| | city of balein of meg | | ntaminant | ivionitorin | g Kule |
|---|--|-----------|-----------|-----------------|-----------|
| Aldersgate Sample Site | | • | | 1/7/2010 | 4/11/2010 |
| Monganese | Aldersgate Sample Site | 7/10/2018 | 10/2/2018 | 1///2019 | 4/11/2019 |
| Application | · · | ND | ND | ND | ND |
| Chlorpyrifos ND ND ND² ND Dimethipin ND ND ND² ND Ethoprop ND ND ND² ND Doxfluorfen ND ND ND² ND Profenofos ND ND ND² ND Tebucanazole ND ND ND² ND Total Permethrin ND ND ND² ND Totula ND ND ND ND² ND Lebutanol ND ND ND ND ND ND Lebutanol ND | Manganese | ND | ND | ND | ND |
| Dimethipin ND | alpha-HCH | ND | ND | ND^2 | ND |
| Ethoprop ND ND ND² ND Oxyfluorfen ND ND ND² ND Preforenofos ND ND ND² ND Tebuconazole ND ND ND² ND Total Permethrin ND ND ND ND² ND 1-Butanol ND ND ND ND ND ND 2-Propen-1-ol ND < | Chlorpyrifos | ND | ND | ND^2 | ND |
| Oxyfluorfen ND ND ND² ND Profenofos ND ND ND² ND Profenofos ND ND ND² ND Total Permethrin ND ND ND² ND Tribufos ND ND ND ND² ND 2-Methoxyethanol ND ND </td <td>Dimethipin</td> <td>ND</td> <td>ND</td> <td>ND^2</td> <td>ND</td> | Dimethipin | ND | ND | ND^2 | ND |
| Proteonorace Proteonorace Proteonorace Proteonorace ND | Ethoprop | ND | ND | ND ² | ND |
| Tebuconazole | Oxyfluorfen | ND | ND | ND^2 | ND |
| Total Permethrin | Profenofos | ND | ND | ND ² | ND |
| Tribufos | Tebuconazole | ND | ND | ND^2 | ND |
| 1-Butanol | Total Permethrin | ND | ND | ND ² | ND |
| 2-Methoxyethanol | Tribufos | ND | ND | ND ² | ND |
| 2-Propen-1-ol ND | 1-Butanol | ND | ND | ND | ND |
| Butylated hydoxyanisole | 2-Methoxyethanol | ND | ND | ND | ND |
| O-Toluidine | • | ND | ND | ND | |
| ND | · · · · | | | | |
| Middle Intake Sample Site Total Organic Carbon 1.1 0.89 1.2 1.4 Bromide ND³ 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 1.1 Chlorodibromacetic acid ND ND ND ND ND Dibromoacetic acid ND ND ND ND ND Monorbromacetic acid ND ND ND ND ND ND Monorbromacetic acid ND | | | | | |
| Total Organic Carbon 1.1 0.89 1.2 1.4 | | ND | ND | ND | ND |
| Bromide | · | 1 1 | 0.00 | 1.2 | 1.4 |
| Bromochloroacetic acid 0.49 0.52 0.68 0.58 | - | | | | |
| Bromochloroacetic acid 0.49 0.52 0.68 0.58 | | | טאו | טאו | טויו |
| Bromodichloroacetic acid ND | · · · · · · · · · · · · · · · · · · · | | 0.52 | 0.68 | 0.58 |
| Chlorodibromoacetic acid ND ND ND ND ND ND ND N | | | | | |
| Dibromoacetic acid ND | | | | | |
| Monobromoacetic acid ND ND ND ND ND ND ND N | Dibromoacetic acid | ND | ND | ND | ND |
| Monochloroacetic acid | Dichloroacetic acid | 7.8 | 7.5 | 13 | 13 |
| Total HAA6Br | Monobromoacetic acid | ND | ND | ND | ND |
| Total HAA6Br | Monochloroacetic acid | ND | ND | ND | |
| Total HAA9 | | | | | |
| Tribromoacetic acid ND ND ND ND | | | | | |
| Trichloroacetic acid 13 13 24 24 24 24 24 24 25 25 | | | | | |
| Bromochloroacetic acid 0.37 0.69 0.74 0.72 | | | | | |
| Bromochloroacetic acid 0.37 0.69 0.74 0.72 | | | 13 | 24 | 24 |
| Bromodichloroacetic acid | | | 0.69 | 0.74 | 0.72 |
| 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 Monochloroacetic acid ND ND ND ND Monochloroacetic acid ND ND ND ND Total HAA6Br 1.1 1.7 1.9 1.9 Total HAA6Br 1.1 1.7 1.9 1.9 Total HAA9 14 13 40 45 Tribromoacetic acid ND ND ND ND Bromochloroacetic acid ND ND ND ND Bromochloroacetic acid ND ND ND ND Bromochloroacetic acid ND ND ND ND Dibromoacetic acid ND ND ND ND <td></td> <td></td> <td></td> <td></td> <td></td> | | | | | |
| 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 Distribution System Sample Site (DBP-07) Bromochloroacetic acid ND 0.54 0.68 0.59 Bromodichloroacetic acid ND ND ND ND ND Bromodichloroacetic acid ND ND ND ND ND Dibromoacetic acid ND ND ND ND ND Monobromoacetic acid ND ND ND ND ND Monochloroacetic acid ND ND ND ND ND Monochloroacetic acid ND ND ND | | | | | |
| 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 Distribution System Sample Site (DBP-07) ND ND ND ND Bromochloroacetic acid ND 0.54 0.68 0.59 Bromochloroacetic acid ND ND ND ND Bromochloroacetic acid ND ND ND ND Dibromoacetic acid ND ND ND ND Monobromoacetic acid ND ND ND ND Monochloroacetic acid ND ND ND ND Monochloroacetic acid ND ND ND ND Total HAA5 1.3 5.8 37 36 | Dibromoacetic acid | ND | ND | ND | ND |
| Monochloroacetic acid | Dichloroacetic acid | 5.2 | 4.5 | 14 | 15 |
| Total HAA5 | | ND | ND | ND | ND |
| Total HAA6Br | | | ND | ND | |
| Total HAA9 | | | | | |
| Tribromoacetic acid 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 ND ND ND ND Bromodichloroacetic acid ND ND ND ND ND Dibromoacetic acid ND ND ND ND ND Dibromoacetic acid ND ND ND ND ND ND Dibromoacetic acid 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 ND ND ND ND Monobromoacetic acid ND ND ND ND Monochloroacetic 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 Distribution System Sample Site (DBP-02) ND ND ND Bromochloroacetic acid 0.45 | | | | | |
| 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 Monobromoacetic acid ND ND ND ND Monochloroacetic acid ND ND ND ND Tribromoacetic acid ND 2.1 ND ND Trichloroacetic acid 0.61 3.5 24 23 Distribution System Sample Site (DBP-02) Bromodichloroacetic acid 0.45 0.51 0.76 0.84 Bromodichloroacetic acid ND < | | | | | |
| 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 Monobromoacetic acid ND ND ND ND Monochloroacetic acid ND 3.5 1.8 1.6 Total HAA6Br ND 3.5 1.8 1.6 Total HAA9 1.3 9.3 39 38 Tribromoacetic acid ND 2.1 ND ND Distribution System Sample Site (DBP-02) ND ND ND Bromodichloroacetic acid 0.45 0.51 0.76 0.84 Bromodichloroacetic acid ND ND N | | | 0.8 | Z4 | ۷٥ |
| Bromodichloroacetic acid ND 0.84 1.1 1 | • | | O 54 | 0.68 | 0.59 |
| Chlorodibromoacetic acid ND ND ND Dibromoacetic acid ND ND ND ND Dichloroacetic acid ND ND ND ND Monobromoacetic acid ND ND ND ND Monochloroacetic acid ND ND ND ND Monochloroacetic acid ND ND ND ND Total HAAGBr ND 3.5 1.8 1.6 Total HAAGBr ND 2.1 ND ND Tribromoacetic acid ND 2.1 ND ND Trichloroacetic acid 0.61 3.5 24 23 Distribution System Sample Site (DBP-02) Seromochloroacetic acid 0.45 0.51 0.76 0.84 Bromochloroacetic acid ND ND ND ND ND Dibromoacetic acid ND ND ND ND ND Monobromoacetic acid ND ND ND ND ND Mo | | | | | |
| Dibromoacetic acid ND ND ND ND | | | | | _ |
| Monobromoacetic acid ND ND ND Monochloroacetic acid 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) Sepanochloroacetic acid 0.45 0.51 0.76 0.84 Bromochloroacetic acid 0.78 0.95 1.1 1.3 1.3 Chlorodibromoacetic acid ND ND <td></td> <td></td> <td></td> <td></td> <td></td> | | | | | |
| Monochloroacetic acid 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 ND ND ND ND ND Pistribution System Sample Site (DBP-02) 0.61 3.5 24 23 Distribution System Sample Site (DBP-02) 0.51 0.76 0.84 Bromochloroacetic acid 0.45 0.51 0.76 0.84 Bromodichloroacetic acid ND ND ND ND ND ND ND ND ND ND Dibromoacetic acid ND | | 0.71 | 2.3 | 13 | 13 |
| 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) 8 0.51 0.76 0.84 Bromochloroacetic acid 0.45 0.51 0.76 0.84 Bromodichloroacetic acid ND ND ND ND Chlorodibromoacetic acid ND ND ND ND Dibromoacetic acid ND ND ND ND Dichloroacetic acid ND ND ND ND Monobromoacetic acid ND ND ND ND Monochloroacetic acid ND ND ND ND Monochloroacetic acid ND ND ND ND Total HAA5 19 20 37 | | ND | ND | ND | ND |
| 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) Secondary System Sample Site (DBP-02) 0.51 0.76 0.84 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 ND ND ND ND Monobromoacetic acid ND ND ND ND Monochloroacetic acid ND ND ND ND Monochloroacetic acid ND ND ND ND Total HAA5 19 20 37 51 Total HAA6Br 1.2 | | | | | |
| 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) Distribution System Sample Site (DBP-02) 0.51 0.76 0.84 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 ND ND ND ND Monobromoacetic acid ND ND ND ND Monochloroacetic acid ND ND ND ND Monochloroacetic acid ND ND ND ND Total HAA5 19 20 37 51 Total HAA9 20 22 39 53 Tribromoacetic acid ND <td></td> <td></td> <td></td> <td></td> <td></td> | | | | | |
| 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 ND ND ND ND 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 | | | | | |
| 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 ND ND ND ND 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-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 ND ND ND ND 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 | | | | | |
| 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 ND ND ND ND 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 | | | 5.5 | <u> </u> | |
| Bromodichloroacetic acid 0.78 0.95 1.1 1.3 Chlorodibromoacetic acid ND ND ND ND Dibromoacetic acid ND ND ND ND Dichloroacetic acid ND ND ND ND 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 | • | | 0.51 | 0.76 | 0.84 |
| Chlorodibromoacetic acid ND ND ND Dibromoacetic acid ND ND ND ND Dichloroacetic acid ND ND ND ND ND Monobromoacetic acid ND | | | | | |
| Dibromoacetic acid 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 | | | | | |
| 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 | | | | | |
| Monochloroacetic acid 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 | | | | | 18 |
| 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 | Monobromoacetic acid | ND | | | ND |
| 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 | | ND | ND | ND | ND |
| Total HAA9 20 22 39 53 Tribromoacetic acid ND ND ND ND Trichloroacetic acid 12 13 23 33 | | 19 | 20 | 37 | 51 |
| Tribromoacetic acid ND ND ND ND Trichloroacetic acid 12 13 23 33 | Total HAA6Br | | 1.5 | 1.9 | |
| Trichloroacetic acid 12 13 23 33 | | 20 | 22 | 39 | 53 |
| l l l | Total HAA9 | | | | Ī |
| | Total HAA9 Tribromoacetic acid | ND | ND | | |

| 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 S | ite (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 S | ite (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 S | ite (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 | | | | | |

ND - Not detected

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

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