

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

Sample Identification # and Location	Date/Time Collected	Date/Time Analyzed	Container ID	Analyte	Results	PPS Action Level*	Units
158-4405-A-002A Hallway (100)	10/03/18 6:46 AM	10/09/18 1:45 PM	18025246	Copper	1.2	1.3	ppm
158-4405-A-002A Hallway (100)	10/03/18 6:46 AM	10/08/18 5:53 PM	18025246	Lead	2	15	ppb
158-4405-A-002B Hallway (100)	10/03/18 6:46 AM	10/09/18 1:48 PM	18025222	Copper	1.4	1.3	ppm
158-4405-A-002B Hallway (100)	10/03/18 6:46 AM	10/08/18 5:57 PM	18025222	Lead	< 1	15	ppb
158-4417-A-002A Hallway (111)	10/03/18 7:26 AM	10/09/18 3:34 PM	18025219	Copper	4.7	1.3	ppm
158-4417-A-002A Hallway (111)	10/03/18 7:26 AM	10/08/18 7:36 PM	18025219	Lead	7	15	ppb
158-4417-A-002B Hallway (111)	10/03/18 7:26 AM	10/09/18 3:37 PM	18025241	Copper	3.5	1.3	ppm
158-4417-A-002B Hallway (111)	10/03/18 7:26 AM	10/08/18 7:39 PM	18025241	Lead	2	15	ppb
158-4415-A-002A Kitchen	10/03/18 6:37 AM	10/08/18 6:00 PM	18025231	Copper	< 0.1	1.3	ppm
158-4415-A-002A Kitchen	10/03/18 6:37 AM	10/08/18 6:00 PM	18025231	Lead	< 1	15	ppb
158-4415-A-002B Kitchen	10/03/18 6:37 AM	10/08/18 6:03 PM	18025244	Copper	< 0.1	1.3	ppm
158-4415-A-002B Kitchen	10/03/18 6:37 AM	10/08/18 6:03 PM	18025244	Lead	< 1	15	ppb
158-4404-A-002A Locker Room 129	10/03/18 7:22 AM	10/09/18 1:51 PM	18025235	Copper	1.9	1.3	ppm
158-4404-A-002A Locker Room 129	10/03/18 7:22 AM	10/08/18 6:06 PM	18025235	Lead	13	15	ppb
158-4404-A-002B Locker Room 129	10/03/18 7:22 AM	10/09/18 1:54 PM	18025224	Copper	1.7	1.3	ppm
158-4404-A-002B Locker Room 129	10/03/18 7:22 AM	10/08/18 6:28 PM	18025224	Lead	2	15	ppb
158-4406-A-002A Cafeteria	10/03/18 6:40 AM	10/08/18 6:31 PM	18025220	Copper	0.8	1.3	ppm
158-4406-A-002A Cafeteria	10/03/18 6:40 AM	10/08/18 6:31 PM	18025220	Lead	8	15	ppb
158-4406-A-002B Cafeteria	10/03/18 6:40 AM	10/08/18 6:34 PM	18025217	Copper	0.8	1.3	ppm
158-4406-A-002B Cafeteria	10/03/18 6:40 AM	10/08/18 6:34 PM	18025217	Lead	< 1	15	ppb
158-4407-A-002A Locker Room 128	10/03/18 7:18 AM	10/09/18 1:56 PM	18025242	Copper	2.0	1.3	ppm
158-4407-A-002A Locker Room 128	10/03/18 7:18 AM	10/09/18 2:30 PM	18025242	Lead	8	15	ppb
158-4407-A-002B Locker Room 128	10/03/18 7:18 AM	10/09/18 1:59 PM	18025237	Copper	1.5	1.3	ppm
158-4407-A-002B Locker Room 128	10/03/18 7:18 AM	10/08/18 6:40 PM	18025237	Lead	2	15	ppb
158-4411-A-002A Hallway (98)	10/03/18 6:43 AM	10/09/18 2:02 PM	18025234	Copper	2.5	1.3	ppm
158-4411-A-002A Hallway (98)	10/03/18 6:43 AM	10/08/18 6:43 PM	18025234	Lead	2	15	ppb
158-4411-A-002B Hallway (98)	10/03/18 6:43 AM	10/09/18 2:05 PM	18025232	Copper	2.0	1.3	ppm
158-4411-A-002B Hallway (98)	10/03/18 6:43 AM	10/08/18 6:46 PM	18025232	Lead	< 1	15	ppb
158-4424-A-002A Hallway (Boiler)	10/03/18 7:11 AM	10/09/18 2:08 PM	18025229	Copper	1.1	1.3	ppm
158-4424-A-002A Hallway (Boiler)	10/03/18 7:11 AM	10/08/18 6:50 PM	18025229	Lead	4	15	ppb
158-4424-A-002B Hallway (Boiler)	10/03/18 7:11 AM	10/09/18 2:10 PM	18025225	Copper	1.4	1.3	ppm
158-4424-A-002B Hallway (Boiler)	10/03/18 7:11 AM	10/08/18 6:53 PM	18025225	Lead	< 1	15	ppb
158-4443-A-002A Hallway (207)	10/03/18 8:42 AM	10/08/18 7:42 PM	18025226	Copper	0.6	1.3	ppm
158-4443-A-002A Hallway (207)	10/03/18 8:42 AM	10/08/18 7:42 PM	18025226	Lead	23	15	ppb
158-4443-A-002B Hallway (207)	10/3/18 8:43	10/08/18 6:56 PM	18025227	Copper	0.1	1.3	ppm
158-4443-A-002B Hallway (207)	10/3/18 8:43	10/08/18 6:56 PM	18025227	Lead	< 1	15	ppb
158-4408-B-002A Classroom 104	10/03/18 6:51 AM	10/08/18 8:51 PM	18025228	Copper	0.9	1.3	ppm
158-4408-B-002A Classroom 104	10/03/18 6:51 AM	10/08/18 8:51 PM	18025228	Lead	25	15	ppb
158-4408-B-002B Classroom 104	10/03/18 6:51 AM	10/09/18 2:33 PM	18025233	Copper	1.5	1.3	ppm
158-4408-B-002B Classroom 104	10/03/18 6:51 AM	10/08/18 9:07 PM	18025233	Lead	10	15	ppb
158-4416-B-002A Classroom 107	10/03/18 7:06 AM	10/09/18 2:35 PM	18025236	Copper	3.2	1.3	ppm
158-4416-B-002A Classroom 107	10/03/18 7:06 AM	10/08/18 9:10 PM	18025236	Lead	7	15	ppb
158-4416-B-002B Classroom 107	10/03/18 7:06 AM	10/09/18 3:39 PM	18025239	Copper	4.1	1.3	ppm
158-4416-B-002B Classroom 107	10/03/18 7:06 AM	10/08/18 7:46 PM	18025239	Lead	3	15	ppb
158-4419-B-002A Classroom 106	10/03/18 7:02 AM	10/09/18 2:38 PM	18025243	Copper	1.4	1.3	ppm
158-4419-B-002A Classroom 106	10/03/18 7:02 AM	10/08/18 9:13 PM	18025243	Lead	6	15	ppb
158-4419-B-002B Classroom 106	10/03/18 7:02 AM	10/09/18 2:41 PM	18025245	Copper	2.0	1.3	ppm
158-4419-B-002B Classroom 106	10/03/18 7:02 AM	10/08/18 9:16 PM	18025245	Lead	3	15	ppb
158-4423-A-002A Classroom 126	10/03/18 7:41 AM	10/09/18 2:44 PM	18025221	Copper	4.4	1.3	ppm
158-4423-A-002A Classroom 126	10/03/18 7:41 AM	10/08/18 9:20 PM	18025221	Lead	1	15	ppb
158-4423-A-002B Classroom 126	10/03/18 7:41 AM	10/09/18 2:47 PM	18025230	Copper	3.4	1.3	ppm
158-4423-A-002B Classroom 126	10/03/18 7:41 AM	10/08/18 9:23 PM	18025230	Lead	8	15	ppb
158-4425-B-002A Classroom 100	10/03/18 6:58 AM	10/09/18 2:49 PM	18025240	Copper	1.0	1.3	ppm

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
Robert Gray Middle School

Sample Identification # and Location	Date/Time Collected	Date/Time Analyzed	Container ID	Analyte	Results	PPS Action Level*	Units
158-4425-B-002A Classroom 100	10/03/18 6:58 AM	10/08/18 9:26 PM	18025240	Lead	14	15	ppb
158-4425-B-002B Classroom 100	10/03/18 6:58 AM	10/09/18 2:52 PM	18025223	Copper	1.4	1.3	ppm
158-4425-B-002B Classroom 100	10/03/18 6:58 AM	10/08/18 9:29 PM	18025223	Lead	7	15	ppb
158-4426-A-002A Classroom 112	10/03/18 7:34 AM	10/09/18 2:55 PM	18025238	Copper	1.3	1.3	ppm
158-4426-A-002A Classroom 112	10/03/18 7:34 AM	10/08/18 9:32 PM	18025238	Lead	5	15	ppb
158-4426-A-002B Classroom 112	10/03/18 7:34 AM	10/09/18 3:09 PM	18025218	Copper	1.5	1.3	ppm
158-4426-A-002B Classroom 112	10/03/18 7:34 AM	10/08/18 9:35 PM	18025218	Lead	< 1	15	ppb
158-4426-B-002A Classroom 112	10/03/18 7:35 AM	10/09/18 3:12 PM	18025251	Copper	1.5	1.3	ppm
158-4426-B-002A Classroom 112	10/03/18 7:35 AM	10/08/18 9:58 PM	18025251	Lead	24	15	ppb
158-4426-B-002B Classroom 112	10/03/18 7:35 AM	10/09/18 3:14 PM	18025252	Copper	1.3	1.3	ppm
158-4426-B-002B Classroom 112	10/03/18 7:35 AM	10/08/18 10:01 PM	18025252	Lead	3	15	ppb
158-4428-B-002A Classroom 105	10/03/18 6:55 AM	10/09/18 3:17 PM	18025253	Copper	1.6	1.3	ppm
158-4428-B-002A Classroom 105	10/03/18 6:55 AM	10/08/18 10:04 PM	18025253	Lead	3	15	ppb
158-4428-B-002B Classroom 105	10/03/18 6:55 AM	10/09/18 3:20 PM	18025254	Copper	1.9	1.3	ppm
158-4428-B-002B Classroom 105	10/03/18 6:55 AM	10/08/18 10:07 PM	18025254	Lead	< 1	15	ppb
158-4430-B-002A Classroom 114	10/03/18 7:38 AM	10/09/18 3:23 PM	18025255	Copper	2.8	1.3	ppm
158-4430-B-002A Classroom 114	10/03/18 7:38 AM	10/08/18 10:11 PM	18025255	Lead	31	15	ppb
158-4430-B-002B Classroom 114	10/03/18 7:38 AM	10/09/18 3:26 PM	18025256	Copper	3.1	1.3	ppm
158-4430-B-002B Classroom 114	10/03/18 7:38 AM	10/08/18 10:14 PM	18025256	Lead	9	15	ppb
158-4431-B-002A Classroom 121	10/03/18 8:00 AM	10/09/18 3:53 PM	18025257	Copper	3.5	1.3	ppm
158-4431-B-002A Classroom 121	10/03/18 8:00 AM	10/08/18 7:49 PM	18025257	Lead	19	15	ppb
158-4431-B-002B Classroom 121	10/03/18 8:00 AM	10/08/18 7:52 PM	18025258	Copper	3.3	1.3	ppm
158-4431-B-002B Classroom 121	10/03/18 8:00 AM	10/08/18 7:52 PM	18025258	Lead	4	15	ppb
158-4432-A-002A Classroom 222	10/03/18 8:15 AM	10/08/18 10:17 PM	18025259	Copper	0.3	1.3	ppm
158-4432-A-002A Classroom 222	10/03/18 8:15 AM	10/08/18 10:17 PM	18025259	Lead	14	15	ppb
158-4432-A-002B Classroom 222	10/03/18 8:16 AM	10/08/18 10:20 PM	18025260	Copper	< 0.1	1.3	ppm
158-4432-A-002B Classroom 222	10/03/18 8:16 AM	10/08/18 10:20 PM	18025260	Lead	3	15	ppb
158-4433-B-002A Classroom 113	10/03/18 7:45 AM	10/10/18 12:26 PM	18025261	Copper	1.4	1.3	ppm
158-4433-B-002A Classroom 113	10/03/18 7:45 AM	10/08/18 10:24 PM	18025261	Lead	30	15	ppb
158-4433-B-002B Classroom 113	10/03/18 7:45 AM	10/10/18 12:29 PM	18025262	Copper	1.4	1.3	ppm
158-4433-B-002B Classroom 113	10/03/18 7:45 AM	10/08/18 10:27 PM	18025262	Lead	5	15	ppb
158-4434-B-002A Classroom 122	10/03/18 7:37 AM	10/10/18 1:15 PM	18025263	Copper	6.7	1.3	ppm
158-4434-B-002A Classroom 122	10/03/18 7:37 AM	10/08/18 7:55 PM	18025263	Lead	17	15	ppb
158-4434-B-002B Classroom 122	10/03/18 7:37 AM	10/10/18 1:18 PM	18025264	Copper	6.5	1.3	ppm
158-4434-B-002B Classroom 122	10/03/18 7:37 AM	10/08/18 8:17 PM	18025264	Lead	6	15	ppb
158-4435-A-002A Classroom 222	10/03/18 8:15 AM	10/08/18 10:50 PM	18025265	Copper	< 0.1	1.3	ppm
158-4435-A-002A Classroom 222	10/03/18 8:15 AM	10/08/18 10:50 PM	18025265	Lead	13	15	ppb
158-4435-A-002B Classroom 222	10/03/18 8:15 AM	10/08/18 10:53 PM	18025266	Copper	< 0.1	1.3	ppm
158-4435-A-002B Classroom 222	10/03/18 8:15 AM	10/08/18 10:53 PM	18025266	Lead	< 1	15	ppb
158-4437-B-002A Classroom 124	10/03/18 8:02 AM	10/10/18 12:32 PM	18025267	Copper	2.1	1.3	ppm
158-4437-B-002A Classroom 124	10/03/18 8:02 AM	10/08/18 10:56 PM	18025267	Lead	17	15	ppb
158-4437-B-002B Classroom 124	10/03/18 8:02 AM	10/10/18 12:35 PM	18025268	Copper	2.1	1.3	ppm
158-4437-B-002B Classroom 124	10/03/18 8:02 AM	10/08/18 10:59 PM	18025268	Lead	4	15	ppb
158-4438-A-002A Classroom 222	10/03/18 8:17 AM	10/08/18 11:03 PM	18025269	Copper	0.2	1.3	ppm
158-4438-A-002A Classroom 222	10/03/18 8:17 AM	10/08/18 11:03 PM	18025269	Lead	15	15	ppb
158-4438-A-002B Classroom 222	10/03/18 8:17 AM	10/08/18 11:06 PM	18025270	Copper	< 0.1	1.3	ppm
158-4438-A-002B Classroom 222	10/03/18 8:17 AM	10/08/18 11:06 PM	18025270	Lead	2	15	ppb
158-4439-B-002A Classroom 115	10/03/18 7:48 AM	10/08/18 8:20 PM	18025271	Copper	2.5	1.3	ppm
158-4439-B-002A Classroom 115	10/03/18 7:48 AM	10/08/18 8:20 PM	18025271	Lead	8	15	ppb
158-4439-B-002B Classroom 115	10/03/18 7:48 AM	10/10/18 12:38 PM	18025272	Copper	2.1	1.3	ppm
158-4439-B-002B Classroom 115	10/03/18 7:48 AM	10/08/18 11:09 PM	18025272	Lead	1	15	ppb
158-4440-B-002A Classroom 123	10/03/18 7:58 AM	10/10/18 1:21 PM	18025273	Copper	4.1	1.3	ppm

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
Robert Gray Middle School

Sample Identification # and Location	Date/Time Collected	Date/Time Analyzed	Container ID	Analyte	Results	PPS Action Level*	Units
158-4440-B-002A Classroom 123	10/03/18 7:58 AM	10/08/18 8:23 PM	18025273	Lead	19	15	ppb
158-4440-B-002B Classroom 123	10/03/18 7:59 AM	10/10/18 12:41 PM	18025274	Copper	2.7	1.3	ppm
158-4440-B-002B Classroom 123	10/03/18 7:59 AM	10/08/18 11:12 PM	18025274	Lead	3	15	ppb
158-4441-A-002A Classroom 222	10/03/18 8:18 AM	10/08/18 11:16 PM	18025275	Copper	0.3	1.3	ppm
158-4441-A-002A Classroom 222	10/03/18 8:18 AM	10/08/18 11:16 PM	18025275	Lead	43	15	ppb
158-4441-A-002B Classroom 222	10/03/18 8:18 AM	10/08/18 11:19 PM	18025276	Copper	0.2	1.3	ppm
158-4441-A-002B Classroom 222	10/03/18 8:18 AM	10/08/18 11:19 PM	18025276	Lead	5	15	ppb
158-4442-B-002A Classroom 116	10/03/18 7:52 AM	10/08/18 8:26 PM	18025277	Copper	3.3	1.3	ppm
158-4442-B-002A Classroom 116	10/03/18 7:52 AM	10/08/18 8:26 PM	18025277	Lead	15	15	ppb
158-4442-B-002B Classroom 116	10/03/18 7:52 AM	10/10/18 12:44 PM	18025278	Copper	2.8	1.3	ppm
158-4442-B-002B Classroom 116	10/03/18 7:52 AM	10/08/18 11:42 PM	18025278	Lead	4	15	ppb
158-4444-B-002A Classroom G31/G24	10/03/18 8:26 AM	10/08/18 11:45 PM	18025279	Copper	0.3	1.3	ppm
158-4444-B-002A Classroom G31/G24	10/03/18 8:26 AM	10/08/18 11:45 PM	18025279	Lead	36	15	ppb
158-4444-B-002B Classroom G31/G24	10/03/18 8:27 AM	10/08/18 11:48 PM	18025280	Copper	0.2	1.3	ppm
158-4444-B-002B Classroom G31/G24	10/03/18 8:27 AM	10/08/18 11:48 PM	18025280	Lead	3	15	ppb
158-4445-B-002A Classroom 117	10/03/18 7:53 AM	10/10/18 12:47 PM	18025281	Copper	2.9	1.3	ppm
158-4445-B-002A Classroom 117	10/03/18 7:53 AM	10/08/18 11:52 PM	18025281	Lead	9	15	ppb
158-4445-B-002B Classroom 117	10/03/18 7:54 AM	10/10/18 12:50 PM	18025282	Copper	2.4	1.3	ppm
158-4445-B-002B Classroom 117	10/03/18 7:54 AM	10/08/18 11:55 PM	18025282	Lead	3	15	ppb
158-4446-B-002A Classroom 207	10/03/18 8:29 AM	10/08/18 11:58 PM	18025283	Copper	0.1	1.3	ppm
158-4446-B-002A Classroom 207	10/03/18 8:29 AM	10/08/18 11:58 PM	18025283	Lead	28	15	ppb
158-4446-B-002B Classroom 207	10/03/18 8:29 AM	10/09/18 12:01 AM	18025284	Copper	0.1	1.3	ppm
158-4446-B-002B Classroom 207	10/03/18 8:29 AM	10/09/18 12:01 AM	18025284	Lead	3	15	ppb
158-4448-B-002A Classroom 118	10/03/18 7:56 AM	10/10/18 1:24 PM	18025285	Copper	3.9	1.3	ppm
158-4448-B-002A Classroom 118	10/03/18 7:56 AM	10/08/18 8:29 PM	18025285	Lead	12	15	ppb
158-4448-B-002B Classroom 118	10/03/18 7:57 AM	10/10/18 12:53 PM	18025286	Copper	2.6	1.3	ppm
158-4448-B-002B Classroom 118	10/03/18 7:57 AM	10/09/18 12:05 AM	18025286	Lead	3	15	ppb
158-4450-B-002A Classroom 111	10/03/18 7:30 AM	10/10/18 1:27 PM	18025287	Copper	1.7	1.3	ppm
158-4450-B-002A Classroom 111	10/03/18 7:30 AM	10/09/18 12:08 AM	18025287	Lead	8	15	ppb
158-4450-B-002B Classroom 111	10/03/18 7:30 AM	10/10/18 1:30 PM	18025288	Copper	1.7	1.3	ppm
158-4450-B-002B Classroom 111	10/03/18 7:30 AM	10/09/18 12:11 AM	18025288	Lead	2	15	ppb
158-4451-B-002A Classroom 120	10/03/18 7:55 AM	10/10/18 1:33 PM	18025289	Copper	3.5	1.3	ppm
158-4451-B-002A Classroom 120	10/03/18 7:55 AM	10/09/18 12:33 AM	18025289	Lead	9	15	ppb
158-4451-B-002B Classroom 120	10/03/18 7:55 AM	10/10/18 1:36 PM	18025290	Copper	3.1	1.3	ppm
158-4451-B-002B Classroom 120	10/03/18 7:55 AM	10/09/18 12:37 AM	18025290	Lead	2	15	ppb
158-4452-B-002A Classroom 217	10/03/18 8:07 AM	10/09/18 12:40 AM	18025291	Copper	< 0.1	1.3	ppm
158-4452-B-002A Classroom 217	10/03/18 8:07 AM	10/09/18 12:40 AM	18025291	Lead	28	15	ppb
158-4452-B-002B Classroom 217	10/03/18 8:08 AM	10/09/18 12:43 AM	18025292	Copper	< 0.1	1.3	ppm
158-4452-B-002B Classroom 217	10/03/18 8:08 AM	10/09/18 12:43 AM	18025292	Lead	3	15	ppb
158-4455-A-002A Classroom 222	10/03/18 8:17 AM	10/09/18 12:46 AM	18025293	Copper	0.3	1.3	ppm
158-4455-A-002A Classroom 222	10/03/18 8:17 AM	10/09/18 12:46 AM	18025293	Lead	9	15	ppb
158-4455-A-002B Classroom 222	10/03/18 8:18 AM	10/09/18 12:49 AM	18025294	Copper	< 0.1	1.3	ppm
158-4455-A-002B Classroom 222	10/03/18 8:18 AM	10/09/18 12:49 AM	18025294	Lead	1	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.