrix spike 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 STUDY RECORD
PO # 20169061

Synergy

Chain # 2957

BJK

Page 1 of 1

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)	
<input checked="" type="checkbox"/> Normal Turn Around	

Lab I.D. #	
Account No.:	Quote No.:
Project #: 6190	
Sampler: (signature)	

Project (Name / Location): 52nd Martins		Analysis Requested										Other Analysis			
Reports To: B. Kappen / K. Vanderhoff		Invoice To:													
Company: EnviroForensics		Company:													
Address: NW W23390 Star Ridge Dr		Address:													
City State Zip: Waukesha, WI 53188		City State Zip:													
Phone: 517-972-7870		Phone:													
FAX:		FAX:													

Lab I.D.	Sample I.D.	Collection Date	Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)	Preservation	CRO (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)	B-PCRA METALS	PID/ FID	
5037511	A 6190-MW-1	9/19	1410		x	N	3	GW	HCL																
	B 6190-MW-2	9/19	1120		x	N	3	GW	HCL																
	C 6190-MW-3	9/19	1435		x	N	3	GW	HCL																
	D 6190-MW-5T	9/19	1435		x	N	3	GW	HCL																KV
	E 6190-MW-7	9/19	1530		x	N	2	GW	HCL																
	F 6190-DW-1	9/19			x	N	2	GW	HCL																
	G 6190-EB-1	9/19	1500		x	N	2	GW	HCL																
	H 6190-TB	9/19					1	GW																	

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: <u>SEALED</u> Temp. of Temp. Blank: _____ °C On Ice: <input checked="" type="checkbox"/> Cooler seal intact upon receipt: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
		1700	9/19/16		1700	9/19/16
		1123	9/21/16		11:24	9/21/16
Received in Laboratory By:				Time: 15:00	Date: 9/21/16	