



**Birmingham Public Schools  
Legionella Sampling Analysis  
Project Number: AE200893**

<b>Seaholm High School</b>										
<b>Date of Sampling: January 4, 2021 and January 5, 2021</b>										
<b>Sampler: Sabrina Fouche, Victoria Vo, Brendan Koziol, and Jackie Keeler</b>										
Sample #	Location	Time Collected	Bottle Type	Chlorine (ppm)	Temp °C	pH	Legionella Pneumophila Lab Result	Other Legionella Species <sup>3</sup> Lab Results	Total Legionella raw ct.	Total Legionella (cfu (colony forming units/ml))
Seaholm NP-38	Women's Bathroom, Across from Music Department Office, Left Bathroom Faucet	9:01 AM	Swab	N/A	N/A	N/A	ND	1.0	1.0	40.0
Seaholm NP-38	Women's Bathroom, Across from Music Department Office, Left Bathroom Faucet	8:56 AM	1 Liter	0.00	32.6	7.71	ND	11.0	11.0	1.1
Seaholm NP-39	Women's Bathroom, Across from Music Department Office, Right Bathroom Faucet	9:10 AM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm NP-39	Women's Bathroom, Across from Music Department Office, Right Bathroom Faucet	9:17 AM	1 Liter	0.00	41.1	7.53	ND	ND	ND	<0.1
Seaholm NP-04	Cafeteria, Women's Bathroom in Southeast Corner, Center Bathroom Faucet	11:56 AM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm NP-04	Cafeteria, Women's Bathroom in Southeast Corner, Center Bathroom Faucet	11:59 AM	1 Liter	0.00	43.3	7.39	ND	ND	ND	<0.1
Seaholm NP-27	Room G002, Northeast Corner, Left Art Room Sink, Faucet	9:35 AM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm NP-27	Room G002, Northeast Corner, Left Art Room Sink, Faucet	9:40 AM	1 Liter	0.00	39.8	7.53	ND	ND	ND	<0.1
Seaholm NP-28	Room G002, Northeast Corner, Second from Left Art Room Sink, Faucet	9:37 AM	Swab	N/A	N/A	N/A	ND	ND	ND	<20

- 1) <0.1 is the detection limit for Legionella in bulk water samples
- 2) <20 is the detection limit for Legionella in bioswab samples
- 3) See attached analytical results for full list of other Legionella species



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Seaholm NP-28	Room G002, Northeast Corner, Second from Left Art Room Sink, Faucet	9:37 AM	1 Liter	0.01	45.2	7.43	ND	167.0	167.0	17.0
Seaholm NP-29	Room G002, Northeast Corner, Second from Right Art Room Sink, Faucet	9:39 AM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm NP-29	Room G002, Northeast Corner, Second from Right Art Room Sink, Faucet	9:41 AM	1 Liter	0.00	43.9	7.46	ND	ND	ND	<0.1
Seaholm NP-30	Room G002, Northeast Corner, Right Art Room Sink, Faucet	9:38 AM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm NP-30	Room G002, Northeast Corner, Right Art Room Sink, Faucet	9:42 AM	1 Liter	0.01	45.2	7.44	ND	ND	ND	<0.1
Seaholm NP-22	Room G001, Paint Room, Art Room Sink, Faucet	10:15 AM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm NP-22	Room G001, Paint Room, Art Room Sink, Faucet	10:19 AM	1 Liter	0.01	43.6	7.46	ND	ND	ND	<0.1
Seaholm NP-21	Room G001, Northeast Corner, Island Counter, Art Room Sink, Faucet	10:17 AM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm NP-21	Room G001, Northeast Corner, Island Counter, Art Room Sink, Faucet	10:29 AM	1 Liter	0.02	46.2	7.43	ND	3.0	3.0	0.3

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Sample #	Location	Time Collected	Bottle Type	Chlorine (ppm)	Temp °C	pH	Legionella Pneumophila Lab Result	Other Legionella Species <sup>3</sup> Lab Results	Total Legionella raw ct.	Total Legionella (cfu (colony forming units/ml))
Seaholm NP-19	Room G001, Northeast Corner, North Wall, Left Art Room Sink, Faucet	10:16 AM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm NP-19	Room G001, Northeast Corner, North Wall, Left Art Room Sink, Faucet	10:23 AM	1 Liter	0.00	46.7	7.41	ND	ND	ND	<0.1
Seaholm NP-05	Cafeteria, Women's Bathroom in Southeast Corner, Right Bathroom Faucet	10:56 AM	1 Liter	0.00	34.1	7.62	ND	ND	ND	<0.1
Seaholm NP-46	Kitchen Serving Area, Southwest Corner, Hand Washing Sink, Faucet	11:32 AM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm NP-46	Kitchen Serving Area, Southwest Corner, Hand Washing Sink, Faucet	11:29 AM	1 Liter	0.00	46.2	7.42	ND	ND	ND	<0.1
Seaholm NP-47	Kitchen, East Wall, Hand Washing Sink, Eyewash, Faucet	11:30 AM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm NP-47	Kitchen, East Wall, Hand Washing Sink, Eyewash Faucet	11:27 AM	1 Liter	0.00	43.7	7.39	ND	ND	ND	<0.1
Seaholm NP-48	Kitchen, South Dishwashing Area, Kitchen Sprayer	11:36 AM	1 Liter	0.00	36.4	7.49	ND	43.0	43.0	4.3
Seaholm NP-49	Kitchen, South Dishwashing Area, Three Compartment Sink, Left Faucet	1:17 PM	Swab	N/A	N/A	N/A	ND	ND	ND	<20

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Sample #	Location	Time Collected	Bottle Type	Chlorine (ppm)	Temp °C	pH	Legionella Pneumophila Lab Result	Other Legionella Species <sup>3</sup> Lab Results	Total Legionella raw ct.	Total Legionella (cfu (colony forming units/ml))
Seaholm NP-49	Kitchen, South Dishwashing Area, Three Compartment Sink, Left Faucet	1:20 PM	1 Liter	0.00	38.2	7.38	ND	ND	ND	<0.1
Seaholm NP-50	Kitchen, South Dishwashing Area, Three Compartment Sink, Center Faucet	1:18 PM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm NP-50	Kitchen, South Dishwashing Area, Three Compartment Sink, Center Faucet	1:22 PM	1 Liter	0.00	43.4	7.37	ND	ND	ND	<0.1
Seaholm NP-51	Kitchen, South Dishwashing Area, Three Compartment Sink, Right Faucet	1:19 PM	Swab	N/A	N/A	N/A				
Seaholm NP-51	Kitchen, South Dishwashing Area, Three Compartment Sink, Right Faucet	1:24 PM	1 Liter	0.00	43.9	7.34	ND	ND	ND	<0.1
Seaholm NP-52	Women's Bathroom, Right of Room B001, South Wall, Left Bathroom Faucet	2:22 PM	1 Liter	0.00	22.7	7.56	ND	4.0	4.0	0.4
Seaholm NP-53	Women's Bathroom, Right of Room B001, South Wall, Second from Left Bathroom Faucet	2:15 PM	1 Liter	0.00	27.4	7.57	ND	ND	ND	<0.1
Seaholm NP-507	Kitchen, Grill Area Hand Washing Sink, Faucet	1:39 PM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm NP-507	Kitchen, Grill Area Hand Washing Sink, Faucet	1:43 PM	1 Liter	0.00	42.0	7.46	ND	ND	ND	<0.1

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Seaholm NP-508	Kitchen, North Dishwashing Area, Kitchen Sprayer	1:52 PM	1 Liter	0.00	41.4	7.55	ND	3.0	3.0	0.3
Seaholm NP-509	Kitchen, North Dishwashing Area, Two Compartment Sink, Faucet	8:54 AM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm NP-509	Kitchen, North Dishwashing Area, Two Compartment Sink, Faucet	8:59 AM	1 Liter	0.00	38.4	7.54	ND	ND	ND	<0.1
Seaholm NP-510	Kitchen, North Dishwashing Area, Hand Washing Sink in Northeast Corner, Faucet	8:56 AM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm NP-510	Kitchen, North Dishwashing Area, Hand Washing Sink in Northeast Corner, Faucet	9:01 AM	1 Liter	0.00	45.4	7.43	ND	ND	ND	<0.1
Seaholm NP-516	Kitchen, Men's Bathroom, Bathroom Faucet	9:12 AM	Swab	N/A	N/A	N/A	ND	21.0	21.0	840.0
Seaholm NP-516	Kitchen, Men's Bathroom, Bathroom Faucet	9:15 AM	1 Liter	0.00	42.9	7.47	ND	ND	ND	<0.1
Seaholm-14	Room A001, North Wall, West Counter, East Single Sink, Faucet	9:26 AM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm-14	Room A001, North Wall, West Counter, East Single Sink, Faucet	9:31 AM	1 Liter	0.00	27.6	7.52	ND	ND	ND	<0.1

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Seaholm-22	Room A001, Center of Room, North Side, West Two Compartment Sink, Left Faucet	9:42 AM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm-22	Room A001, Center of Room, North Side, West Two Compartment Sink, Left Faucet	9:46 AM	1 Liter	0.30	24.2	7.61	ND	17.0	17.0	1.7
Seaholm-39	Media Center Workroom, Single Sink, Faucet	11:19 AM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm-39	Media Center Workroom, Single Sink, Faucet	11:21 AM	1 Liter	0.03	28	7.62	ND	ND	ND	<0.1
Seaholm NP-151	Wrestling Locker Room, Bathroom, West Wall, Left Bathroom Faucet	11:56 AM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm NP-151	Wrestling Locker Room, Bathroom, West Wall, Left Bathroom Faucet	12:00 PM	1 Liter	0.02	32.9	7.67	ND	ND	ND	<0.1
Seaholm NP-152	Wrestling Locker Room, Bathroom, West Wall, Right Bathroom Faucet	11:57 AM	Swab	N/A	N/A	N/A	ND	4.0	4.0	80.0
Seaholm NP-152	Wrestling Locker Room, Bathroom, West Wall, Right Bathroom Faucet	12:03 PM	1 Liter	0.00	39.2	7.59	ND	ND	ND	<0.1
Seaholm NP-157	Wrestling Locker Room, Bathroom Adjacent to Shower, Bathroom Sink	11:59 AM	Swab	N/A	N/A	N/A	ND	ND	ND	<20

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Seaholm NP-157	Wrestling Locker Room, Bathroom Adjacent to Shower, Bathroom Sink	12:05 PM	1 Liter	0.30	24.2	7.61	ND	ND	ND	<0.1
Seaholm NP-577	Coach's Room, South of Pool, Men's Locker Room, Bathroom Faucet	11:42 AM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm NP-577	Coach's Room, South of Pool, Men's Locker Room, Bathroom Faucet	11:47 AM	1 Liter	0.00	23.9	7.62	ND	6.0	6.0	0.6
Seaholm NP-580	Coach's Room, South of Pool, Women's Locker Room, Bathroom Faucet	11:50 AM	Swab	N/A	N/A	N/A	ND	9.0	9.0	180.0
Seaholm NP-580	Coach's Room, South of Pool, Women's Locker Room, Bathroom Faucet	11:55 AM	1 Liter	0.00	23.1	7.62	ND	ND	ND	<0.1
Seaholm NP-556	Women's Locker Room, South of Pool, Left Bathroom Faucet	10:32 AM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm NP-556	Women's Locker Room, South of Pool, Left Bathroom Faucet	10:37 AM	1 Liter	0.01	24.6	7.51	ND	ND	ND	<0.1
Seaholm NP-54	Women's Bathroom, Right of Room B001, South Wall, Second from Right Bathroom Faucet	1:11 AM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm NP-54	Women's Bathroom, Right of Room B001, South Wall, Second from Right Bathroom Faucet	1:15 PM	1 Liter	0.00	24.1	7.67	ND	ND	ND	<0.1

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Seaholm NP-62	Men's Bathroom, Right of Room B001, North Wall, Left Bathroom Faucet	10:17 AM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm NP-62	Men's Bathroom, Right of Room B001, North Wall, Left Bathroom Faucet	10:23 AM	1 Liter	0.00	34.1	7.74	ND	ND	ND	<0.1
Seaholm NP-88	Men's Bathroom, Left of Room E100, Left Bathroom Faucet	10:39 AM	Swab	N/A	N/A	N/A	ND	1.0	1.0	20.0
Seaholm NP-88	Men's Bathroom, Left of Room E100, Left Bathroom Faucet	10:46 AM	1 Liter	0.00	31.7	7.56	ND	4.0	4.0	0.4
Seaholm NP-89	Men's Bathroom, Left of Room E100, Right Bathroom Faucet	10:40 AM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm NP-89	Men's Bathroom, Left of Room E100, Right Bathroom Faucet	10:49 AM	1 Liter	0.02	35.5	7.49	ND	41.0	41.0	4.1
Seaholm NP-101	Men's Bathroom, Across from Room G103, Second from Right Bathroom Faucet	1:42 AM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm NP-101	Men's Bathroom, Across from Room G103, Second from Right Bathroom Faucet	1:47 AM	1 Liter	0.01	38.4	7.56	ND	3.0	3.0	0.3
Seaholm NP-102	Men's Bathroom, Across from Room G103, Right Bathroom Faucet	1:52 AM	Swab	N/A	N/A	N/A	ND	13.0	13.0	520.0

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Seaholm NP-102	Men's Bathroom, Across from Room G103, Right Bathroom Faucet	1:57 AM	1 Liter	0.04	39.1	7.52	ND	ND	ND	<0.1
Seaholm NP-103	Women's Bathroom, Across from Room G103, Left Bathroom Faucet	10:55 AM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm NP-103	Women's Bathroom, Across from Room G103, Left Bathroom Faucet	11:00 AM	1 Liter	1.18	22.7	7.69	ND	ND	ND	<0.1
Seaholm NP-104	Women's Bathroom, Across from Room G103, Second from Left Bathroom Faucet	1:37 AM	Swab	N/A	N/A	N/A	ND	3.0	3.0	120.0
Seaholm NP-104	Women's Bathroom, Across from Room G103, Second from Left Bathroom Faucet	1:43 AM	1 Liter	0.00	36.7	7.48	ND	4.0	4.0	0.4
Seaholm NP-105	Women's Bathroom, Across from Room G103, Second from Right Bathroom Faucet	1:42 PM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm NP-105	Women's Bathroom, Across from Room G103, Second from Right Bathroom Faucet	1:45 PM	1 Liter	0.00	39.7	7.46	ND	3.0	3.0	0.3
Seaholm NP-116	Men's Bathroom, Southwest of Auditorium, Right Bathroom Faucet	11:20 AM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm NP-116	Men's Bathroom, Southwest of Auditorium, Right Bathroom Faucet	11:30 AM	1 Liter	0.00	19.2	8.08	ND	ND	ND	<0.1

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Seaholm NP-121	Women's Bathroom, Northwest of Auditorium, Left Bathroom Faucet	1:15 PM	Swab	N/A	N/A	N/A	ND	1.0	1.0	40.0
Seaholm NP-121	Women's Bathroom, Northwest of Auditorium, Left Bathroom Faucet	1:20 PM	1 Liter	0.00	35.5	7.63	ND	ND	ND	<0.1
Seaholm NP-122	Women's Bathroom, Northwest of Auditorium, Right Bathroom Faucet	11:35 AM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm NP-122	Women's Bathroom, Northwest of Auditorium, Right Bathroom Faucet	11:40 AM	1 Liter	0.00	29.8	7.48	ND	ND	ND	<0.1
Seaholm NP-128	Women's Dressing Room, Main Floor, Bathroom Faucet	2:11 PM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm NP-128	Women's Dressing Room, Main Floor, Bathroom Faucet	12:10 PM	1 Liter	0.00	24.9	7.65	ND	ND	ND	<0.1
Seaholm NP-130	Men's Dressing Room, Main Floor, Bathroom Faucet	2:13 PM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm NP-130	Men's Dressing Room, Main Floor, Bathroom Faucet	12:00 PM	1 Liter	0.00	20.3	7.70	ND	ND	ND	<0.1
Seaholm NP-558	Women's Locker Room, South of Pool, Second from Right Bathroom Faucet	10:03 AM	Swab	N/A	N/A	N/A	ND	ND	ND	<20

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Seaholm NP-558	Women's Locker Room, South of Pool, Second from Right Bathroom Faucet	10:08 AM	1 Liter	0.00	22.3	7.65	ND	ND	ND	<0.1
Seaholm NP-559	Women's Locker Room, South of Pool, Right Bathroom Faucet	10:12 AM	Swab	N/A	N/A	N/A	ND	5.0	5.0	200.0
Seaholm NP-559	Women's Locker Room, South of Pool, Right Bathroom Faucet	10:17 AM	1 Liter	0.00	22.4	7.56	ND	35.0	35.0	3.5
Seaholm NP-584	Men's Locker Room, South of Pool, Left Bathroom Faucet	9:21 AM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm NP-584	Men's Locker Room, South of Pool, Left Bathroom Faucet	9:26 AM	1 Liter	0.00	24.8	7.58	ND	ND	ND	<0.1
Seaholm NP-586	Men's Locker Room, South of Pool, Second from Right Bathroom Faucet	9:33 AM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm NP-586	Men's Locker Room, South of Pool, Second from Right Bathroom Faucet	9:38 AM	1 Liter	0.00	26.7	7.51	ND	5.0	5.0	0.5
Seaholm NP-587	Men's Locker Room, South of Pool, Right Bathroom Faucet	9:42 AM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm NP-587	Men's Locker Room, South of Pool, Right Bathroom Faucet	9:47 AM	1 Liter	0.00	26.2	7.52	ND	1.0	1.0	0.1

- 1) <0.1 is the detection limit for Legionella in bulk water samples
- 2) <20 is the detection limit for Legionella in bioswab samples
- 3) See attached analytical results for full list of other Legionella species



**Birmingham Public Schools  
Legionella Sampling Analysis  
Project Number: AE200893**

<b>Seaholm High School</b>										
<b>Date of Sampling: January 4, 2021 and January 5, 2021</b>										
<b>Sampler: Sabrina Fouche, Victoria Vo, Brendan Koziol, and Jackie Keeler</b>										
Sample #	Location	Time Collected	Bottle Type	Chlorine (ppm)	Temp °C	pH	Legionella Pneumophila Lab Result	Other Legionella Species <sup>3</sup> Lab Results	Total Legionella raw ct.	Total Legionella (cfu (colony forming units/ml))
Seaholm NP-564	Women's Locker Room, South of Pool, North Wall, Left Shower	10:57 AM	Swab	N/A	N/A	N/A	ND	1.0	1.0	40.0
Seaholm NP-564	Women's Locker Room, South of Pool, North Wall, Left Shower	11:03 AM	1 Liter	0.00	24.3	7.60	ND	3.0	3.0	0.3
Seaholm-HWH	Hot Water Heater in Southwest Corner of Boiler Room, South Storage Tank #1	12:20 PM	Swab	N/A	N/A	N/A	ND	ND	ND	<0.1
Seaholm NP-605	Visitor's Locker Room, South of Pool, Left Bathroom Faucet	8:57 AM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm NP-605	Visitor's Locker Room, South of Pool, Left Bathroom Faucet	9:01 AM	1 Liter	0.09	22.2	7.51	ND	ND	ND	<0.1
Seaholm NP-606	Visitor's Locker Room, South of Pool, Right Bathroom Faucet	8:58 AM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm NP-606	Visitor's Locker Room, South of Pool, Right Bathroom Faucet	9:02 AM	1 Liter	0.05	23.0	7.51	ND	ND	ND	<0.1
Seaholm-58	Hallway, Adjacent to Southeast Entrance to Gym, Hydration Station, Bottle Fill	10:03 AM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm-58	Hallway, Adjacent to Southeast Entrance to Gym, Hydration Station, Bottle Fill	10:04 AM	1 Liter	0.03	14.3	9.85	ND	13.0	13.0	1.3

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Legionella Sampling Analysis  
Project Number: AE200893**

<b>Seaholm High School</b>										
<b>Date of Sampling: January 4, 2021 and January 5, 2021</b>										
<b>Sampler: Sabrina Fouche, Victoria Vo, Brendan Koziol, and Jackie Keeler</b>										
Sample #	Location	Time Collected	Bottle Type	Chlorine (ppm)	Temp °C	pH	Legionella Pneumophila Lab Result	Other Legionella Species <sup>3</sup> Lab Results	Total Legionella raw ct.	Total Legionella (cfu (colony forming units/ml))
Seaholm NP-520	Official's Locker Room, Bathroom, Bathroom Faucet	11:20 AM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm NP-520	Official's Locker Room, Bathroom, Bathroom Faucet	2:18 PM	1 Liter	0.02	25.5	7.68	ND	ND	ND	<0.1
Seaholm NP-524	Men's Locker Room, South of Gym, Second from Left Bathroom Faucet	10:54 AM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm NP-524	Men's Locker Room, South of Gym, Second from Left Bathroom Faucet	8:00 AM	1 Liter	0.02	20.4	7.79	ND	1.0	1.0	0.1
Seaholm NP-525	Men's Locker Room, South of Gym, Second from Right Bathroom Faucet	10:55 AM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm NP-525	Men's Locker Room, South of Gym, Second from Right Bathroom Faucet	9:00 AM	1 Liter	0.02	23.6	7.79	ND	1.0	1.0	0.1
Seaholm NP-539	Women's Locker Room, South of Gym, Left Bathroom Faucet	2:15 PM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm NP-539	Women's Locker Room, South of Gym, Left Bathroom Faucet	9:30 AM	1 Liter	0.02	22.5	7.63	ND	ND	ND	<0.1
Seaholm NP-541	Women's Locker Room, South of Gym, Second from Right Bathroom Faucet	12:23 PM	Swab	N/A	N/A	N/A	ND	ND	ND	<20

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<b>Seaholm High School</b>										
<b>Date of Sampling: January 4, 2021 and January 5, 2021</b>										
<b>Sampler: Sabrina Fouche, Victoria Vo, Brendan Koziol, and Jackie Keeler</b>										
Sample #	Location	Time Collected	Bottle Type	Chlorine (ppm)	Temp °C	pH	Legionella Pneumophila Lab Result	Other Legionella Species <sup>3</sup> Lab Results	Total Legionella raw ct.	Total Legionella (cfu (colony forming units/ml))
Seaholm NP-541	Women's Locker Room, South of Gym, Second from Right Bathroom Faucet	9:40 AM	1 Liter	0.02	25.8	7.6	ND	ND	ND	<0.1
Seaholm NP-542	Women's Locker Room, South of Gym, Right Bathroom Faucet	2:18 PM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm NP-542	Women's Locker Room, South of Gym, Right Bathroom Faucet	9:45 AM	1 Liter	0.02	7.61	27.7	ND	ND	ND	<0.1
Seaholm NP-341	Men's Bathroom, Southeast of Gym, Second from Left Bathroom Faucet	9:29 AM	Swab	N/A	N/A	N/A	ND	5.0	5.0	100.0
Seaholm NP-341	Men's Bathroom, Southeast of Gym, Second from Left Bathroom Faucet	9:33 AM	1 Liter	0.02	26.0	7.47	ND	ND	ND	<0.1
Seaholm NP-342	Men's Bathroom, Southeast of Gym, Second from Right Bathroom Faucet	9:30 AM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm NP-342	Men's Bathroom, Southeast of Gym, Second from Right Bathroom Faucet	9:35 AM	1 Liter	0.04	27.1	7.47	ND	ND	ND	<0.1
Seaholm NP-312	Women's Bathroom, Northeast of Gym, Right Bathroom Faucet	10:05 AM	Swab	N/A	N/A	N/A	ND	1.0	1.0	20.0
Seaholm NP-312	Women's Bathroom, Northeast of Gym, Right Bathroom Faucet	10:10 AM	1 Liter	0.03	30.7	7.41	ND	ND	ND	<0.1

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Project Number: AE200893**

<b>Seaholm High School</b>										
<b>Date of Sampling: January 4, 2021 and January 5, 2021</b>										
<b>Sampler: Sabrina Fouche, Victoria Vo, Brendan Koziol, and Jackie Keeler</b>										
Sample #	Location	Time Collected	Bottle Type	Chlorine (ppm)	Temp °C	pH	Legionella Pneumophila Lab Result	Other Legionella Species <sup>3</sup> Lab Results	Total Legionella raw ct.	Total Legionella (cfu (colony forming units/ml))
Seaholm NP-313	Women's Bathroom, Northeast of Gym, Second from Right Bathroom Faucet	10:06 AM	Swab	N/A	N/A	N/A	ND	48.0	48.0	1900.0
Seaholm NP-313	Women's Bathroom, Northeast of Gym, Second from Right Bathroom Faucet	10:12 AM	1 Liter	0.01	29.1	7.46	ND	4.0	4.0	0.4
Seaholm NP-314	Women's Bathroom, Northeast of Gym, Center Bathroom Faucet	10:07 AM	Swab	N/A	N/A	N/A	ND	1.0	1.0	20.0
Seaholm NP-314	Women's Bathroom, Northeast of Gym, Center Bathroom Faucet	10:14 AM	1 Liter	0.02	28.5	7.51	ND	3.0	3.0	0.3
Seaholm NP-337	Concessions, East of Gym, Hand Washing Sink, Faucet	10:28 AM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm NP-337	Concessions, East of Gym, Hand Washing Sink, Faucet	10:30 AM	1 Liter	0.00	35.3	10.24	ND	ND	ND	<0.1
Seaholm NP-184	Men's Bathroom, Left of Room C104, Right Bathroom Faucet	1:16 PM	Swab	N/A	N/A	N/A	ND	22.0	22.0	880.0
Seaholm NP-184	Men's Bathroom, Left of Room C104, Right Bathroom Faucet	1:18 PM	1 Liter	0.00	38.0	7.43	ND	201.0	201.0	20.0
Seaholm NP-185	Men's Bathroom, Left of Room C104, Left Bathroom Faucet	1:20 PM	Swab	N/A	N/A	N/A	ND	8.0	8.0	320.0

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Legionella Sampling Analysis  
Project Number: AE200893**

<b>Seaholm High School</b>										
<b>Date of Sampling: January 4, 2021 and January 5, 2021</b>										
<b>Sampler: Sabrina Fouche, Victoria Vo, Brendan Koziol, and Jackie Keeler</b>										
Sample #	Location	Time Collected	Bottle Type	Chlorine (ppm)	Temp °C	pH	Legionella Pneumophila Lab Result	Other Legionella Species <sup>3</sup> Lab Results	Total Legionella raw ct.	Total Legionella (cfu (colony forming units/ml))
Seaholm NP-185	Men's Bathroom, Left of Room C104, Left Bathroom Faucet	1:22 PM	1 Liter	0.02	45.0	7.42	ND	221.0	221.0	22.0
Seaholm NP-181	Unisex Bathroom, Northwest of Media Center, Bathroom Faucet	1:39 PM	Swab	N/A	N/A	N/A	ND	1.0	1.0	40.0
Seaholm NP-181	Unisex Bathroom, Northwest of Media Center, Bathroom Faucet	1:41 PM	1 Liter	0.03	43.6	7.42	ND	ND	ND	<0.1
Seaholm NP-190	Women's Bathroom, Left of Room C104, Left Bathroom Faucet	11:40 AM	Swab	N/A	N/A	N/A	ND	4.0	4.0	160.0
Seaholm NP-190	Women's Bathroom, Left of Room C104, Left Bathroom Faucet	11:44 AM	1 Liter	0.06	41.9	7.44	ND	300.0	300.0	30.0
Seaholm NP-191	Women's Bathroom, Left of Room C104, Second from Left Bathroom Faucet	11:42 AM	Swab	N/A	N/A	N/A	ND	4.0	4.0	160.0
Seaholm NP-191	Women's Bathroom, Left of Room C104, Second from Left Bathroom Faucet	11:46 AM	1 Liter	0.05	45.7	7.43	ND	59.0	59.0	5.9
Seaholm NP-192	Women's Bathroom, Left of Room C104, Second from Right Bathroom Faucet	11:34 AM	Swab	N/A	N/A	N/A	ND	300.0	300.0	12000.0
Seaholm NP-192	Women's Bathroom, Left of Room C104, Second from Right Bathroom Faucet	11:36 AM	1 Liter	0.00	42.6	7.47	ND	115.0	115.0	12.0

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Sample #	Location	Time Collected	Bottle Type	Chlorine (ppm)	Temp °C	pH	Legionella Pneumophila Lab Result	Other Legionella Species <sup>3</sup> Lab Results	Total Legionella raw ct.	Total Legionella (cfu (colony forming units/ml))
Seaholm NP-193	Women's Bathroom, Left of Room C104, Right Bathroom Faucet	11:43 AM	Swab	N/A	N/A	N/A	ND	1.0	1.0	40.0
Seaholm NP-193	Women's Bathroom, Left of Room C104, Right Bathroom Faucet	11:47 AM	1 Liter	0.07	46.7	7.42	ND	87.0	87.0	8.7
Seaholm NP-233	Unisex Bathroom, Handicap Accessible, Right of Room C101, Bathroom Faucet	11:57 AM	Swab	N/A	N/A	N/A	ND	10.0	10.0	400.0
Seaholm NP-233	Unisex Bathroom, Handicap Accessible, Right of Room C101, Bathroom Faucet	11:58 AM	1 Liter	0.00	42.0	7.49	ND	ND	ND	<0.1
Seaholm NP-394	Room B103, Science Lab Sink, Faucet	9:30 AM	Swab	N/A	N/A	N/A	ND	2.0	2.0	80.0
Seaholm NP-394	Room B103, Science Lab Sink, Faucet	9:35 AM	1 Liter	0.00	28.1	7.57	ND	161.0	161.0	16.0
Seaholm NP-235	Unisex Bathroom, Right of Room C101 and Right of Handicap Accessible Bathroom, Bathroom Faucet	9:05 AM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm NP-235	Unisex Bathroom, Right of Room C101 and Right of Handicap Accessible Bathroom, Bathroom Faucet	9:05 AM	1 Liter	0.00	16.4	7.65	ND	ND	ND	<0.1
Seaholm NP-435	Room B107, Instructor's Sink, Science Lab Sink	9:10 AM	Swab	N/A	N/A	N/A	ND	ND	ND	<20

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Sampler: Sabrina Fouche, Victoria Vo, Brendan Koziol, and Jackie Keeler										
Sample #	Location	Time Collected	Bottle Type	Chlorine (ppm)	Temp °C	pH	Legionella Pneumophila Lab Result	Other Legionella Species <sup>3</sup> Lab Results	Total Legionella raw ct.	Total Legionella (cfu (colony forming units/ml))
Seaholm NP-435	Room B107, Instructor's Sink, Science Lab Sink	9:15 AM	1 Liter	0.00	34.3	7.50	ND	43.0	43.0	4.3
Seaholm NP-382	Men's Bathroom, Right of Room B101, Second from Left Bathroom Faucet	11:05 AM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm NP-382	Men's Bathroom, Right of Room B101, Second from Left Bathroom Faucet	2:06 PM	1 Liter	0.00	31.9	7.87	ND	ND	ND	<0.1
Seaholm NP-383	Men's Bathroom, Right of Room B101, Second from Right Bathroom Faucet	11:10 AM	Swab	N/A	N/A	N/A	ND	2.0	2.0	80.0
Seaholm NP-383	Men's Bathroom, Right of Room B101, Second from Right Bathroom Faucet	2:10 PM	1 Liter	0.00	33.3	7.70	ND	ND	ND	<0.1
Seaholm NP-384	Men's Bathroom, Right of Room B101, Right Bathroom Faucet	11:15 AM	Swab	N/A	N/A	N/A	ND	27.0	27.0	1100.00
Seaholm NP-384	Men's Bathroom, Right of Room B101, Right Bathroom Faucet	2:13 PM	1 Liter	0.00	33.2	7.67	ND	ND	ND	<0.1
Seaholm NP-369	Women's Bathroom, Right of Room B101, Right Bathroom Faucet	10:00 AM	Swab	N/A	N/A	N/A	ND	1.0	1.0	40.0
Seaholm NP-369	Women's Bathroom, Right of Room B101, Right Bathroom Faucet	10:10 AM	1 Liter	0.00	19.8	6.67	ND	2.0	2.0	0.2

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Seaholm High School										
Date of Sampling: January 4, 2021 and January 5, 2021										
Sampler: Sabrina Fouche, Victoria Vo, Brendan Koziol, and Jackie Keeler										
Sample #	Location	Time Collected	Bottle Type	Chlorine (ppm)	Temp °C	pH	Legionella Pneumophila Lab Result	Other Legionella Species <sup>3</sup> Lab Results	Total Legionella raw ct.	Total Legionella (cfu (colony forming units/ml))
Seaholm NP-370	Women's Bathroom, Right of Room B101, Second from Right Bathroom Faucet	12:17 PM	Swab	N/A	N/A	N/A	ND	2.0	2.0	80.0
Seaholm NP-370	Women's Bathroom, Right of Room B101, Second from Right Bathroom Faucet	1:15 PM	1 Liter	0.34	18.5	7.63	ND	ND	ND	<0.1
Seaholm NP-371	Women's Bathroom, Right of Room B101, Second from Left Bathroom Faucet	1:30 PM	1 Liter	0.00	22.50	7.56	ND	ND	ND	<0.1
Seaholm NP-372	Women's Bathroom, Right of Room B101, Left Bathroom Faucet	12:20 PM	Swab	N/A	N/A	N/A	ND	39.0	39.0	1600.0
Seaholm NP-372	Women's Bathroom, Right of Room B101, Left Bathroom Faucet	1:40 AM	1 Liter	0.00	25.2	7.61	ND	ND	ND	<0.1
Seaholm NP-361	East Unisex Bathroom, Right of Room A101, Bathroom Faucet	1:00 AM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm NP-361	East Unisex Bathroom, Right of Room A101, Bathroom Faucet	2:05 AM	1 Liter	0.00	29.9	7.61	ND	ND	ND	<0.2
Seaholm NP-359	Main Office, Women's Bathroom, Bathroom Faucet	2:20 AM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm NP-359	Main Office, Women's Bathroom, Bathroom Faucet	2:25 AM	1 Liter	0.01	32.4	7.45	ND	13.0	13.0	1.3

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<b>Seaholm High School</b>										
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<b>Sampler: Sabrina Fouche, Victoria Vo, Brendan Koziol, and Jackie Keeler</b>										
Sample #	Location	Time Collected	Bottle Type	Chlorine (ppm)	Temp °C	pH	Legionella Pneumophila Lab Result	Other Legionella Species <sup>3</sup> Lab Results	Total Legionella raw ct.	Total Legionella (cfu (colony forming units/ml))
Seaholm NP-357	Main Office, Men's Bathroom, Bathroom Faucet	12:20 PM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm NP-357	Main Office, Men's Bathroom, Bathroom Faucet	1:40 AM	1 Liter	0.01	32.0	7.57	ND	2.0	2.0	0.2
Seaholm NP-179	Career Counseling, Break Area, Bathroom, Bathroom Faucet	1:00 AM	Swab	N/A	N/A	N/A				
Seaholm NP-179	Career Counseling, Break Area, Bathroom, Bathroom Faucet	2:05 AM	1 Liter	0.00	35.8	7.58	ND	ND	ND	<0.1
Seaholm NP-481	Unisex Bathroom, Right of Room B202, Bathroom Faucet	2:20 AM	Swab	N/A	N/A	N/A				
Seaholm NP-481	Unisex Bathroom, Right of Room B202, Bathroom Faucet	2:25 AM	1 Liter	0.02	33.1	7.69	ND	ND	ND	<0.1
Seaholm NP-484	Men's Bathroom, Right of Room B202, Left Bathroom Faucet	12:40 PM	Swab	N/A	N/A	N/A	ND	19.0	19.0	760.0
Seaholm NP-484	Men's Bathroom, Right of Room B202, Left Bathroom Faucet	10:05 AM	1 Liter	0.00	24.9	7.71	ND	ND	ND	<0.1
Seaholm NP-485	Men's Bathroom, Right of Room B202, Second from Left Bathroom Faucet	1:07 AM	Swab	N/A	N/A	N/A	ND	ND	ND	<20

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Sampler: Sabrina Fouche, Victoria Vo, Brendan Koziol, and Jackie Keeler										
Sample #	Location	Time Collected	Bottle Type	Chlorine (ppm)	Temp °C	pH	Legionella Pneumophila Lab Result	Other Legionella Species <sup>3</sup> Lab Results	Total Legionella raw ct.	Total Legionella (cfu (colony forming units/ml))
Seaholm NP-485	Men's Bathroom, Right of Room B202, Second from Left Bathroom Faucet	10:10 AM	1 Liter	0.00	25.8	7.51	ND	ND	ND	<0.1
Seaholm NP-486	Men's Bathroom, Right of Room B202, Second from Right Bathroom Faucet	1:10 AM	Swab	N/A	N/A	N/A	ND	10.0	10.0	400.0
Seaholm NP-486	Men's Bathroom, Right of Room B202, Second from Right Bathroom Faucet	10:13 AM	1 Liter	0.00	28.5	7.55	ND	1.0	1.0	0.1
Seaholm NP-487	Men's Bathroom, Right of Room B202, Right Bathroom Faucet	1:05 AM	Swab	N/A	N/A	N/A	ND	ND	ND	<20
Seaholm NP-487	Men's Bathroom, Right of Room B202, Right Bathroom Faucet	10:20 AM	1 Liter	0.00	21.6	7.75	ND	ND	ND	<0.1
Seaholm NP-495	Women's Bathroom, Right of Room B202, Right Bathroom Faucet	11:30 AM	Swab	N/A	N/A	N/A	ND	1.0	1.0	40.0
Seaholm NP-495	Women's Bathroom, Right of Room B202, Right Bathroom Faucet	9:25 AM	1 Liter	0.01	28.1	7.59	ND	4.0	4.0	0.4
Seaholm NP-496	Women's Bathroom, Right of Room B202, Second from Right Bathroom Faucet	11:35 AM	Swab	N/A	N/A	N/A	ND	1.0	1.0	40.0
Seaholm NP-496	Women's Bathroom, Right of Room B202, Second from Right Bathroom Faucet	9:15 AM	1 Liter	0.00	27.2	7.53	ND	1.0	1.0	0.1

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Seaholm High School										
Date of Sampling: January 4, 2021 and January 5, 2021										
Sampler: Sabrina Fouche, Victoria Vo, Brendan Koziol, and Jackie Keeler										
Sample #	Location	Time Collected	Bottle Type	Chlorine (ppm)	Temp °C	pH	Legionella Pneumophila Lab Result	Other Legionella Species <sup>3</sup> Lab Results	Total Legionella raw ct.	Total Legionella (cfu (colony forming units/ml))
Seaholm NP-497	Women's Bathroom, Right of Room B202, Second from Left Bathroom Faucet	11:37 AM	Swab	N/A	N/A	N/A	ND	16.0	16.0	640.0
Seaholm NP-497	Women's Bathroom, Right of Room B202, Second from Left Bathroom Faucet	9:10 AM	1 Liter	0.00	24.3	7.61	ND	ND	ND	<0.1
Seaholm NP-498	Women's Bathroom, Right of Room B202, Left Bathroom Faucet	8:55 AM	Swab	N/A	N/A	N/A	ND	1.0	1.0	40.0
Seaholm NP-498	Women's Bathroom, Right of Room B202, Left Bathroom Faucet	9:00 AM	1 Liter	0.00	22.4	7.55	ND	105.0	11.0	11.0

1) <0.1 is the detection limit for Legionella in bulk water samples  
 2) <20 is the detection limit for Legionella in bioswab samples  
 3) See attached analytical results for full list of other Legionella species