

**City of Salem Unregulated Contaminant Monitoring Rule
(UCMR4) Data**

7/10/2018 10/2/2018 1/7/2019 4/11/2019

Aldersgate Sample Site

Germanium	ND	ND	ND	ND
Manganese	ND	ND	ND	ND
alpha-HCH	ND	ND	ND ²	ND
Chlorpyrifos	ND	ND	ND ²	ND
Dimethipin	ND	ND	ND ²	ND
Ethoprop	ND	ND	ND ²	ND
Oxyfluorfen	ND	ND	ND ²	ND
Profenofos	ND	ND	ND ²	ND
Tebuconazole	ND	ND	ND ²	ND
Total Permethrin	ND	ND	ND ²	ND
Tribufos	ND	ND	ND ²	ND
1-Butanol	ND	ND	ND	ND
2-Methoxyethanol	ND	ND	ND	ND
2-Propen-1-ol	ND	ND	ND	ND
Butylated hydroxyanisole	ND	ND	ND	ND
O-Toluidine	ND	ND	ND	ND
Quinoline	ND	ND	ND	ND

Middle Intake Sample Site

Total Organic Carbon	1.1	0.89	1.2	1.4
Bromide	ND ¹	ND	ND	ND

Distribution System Sample Site (DBP-03)

Bromochloroacetic acid	0.49	0.52	0.68	0.58
Bromodichloroacetic acid	0.78	0.96	1.1	1.1
Chlorodibromoacetic acid	ND	ND	ND	ND
Dibromoacetic acid	ND	ND	ND	ND
Dichloroacetic acid	7.8	7.5	13	13
Monobromoacetic acid	ND	ND	ND	ND
Monochloroacetic acid	ND	ND	ND	ND
Total HAA5	21	20	37	37
Total HAA6Br	1.3	1.5	1.8	1.7
Total HAA9	22	22	39	39
Tribromoacetic acid	ND	ND	ND	ND
Trichloroacetic acid	13	13	24	24

Distribution System Sample Site (DBP-08)

Bromochloroacetic acid	0.37	0.69	0.74	0.72
Bromodichloroacetic acid	0.7	1	1.2	1.2
Chlorodibromoacetic acid	ND	ND	ND	ND
Dibromoacetic acid	ND	ND	ND	ND
Dichloroacetic acid	5.2	4.5	14	15
Monobromoacetic acid	ND	ND	ND	ND
Monochloroacetic acid	ND	ND	ND	ND
Total HAA5	13	11	38	43
Total HAA6Br	1.1	1.7	1.9	1.9
Total HAA9	14	13	40	45
Tribromoacetic acid	ND	ND	ND	ND
Trichloroacetic acid	8.1	6.8	24	28

Distribution System Sample Site (DBP-07)

Bromochloroacetic acid	ND	0.54	0.68	0.59
Bromodichloroacetic acid	ND	0.84	1.1	1
Chlorodibromoacetic acid	ND	ND	ND	ND
Dibromoacetic acid	ND	ND	ND	ND
Dichloroacetic acid	0.71	2.3	13	13
Monobromoacetic acid	ND	ND	ND	ND
Monochloroacetic acid	ND	ND	ND	ND
Total HAA5	1.3	5.8	37	36
Total HAA6Br	ND	3.5	1.8	1.6
Total HAA9	1.3	9.3	39	38
Tribromoacetic acid	ND	2.1	ND	ND
Trichloroacetic acid	0.61	3.5	24	23

Distribution System Sample Site (DBP-02)

Bromochloroacetic acid	0.45	0.51	0.76	0.84
Bromodichloroacetic acid	0.78	0.95	1.1	1.3
Chlorodibromoacetic acid	ND	ND	ND	ND
Dibromoacetic acid	ND	ND	ND	ND
Dichloroacetic acid	7.1	7.4	14	18
Monobromoacetic acid	ND	ND	ND	ND
Monochloroacetic acid	ND	ND	ND	ND
Total HAA5	19	20	37	51
Total HAA6Br	1.2	1.5	1.9	2.1
Total HAA9	20	22	39	53
Tribromoacetic acid	ND	ND	ND	ND
Trichloroacetic acid	12	13	23	33

Distribution System Sample Site (DBP-04)

Bromochloroacetic acid	0.53	0.56	0.68	0.6
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Bromodichloroacetic acid	0.87	0.95	1.1	1.1
Chlorodibromoacetic acid	ND	ND	ND	ND
Dibromoacetic acid	ND	ND	ND	ND
Dichloroacetic acid	11	9.3	13	13
Monobromoacetic acid	ND	ND	ND	ND
Monochloroacetic acid	ND	ND	ND	ND
Total HAA5	26	23	38	38
Total HAA6Br	1.4	1.5	1.8	1.7
Total HAA9	27	25	40	40
Tribromoacetic acid	ND	ND	ND	ND
Trichloroacetic acid	15	14	25	25
Distribution System Sample Site (DBP-05)				
Bromochloroacetic acid	0.61	0.67	0.71	0.75
Bromodichloroacetic acid	1	1.1	1.1	1.4
Chlorodibromoacetic acid	ND	ND	ND	ND
Dibromoacetic acid	ND	ND	ND	ND
Dichloroacetic acid	12	11	13	16
Monobromoacetic acid	ND	ND	ND	ND
Monochloroacetic acid	ND	ND	ND	ND
Total HAA5	32	28	36	47
Total HAA6Br	1.6	1.8	1.8	2.2
Total HAA9	34	30	38	49
Tribromoacetic acid	ND	ND	ND	ND
Trichloroacetic acid	20	17	23	31
Distribution System Sample Site (DBP-06)				
Bromochloroacetic acid	0.58	0.66	0.66	0.78
Bromodichloroacetic acid	0.98	1.1	1.1	1.4
Chlorodibromoacetic acid	ND	ND	ND	ND
Dibromoacetic acid	ND	ND	ND	ND
Dichloroacetic acid	11	11	13	16
Monobromoacetic acid	ND	ND	ND	ND
Monochloroacetic acid	ND	ND	ND	ND
Total HAA5	30	28	37	48
Total HAA6Br	1.6	1.8	1.8	2.2
Total HAA9	32	30	39	50
Tribromoacetic acid	ND	ND	ND	ND
Trichloroacetic acid	19	17	24	32
Distribution System Sample Site (DBP-01)				
Bromochloroacetic acid	0.67	0.72	0.71	0.81
Bromodichloroacetic acid	1.1	1.1	1.2	1.5
Chlorodibromoacetic acid	ND	ND	ND	ND
Dibromoacetic acid	ND	ND	ND	ND
Dichloroacetic acid	14	12	13	16
Monobromoacetic acid	ND	ND	ND	ND
Monochloroacetic acid	ND	ND	ND	ND
Total HAA5	37	30	36	50
Total HAA6Br	1.8	1.8	1.9	2.3
Total HAA9	39	32	38	52
Tribromoacetic acid	ND	ND	ND	ND
Trichloroacetic acid	23	18	23	34

ND - Not detected

¹ Sample had to be recollected on 7/23/2018

² Sample had to be recollected on 2/19/2019

Cyanotoxin	7/2/2018	7/16/2018	8/6/2018	8/20/2018	9/5/2018	9/17/2018	10/1/2018	10/15/2018
Aldersgate Sample Site								
Cylindrospermopsin	ND	ND	ND	ND	ND	ND	ND	ND
Anatoxin-a	ND	ND	ND	ND	ND	ND	ND	ND
Total Microcystin	ND	ND	ND	ND	ND	NR	ND	ND

NR - Not Reported due to laboratory error