



Dec. 14, 2016

Dear John Jay Middle School Parents and Staff,

As you know from my recent communication, in accordance with new guidance from New York State, the Katonah-Lewisboro School District has just conducted water quality testing in John Jay Middle School. The water was tested for traces of lead using a protocol set by state and federal regulatory agencies.

The protocol called for water samples to be drawn from all sinks and water fountains after the water had been standing in the pipes for at least eight hours, and again after running the water for 30 seconds. Lead found in tap water usually comes from the corrosion of older fixtures or from solder used to connect pipes. When water sits in fixtures for several hours, lead can leach into the water. Running water for 30 seconds to two minutes usually results in dramatically lower levels of lead. The NYS Department of Health has established a threshold of 0.015 parts per billion (ppb) as the level, which requires remediation or other action.

Water tests were conducted on 129 middle school fixtures identified by the Westchester County Department of Health. One of these locations is where the water first enters the building from the well. The water at this origination point tested at a level of less than 0.001 parts per billion (ppb). This is a level significantly below the Department of Health threshold and provides us with an indication that the water at the "source" is not a contributing factor to other test results.

We were pleased to learn that all of our drinking fountains and water bottle filling stations (which are also equipped with a water fountain and additional filters) all tested at a level below 0.015 ppb. We remind all students and staff to utilize these filling stations for their drinking water.

Of the 129 fixtures sampled, a total of 34 tested at a level which was greater than or equal to the NYS Department of Health threshold. Although this quantity of fixtures which tested above the threshold is high, the vast majority of these faucets are not ones from which we would expect students or staff to drink. A summary of these fixtures and our immediate remediation actions are shown below:

- 31 of the fixtures are various faucets located in science laboratories (the greatest concentration of fixtures), bathrooms, locker rooms, art rooms or other classrooms. In accordance with guidance from New York State, the district operations and maintenance staff will immediately shut down some of these fixtures. Many of these

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- faucets will remain in service since shutting them down could lead to other health issues (consider the importance of handwashing, for example, in a bathroom or science laboratory). The Center for Disease Control has determined that it is safe to shower or bathe in water that exceeds lead limits. Signs including pictures will be posted adjacent to these sinks which direct occupants not to drink the water.
- The other 3 faucets which tested above the NYS Department of Health “action level” are located in the cafeteria kitchen and/or the Home and Careers teaching kitchen. Faucets which are not utilized for food preparation will be posted, directing occupants not to drink the water. Faucets which are used for food preparation have been shut down and will be replaced and retested before they are used for food preparation again.

A complete listing of all of the fixtures tested is attached to this communication.

The health and welfare of our students and staff are of primary concern to the district. As we move to further address this issue, some fixtures will be temporarily out of service as they are replaced.

Sincerely,

Paul Christensen

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JOHN JAY MIDDLE SCHOOL
Lead in Drinking Water - Samples Taken October 29,2016
Results - December 13, 2016

<u>Location</u>	<u>Fixture #</u>	<u>Fixture Type</u>	<u>FD</u>	<u>Time</u>		<u>Results</u>	<u>Flush</u>	<u>Time</u>		
WTR TANK HALL	1	FOUNTAIN	FD	6:32AM		0.0103	FLUSH	8:14AM		0.0054
WMNS BATH	2	SINK	FD	6:34AM		0.0037	FLUSH	8:165AM	<	0.001
MENS BATH	3	SINK	FD	6:34AM		0.0036	FLUSH	8:17AM	<	0.001
OO1	4	SINK	FD	6:35AM		0.0009	FLUSH	8:18AM	<	0.001
OO1	5	SINK	FD	6:36AM		0.0014	FLUSH	8:18AM	<	0.001
OO1	6	SINK	FD	6:36AM		0.0013	FLUSH	8:19AM	<	0.001
OO1	7	SINK	FD	6:37AM		0.0016	FLUSH	8:19AM	<	0.001
OO1	8	SINK	FD	6:37AM		0.003	FLUSH	8:20AM		0.0017
OO3	9	SINK	FD	6:38AM		0.0197	FLUSH	8:21AM		0.0035
118	10	SINK	FD	6:40AM		0.0072	FLUSH	8:23AM	<	0.001
118	11	SINK	FD	6:40AM		0.0051	FLUSH	8:24AM		0.0014
118	12	SINK	FD	6:41AM		0.0032	FLUSH	8:25AM		0.0025
120	13	SINK	FD	6:42AM		0.0017	FLUSH	8:26AM		0.0022
120	14	SINK	FD	6:42AM		0.0013	FLUSH	8:27AM		0.0016
120	15	SINK	FD	6:42AM		0.0015	FLUSH	8:27AM	<	0.001
122	16	SINK	FD	6:43AM		0.0032	FLUSH	8:28AM		0.0023
122	17	SINK	FD	6:43AM		0.0049	FLUSH	8:29AM		0.0022
122	18	SINK	FD	6:44AM		0.0037	FLUSH	8:29AM		0.0024
MENS BATH	19	SINK	FD	6:45AM		0.0039	FLUSH	8:31AM		0.0013
WOMENS BATH	20	SINK	FD	6:45AM		0.0046	FLUSH	8:31AM		0.0019
123	21	SINK	FD	6:46AM		0.0287	FLUSH	8:32AM		0.005
123	22	SINK	FD	6:46AM		0.0246	FLUSH	8:33AM		0.0034
123	23	SINK	FD	6:46AM		0.0359	FLUSH	8:33AM		0.0017
HALLWAY	24	FOUNTAIN	FD	6:47AM	<	0.0005	FLUSH	8:34AM	<	0.001
115	25	SINK	FD	6:48AM		0.01	FLUSH	8:35AM		0.0019
218	26	SINK	FD	6:50AM		0.0295	FLUSH	8:38AM		0.0019
218	27	SINK	FD	6:51AM		0.019	FLUSH	8:38AM		0.0019
218	28	SINK	FD	6:51AM		0.0225	FLUSH	8:39AM		0.0019
218	29	SINK	FD	6:51AM		0.048	FLUSH	8:39AM		0.0035
220	30	SINK	FD	6:53AM		0.0357	FLUSH	8:41AM		0.0013
220	31	SINK	FD	6:53AM		0.0154	FLUSH	8:42AM		0.0021
220	32	SINK	FD	6:53AM		0.0292	FLUSH	8:42AM		0.0048
222	33	SINK	FD	6:57AM		0.0369	FLUSH	8:44AM		0.0011
222	34	SINK	FD	6:57AM		0.0207	FLUSH	8:44AM		0.0015
222	35	SINK	FD	6:58AM		0.0175	FLUSH	8:44AM		0.0014
222	36	SINK	FD	6:58AM		0.0235	FLUSH	8:45AM		0.0017
MENS BATH	37	SINK	FD	7:00AM		<u>0.0015</u>	FLUSH	8:46AM	<	0.001
WOMENS BATH	38	SINK	FD	7:00AM		0.0035	FLUSH	8:47AM	<	0.001
223	39	SINK	FD	7:01AM		0.0079	FLUSH	8:47AM	<	0.001
223	40	SINK	FD	7:01AM		0.017	FLUSH	8:48AM	<	0.001
223	41	SINK	FD	7:01AM		0.0232	FLUSH	8:49AM	<	0.001
HALLWAY	42	FOUNTAIN	FD	7:02AM		0.0075	FLUSH	8:50AM		0.0077

Location	Fixture #	Fixture Type	FD	Time		Results	Flush	Time		
WOMENS BATH	43	SINK	FD	7:05AM		0.0016	FLUSH	8:52AM	<	0.001
WOMENS BATH	44	SINK	FD	7:05AM		0.0016	FLUSH	8:53AM	<	0.001
WOMENS BATH	45	SINK	FD	7:07AM		0.0015	FLUSH	8:53AM	<	0.001
ENTRANCE	46	FOUNTAIN	FD	7:07AM		0.002	FLUSH	8:54AM		0.0031
MENS BATH	47	SINK	FD	7:07AM		0.0022	FLUSH	8:54AM	<	0.001
MENS BATH	48	SINK	FD	7:07AM		0.0025	FLUSH	8:55AM	<	0.001
MENS BATH	49	SINK	FD	7:08AM		0.0025	FLUSH	8:56AM	<	0.001
MAIN OFFICE	50	SINK	FD	7:10AM		0.0091	FLUSH	8:58AM		0.0024
NURSE	51	SINK	FD	7:11AM		0.0125	FLUSH	8:59AM		0.0013
NURSE	52	SINK	FD	7:12AM	<	0.0005	FLUSH	9:00AM	<	0.001
F.M BATH	53	SINK	FD	7:13AM		0.0008	FLUSH	9:01AM		0.0014
F.W BATH	54	SINK	FD	7:13AM		0.0026	FLUSH	9:02AM	<	0.001
KIT SINK	55	SINK	FD	7:14AM		0.0054	FLUSH	9:02AM	<	0.001
MAIN HALL	56	FOUNTAIN	FD	7:14AM		0.0007	FLUSH	9:03AM		0.0023
M HALL G BATH	57	SINK	FD	7:14AM		0.0072	FLUSH	9:04AM	<	0.001
M HALL G BATH	58	SINK	FD	7:14AM		0.0045	FLUSH	9:04AM	<	0.001
M HALL BY BATH	59	SINK	FD	7:15AM		0.0005	FLUSH	9:05AM	<	0.001
TECH MEN BATH	60	SINK	FD	7:18AM		0.0023	FLUSH	9:07AM	<	0.001
TECH WMN BATH	61	SINK	FD	7:18AM		0.0066	FLUSH	9:08AM	<	0.001
TECH KITCHEN	62	SINK	FD	7:19AM		0.0026	FLUSH	9:09AM	<	0.001
403 CUST OFFICE	63	SINK	FD	7:19AM		0.0056	FLUSH	9:10AM	<	0.001
DINING	64	FOUNTAIN	FD	7:21AM	<	0.0005	FLUSH	9:11AM		0.0012
KITCHEN	65	SINK	FD	7:21AM		0.0422	FLUSH	9:11AM		0.0023
KITCHEN	67	SINK	FD	7:21AM		0.0041	FLUSH	9:12AM	<	0.001
KITCHEN	68	SINK	FD	7:22AM		0.0242	FLUSH	9:12AM	<	0.001
KITCHEN BATH	69	SINK	FD	7:22AM		0.0069	FLUSH	9:13AM	<	0.001
407	70	SINK	FD	7:23AM		0.0044	FLUSH	9:14AM	<	0.001
408	71	SINK	FD	7:24AM		0.0096	FLUSH	9:14AM		0.0026
113	73	SINK	FD	7:27AM		0.167	FLUSH	9:18AM		0.0067
113	75	SINK	FD	7:27AM		0.0049	FLUSH	9:18AM	<	0.001
BOY BATH	76	SINK	FD	7:29AM		0.0078	FLUSH	9:19AM		0.0095
BOY BATH	77	SINK	FD	7:29AM		0.0047	FLUSH	9:20AM		0.0019
BOY BATH	78	SINK	FD	7:29AM		0.0241	FLUSH	9:20AM	<	0.001
BOY BATH	79	SINK	FD	7:29AM		0.0051	FLUSH	9:21AM		0.0011
BOY BATH	80	SINK	FD	7:29AM		0.0005	FLUSH	9:22AM	<	0.001
111	81	SINK	FD	7:30AM		0.0055	FLUSH	9:22AM	<	0.001
111	82	SINK	FD	7:31AM		0.013	FLUSH	9:23AM	<	0.001
111	83	SINK	FD	7:31AM		0.0033	FLUSH	9:23AM	<	0.001
1ST FLOOR HALL	84	FOUNTAIN	FD	7:32AM	<	0.0005	FLUSH	9:25AM	<	0.001
GIRL BATH	85	SINK	FD	7:32AM		0.0376	FLUSH	9:26AM		0.0022
GIRL BATH	86	SINK	FD	7:33AM		0.0067	FLUSH	9:26AM	<	0.001
GIRL BATH	87	SINK	FD	7:33AM		0.0066	FLUSH	9:27AM	<	0.001
GIRL BATH	88	SINK	FD	7:33AM		0.0046	FLUSH	9:27AM	<	0.001
GIRL BATH	89	SINK	FD	7:33AM		0.0079	FLUSH	9:28AM	<	0.001
109	90	SINK	FD	7:34AM		0.0155	FLUSH	9:29AM		0.002
109	91	SINK	FD	7:35AM		0.006	FLUSH	9:30AM	<	0.001
109	92	SINK	FD	7:35AM		0.0102	FLUSH	9:30AM	<	0.001

<u>Location</u>	<u>Fixture #</u>	<u>Fixture Type</u>	<u>FD</u>	<u>Time</u>		<u>Results</u>	<u>Flush</u>	<u>Time</u>		
GL O LKR RM	94	SINK	FD	7:36AM		0.0099	FLUSH	9:34AM		0.0024
GL O LKR RM	95	SINK	FD	7:36AM		0.0066	FLUSH	9:34AM		0.0024
GL O LKR RM CH	96	SINK	FD	7:37AM		0.0463	FLUSH	9:35AM		0.0027
BOY O LKR RM	97	SINK	FD	7:38AM		0.0075	FLUSH	9:37AM	<	0.001
160	99	SINK	FD	7:40AM		0.071	FLUSH	9:39AM		0.0063
160	100	SINK	FD	7:40AM		0.0057	FLUSH	9:39AM		0.0029
160	101	SINK	FD	7:40AM		0.007	FLUSH	9:40AM		0.003
160	102	SINK	FD	7:41AM		0.0064	FLUSH	9:41AM		0.002
2003 ADO	105	FOUNTAIN		7:42AM		0.0017	FLUSH	9:42AM	<	0.001
O/S O/GYM BLR	113	FOUNTAIN	FD	7:44AM		0.0012	FLUSH	9:44AM		0.0018
O/S O/GYM GLR	114	FOUNTAIN	FD	7:44AM	<	0.001	FLUSH	9:45AM		0.0023
213 PREP	118	SINK	FD	7:51AM		0.0485	FLUSH	9:49AM		0.0042
213	119	SINK	FD	7:51AM		0.0178	FLUSH	9:50AM		0.0022
213	120	SINK	FD	7:51AM		0.011	FLUSH	9:50AM		0.001
BOYS BATH	121	SINK	FD	7:52AM		0.0145	FLUSH	9:52AM		0.0028
BOYS BATH	122	SINK	FD	7:52AM		0.0047	FLUSH	9:52AM	<	0.001
BOYS BATH	123	SINK	FD	7:52AM		0.0058	FLUSH	9:53AM	<	0.001
BOYS BATH	124	SINK	FD	7:52AM		0.0035	FLUSH	9:53AM	<	0.001
HALLWAY	125	FOUNTAIN	FD	7:53AM		0.0034	FLUSH	9:55AM		0.0033
GIRL BATH	126	SINK	FD	7:54AM		0.0361	FLUSH	9:55AM		0.0031
GIRL BATH	127	SINK	FD	7:54AM		0.0119	FLUSH	9:56AM	<	0.001
GIRL BATH	128	SINK	FD	7:54AM		0.0075	FLUSH	9:57AM	<	0.001
GIRL BATH	129	SINK	FD	7:54AM		0.0134	FLUSH	9:57AM		0.002
GIRL BATH	130	SINK	FD	7:54AM		0.024	FLUSH	9:58AM		0.0106
211	131	SINK	FD	7:55AM		0.0467	FLUSH	9:59AM		0.0036
211	132	SINK	FD	7:55AM		0.0403	FLUSH	10:00AM		0.0026
209	133	SINK	FD	7:56AM		0.0349	FLUSH	10:00AM		0.0029
209	134	SINK	FD	7:56AM		0.0384	FLUSH	10:01AM		0.0022
209	135	SINK	FD	7:57AM		0.0084	FLUSH	10:02AM		0.0039
ACR	137	SINK	FD	7:58AM		0.0038	FLUSH	10:03AM	<	0.001
MAIN ENTERANCE	138	FOUNTAIN	FD	7:59AM		0.0041	FLUSH	10:05AM		0.0025
260	139	SINK	FD	8:00AM		0.015	FLUSH	10:06AM	<	0.001
260	140	SINK	FD	8:00AM		0.0068	FLUSH	10:07AM	<	0.001
260	141	SINK	FD	8:00AM		0.0082	FLUSH	10:07AM	<	0.001
260	142	SINK	FD	8:01AM		0.0027	FLUSH	10:08AM	<	0.001
HALLWAY	145	FOUNTAIN	FD	8:01AM		0.0022	FLUSH	10:09AM		0.0011
264	148	SINK	FD	8:02AM		0.0354	FLUSH	10:11AM	<	0.001
264	149	SINK	FD	8:03AM		0.0091	FLUSH	10:11AM		0.001
LIBRARY	59A	SINK	FD	7:16AM		0.0057	FLUSH	9:06AM	<	0.001
ENTRY POINT								10:13AM	<	0.001