Specialists in Drinking Water Testing Technologies ■ Residential ■ Industrial ■ Municipal

PRECISION ANALYTICAL SERVICES, INC.

2161 WHITESVILLE ROAD TOMS RIVER, NJ 08755 PHONE 732-914-1515 FAX 732-914-1616

NJ Lab Cert. # 15001

CERTIFICATE OF ANALYSIS

Customer : PARS Environmental
500 Horizon Drive, Suite 540
Robbinsville Twp, NJ 08691

Project ID : Warren County Technical, 1500 NJ-57, Washington

Matrix : Drinking Water

PAS Project ID : P21-13683

Report Date : 1/7/2022

PAS Sample ID	Client ID	Analysis	Results	Units	DF	PQL	MDL	MCL	Method	Date Sampled	Date Analyzed
P21-13683-01	WCT-Field Blank	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/29/21 08:30	1/3/22 10:56
P21-13683-02	WCT-1-H Gym-BT-P	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/29/21 08:30	1/3/22 11:00
P21-13683-03	WCT-1-H 374-WC-P	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/29/21 08:31	1/3/22 11:24
P21-13683-04	WCT-1-H 374-BT-P	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/29/21 08:31	1/3/22 11:28
P21-13683-05	WCT-1-388-IM-P	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/29/21 08:32	1/3/22 11:32
P21-13683-06	WCT-1-388-BT-P	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/29/21 08:32	1/3/22 11:36
P21-13683-07	WCT-1-388-WC-P	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/29/21 08:33	1/3/22 11:40
P21-13683-08	WCT-1-387-CF-P	Lead	1.83 J	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/29/21 08:33	1/3/22 11:44
P21-13683-09	WCT-1-387-WC-P	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/29/21 08:34	1/3/22 11:48
P21-13683-10	WCT-1-386-CF1-P	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/29/21 08:35	1/3/22 11:52
P21-13683-11	WCT-1-386-CF2-P	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/29/21 08:35	1/3/22 11:56
P21-13683-12	WCT-1-386-CF3-P	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/29/21 08:36	1/3/22 12:08
P21-13683-13	WCT-1-H 379-WC-P	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/29/21 08:37	1/3/22 12:12
P21-13683-14	WCT-1-H 379-BT-P	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/29/21 08:38	1/3/22 12:16
P21-13683-15	WCT-1-382-CF1-P	Lead	1.43 J	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/29/21 08:39	1/3/22 12:21
P21-13683-16	WCT-1-382-CF2-P	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/29/21 08:40	1/3/22 12:25
P21-13683-17	WCT-1-373-TL-P	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/29/21 08:41	1/3/22 12:29
P21-13683-18	WCT-1-250-CF1-P	Lead	3.03	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/29/21 08:42	1/3/22 12:33
P21-13683-19	WCT-1-250-CF2-P	Lead	2.83	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/29/21 08:42	1/3/22 12:37
P21-13683-20	WCT-1-245B-CF1-P	Lead	1.83 J	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/29/21 08:43	1/3/22 12:41
P21-13683-21	WCT-1-245B-CF2-P	Lead	1.83 J	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/29/21 08:43	1/3/22 12:53
P21-13683-22	WCT-1-246-CF1-P	Lead	1.03 J	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/29/21 08:44	1/3/22 13:09
P21-13683-23	WCT-1-246-CF2-P	Lead	1.63 J	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/29/21 08:44	1/3/22 13:13

Except for the parameters tested, PAS makes no representation as to the fitness or quality of the water sample taken.

PQL = Practical Quantitation Limit
MDL = Minimum Detection Limit
MCL = Maximum Contaminant Level
DF = Dilution Factor
ND = Analyzed for but not detected
J = Estimated result
* Federal Action Level

All samples are analyzed in accordance with New Jersey Department of Environmental Protection Protocol

Mark D. Feitelson, Lab. Director

Specialists in Drinking Water Testing Technologies ■ Residential ■ Industrial ■ Municipal

PRECISION ANALYTICAL SERVICES, INC.

2161 WHITESVILLE ROAD TOMS RIVER, NJ 08755 PHONE 732-914-1515 FAX 732-914-1616

NJ Lab Cert. # 15001

CERTIFICATE OF ANALYSIS

Customer : PARS Environmental
500 Horizon Drive, Suite 540
Robbinsville Twp, NJ 08691

Project ID : Warren County Technical, 1500 NJ-57, Washington
PAS Project ID : P21-13683

Matrix : Drinking Water
Report Date : 1/7/2022

PAS Sample ID	Client ID	Analysis	Results	Units	DF	PQL	MDL	MCL	Method	Date Sampled	Date Analyzed
P21-13683-24	WCT-1-248-CF1-P	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/29/21 08:45	1/3/22 13:17
P21-13683-25	WCT-1-248-CF2-P	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/29/21 08:45	1/3/22 13:21
P21-13683-26	WCT-1-248-WC-P	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/29/21 08:46	1/3/22 13:25
P21-13683-27	WCT-1-247-CF1-P	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/29/21 08:46	1/3/22 13:37
P21-13683-28	WCT-1-247-CF2-P	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/29/21 08:47	1/3/22 13:41
P21-13683-29	WCT-1-Cafe-FP1-P	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/29/21 08:50	1/3/22 13:45
P21-13683-30	WCT-1-Kit-FP2-P	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/29/21 08:51	1/3/22 13:49
P21-13683-31	WCT-1-Kit-FP3-P	Lead	3.23	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/29/21 08:52	1/3/22 13:53
P21-13683-32	WCT-1-Kit-FP4-P	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/29/21 08:53	1/3/22 13:57
P21-13683-33	WCT-1-Kit-FP5-P	Lead	6.44	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/29/21 08:54	1/3/22 14:01
P21-13683-34	WCT-1-Kit-IM-P	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/29/21 08:55	1/3/22 14:05
P21-13683-35	WCT-1-Kit-ST-P	Lead	**25.3**	ug/L	2	4.00	1.80	15.0 *	SM 3113 B	12/29/21 08:56	1/3/22 16:42
P21-13683-36	WCT-1-Kit-SP-P	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/29/21 08:57	1/3/22 14:31
P21-13683-37	WCT-1-Serving-FP6-P	Lead	10.1	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/29/21 08:57	1/3/22 14:35
P21-13683-38	WCT-1-Cafeteria-WC1-P	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/29/21 08:58	1/3/22 14:39
P21-13683-39	WCT-1-Cafeteria-BT1-P	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/29/21 08:59	1/3/22 14:43
P21-13683-40	WCT-1-Cafeteria-WC2-P	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/29/21 09:00	1/3/22 14:47
P21-13683-41	WCT-1-Cafeteria-BT2-P	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/29/21 09:01	1/3/22 14:51
P21-13683-42	WCT-1-102-CF1-P	Lead	2.23	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/29/21 09:02	1/3/22 15:16
P21-13683-43	WCT-1-102-CF2-P	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/29/21 09:03	1/3/22 15:20
P21-13683-44	WCT-1-MO-TL-P	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/29/21 09:04	1/3/22 15:24
P21-13683-45	WCT-1-H MO-BT-P	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/29/21 09:05	1/3/22 15:28
P21-13683-46	WCT-1-Nurse-NS-P	Lead	ND	ug/L	1	2.00	0.900	15.0 *	SM 3113 B	12/29/21 09:10	1/3/22 15:33

Except for the parameters tested, PAS makes no representation as to the fitness or quality of the water sample taken.

PQL = Practical Quantitation Limit
MDL = Minimum Detection Limit
MCL = Maximum Contaminant Level
DF = Dilution Factor
ND = Analyzed for but not detected
J = Estimated result
* Federal Action Level

All samples are analyzed in accordance with New Jersey Department of Environmental Protection Protocol

Mark D. Feitelson, Lab. Director

PRECISION ANALYTICAL SERVICES INC

CHAIN OF CUSTODY

Customer:	PARS Environmental
Address:	500 Horizon Drive, Suite 540
	Robbinsville, NJ 08691
Phone:	(609) 890-7277 Office (609) 672-2557 Cell Jessica Perrini

School Name: [illegible]
School Address: [illegible]
Sampled By: [illegible]
Print Name: [illegible]
RESULTS TO: JPerrini@parsenv.com

	Sample ID Location	Date / Time Sampled	Matrix Code	Grab or Comp	Flash Sample	Filter Present	# Containers	Glass or Plastic	Analysis	LAB ID
1	WCT Field Blank	12/29/21 8:30	DW	Grab	N	N	1	250 ml Plastic	Lead	PSI 13683-01
2	WCT-1-11 GYM-BI-P	8:30	DW	Grab	N	N	1	250 ml Plastic	Lead	-02
3	WCT-1-11 374-WC-P	8:31	DW	Grab	N	N	1	250 ml Plastic	Lead	-03
4	WCT-1-11 374-BT-P	8:31	DW	Grab	N	N	1	250 ml Plastic	Lead	-04
5	WCT-1-388 JM P	8:32	DW	Grab	N	N	1	250 ml Plastic	Lead	-05
6	WCT-1-388 BT P	8:32	DW	Grab	N	N	1	250 ml Plastic	Lead	-06
7	WCT-1-388-WC-P	8:33	DW	Grab	N	N	1	250 ml Plastic	Lead	-07
8	WCT-1-387-CF1-P	8:33	DW	Grab	N	N	1	250 ml Plastic	Lead	-08
9	WCT-1-387-WC-P	8:34	DW	Grab	N	N	1	250 ml Plastic	Lead	-09
10	WCT-1-386-CF1-P	8:35	DW	Grab	N	N	1	250 ml Plastic	Lead	-10
11	WCT-1-386-CF2-P	8:35	DW	Grab	N	N	1	250 ml Plastic	Lead	-11
12	WCT-1-386-CF3 P	8:36	DW	Grab	N	N	1	250 ml Plastic	Lead	-12
13	WCT-1-11 379-WC-P	8:37	DW	Grab	N	N	1	250 ml Plastic	Lead	-13
14	WCT-1-11 379 BT-P	8:38	DW	Grab	N	N	1	250 ml Plastic	Lead	-14
15	WCT-1-382-CF1-P	8:39	DW	Grab	N	N	1	250 ml Plastic	Lead	PSI 13683-15

SAMPLES REC'D PRESERVED WITH HNO,

Page | of

Deliverables:	PDF Std.	PDF Reduce			PDF Full	EDD	Date/Time Preserved with HNO3
	X						

MATRIX CODES: GW = Ground Water, WW = Waste Water, SW = Surface Water, DW = Drinking Water, S = Soil, L = Liquid, SD = Sludge, B = Blank, K = Solid (specify) :

PRESERVATIVE CODES: 0 = Ice, 1 = HCl, 2 = H2SO4, 3 = NaOH, 4 = HNO3, 5 = Other

	Print Name:	Signature:	Company	Date + Time
Relinquished:	Marissa Weinstein	Marissa Weinstein	PARS	12/29/2021
Received:				
Relinquished:				
Received:				
Relinquished:				
Received:				

PCBS2

Specialists in Drinking Water Testing Technologies ■ Residential ■ Industrial ■ Municipal

PRECISION ANALYTICAL SERVICES, INC.

2101 WHITESVILLE ROAD TOMS RIVER, NJ 08755 PHONE 732-914-1516 FAX 732-914-1618

CHAIN OF CUSTODY

Customer:	PARS Environmental
Address:	500 Horizon Drive, Suite 540
	Robbinsville, NJ 08691
Phone:	(609) 890-7277 Office (609) 672-2557 Cell Jessica Perrini

School Name: Warren County Technical
School Address: 1500 NJ-57 Washington
Sampled By: Marissa Weinstein
Print Name: Marissa Weinstein
RESULTS TO: JPerrini@montrose-env.com

	Sample ID Location	Date / Time Sampled	Matrix Code	Grab or Comp	Flash Sample	Filter Present	# Container s	Glass or Plastic	Analysis	LAB ID
16	WCT-1-342-CF2-P	8:40	DW	Grab	N	N	1	250 ml Plastic	Lead	
17	WCT-1-373-TL-P	8:41	DW	Grab	N	N	1	250 ml Plastic	Lead	
18	WCT-1-250-CF1-P	8:42	DW	Grab	N	N	1	250 ml Plastic	Lead	
19	WCT-1-250-CF2-P	8:42	DW	Grab	N	N	1	250 ml Plastic	Lead	
20	WCT-1-245B-CF1-P	8:43	DW	Grab	N	N	1	250 ml Plastic	Lead	
21	WCT-1-245B-CF2-P	8:43	DW	Grab	N	N	1	250 ml Plastic	Lead	
22	WCT-1-246-CF1-P	8:44	DW	Grab	N	N	1	250 ml Plastic	Lead	
23	WCT-1-246-CF2-P	8:44	DW	Grab	N	N	1	250 ml Plastic	Lead	
24	WCT-1-248-CF1-P	8:45	DW	Grab	N	N	1	250 ml Plastic	Lead	
25	WCT-1-248-CF2-P	8:45	DW	Grab	N	N	1	250 ml Plastic	Lead	
26	WCT-1-248-WC-P	8:46	DW	Grab	N	N	1	250 ml Plastic	Lead	
27	WCT-1-247-CF1-P	8:46	DW	Grab	N	N	1	250 ml Plastic	Lead	
28	WCT-1-247-CF2-P	8:47	DW	Grab	N	N	1	250 ml Plastic	Lead	
29	WCT-1-CAFE-FF1-P	8:50	DW	Grab	N	N	1	250 ml Plastic	Lead	
30	WCT-1-KIT-FF2-P	8:51	DW	Grab	N	N	1	250 ml Plastic	Lead	

SAMPLES REC'D PRESERVED WITH HNO, (3)

Page 2 of 4

Deliverables: PDF Std. X | PDF Reduce | PDF Full | EDD | Date/Time Preserved with HNO3:

MATRIX CODES: GW = Ground Water, WW = Waste Water, SW = Surface Water, DW = Drinking Water, S = Soil, L = Liquid, SD = Sludge, B = Blank, K = Solid (specify) :

PRESERVATIVE CODES: 0 = Ice, 1 = HCl, 2 = H2SO4, 3 = NaOH, 4 = HNO3, 5 = Other

	Print Name:	Signature:	Courier	Date + Time
Relinquished:	Marissa Weinstein	Marissa Weinstein		12/29/2021
Received:	[illegible]	[illegible]	X	1515
Relinquished:				
Received:				
Relinquished:				
Received:				

PRECISION ANALYTICAL SERVICES, INC

CHAIN OF CUSTODY

Customer:	PARS Environmental
Address:	500 Horizon Drive, Suite 540
	Robbinsville, NJ 08691
Phone:	(609) 890-7277 Office (609) 672-2557 Cell Jessica Perrini

School Name:	Warren County Tech
School Address:	[illegible]
Sampled By:	[signature]
Print Name:	Marissa Weinstein
RESULTS TO:	[illegible]

#	Sample ID Location	Date 12/29/21 Time Sampled	Matrix Code	Grab or Comp	Flush Sample	Filter Present	# Container #	Glass or Plastic	Analyte	LAB ID
31	WCT-1-KIT-FP3-P	8:52	DW	Grab	N	N	1	250 ml Plastic	Lead	P2113683-31
32	WCT-1-KIT-FP4-P	8:53	DW	Grab	N	N	1	250 ml Plastic	Lead	-32
33	WCT-1-KIT-FP5-P	8:54	DW	Grab	N	N	1	250 ml Plastic	Lead	-33
34	WCT-1-KIT-IM-P	8:55	DW	Grab	N	N	1	250 ml Plastic	Lead	-34
35	WCT-1-KIT-ST-P	8:56	DW	Grab	N	N	1	250 ml Plastic	Lead	-35
36	WCT-1-KIT-SP-P	8:57	DW	Grab	N	N	1	250 ml Plastic	Lead	-36
37	WCT-1-SERVING-FP6-P	8:57	DW	Grab	N	N	1	250 ml Plastic	Lead	-37
38	WCT-1-CAFETERIA-WC1-P	8:58	DW	Grab	N	N	1	250 ml Plastic	Lead	-38
39	WCT-1-CAFETERIA-BT1-P	8:59	DW	Grab	N	N	1	250 ml Plastic	Lead	-39
40	WCT-1-CAFETERIA-WC2-P	9:00	DW	Grab	N	N	1	250 ml Plastic	Lead	-40
41	WCT-1-CAFETERIA-BT2-P	9:01	DW	Grab	N	N	1	250 ml Plastic	Lead	-41
42	WCT-1-102-CF1-P	9:02	DW	Grab	N	N	1	250 ml Plastic	Lead	-42
43	WCT-1-102-CF2-P	9:03	DW	Grab	N	N	1	250 ml Plastic	Lead	-43
44	WCT-1-MO-TL-P	9:04	DW	Grab	N	N	1	250 ml Plastic	Lead	-44
45	WCT-1-HMO-BT-P	9:05	DW	Grab	N	N	1	250 ml Plastic	Lead	P21-13683-45

SAMPLES REC'D PRESERVED WITH HNO₃ (2)

Page 3 of 4

Deliverables:	PDF Std.	PDF Reduce			PDF Full	EDD
	X					

Date/Time Preserved with HNO₃:

MATRIX CODES: GW = Ground Water, WW = Waste Water, SW = Surface Water, DW = Drinking Water, S = Soil, L = Liquid, SD = Sludge, B = Blank, K = Solid (specify):

PRESERVATIVE CODES: 0 = Ice 1 = HCl 2 = H2SO4 3 = NaOH 4 = HNO3 5 = Other

	Print Name	Signature	Company	Date + Time
Relinquished:	Marissa Weinstein	[signature]		12/29/2021
Received:	Lynn Souza	[signature]	PAS	13:15
Relinquished:				
Received:				
Relinquished:				
Received:				

PRECISION ANALYTICAL SERVICES, INC

CHAIN OF CUSTODY

School Name:	[illegible]
School Address	[illegible] NJ [illegible]
Sampled By:	[illegible]
Print Name:	Marissa Weinstein
RESULTS TO:	jperrini@[illegible]

Customer:	PARS Environmental
Address:	500 Horizon Drive, Suite 540
	Robbinsville, NJ 08691
Phone:	(609) 890-7277 Office (609) 672-2557 Cell Jessica Perrini

	Sample ID Location	Date: 12/29/21 Time Sampled	Matrix Code	Grab or Comp	Flush Sample	Filter Present	# Containers	Glass or Plastic	Analysis	LAB ID
46	WCT-1-NURSE-NS-P	9:10	DW	Grab	N	N	1	250 ml Plastic	Lead	P21-12083-46
			DW	Grab	N	N	1	250 ml Plastic	Lead	
			DW	Grab	N	N	1	250 ml Plastic	Lead	
			DW	Grab	N	N	1	250 ml Plastic	Lead	
			DW	Grab	N	N	1	250 ml Plastic	Lead	
			DW	Grab	N	N	1	250 ml Plastic	Lead	
			DW	Grab	N	N	1	250 ml Plastic	Lead	
			DW	Grab	N	N	1	250 ml Plastic	Lead	
			DW	Grab	N	N	1	250 ml Plastic	Lead	
			DW	Grab	N	N	1	250 ml Plastic	Lead	
			DW	Grab	N	N	1	250 ml Plastic	Lead	
			DW	Grab	N	N	1	250 ml Plastic	Lead	
			DW	Grab	N	N	1	250 ml Plastic	Lead	
			DW	Grab	N	N	1	250 ml Plastic	Lead	
			DW	Grab	N	N	1	250 ml Plastic	Lead	

SAMPLES REC'D PRESERVED WITH HNO$_3$ (Y)

Page 4 of 4

Deliverables:	PDF Std.	PDF Reduce			PDF Full	EDD	Date/Time Preserved with HNO3
	X						

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PRESERVATIVE CODES: 0 = Ice 1 = HCl 2 = H2SO4 3 = NaOH 4 = HNO3 5 = Other

	Print Name:	Signature:	Company	Date + Time
Relinquished:	Marissa Weinstein	Marissa Weinstein		12/29/2021
Received:	Lynn Souza	Lynn Souza	PAS	13:15
Relinquished:				
Received:				
Relinquished:				
Received:				

1/18/2022

Warren County Technical School
1500 Route 57
Washington, NJ 07882

Dear Warren County Technical School Community,

Our school system is committed to protecting student, teacher, and staff health. To protect our community and be in compliance with the Department of Education regulations, the Warren County Technical School tested our schools' drinking water for lead.

In accordance with the Department of Education regulations, the Warren County Technical School will implement immediate remedial measures for any drinking water outlet with a result greater than the action level of 15 µg/l (parts per billion [ppb]). This includes turning off the outlet unless it is determined the location must remain on for non-drinking purposes. In these cases, a "DO NOT DRINK – SAFE FOR HANDWASHING ONLY" sign will be posted.

Testing Results

Following instructions given in technical guidance developed by the New Jersey Department of Environmental Protection, we completed a plumbing profile for each of the buildings within the Warren County Technical School. Through this effort, we identified and tested all drinking water and food preparation outlets. Of the 46 samples taken, all but 1 tested below the lead action level established by the US Environmental Protection Agency for lead in drinking water (15 µg/l [ppb]).

The table below identifies the drinking water outlets that tested above the 15 µg/l for lead, the actual lead level, and what temporary remedial action the Warren County Technical School has taken to reduce the levels of lead at these locations.

Sample Location	First Draw Result in µg/l (ppb)	Remedial Action
Kitchen Sink	25.3	Filter installed. Sign posted "Handwashing Only" until filter was installed.

Health Effects of Lead

High levels of lead in drinking water can cause health problems. Lead is most dangerous for pregnant women, infants, and children under 6 years of age. It can cause damage to the brain and kidneys, and can interfere with the production of red blood cells that carry oxygen to all parts of your body. Exposure to high levels of lead during pregnancy contributes to low birth weight and developmental delays in infants. In young children, lead exposure can lower IQ levels, affect hearing, reduce attention span, and hurt school performance. At *very* high levels, lead can even cause brain damage. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults.

How Lead Enters our Water

Lead is unusual among drinking water contaminants in that it seldom occurs naturally in water supplies like groundwater, rivers and lakes. Lead enters drinking water primarily as a result of the corrosion, or wearing away, of materials containing lead in the water distribution system and in building plumbing. These materials include lead-based solder used to join copper pipe, brass, and chrome-plated brass faucets. In 1986, Congress banned the use of lead solder containing greater than 0.2% lead, and restricted the lead content of faucets, pipes and other plumbing materials. However, even the lead in plumbing materials meeting these new requirements is subject to corrosion. When water stands in lead pipes or plumbing systems containing lead for several hours or more, the lead may dissolve into the drinking water. This means the first water drawn from the tap in the morning *may* contain fairly high levels of lead.

Lead in Drinking Water

Lead in drinking water, although rarely the sole cause of lead poisoning can significantly increase a person's total lead exposure, particularly the exposure of children under the age of 6. EPA estimates that drinking water can make up 20% or more of a person's total exposure to lead.

For More Information

A copy of the test results is available in our central office for inspection by the public, including students, teachers, other school personnel, and parents, and can be viewed between the hours of 8:30 a.m. and 4:00 p.m. and are also available on our website at www.wctech.org For more information about water quality in our schools, contact Amy Barkman at the Board Office @ 908-869-6298.

For more information on reducing lead exposure around your home and the health effects of lead, visit EPA's Web site at **www.epa.gov/lead**, call the National Lead Information Center at 800-424-LEAD, or contact your health care provider.

If you are concerned about lead exposure at this facility or in your home, you may want to ask your health care providers about testing children to determine levels of lead in their blood.

Sincerely,

Amy M. Barkman
School Business Administrator
Warren County Technical School