Portland Public Schools
Lead and Copper Water Sampling Results
A (Initial) and B (Follow-Up) Sample Data
Humboldt School

Sample Identification # and Location	Date/Time Collected	Date/Time Analyzed	Container ID	Analyte	Results	PPS Action Level*	Units
164-2232-A-001A Rm 19 Bubbler	08/10/18 7:51 AM	08/13/18 5:29 PM	18018877	Copper	< 0.1	1.3	ppm
164-2232-A-001A Rm 19 Bubbler	08/10/18 7:51 AM	08/13/18 5:29 PM	18018877	Lead	40	15	ppb
164-2232-A-001B Rm 19 Bubbler	08/10/18 7:51 AM	08/13/18 5:31 PM	18018845	Copper	< 0.1	1.3	ppm
164-2232-A-001B Rm 19 Bubbler	08/10/18 7:51 AM	08/13/18 5:31 PM	18018845	Lead	3	15	ppb
164-2228-A-001A Rm 37 Bubbler	08/10/18 7:58 AM	08/13/18 5:33 PM	18018843	Copper	< 0.1	1.3	ppm
164-2228-A-001A Rm 37 Bubbler	08/10/18 7:58 AM	08/13/18 5:33 PM	18018843	Lead	22	15	ppb
164-2228-A-001B Rm 37 Bubbler	08/10/18 7:58 AM	08/13/18 5:43 PM	18018846	Copper	< 0.1	1.3	ppm
164-2228-A-001B Rm 37 Bubbler	08/10/18 7:58 AM	08/13/18 5:43 PM	18018846	Lead	8	15	ppb
164-2229-A-001A Rm 40 Bubbler	08/10/18 8:03 AM	08/13/18 5:45 PM	18018844	Copper	< 0.1	1.3	ppm
164-2229-A-001A Rm 40 Bubbler	08/10/18 8:03 AM	08/13/18 5:45 PM	18018844	Lead	2	15	ppb
164-2229-A-001B Rm 40 Bubbler	08/10/18 8:03 AM	08/13/18 5:47 PM	18018875	Copper	< 0.1	1.3	ppm
164-2229-A-001B Rm 40 Bubbler	08/10/18 8:03 AM	08/13/18 5:47 PM	18018875	Lead	< 1	15	ppb
164-2230-A-001A Rm 17 Bubbler	08/10/18 8:08 AM	08/13/18 5:49 PM	18018876	Copper	< 0.1	1.3	ppm
164-2230-A-001A Rm 17 Bubbler	08/10/18 8:08 AM	08/13/18 5:49 PM	18018876	Lead	2	15	ppb
164-2230-A-001B Rm 17 Bubbler	08/10/18 8:08 AM	08/13/18 5:51 PM	18018878	Copper	< 0.1	1.3	ppm
164-2230-A-001B Rm 17 Bubbler	08/10/18 8:08 AM	08/13/18 5:51 PM	18018878	Lead	< 1	15	ppb
164-2231-A-001A Rm 18 Bubbler	08/10/18 8:12 AM	08/13/18 5:53 PM	18018847	Copper	< 0.1	1.3	ppm
164-2231-A-001A Rm 18 Bubbler	08/10/18 8:12 AM	08/13/18 5:53 PM	18018847	Lead	< 1	15	ppb
164-2231-A-001B Rm 18 Bubbler	08/10/18 8:12 AM	08/13/18 5:54 PM	18018848	Copper	< 0.1	1.3	ppm
164-2231-A-001B Rm 18 Bubbler	08/10/18 8:12 AM	08/13/18 5:54 PM	18018848	Lead	< 1	15	ppb
164-2233-A-001A Rm 16 Bubbler	08/10/18 8:15 AM	08/13/18 5:56 PM	18018841	Copper	< 0.1	1.3	ppm
164-2233-A-001A Rm 16 Bubbler	08/10/18 8:15 AM	08/13/18 5:56 PM	18018841	Lead	3	15	ppb
164-2233-A-001B Rm 16 Bubbler	08/10/18 8:15 AM	08/13/18 5:58 PM	18018842	Copper	< 0.1	1.3	ppm
164-2233-A-001B Rm 16 Bubbler	08/10/18 8:15 AM	08/13/18 5:58 PM	18018842	Lead	2	15	ppb
164-2235-A-001A Rm 21 Bubbler	08/10/18 8:21 AM	08/13/18 6:00 PM	18018874	Copper	< 0.1	1.3	ppm
164-2235-A-001A Rm 21 Bubbler	08/10/18 8:21 AM	08/13/18 6:00 PM	18018874	Lead	1	15	ppb
164-2235-A-001B Rm 21 Bubbler	08/10/18 8:21 AM	08/13/18 6:11 PM	18018873	Copper	< 0.1	1.3	ppm
164-2235-A-001B Rm 21 Bubbler	08/10/18 8:21 AM	08/13/18 6:11 PM	18018873	Lead	< 1	15	ppb
164-2252-A-001A Rm 14 Bubbler	08/10/18 8:25 AM	08/13/18 6:12 PM	18018866	Copper	< 0.1	1.3	ppm
164-2252-A-001A Rm 14 Bubbler	08/10/18 8:25 AM	08/13/18 6:12 PM	18018866	Lead	< 1	15	ppb
164-2252-A-001B Rm 14 Bubbler	08/10/18 8:25 AM	08/13/18 6:14 PM	18018850	Copper	< 0.1	1.3	ppm
164-2252-A-001B Rm 14 Bubbler	08/10/18 8:25 AM	08/13/18 6:14 PM	18018850	Lead	1	15	ppb
164-2251-A-001A Rm 22 Bubbler	08/10/18 8:30 AM	08/13/18 6:16 PM	18018849	Copper	< 0.1	1.3	ppm
164-2251-A-001A Rm 22 Bubbler	08/10/18 8:30 AM	08/13/18 6:16 PM	18018849	Lead	16	15	ppb
164-2251-A-001B Rm 22 Bubbler	08/10/18 8:30 AM	08/13/18 6:18 PM	18018870	Copper	< 0.1	1.3	ppm
164-2251-A-001B Rm 22 Bubbler	08/10/18 8:30 AM	08/13/18 6:18 PM	18018870	Lead	3	15	ppb
164-2250-A-001A Rm 13 Bubbler	08/10/18 8:34 AM	08/13/18 6:20 PM	18018867	Copper	< 0.1	1.3	ppm
164-2250-A-001A Rm 13 Bubbler	08/10/18 8:34 AM	08/13/18 6:20 PM	18018867	Lead	< 1	15	ppb
164-2250-A-001B Rm 13 Bubbler	08/10/18 8:34 AM	08/13/18 6:21 PM	18018868	Copper	< 0.1	1.3	ppm
164-2250-A-001B Rm 13 Bubbler	08/10/18 8:34 AM	08/13/18 6:21 PM	18018868	Lead	< 1	15	ppb
164-2249-A-001A Rm 23 Bubbler	08/10/18 8:36 AM	08/13/18 6:23 PM	18018869	Copper	< 0.1	1.3	ppm
164-2249-A-001A Rm 23 Bubbler	08/10/18 8:36 AM	08/13/18 6:23 PM	18018869	Lead	1	15	ppb
164-2249-A-001B Rm 23 Bubbler	08/10/18 8:36 AM	08/13/18 6:25 PM	18018872	Copper	< 0.1	1.3	ppm
164-2249-A-001B Rm 23 Bubbler	08/10/18 8:36 AM	08/13/18 6:25 PM	18018872	Lead	< 1	15	ppb
164-2247-A-001A Rm 12 Bubbler	08/10/18 8:42 AM	08/13/18 6:27 PM	18018851	Copper	< 0.1	1.3	ppm
164-2247-A-001A Rm 12 Bubbler	08/10/18 8:42 AM	08/13/18 6:27 PM	18018851	Lead	1	15	ppb
164-2247-A-001B Rm 12 Bubbler	08/10/18 8:42 AM	08/13/18 6:40 PM	18018853	Copper	< 0.1	1.3	ppm
164-2247-A-001B Rm 12 Bubbler	08/10/18 8:42 AM	08/13/18 6:40 PM	18018853	Lead	< 1	15	ppb
164-2236-A-001A Staff Rm 6 Faucet	08/10/18 8:51 AM	08/13/18 8:35 PM	18018857	Copper	< 0.1	1.3	ppm
164-2236-A-001A Staff Rm 6 Faucet	08/10/18 8:51 AM	08/13/18 8:35 PM	18018857	Lead	5	15	ppb
164-2236-A-001B Staff Rm 6 Faucet	08/10/18 8:51 AM	08/13/18 6:41 PM	18018860	Copper	< 0.1	1.3	ppm
164-2236-A-001B Staff Rm 6 Faucet	08/10/18 8:51 AM	08/13/18 6:41 PM	18018860	Lead	1	15	ppb
164-2237-A-001A Rm 5 Bubbler	08/10/18 8:56 AM	08/13/18 6:43 PM	18018863	Copper	< 0.1	1.3	ppm
164-2237-A-001A Rm 5 Bubbler	08/10/18 8:56 AM	08/13/18 6:43 PM	18018863	Lead	< 1	15	ppb

Analyzed by: Pixis Labs

*EPA action level for lead is 20 ppb and 1.3 for copper

Reviewed by: TRC Environmental Corporation

Portland Public Schools
Lead and Copper Water Sampling Results
A (Initial) and B (Follow-Up) Sample Data
Humboldt School

Sample Identification # and Location	Date/Time Collected	Date/Time Analyzed	Container ID	Analyte	Results	PPS Action Level*	Units
164-2237-A-001B Rm 5 Bubbler	08/10/18 8:56 AM	08/13/18 6:45 PM	18018854	Copper	< 0.1	1.3	ppm
164-2237-A-001B Rm 5 Bubbler	08/10/18 8:56 AM	08/13/18 6:45 PM	18018854	Lead	< 1	15	ppb
164-2246-A-001A Rm 4	08/10/18 9:01 AM	08/13/18 6:47 PM	18018859	Copper	< 0.1	1.3	ppm
164-2246-A-001A Rm 4	08/10/18 9:01 AM	08/13/18 6:47 PM	18018859	Lead	< 1	15	ppb
164-2246-A-001B Rm 4	08/10/18 9:01 AM	08/13/18 6:49 PM	18018864	Copper	< 0.1	1.3	ppm
164-2246-A-001B Rm 4	08/10/18 9:01 AM	08/13/18 6:49 PM	18018864	Lead	< 1	15	ppb
164-2248-A-001A Bottle Filler near Rm 12	08/10/18 9:17 AM	08/13/18 6:50 PM	18018871	Copper	< 0.1	1.3	ppm
164-2248-A-001A Bottle Filler near Rm 12	08/10/18 9:17 AM	08/13/18 6:50 PM	18018871	Lead	< 1	15	ppb
164-2248-A-001B Bottle Filler near Rm 12	08/10/18 9:17 AM	08/13/18 6:52 PM	18018855	Copper	< 0.1	1.3	ppm
164-2248-A-001B Bottle Filler near Rm 12	08/10/18 9:17 AM	08/13/18 6:52 PM	18018855	Lead	< 1	15	ppb
164-2248-B-001A Fountain near Rm 12	08/10/18 9:19 AM	08/13/18 6:54 PM	18018862	Copper	< 0.1	1.3	ppm
164-2248-B-001A Fountain near Rm 12	08/10/18 9:19 AM	08/13/18 6:54 PM	18018862	Lead	< 1	15	ppb
164-2248-B-001B Fountain near Rm 12	08/10/18 9:19 AM	08/13/18 6:56 PM	18018856	Copper	< 0.1	1.3	ppm
164-2248-B-001B Fountain near Rm 12	08/10/18 9:19 AM	08/13/18 6:56 PM	18018856	Lead	< 1	15	ppb
164-2245-A-001A Near Rm 3	08/10/18 9:24 AM	08/13/18 7:09 PM	18018865	Copper	< 0.1	1.3	ppm
164-2245-A-001A Near Rm 3	08/10/18 9:24 AM	08/13/18 7:09 PM	18018865	Lead	< 1	15	ppb
164-2245-A-001B Near Rm 3	08/10/18 9:24 AM	08/13/18 7:10 PM	18018852	Copper	< 0.1	1.3	ppm
164-2245-A-001B Near Rm 3	08/10/18 9:24 AM	08/13/18 7:10 PM	18018852	Lead	< 1	15	ppb
164-2244-A-001A Bottle Filler near 31-A	08/10/18 9:30 AM	08/13/18 7:12 PM	18018861	Copper	< 0.1	1.3	ppm
164-2244-A-001A Bottle Filler near 31-A	08/10/18 9:30 AM	08/13/18 7:12 PM	18018861	Lead	< 1	15	ppb
164-2244-A-001B Bottle Filler near 31-A	08/10/18 9:30 AM	08/13/18 7:14 PM	18018858	Copper	< 0.1	1.3	ppm
164-2244-A-001B Bottle Filler near 31-A	08/10/18 9:30 AM	08/13/18 7:14 PM	18018858	Lead	< 1	15	ppb
164-2244-B-001A Fountain near 31-A	08/10/18 9:33 AM	08/13/18 7:16 PM	18018879	Copper	< 0.1	1.3	ppm
164-2244-B-001A Fountain near 31-A	08/10/18 9:33 AM	08/13/18 7:16 PM	18018879	Lead	< 1	15	ppb
164-2244-B-001B Fountain near 31-A	08/10/18 9:33 AM	08/13/18 7:18 PM	18018880	Copper	< 0.1	1.3	ppm
164-2244-B-001B Fountain near 31-A	08/10/18 9:33 AM	08/13/18 7:18 PM	18018880	Lead	< 1	15	ppb
164-2240-A-001A Food Prep Faucet	08/10/18 9:38 AM	08/13/18 7:19 PM	18018881	Copper	< 0.1	1.3	ppm
164-2240-A-001A Food Prep Faucet	08/10/18 9:38 AM	08/13/18 7:19 PM	18018881	Lead	4	15	ppb
164-2240-A-001B Food Prep Faucet	08/10/18 9:38 AM	08/13/18 7:21 PM	18018882	Copper	< 0.1	1.3	ppm
164-2240-A-001B Food Prep Faucet	08/10/18 9:38 AM	08/13/18 7:21 PM	18018882	Lead	< 1	15	ppb
164-2240-B-001A Food Prep Sprayer	08/10/18 9:41 AM	08/13/18 7:23 PM	18018883	Copper	< 0.1	1.3	ppm
164-2240-B-001A Food Prep Sprayer	08/10/18 9:41 AM	08/13/18 7:23 PM	18018883	Lead	7	15	ppb
164-2240-B-001B Food Prep Sprayer	08/10/18 9:41 AM	08/13/18 7:25 PM	18018884	Copper	< 0.1	1.3	ppm
164-2240-B-001B Food Prep Sprayer	08/10/18 9:41 AM	08/13/18 7:25 PM	18018884	Lead	< 1	15	ppb
164-2241-A-001A Kitchen Prep Faucet	08/10/18 9:48 AM	08/13/18 7:36 PM	18018885	Copper	< 0.1	1.3	ppm
164-2241-A-001A Kitchen Prep Faucet	08/10/18 9:48 AM	08/13/18 7:36 PM	18018885	Lead	14	15	ppb
164-2241-A-001B Kitchen Prep Faucet	08/10/18 9:48 AM	08/13/18 7:37 PM	18018886	Copper	< 0.1	1.3	ppm
164-2241-A-001B Kitchen Prep Faucet	08/10/18 9:48 AM	08/13/18 7:37 PM	18018886	Lead	< 1	15	ppb
164-2238-A-001A Gym Bubbler	08/10/18 9:55 AM	08/13/18 8:37 PM	18018887	Copper	1.3	1.3	ppm
164-2238-A-001A Gym Bubbler	08/10/18 9:55 AM	08/13/18 8:37 PM	18018887	Lead	870	15	ppb
164-2238-A-001B Gym Bubbler	08/10/18 9:55 AM	08/13/18 8:39 PM	18018888	Copper	0.4	1.3	ppm
164-2238-A-001B Gym Bubbler	08/10/18 9:55 AM	08/13/18 8:39 PM	18018888	Lead	240	15	ppb

Results highlighted indicate a value at or above the PPS Action Level and that the fixture is under further review. During review, the highlighted fixture(s) will remain out of service.

Analyzed by: Pixis Labs

Reviewed by: TRC Environmental Corporation

*EPA action level for lead is 20 ppb and 1.3 for copper