



Microbac Laboratories, Inc. - Baltimore

CERTIFICATE OF ANALYSIS

19J1311

Global Consulting, Inc.

Project Name: HCPS Marriots Ridge HS

Judi Darnell
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Greenbelt, MD 20770

Project / PO Number: N/A
Received: 10/17/2019
Reported: 10/25/2019

Analytical Testing Parameters

Table with 2 columns: Parameter (Client Sample ID, Sample Matrix, Lab Sample ID) and Value (First Draw MRHS-01 OT-ADMINISTRATIVE OFFICE SINK, Drinking Water, 19J1311-01, Collected By: Uditha Fernando, Collection Date: 10/12/2019 5:05)

Metals, Total by EPA 200 Series Methods

Method: EPA 200.2/EPA 200.8

Table with 9 columns: Lead, Result (1.4), Limit(s) (20.0), RL (1.0), Units (ppb), Note, Prepared (10/23/19 1330), Analyzed (10/24/19 0948), Analyst (GHW)

Table with 2 columns: Parameter (Client Sample ID, Sample Matrix, Lab Sample ID) and Value (First Draw MRHS-02 OT-ADMINISTRATIVE WORKROOM SINK, Drinking Water, 19J1311-02, Collected By: Uditha Fernando, Collection Date: 10/12/2019 5:02)

Metals, Total by EPA 200 Series Methods

Method: EPA 200.2/EPA 200.8

Table with 9 columns: Lead, Result (<1.0), Limit(s) (20.0), RL (1.0), Units (ppb), Note, Prepared (10/23/19 1330), Analyzed (10/24/19 0953), Analyst (GHW)

Table with 2 columns: Parameter (Client Sample ID, Sample Matrix, Lab Sample ID) and Value (First Draw MRHS-03 TL - Teacher's Lounge Sink, Drinking Water, 19J1311-03, Collected By: Uditha Fernando, Collection Date: 10/12/2019 5:27)

Metals, Total by EPA 200 Series Methods

Method: EPA 200.2/EPA 200.8

Table with 9 columns: Lead, Result (<1.0), Limit(s) (20.0), RL (1.0), Units (ppb), Note, Prepared (10/23/19 1330), Analyzed (10/24/19 0955), Analyst (GHW)

Table with 2 columns: Parameter (Client Sample ID, Sample Matrix, Lab Sample ID) and Value (First Draw MRHS-04 DF/C - Drinking Fountain/Chilled, Drinking Water, 19J1311-04, Collected By: Uditha Fernando, Collection Date: 10/12/2019 5:28)

Metals, Total by EPA 200 Series Methods

Method: EPA 200.2/EPA 200.8

Table with 9 columns: Lead, Result (<1.0), Limit(s) (20.0), RL (1.0), Units (ppb), Note, Prepared (10/23/19 1330), Analyzed (10/24/19 0956), Analyst (GHW)



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Client Sample ID: First Draw MRHS-04BW OT - Bottle Refill Dispenser	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/17/2019 6:40
Lab Sample ID: 19J1311-05	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 0958	GHW

Client Sample ID: First Draw MRHS-05 DF/C - Drinking Fountain/Chilled	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 5:29
Lab Sample ID: 19J1311-06	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 1000	GHW

Client Sample ID: First Draw MRHS-06 KS - Kitchen Sink	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 5:11
Lab Sample ID: 19J1311-07	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	1.3	20.0	1.0	ppb		10/23/19 1330	10/24/19 1007	GHW

Client Sample ID: First Draw MRHS-07 KS - Kitchen Sink	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 5:13
Lab Sample ID: 19J1311-08	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	1.1	20.0	1.0	ppb		10/23/19 1330	10/24/19 1008	GHW



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Client Sample ID: First Draw MRHS-08 KK-KITCHEN KETTLE	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 5:21
Lab Sample ID: 19J1311-09	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	1.2	20.0	1.0	ppb		10/23/19 1330	10/24/19 1010	GHW

Client Sample ID: First Draw MRHS-09 KS - Kitchen Sink	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 5:19
Lab Sample ID: 19J1311-10	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 1012	GHW

Client Sample ID: First Draw MRHS-10 IM -Ice Machine	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 5:15
Lab Sample ID: 19J1311-11	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 1013	GHW

Client Sample ID: First Draw MRHS-11 DF/C - Drinking Fountain/Chilled	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 5:30
Lab Sample ID: 19J1311-12	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 1019	GHW



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Client Sample ID:	First Draw MRHS-12 TL - Teacher's Lounge Sink	Collected By:	Uditha Fernando
Sample Matrix:	Drinking Water	Collection Date:	10/12/2019 5:35
Lab Sample ID:	19J1311-13		

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 1020	GHW

Client Sample ID:	First Draw MRHS-13 DF/C - Drinking Fountain/Chilled	Collected By:	Uditha Fernando
Sample Matrix:	Drinking Water	Collection Date:	10/12/2019 5:44
Lab Sample ID:	19J1311-14		

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 1022	GHW

Client Sample ID:	First Draw MRHS-14 DF/C - Drinking Fountain/Chilled	Collected By:	Uditha Fernando
Sample Matrix:	Drinking Water	Collection Date:	10/12/2019 5:45
Lab Sample ID:	19J1311-15		

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 1029	GHW

Client Sample ID:	First Draw MRHS-15 DF/C - Drinking Fountain/Chilled	Collected By:	Uditha Fernando
Sample Matrix:	Drinking Water	Collection Date:	10/12/2019 5:37
Lab Sample ID:	19J1311-16		

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 1031	GHW



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Client Sample ID: First Draw MRHS-16 DF/C - Drinking Fountain/Chilled	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 5:40
Lab Sample ID: 19J1311-17	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 1032	GHW

Client Sample ID: First Draw MRHS-17 DF/C - Drinking Fountain/Chilled	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 5:48
Lab Sample ID: 19J1311-18	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 1034	GHW

Client Sample ID: First Draw MRHS-18 DF/C - Drinking Fountain/Chilled	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 5:49
Lab Sample ID: 19J1311-19	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 1036	GHW

Client Sample ID: First Draw MRHS-19 DF/C - Drinking Fountain/Chilled	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 5:50
Lab Sample ID: 19J1311-20	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 1037	GHW



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Client Sample ID: First Draw MRHS-20 DF/C - Drinking Fountain/Chilled	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 5:50
Lab Sample ID: 19J1311-21	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 1043	GHW

Client Sample ID: First Draw MRHS-21 OT - Concession Stand Sink	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 5:54
Lab Sample ID: 19J1311-22	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	1.3	20.0	1.0	ppb		10/23/19 1330	10/24/19 1053	GHW

Client Sample ID: First Draw MRHS-22 DF/C - Drinking Fountain/Chilled	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 5:55
Lab Sample ID: 19J1311-23	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 1055	GHW

Client Sample ID: First Draw MRHS-22BW OT - Bottle Refill Dispenser	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/17/2019 6:43
Lab Sample ID: 19J1311-24	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 1056	GHW



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Client Sample ID: First Draw MRHS-23 DF/C - Drinking Fountain/Chilled	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 6:25
Lab Sample ID: 19J1311-25	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 1058	GHW

Client Sample ID: First Draw MRHS-24 DF/C - Drinking Fountain/Chilled	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 5:56
Lab Sample ID: 19J1311-26	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 1100	GHW

Client Sample ID: First Draw MRHS-25 DF/C - Drinking Fountain/Chilled	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 6:24
Lab Sample ID: 19J1311-27	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 1102	GHW

Client Sample ID: First Draw MRHS-26 DF/C - Drinking Fountain/Chilled	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 5:57
Lab Sample ID: 19J1311-28	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 1103	GHW



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Client Sample ID: First Draw MRHS-27 DF/C - Drinking Fountain/Chilled	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 5:58
Lab Sample ID: 19J1311-29	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 1105	GHW

Client Sample ID: First Draw MRHS-28 TL - Teacher's Lounge Sink	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 6:00
Lab Sample ID: 19J1311-30	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 1107	GHW

Client Sample ID: First Draw MRHS-29 IM -Ice Machine	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 6:02
Lab Sample ID: 19J1311-31	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 1114	GHW

Client Sample ID: First Draw MRHS-30 OT - Spigot for Coolers (i.e. athletics)	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 6:11
Lab Sample ID: 19J1311-32	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	23.9	20.0	1.0	ppb		10/23/19 1330	10/24/19 1119	GHW



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Client Sample ID: First Draw MRHS-31 IM -Ice Machine	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 6:09
Lab Sample ID: 19J1311-33	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 1120	GHW

Client Sample ID: First Draw MRHS-32 HE - Home Economic Sink	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 6:14
Lab Sample ID: 19J1311-34	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	8.1	20.0	1.0	ppb		10/23/19 1330	10/24/19 1122	GHW

Client Sample ID: First Draw MRHS-33 HE - Home Economic Sink	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 6:15
Lab Sample ID: 19J1311-35	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 1124	GHW

Client Sample ID: First Draw MRHS-34 HE - Home Economic Sink	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 6:15
Lab Sample ID: 19J1311-36	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	1.6	20.0	1.0	ppb		10/23/19 1330	10/24/19 1126	GHW



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Client Sample ID: First Draw MRHS-35 HE - Home Economic Sink	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 6:16
Lab Sample ID: 19J1311-37	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 1127	GHW

Client Sample ID: First Draw MRHS-36 HE - Home Economic Sink	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 6:17
Lab Sample ID: 19J1311-38	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 1129	GHW

Client Sample ID: First Draw MRHS-37 HE - Home Economic Sink	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 6:18
Lab Sample ID: 19J1311-39	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 1136	GHW

Client Sample ID: First Draw MRHS-38 HE - Home Economic Sink	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 6:19
Lab Sample ID: 19J1311-40	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 1138	GHW



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Client Sample ID: First Draw MRHS-39 HE - Home Economic Sink	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 6:19
Lab Sample ID: 19J1311-41	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 1143	GHW

Client Sample ID: First Draw MRHS-40 CR - Classroom Sink	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 6:21
Lab Sample ID: 19J1311-42	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 1148	GHW

Client Sample ID: First Draw MRHS-41 DF/C - Drinking Fountain/Chilled	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 6:22
Lab Sample ID: 19J1311-43	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 1150	GHW

Client Sample ID: First Draw MRHS-42 NO - Nurse's Office Sink	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 6:24
Lab Sample ID: 19J1311-44	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 1152	GHW



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Client Sample ID: First Draw MRHS-43 DF/C - Drinking Fountain/Chilled	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 6:26
Lab Sample ID: 19J1311-45	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 1158	GHW

Client Sample ID: First Draw MRHS-44 DF/C - Drinking Fountain/Chilled	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 6:27
Lab Sample ID: 19J1311-46	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 1200	GHW

Client Sample ID: First Draw MRHS-45 OT - Art Workroom/Office/Storage	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 6:30
Lab Sample ID: 19J1311-47	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	3.6	20.0	1.0	ppb		10/23/19 1330	10/24/19 1202	GHW

Client Sample ID: First Draw MRHS-46 OT - Art Workroom/Office/Storage	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 6:30
Lab Sample ID: 19J1311-48	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 1204	GHW



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Client Sample ID: First Draw MRHS-47 CR - Classroom Sink	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 6:36
Lab Sample ID: 19J1311-49	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 1205	GHW

Client Sample ID: First Draw MRHS-48 DF/C - Drinking Fountain/Chilled	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 6:42
Lab Sample ID: 19J1311-50	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 1207	GHW

Client Sample ID: First Draw MRHS-49 DF/C - Drinking Fountain/Chilled	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 6:42
Lab Sample ID: 19J1311-51	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 1209	GHW

Client Sample ID: First Draw MRHS-50 CR - Classroom Sink	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 6:41
Lab Sample ID: 19J1311-52	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 1214	GHW



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CERTIFICATE OF ANALYSIS

19J1311

Client Sample ID: First Draw MRHS-51 DF/C - Drinking Fountain/Chilled	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 6:45
Lab Sample ID: 19J1311-53	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 1221	GHW

Client Sample ID: First Draw MRHS-52 DF/C - Drinking Fountain/Chilled	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 6:46
Lab Sample ID: 19J1311-54	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 1223	GHW

Client Sample ID: First Draw MRHS-53 OT-MEDIA WORKROOM SINK	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 6:48
Lab Sample ID: 19J1311-55	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 1224	GHW

Client Sample ID: First Draw MRHS-55 TL - Teacher's Lounge Sink	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 6:51
Lab Sample ID: 19J1311-56	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 1226	GHW



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CERTIFICATE OF ANALYSIS

19J1311

Client Sample ID: First Draw MRHS-56 CR - Classroom Sink	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 6:53
Lab Sample ID: 19J1311-57	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	1.5	20.0	1.0	ppb		10/23/19 1330	10/24/19 1228	GHW

Client Sample ID: First Draw MRHS-57 DF/C - Drinking Fountain/Chilled	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 6:56
Lab Sample ID: 19J1311-58	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 1230	GHW

Client Sample ID: First Draw MRHS-58 DF/C - Drinking Fountain/Chilled	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 6:57
Lab Sample ID: 19J1311-59	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 1231	GHW

Client Sample ID: First Draw MRHS-58BW OT - Bottle Refill Dispenser	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 6:45
Lab Sample ID: 19J1311-60	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1330	10/24/19 1233	GHW



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Client Sample ID: First Draw MRHS-59 CR - Classroom Sink	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 6:55
Lab Sample ID: 19J1311-61	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	2.3	20.0	1.0	ppb		10/23/19 1338	10/24/19 1243	GHW

Client Sample ID: First Draw MRHS-60 CR - Classroom Sink	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 6:57
Lab Sample ID: 19J1311-62	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1338	10/24/19 1249	GHW

Client Sample ID: First Draw MRHS-61 OT - Science Prep Room	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 7:00
Lab Sample ID: 19J1311-63	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	1.4	20.0	1.0	ppb		10/23/19 1338	10/24/19 1250	GHW

Client Sample ID: First Draw MRHS-62 OT - Science Prep Room	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 7:01
Lab Sample ID: 19J1311-64	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	5.6	20.0	1.0	ppb		10/23/19 1338	10/24/19 1252	GHW



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19J1311

Client Sample ID: First Draw MRHS-63 DF/C - Drinking Fountain/Chilled	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 7:05
Lab Sample ID: 19J1311-65	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1338	10/24/19 1254	GHW

Client Sample ID: First Draw MRHS-64 DF/C - Drinking Fountain/Chilled	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 7:08
Lab Sample ID: 19J1311-66	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1338	10/24/19 1256	GHW

Client Sample ID: First Draw MRHS-64BW OT - Bottle Refill Dispenser	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 6:48
Lab Sample ID: 19J1311-67	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1338	10/24/19 1302	GHW

Client Sample ID: First Draw MRHS-65 DF/C - Drinking Fountain/Chilled	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 7:07
Lab Sample ID: 19J1311-68	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1338	10/24/19 1304	GHW



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19J1311

Client Sample ID: First Draw MRHS-66 DF/C - Drinking Fountain/Chilled	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 7:11
Lab Sample ID: 19J1311-69	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1338	10/24/19 1306	GHW

Client Sample ID: First Draw MRHS-67 DF/C - Drinking Fountain/Chilled	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 7:14
Lab Sample ID: 19J1311-70	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1338	10/24/19 1308	GHW

Client Sample ID: First Draw MRHS-68 TL - Teacher's Lounge Sink	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 7:16
Lab Sample ID: 19J1311-71	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1338	10/24/19 1309	GHW

Client Sample ID: First Draw MRHS-69 CR - Classroom Sink	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 7:18
Lab Sample ID: 19J1311-72	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	4.8	20.0	1.0	ppb		10/23/19 1338	10/24/19 1315	GHW



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CERTIFICATE OF ANALYSIS

19J1311

Client Sample ID:	First Draw MRHS-70 DF/C - Drinking Fountain/Chilled	Collected By:	Uditha Fernando
Sample Matrix:	Drinking Water	Collection Date:	10/12/2019 7:19
Lab Sample ID:	19J1311-73		

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1338	10/24/19 1316	GHW

Client Sample ID:	First Draw MRHS-71 DF/C - Drinking Fountain/Chilled	Collected By:	Uditha Fernando
Sample Matrix:	Drinking Water	Collection Date:	10/12/2019 7:20
Lab Sample ID:	19J1311-74		

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1338	10/24/19 1318	GHW

Client Sample ID:	First Draw MRHS-72 OT - Science Prep Room	Collected By:	Uditha Fernando
Sample Matrix:	Drinking Water	Collection Date:	10/12/2019 7:24
Lab Sample ID:	19J1311-75		

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	2.0	20.0	1.0	ppb		10/23/19 1338	10/24/19 1325	GHW

Client Sample ID:	First Draw MRHS-73 OT - Science Prep Room	Collected By:	Uditha Fernando
Sample Matrix:	Drinking Water	Collection Date:	10/12/2019 7:22
Lab Sample ID:	19J1311-76		

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	1.8	20.0	1.0	ppb		10/23/19 1338	10/24/19 1327	GHW



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CERTIFICATE OF ANALYSIS

19J1311

Client Sample ID: First Draw MRHS-74 OT - Concession Stand Sink	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 7:31
Lab Sample ID: 19J1311-77	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1338	10/24/19 1328	GHW

Client Sample ID: First Draw MRHS-75 DF/B - Drinking Fountain/Bubbler	Collected By: Uditha Fernando
Sample Matrix: Drinking Water	Collection Date: 10/12/2019 7:32
Lab Sample ID: 19J1311-78	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		10/23/19 1338	10/24/19 1330	GHW

Results in **bold** have exceeded a limit defined for this project. Limits are provided for reference but as regulatory limits change frequently, Microbac Laboratories, Inc. advises the recipient of this report to confirm such limits and units of concentration with the appropriate Federal, state or local authorities before acting on the data.

Definitions

RL: Reporting Limit

Project Requested Certification(s)

Microbac Laboratories, Inc. - Baltimore
E871126

Florida - NELAC

Report Comments

Samples were received in proper condition and the reported results conform to applicable accreditation standard unless otherwise noted.

The data and information on this, and other accompanying documents, represents only the sample(s) analyzed. This report is incomplete unless all pages indicated in the footnote are present and an authorized signature is included.

Reviewed and Approved By:

Evelyn Shinas
Customer Relationship Coordinator
Reported: 10/25/2019 08:38

Cooler Receipt Form / Sample Acceptance & Noncompliance Form

Microbac Laboratories, Inc., Baltimore Division
 Control # 606-03
 Effective Date: 11/30/2016
 Page 1 of 1

Number of Coolers Received: 1

Receipt Date / Time: 10/17/19

Client: Global

Work Order # 1921311

Form Completed By: Hailey

Shipper:

Microbac Client UPS FedEx

Custody Tape Intact:

~~YES~~ / NO / NA

Containers Intact:

~~YES~~ / NO

Sample Received on Ice or refrigerated:

~~YES~~ / NO / NA

Infrared (IR) Temperature: 18.9 °C

Chain of Custody Present with shipment:

~~YES~~ / NO

Sample Bottle IDs agree with COC:

~~YES~~ / NO

Preservation requirements met:

YES / ~~NO~~ / Not Checked

Correct Number of Containers / Sample Volume:

~~YES~~ / NO (If No, contact client immediately)

Headspace in container:

~~YES~~ / NO / NA

Type of Sample:

Water Soil Wipes Oil Filter Solid Sludge Food Swab Other

Container Type / Quantity:

A -	Unpreserved	H2SO4	HNO3	HCl	NaOH	NaOH/Ascorbic Acid:	If preserved pH <2, pH >10
B -	Unpreserved	H2SO4	HNO3	HCl	NaOH	NaOH/Ascorbic Acid	If preserved pH <2, pH >10
C -	Unpreserved	H2SO4	HNO3	HCl	NaOH	NaOH/Ascorbic Acid	If preserved pH <2, pH >10
D -	Unpreserved	H2SO4	HNO3	HCl	NaOH	NaOH/Ascorbic Acid	If preserved pH <2, pH >10
E -	Unpreserved	H2SO4	HNO3	HCl	NaOH	NaOH/Ascorbic Acid	If preserved pH <2, pH >10
H -	Unpreserved	H2SO4	HNO3	HCl	NaOH	NaOH/Ascorbic Acid	If preserved pH <2, pH >10
K -	Unpreserved	H2SO4	HNO3	HCl	NaOH	NaOH/Ascorbic Acid	If preserved pH <2, pH >10
L -	Unpreserved	H2SO4	HNO3	HCl	NaOH	NaOH/Ascorbic Acid	If preserved pH <2, pH >10
M -	Unpreserved	H2SO4	HNO3	HCl	NaOH	NaOH/Ascorbic Acid	If preserved pH <2, pH >10
P - <u>14</u>	Unpreserved	H2SO4	HNO3	HCl	NaOH	NaOH/Ascorbic Acid	If preserved pH <2, pH >10
W -	Unpreserved	H2SO4	HNO3	HCl	NaOH	NaOH/Ascorbic Acid	If preserved pH <2, pH >10
V -	Unpreserved	HCl	HCl / Ascorbic Acid	HCl / NaTHIO	(Checked at time of Analysis)		
F -	Unpreserved	NaTHIO (Checked at time of Analysis)					
S -	Unpreserved	NaTHIO (Checked at time of Analysis)					
SN -	Unpreserved	NaTHIO / EDTA (Checked at time of Analysis)					
	Unpreserved	H2SO4	HNO3	HCl	NaOH	NaOH/Ascorbic Acid	If preserved pH <2, pH >10
	Unpreserved	H2SO4	HNO3	HCl	NaOH	NaOH/Ascorbic Acid	If preserved pH <2, pH >10
	Unpreserved	H2SO4	HNO3	HCl	NaOH	NaOH/Ascorbic Acid	If preserved pH <2, pH >10

Describe preservation requirements not met:

All Acid preserved <2 pH NaOH preserved >12 pH All others >2 and <10 (usually 4-8)

Sample ID: all 50 bts preserved H2SO4 HNO3 NaOH 1 mls added 100%
 Sample ID: _____ H2SO4 HNO3 NaOH _____ mls added 0%
 Sample ID: _____ H2SO4 HNO3 NaOH _____ mls added
 Sample ID: _____ H2SO4 HNO3 NaOH _____ mls added

H2SO4 - Sulfuric Acid, HNO3 - Nitric Acid, NaOH - Sodium Hydroxide, ASC - Ascorbic Acid, NaTHIO - Sodium Thiosulfate

Describe Anomalies: COC states 78 bottles only received 74

#54 missing, courier stated upon delivery 10/17/19

Contact information / Summary of Actions:

Date / Time: _____ Contact: _____ Contact By: _____

Comments: _____