

APPENDIX I

LABORATORY ANALYTICAL DATA



CERTIFICATE OF ANALYSIS

Customer : Brinkerhoff Environmental
1805 Atlantic Avenue
Manasquan, NJ 08736

Project ID : 14BR141 - Cherry Hill
PAS Project ID : P16-1518

Matrix : Drinking Water
Report Date : 04/12/16

PAS Sample ID	Client ID	Analysis	Results	Units	DF	PQL	MDL	MCL	Method	Date Sampled	Date Analyzed
P16-1518-01	CH-01A - Kitchen	Lead	1.03	J ug/L	1	2.00	0.462	15.0 *	SM 3113 B	4/9/16 10:04	4/11/16 13:03
P16-1518-02	CH-01B - Kitchen	Lead	ND	ug/L	1	2.00	0.462	15.0 *	SM 3113 B	4/9/16 10:04	4/11/16 13:35
P16-1518-03	CH-02A - Office Bath 102	Lead	0.899	J ug/L	1	2.00	0.462	15.0 *	SM 3113 B	4/9/16 10:11	4/11/16 13:39
P16-1518-04	CH-02B - Office Bath 102	Lead	ND	ug/L	1	2.00	0.462	15.0 *	SM 3113 B	4/9/16 10:11	4/11/16 13:43
P16-1518-05	CH-03A - Teach Lounge 104	Lead	0.709	J ug/L	1	2.00	0.462	15.0 *	SM 3113 B	4/9/16 10:16	4/11/16 13:47
P16-1518-06	CH-03B - Teach Lounge 104	Lead	0.772	J ug/L	1	2.00	0.462	15.0 *	SM 3113 B	4/9/16 10:16	4/11/16 13:51
P16-1518-07	CH-04A - Girls Room	Lead	4.83	ug/L	1	2.00	0.462	15.0 *	SM 3113 B	4/9/16 10:23	4/11/16 13:55
P16-1518-08	CH-04B - Girls Room	Lead	ND	ug/L	1	2.00	0.462	15.0 *	SM 3113 B	4/9/16 10:23	4/11/16 14:04
P16-1518-09	CH-05A - Room 120	Lead	1.22	J ug/L	1	2.00	0.462	15.0 *	SM 3113 B	4/9/16 10:28	4/11/16 14:29
P16-1518-10	CH-05B - Room 120	Lead	0.519	J ug/L	1	2.00	0.462	15.0 *	SM 3113 B	4/9/16 10:28	4/11/16 14:33
P16-1518-11	CH-06A - Room 121	Lead	ND	ug/L	1	2.00	0.462	15.0 *	SM 3113 B	4/9/16 10:34	4/11/16 14:42
P16-1518-12	CH-06B - Room 121	Lead	ND	ug/L	1	2.00	0.462	15.0 *	SM 3113 B	4/9/16 10:34	4/11/16 14:46
P16-1518-13	CH-07A - Room 108	Lead	3.25	ug/L	1	2.00	0.462	15.0 *	SM 3113 B	4/9/16 10:39	4/11/16 15:07
P16-1518-14	CH-07B - Room 108	Lead	0.582	J ug/L	1	2.00	0.462	15.0 *	SM 3113 B	4/9/16 10:39	4/11/16 15:11
P16-1518-15	CH-08A - Room 113	Lead	8.20	ug/L	1	2.00	0.462	15.0 *	SM 3113 B	4/9/16 10:44	4/11/16 15:15
P16-1518-16	CH-08B - Room 113	Lead	0.646	J ug/L	1	2.00	0.462	15.0 *	SM 3113 B	4/9/16 10:44	4/11/16 15:19
P16-1518-17	Field Blank	Lead	ND	ug/L	1	2.00	0.462	15.0 *	SM 3113 B	4/9/16 10:58	4/11/16 15:24

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
- B = Compound found in blank and samples
- E = Concentration exceeds calibration range
- J = Estimated result
- * Federal Action Level / EPA 3T's guidance 20 ug/L

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.

2101 WHITEVILLE ROAD TOMS RIVER, NJ 08755 PHONE 732-914-1915 FAX 732-914-1816

CHAIN OF CUSTODY

Customer: Brinkerhoff Environmental Services, Inc.
 Address: 1805 Atlantic Avenue, Manasquan, NJ 08736
 Phone: (732) 223-2225

Project Name: 14BR141
 School Name: CHERRY HILL
 Sampled By: JOE SERIO
 Print Name:
 RESULTS TO: gfleming@brinkenv.com

Sample ID	Location	Date/Time	Matrix Code	Grab or Comp	# of Containers	Glass or Plastic	pH < 2	Analysis Required	LAB ID
CH-01A	KITCHEN	4-9-16/1004	DW	Grab	1	P		Total Lead	P16-1518-01
CH-01B	" "	1004	DW	Grab	1	P		Total Lead	-02
CH-02A	OFFICE BATHROOM-102	1011	DW	Grab	1	P		Total Lead	-03
CH-02B	" "	1011	DW	Grab	1	P		Total Lead	-04
CH-03A	TEACHERS LOUNGE - 104	1016	DW	Grab	1	P		Total Lead	-05
CH-03B	" "	1016	DW	Grab	1	P		Total Lead	-06
CH-04A	GIRLS ROOM	1023	DW	Grab	1	P		Total Lead	-07
CH-04B	" "	1023	DW	Grab	1	P		Total Lead	-08
CH-05A	Room 120	1028	DW	Grab	1	P		Total Lead	-09
CH-05B	" "	1028	DW	Grab	1	P		Total Lead	-10
CH-06A	Room 121	1034	DW	Grab	1	P		Total Lead	-11
CH-06B	" "	1034	DW	Grab	1	P		Total Lead	-12
CH-07A	Room 108	1039	DW	Grab	1	P		Total Lead	-13
CH-07B	" "	1039	DW	Grab	1	P		Total Lead	-14
CH-08A	Room 113	1044	DW	Grab	1	P		Total Lead	-15

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Deliverables: PDF Std. PDF Reduced PDF Full EDD Excel Results

Date/Time Preserved with HNO3: 4/9/16 1530 M

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

	Signature	Organization	Date + Time
Relinquished: JOE SERIO		Brinkerhoff	04-09-2016
Received: Mark Feitelson		PAS	@ 1245
Relinquished:			
Received:			
Relinquished:			
Received:			

Samples rec'd unpreserved, preserved in lab



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PRECISION ANALYTICAL SERVICES, INC.

2161 WHITEVILLE ROAD TOMBS RIVER, NJ 08735 PHONE 732-914-1915 FAX 732-914-1918

CHAIN OF CUSTODY

Project Name:	14BR141
School Name:	CHERRY HILL
Sampled By:	JOE SERIO
Print Name:	
RESULTS TO:	gfleming@brinkenv.com

Customer:	Brinkerhoff Environmental Services, Inc.
Address:	1805 Atlantic Avenue, Manasquan, NJ 08736
Phone:	(732) 223-2225

Sample ID	Location	Date/Time	Matrix Code	Grab or Comp	# of Containers	Glass or Plastic	pH < 2	Analysis Required	LAB ID
CH-08B	ROOM 113	1044	DW	Grab	1	P		Total Lead	PIU-1518-10
CH-09	FIELD BLANK	1058	DW	Grab	1	P		Total Lead	-17
			DW	Grab	1	P		Total Lead	
			DW	Grab	1	P		Total Lead	
			DW	Grab	1	P		Total Lead	
			DW	Grab	1	P		Total Lead	
			DW	Grab	1	P		Total Lead	
			DW	Grab	1	P		Total Lead	
			DW	Grab	1	P		Total Lead	
			DW	Grab	1	P		Total Lead	
			DW	Grab	1	P		Total Lead	
			DW	Grab	1	P		Total Lead	
			DW	Grab	1	P		Total Lead	
			DW	Grab	1	P		Total Lead	
			DW	Grab	1	P		Total Lead	
			DW	Grab	1	P		Total Lead	

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Deliverables: PDF Std. PDF Reduced PDF Full EDD Excel Results

Date/Time Preserved with HNO3: 4/9/16 1530 72

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

Relinquished	Signature:	Organization	Date + Time
JOE SERIO		Brinkerhoff	04-09-2016
Received: Mark Feitelson		PAS	@ 1245
Relinquished:			
Received:			
Relinquished:			
Received:			

Samples rec'd unpreserved, preserved in lab