

APPENDIX I

LABORATORY ANALYTICAL DATA



CERTIFICATE OF ANALYSIS

Customer : Brinkerhoff Environmental
1805 Atlantic Avenue
Manasquan, NJ 08736

Project ID : 14BR141 - Cumberland
PAS Project ID : P16-1522

Matrix : Drinking Water
Report Date : 04/14/16

PAS Sample ID	Client ID	Analysis	Results	Units	DF	PQL	MDL	MCL	Method	Date Sampled	Date Analyzed
P16-1522-01	CU01A Faculty Rm Sink FD	Lead	1.61 J	ug/L	1	2.00	0.462	15.0 *	SM 3113 B	4/9/16 11:28	4/11/16 15:50
P16-1522-02	CU01B Faculty Rm Sink FL	Lead	0.790 J	ug/L	1	2.00	0.462	15.0 *	SM 3113 B	4/9/16 11:28	4/11/16 15:54
P16-1522-03	CU02A Kitchen Sink FD	Lead	2.13	ug/L	1	2.00	0.462	15.0 *	SM 3113 B	4/9/16 11:41	4/11/16 16:03
P16-1522-04	CU02B Kitchen Sink FL	Lead	1.38 J	ug/L	1	2.00	0.462	15.0 *	SM 3113 B	4/9/16 11:41	4/11/16 16:07
P16-1522-05	CU03A Room 107 Sink FD	Lead	4.50	ug/L	1	2.00	0.462	15.0 *	SM 3113 B	4/9/16 11:49	4/11/16 16:19
P16-1522-06	CU03B Room 107 Sink FL	Lead	0.790 J	ug/L	1	2.00	0.462	15.0 *	SM 3113 B	4/9/16 11:49	4/11/16 16:23
P16-1522-07	CU04A Room 115 Sink FD	Lead	6.88	ug/L	1	2.00	0.462	15.0 *	SM 3113 B	4/9/16 11:58	4/11/16 16:27
P16-1522-08	CU04B Room 115 Sink FL	Lead	2.13	ug/L	1	2.00	0.462	15.0 *	SM 3113 B	4/9/16 11:58	4/11/16 16:40
P16-1522-09	CU05A Room 111 Sink FD	Lead	3.09	ug/L	1	2.00	0.462	15.0 *	SM 3113 B	4/9/16 12:05	4/11/16 16:44
P16-1522-10	CU05B Room 111 Sink FL	Lead	3.46	ug/L	1	2.00	0.462	15.0 *	SM 3113 B	4/9/16 12:05	4/11/16 16:48
P16-1522-11	CU06A Room 112 Sink FD	Lead	8.43	ug/L	1	2.00	0.462	15.0 *	SM 3113 B	4/9/16 12:11	4/11/16 16:52
P16-1522-12	CU06B Room 112 Sink FL	Lead	1.76 J	ug/L	1	2.00	0.462	15.0 *	SM 3113 B	4/9/16 12:11	4/11/16 16:56
P16-1522-13	CU07 Field Blank	Lead	ND	ug/L	1	2.00	0.462	15.0 *	SM 3113 B	4/9/16 00:00	4/11/16 17:01

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



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PRECISION ANALYTICAL SERVICES, INC.

2181 WHITESVILLE ROAD TOMS RIVER, NJ 08785 PHONE 732-914-1818 FAX 732-914-1818

CHAIN OF CUSTODY

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

Project Name: 14BR141
 School Name: CUMBERLAND
 Sampled By: C. GLOWACKI
 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
CV-01A	Faculty Room Sink FD	4/9/16 1328	DW	Grab	1	P		Total Lead	P16-1522-01
CV-01B	↓ FL	1128	DW	Grab	1	P		Total Lead	-02
CV-02A	Kitchen sink FD	1141	DW	Grab	1	P		Total Lead	-03
CV-02B	↓ FL	1141	DW	Grab	1	P		Total Lead	-04
CV-03A	Room 107 sink FD	1149	DW	Grab	1	P		Total Lead	-05
CV-03B	↓ FL	1149	DW	Grab	1	P		Total Lead	-06
CV-04A	Room 115 sink FD	1158	DW	Grab	1	P		Total Lead	-07
CV-04B	↓ FL	1158	DW	Grab	1	P		Total Lead	-08
CV-05A	Room 111 sink FD	1205	DW	Grab	1	P		Total Lead	-09
CV-05B	↓ FL	1205	DW	Grab	1	P		Total Lead	-10
CV-06A	Room 112 sink FD	1211	DW	Grab	1	P		Total Lead	-11
CV-06B	↓ FL	1211	DW	Grab	1	P		Total Lead	-12
CV-07A	Field Blank		DW	Grab	1	P		Total Lead	-13
CV-07B			DW	Grab	1	P		Total Lead	
		↓	DW	Grab	1	P		Total Lead	

Page 1 of Deliverables: PDF Std. PDF Reduced PDF Full Excel EDD Results Date/Time Preserved with HNO3: 4/9/16 15:50

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

Relinquished	Signature:	Organization	Date + Time
Relinquished: <u>Chris Glowacki</u>	<u>[Signature]</u>	Brinkerhoff	4/9/16 15:40
Received: <u>Marc Feitelson</u>	<u>[Signature]</u>		
Relinquished:			
Received:			
Relinquished:			
Received:			

Samples rec'd unpreserved, preserved in lab