

daa Dublin - North Runway Surface Water Monitoring - Q4, 2025

| Sample Date | Sample Location | Report Reference | BOD  | COD  | Ammonia | pH       | Ortho phosphate | Temperature | Dissolved Oxygen | Dissolved Oxygen | Nitrate | Total N | TPH  | Detergents | Benzene | Anthracene | Propylene Glycol | PAH   | PCB  | Benzo a pyrene | Zinc | Chromium VI | Arsenic | Copper | Chromium III | Chromium | Lead | Nickel | Phenols | Xylene | Potassium | Toluene |
|-------------|-----------------|------------------|------|------|---------|----------|-----------------|-------------|------------------|------------------|---------|---------|------|------------|---------|------------|------------------|-------|------|----------------|------|-------------|---------|--------|--------------|----------|------|--------|---------|--------|-----------|---------|
|             |                 |                  | mg/L | mg/L | mg/L    | pH units | mg/L            | degrees C   | %                | mg/L             | mg/L    | mg/L    | ug/L | ug/L       | ug/L    | ug/L       | mg/L             | ug/L  | ug/L | ug/L           | ug/L | ug/L        | ug/L    | ug/L   | ug/L         | ug/L     | ug/L | ug/L   | ug/L    | ug/L   | mg/L      | ug/L    |
| 17-10-2025  | SW-QT-NRML-1    | 3221/2510265/01  | 0.6  | 25   | 0.02    | 7.75     |                 | 0.01        | 13               |                  | 8.7     | 1.36    | 1.6  | <1         | 210     | <1         | <0.1             | <20.0 | <0.1 | <0.05          | <0.1 | 25          | <10.00  | 1      | 7            | <10.0    | 3    | <1     |         | <0.1   | <1        | <1      |
| 17-10-2025  | SW-QT-NRML-2    | 3221/2510265/02  | 0.5  | 8    | 0.02    | 7.47     |                 | 0.01        | 13.2             |                  | 7.6     | 0.89    | 0.5  | <1         | <100    | <1         | <0.1             | <20.0 | <0.1 | <0.05          | <0.1 | 10          | <10.00  | 1      | 2            | <10.0    | 1    | <1     |         | <0.1   | <1        | <1      |
| 17-10-2025  | SW-QT-NRML-3    | 3221/2510265/03  | 0.1  | 13   | 0.02    | 7.56     |                 | <0.01       | 13.3             |                  | 7.3     | <0.51   | 0.6  | <1         | 115     | <1         | <0.1             | <20.0 | <0.1 | <0.05          | <0.1 | 50          | <10.00  | 2      | 3            | <10.0    | <1   | <1     |         | <0.1   | <1        | <1      |
| 17-10-2025  | SW-QT-NRML-4    | 3221/2510265/04  | 0.7  | 18   | 0.01    | 8.1      |                 | 0.01        | 13.5             |                  | 9.1     | 1.12    | 1.2  | <1         | 134     | <1         | <0.1             | <20.0 | <0.1 | <0.05          | <0.1 | 15          | <10.00  | 2      | 8            | <10.0    | 2    | <1     |         | <0.1   | <1        | <1      |
| 17-10-2025  | SW-QT-NRML-8    | 3221/2510265/05  | 0.6  | <5   | 0.03    | 7.76     |                 | <0.01       | 13.5             |                  | 9.1     | 0.95    | 1    | <1         | 128     | <1         | <0.1             | <20.0 | <0.1 | <0.05          | <0.1 | 30          | <10.00  | 1      | 4            | <10.0    | <1   | <1     |         | <0.1   | <1        | <1      |
| 20-10-2025  | SW-MO-NRML-5    | 3221/2510266/01  | 1.5  | 21   | 0.02    | 7.68     |                 | 0.01        | 13.3             |                  | 9.8     | 0.68    | 1    | <1         | 157     | <1         | <0.1             | <20.0 | <0.1 | <0.05          | <0.1 | 28          | <10.00  | 1      | 10           | <10.0    | 1    | 2      |         | <0.1   | <1        | <1      |
| 20-10-2025  | SW-MO-NRML-6    | 3221/2510266/02  | 1.4  | 30   | 0.06    | 7.82     |                 | 0.01        | 13.3             |                  | 9.8     | 1.2     | 1.4  | <1         | 204     | <1         | <0.1             | <20.0 | <0.1 | <0.05          | <0.1 | 11          | <10.00  | 2      | 16           | <10.0    | 3    | 1      |         | <0.1   | <1        | <1      |
| 20-10-2025  | SW-MO-NRML-7    | 3221/2510266/03  | 1.1  | 19   | 0.03    | 7.86     |                 | 0.01        | 13.3             |                  | 9.9     | 1.14    | 1    | <1         | 197     | <1         | <0.1             | <20.0 | <0.1 | <0.05          | <0.1 | 18          | <10.00  | 1      | 8            | <10.0    | 1    | 1      |         | <0.1   | <1        | <1      |
| 20-10-2025  | SW-QT-NRML-9    | 3221/2510266/04  | 1.4  | 20   | 0.02    | 7.85     |                 | 0.06        | 13.4             |                  | 9.8     | 2.78    | 2.8  | <1         | 183     | <1         | <0.1             | <20.0 | <0.1 | <0.05          | <0.1 | 15          | <10.00  | 1      | 7            | <10.0    | 1    | 2      |         | <0.1   | <1        | <1      |
| 03-11-2025  | SW-MO-NRML-5    | 3221/2511278/02  | 0.7  | 17   | 0.02    | 7.76     |                 | 0.03        | 12.6             |                  | 9.9     | 2.64    | 2.6  | <1         | 145     | <1         | <0.1             | <2.0  | <0.1 | <0.05          | <0.1 | 14          | <10.00  | 1      | 3            | <10.0    | 1    | <1     |         | <0.1   | <1        | <1      |
| 03-11-2025  | SW-MO-NRML-6    | 3221/2511278/03  | 0.5  | 20   | 0.04    | 7.91     |                 | 0.01        | 12.8             |                  | 10      | 1.66    | 1.7  | <1         | 138     | <1         | <0.1             | <2.0  | <0.1 | <0.05          | <0.1 | 4           | <10.00  | 2      | 5            | <10.0    | 3    | <1     |         | <0.1   | <1        | <1      |
| 03-11-2025  | SW-MO-NRML-7    | 3221/2511278/04  | 0.7  | 15   | 0.03    | 7.95     |                 | 0.02        | 12.4             |                  | 10      | 2.04    | 2.1  | <1         | 125     | <1         | <0.1             | <2.0  | <0.1 | <0.05          | <0.1 | 8           | <10.00  | 1      | 4            | <10.0    | 1    | <1     |         | <0.1   | <1        | <1      |
| 24-11-2025  | NRML 5 EXTRA    | 3221/2511297/12  | 2.1  | 13   |         |          |                 |             |                  |                  |         |         |      |            |         |            |                  |       |      |                |      |             |         |        |              |          |      |        |         |        |           | 5.3     |
| 24-11-2025  | NRML 6 EXTRA    | 3221/2511297/13  | 4.6  | 20   |         |          |                 |             |                  |                  |         |         |      |            |         |            |                  |       |      |                |      |             |         |        |              |          |      |        |         |        |           | 8.2     |
| 24-11-2025  | NRML 7 EXTRA    | 3221/2511297/14  | 47   | 85   |         |          |                 |             |                  |                  |         |         |      |            |         |            |                  |       |      |                |      |             |         |        |              |          |      |        |         |        |           | 9.4     |
| 01-12-2025  | NRML 5 EXTRA    | 3221/2512306/14  | 1.1  | 14   |         |          |                 |             |                  |                  |         |         |      |            |         |            |                  |       |      |                |      |             |         |        |              |          |      |        |         |        |           | 3.7     |
| 01-12-2025  | NRML 6 EXTRA    | 3221/2512306/15  | 3.2  | 14   |         |          |                 |             |                  |                  |         |         |      |            |         |            |                  |       |      |                |      |             |         |        |              |          |      |        |         |        |           | 5.5     |
| 01-12-2025  | NRML 7 EXTRA    | 3221/2512306/16  | 5.9  | 24   |         |          |                 |             |                  |                  |         |         |      |            |         |            |                  |       |      |                |      |             |         |        |              |          |      |        |         |        |           | 6.4     |
| 01-12-2025  | SW-MO-NRML-5    | 3221/2512307/02  | 1.3  | 19   | 0.04    | 7.73     |                 | 0.01        | 9.6              |                  | 9.9     | 1.55    | 1.6  | <1         | 202     | <1         | <0.1             | <2.0  | <0.1 | <0.05          | <0.1 | 29          | <10.00  | 1      | 5            | <10.0    | 1    | 1      |         | <0.1   | <1        | <1      |
| 01-12-2025  | SW-MO-NRML-6    | 3221/2512307/03  | 2    | 27   | 0.05    | 7.84     |                 | <0.01       | 9.6              |                  | 9.7     | 0.78    | 1    | <1         | 195     | <1         | <0.1             | <20   | <0.1 | <0.05          | <0.1 | 41          | <10.00  | 2      | 8            | <10.0    | 2    | 2      |         | <0.1   | <1        | <1      |
| 01-12-2025  | SW-MO-NRML-7    | 3221/2512307/04  | 1.5  | 19   | 0.04    | 7.89     |                 | 0.01        | 9.8              |                  | 9.6     | 1.2     | 1.3  | <1         | 165     | <1         | <0.1             | <20   | <0.1 | <0.05          | <0.1 | 17          | <10.00  | 1      | 6            | <10.0    | 1    | 1      |         | <0.1   | <1        | <1      |

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| Sample Date | Sample Location | Report Reference | BOD  | COD  | Ammonia | pH       | Ortho phosphate | Temperature | Dissolved Oxygen | Dissolved Oxygen | Nitrate | Total N | TPH  | Detergents | Benzene | Anthracene | Propylene Glycol | PAH  | PCB   | Benzo a pyrene | Zinc | Chromium VI | Arsenic | Copper | Chromium III | Chromium | Lead | Nickel | Phenols | Xylene | Potassium | Toluene |
|-------------|-----------------|------------------|------|------|---------|----------|-----------------|-------------|------------------|------------------|---------|---------|------|------------|---------|------------|------------------|------|-------|----------------|------|-------------|---------|--------|--------------|----------|------|--------|---------|--------|-----------|---------|
|             |                 |                  | mg/L | mg/L | mg/L    | pH units | mg/L            | degrees C   | %                | mg/L             | mg/L    | mg/L    | ug/L | ug/L       | ug/L    | ug/L       | mg/L             | ug/L | ug/L  | ug/L           | ug/L | ug/L        | ug/L    | ug/L   | ug/L         | ug/L     | ug/L | ug/L   | ug/L    | ug/L   | mg/L      | ug/L    |
| 14-07-2025  | SW-MO-NRML-5    | 3221/2507197/01  | 0.8  | 29   | 0.04    | 7.56     | 0.01            | 15          |                  | 8.9              | <0.51   | 0.3     | <1   | 310        | <1      | <0.1       |                  | <0.1 | <0.05 | <0.1           | 13   | <10.00      | 1       | 4      | <10.0        | <1       | <1   | 1      | <0.1    | <1     | 6.3       | <1      |
| 14-07-2025  | SW-MO-NRML-6    | 3221/2507197/02  | 0.6  | 13   | 0.04    | 8.13     | 0.01            | 13.9        |                  | 10               | 0.58    | 0.8     | <1   | 294        | <1      | <0.1       |                  | <0.1 | <0.05 | <0.1           | 5    | <10.00      | 3       | 2      | <10.0        | 1        | <1   | 2      | <0.1    | <1     | 18.3      | <1      |
| 14-07-2025  | SW-MO-NRML-7    | 3221/2507197/03  | 0.9  | 16   | 0.03    | 8.06     | 0.02            | 15.2        |                  | 9.7              | 0.58    | 0.8     | <1   | 290        | <1      | <0.1       |                  | <0.1 | <0.05 | <0.1           | 18   | <10.00      | 1       | 7      | <10.0        | 1        | <1   | 4      | <0.1    | <1     | 8.7       | <1      |
| 29-07-2025  | SW-QT-NRML-9    | 3221/2507209/02  | 0.5  | 18   | 0.01    | 8.1      | 0.06            | 16.6        |                  | 9.4              | 1.06    | 2       | <1   | 137        | <1      | <0.1       |                  | <0.1 | <0.05 | <0.1           | 13   | <10.00      | 1       | 4      | <10.0        | 1        | <1   | 3      | <0.1    | <1     | 7         | <1      |
| 01-08-2025  | SW-QT-NRML-1    | 3221/2508212/01  | 0.6  | 42   | 0.03    | 7.31     | 0.01            | 14.8        |                  | 10.5             | 1.19    | 1.5     | <1   | 144        | <1      | <0.1       |                  | <0.1 | <0.05 | <0.1           | 36   | <10.00      | 1       | 5      | <10.0        | 2        | <1   | 5      | <0.1    | <1     | 3.3       | <1      |
| 01-08-2025  | SW-QT-NRML-2    | 3221/2508212/02  | 0.5  | 33   | 0.03    | 7.41     | 0.01            | 15          |                  | 10.5             | 0.57    | 0.9     | <1   | 239        | <1      | <0.1       |                  | <0.1 | <0.05 | <0.1           | 6    | <10.00      | 1       | <2     | <10.0        | 1        | <1   | 1      | <0.1    | <1     | 6.2       | <1      |
| 01-08-2025  | SW-QT-NRML-3    | 3221/2508212/03  | 0.3  | 35   | 0.02    | 7.27     | 0.01            | 14          |                  | 10.4             | <0.51   | 0.7     | <1   | 147        | <1      | <0.1       |                  | <0.1 | <0.05 | <0.1           | 52   | <10.00      | 2       | 2      | <10.0        | <1       | <1   | 4      | <0.1    | <1     | 9.7       | <1      |
| 01-08-2025  | SW-QT-NRML-4    | 3221/2508212/04  | 0.5  | 32   | 0.03    | 8.02     | 0.01            | 16.4        |                  | 10.6             | 1.55    | 1.7     | <1   | 134        | <1      | <0.1       |                  | <0.1 | <0.05 | <0.1           | 14   | <10.00      | 1       | 5      | <10.0        | 4        | <1   | 4      | <0.1    | <1     | 7.2       | <1      |
| 01-08-2025  | SW-QT-NRML-8    | 3221/2508212/10  | 1.7  | 30   | 0.08    | 7.22     | 0.01            | 15.7        |                  | 10.3             | 0.89    | 1       | <1   | 138        | <1      | <0.1       |                  | <0.1 | <0.05 | <0.1           | 20   | <10.00      | 1       | 3      | <10.0        | 1        | <1   | 5      | <0.1    | <1     | 5.3       | <1      |
| 05-08-2025  | SW-MO-NRML-5    | 3221/2508214/02  | 0.4  | 12   | 0.02    | 7.55     | 0.01            | 14          |                  | 9.2              | <0.51   | 0.4     | <1   | 225        | <1      | <0.1       |                  | <0.1 | <0.05 | <0.1           | 9    | <10.00      | 1       | <2     | <10.0        | 1        | <1   | 1      | <0.1    | <1     | 6         | <1      |
| 05-08-2025  | SW-MO-NRML-6    | 3221/2508214/03  | 0.6  | 15   | 0.05    | 8.06     | 0.01            | 14.2        |                  | 10.1             | 0.86    | 1.1     | <1   | 230        | <1      | <0.1       |                  | <0.1 | <0.05 | <0.1           | 2    | <10.00      | 3       | 3      | <10.0        | 1        | <1   | 2      | <0.1    | <1     | 18.4      | <1      |
| 05-08-2025  | SW-MO-NRML-7    | 3221/2508214/04  | 0.8  | 11   | 0.02    | 8.03     | 0.02            | 14          |                  | 9.8              | <0.51   | 0.6     | <1   | 131        | <1      | <0.1       |                  | <0.1 | <0.05 | <0.1           | 9    | <10.00      | 1       | 4      | <10.0        | 1        | 1    | 2      | <0.1    | <1     | 8.6       | <1      |
| 05-09-2025  | SW-MO-NRML-5    | 3221/2509232/01  | 0.4  | <5   | <0.01   | 7.67     | 0.01            | 14.8        |                  | 7.1              | <0.51   | 0.3     | <1   | <100       | <1      | <0.1       |                  | <0.1 | <0.05 | <0.1           | 10   | <10.00      | 1       | 3      | <10.0        | 1        | <1   | 1      | <0.1    | <1     | 5.2       | <1      |
| 05-09-2025  | SW-MO-NRML-6    | 3221/2509232/02  | 0.4  | <5   | 0.05    | 8.06     | 0.01            | 14.8        |                  | 9.3              | 0.54    | 0.8     | <1   | <100       | <1      | <0.1       |                  | <0.1 | <0.05 | <0.1           | 6    | <10.00      | 3       | 5      | <10.0        | 2        | <1   | 2      | <0.1    | <1     | 17.1      | <1      |
| 05-09-2025  | SW-MO-NRML-7    | 3221/2509232/03  | 0.7  | 7    | <0.01   | 8.03     | 0.01            | 14.6        |                  | 9.2              | <0.51   | 0.5     | <1   | <100       | <1      | <0.1       |                  | <0.1 | <0.05 | <0.1           | 19   | <10.00      | 1       | 7      | <10.0        | 2        | <1   | 1      | <0.1    | <1     | 7.9       | <1      |

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| Sample Date | Sample Location | Report Reference | BOD  | COD  | Ammonia | pH       | Ortho phosphate | Temperature | Dissolved Oxygen | Dissolved Oxygen | Nitrate | Total N | TPH  | Detergents | Benzene | Anthracene | Propylene Glycol | PAH   | PCB   | Benzo a pyrene | Zinc   | Chromium VI | Arsenic | Copper | Chromium III | Chromium | Lead | Nickel | Phenols | Xylene | Potassium | Toluene |
|-------------|-----------------|------------------|------|------|---------|----------|-----------------|-------------|------------------|------------------|---------|---------|------|------------|---------|------------|------------------|-------|-------|----------------|--------|-------------|---------|--------|--------------|----------|------|--------|---------|--------|-----------|---------|
|             |                 |                  | mg/L | mg/L | mg/L    | pH units | mg/L            | degrees C   | %                | mg/L             | mg/L    | mg/L    | ug/L | ug/L       | ug/L    | ug/L       | ug/L             | ug/L  | ug/L  | ug/L           | ug/L   | ug/L        | ug/L    | ug/L   | ug/L         | ug/L     | ug/L | ug/L   | ug/L    | ug/L   | ug/L      | mg/L    |
| 14-04-2025  | SW-MO-NRML-5    | 3221/2504136/01  | 1.3  | 8    | 0.01    | 7.9      |                 | <0.01       | 10.7             | 9.8              | 1.23    | 0.8     | <1   | <100       | <1      | <0.1       | <2.0             | <0.1  | <0.05 | <0.1           | 5      | <10.00      | 1       | 2      | <10.0        | <1       | <1   | 1      | <0.1    | <1     | <1        | <1      |
| 14-04-2025  | SW-MO-NRML-6    | 3221/2504136/02  | 0.8  | 11   | 0.12    | 8.08     |                 | 0.01        | 9.7              | 10.2             | 0.89    | 1.1     | <1   | <100       | <1      | <0.1       | <2.0             | <0.1  | <0.05 | <0.1           | <2     | <10.00      | 4       | 2      | <10.0        | 1        | <1   | 2      | <0.1    | <1     | <1        | <1      |
| 14-04-2025  | SW-MO-NRML-7    | 3221/2504136/03  | 0.8  | 19   | 0.14    | 7.99     |                 | 0.01        | 10               | 9.1              | 1.3     | 1.3     | <1   | 172        | <1      | <0.1       | <2.0             | <0.1  | <0.05 | <0.1           | 13     | <10.00      | 1       | 8      | <10.0        | 1        | <1   | 2      | <0.1    | <1     | <1        | <1      |
| 06-05-2025  | SW-MO-NRML-5    | 3221/2505148/01  | 1.9  | 14   | 0.03    | 7.76     |                 | <0.01       | 11.9             | 10.5             | 1.01    | 1.1     | <100 | <1         | <0.1    | <2.0       | <0.1             | <0.05 | <0.1  | 6              | <10.00 | 1           | 2       | <10.0  | <1           | <1       | 1    | <1     | <1      | 4.7    | <1        |         |
| 06-05-2025  | SW-MO-NRML-6    | 3221/2505148/02  | 0.5  | 10   | 0.09    | 7.96     |                 | <0.01       | 10.7             | 10.4             | 1.18    | 1.2     | <100 | <1         | <0.1    | <2.0       | <0.1             | <0.05 | <0.1  | 3              | <10.00 | 3           | 2       | <10.0  | 2            | <1       | 3    | <1     | 17.9    |        | <1        |         |
| 06-05-2025  | SW-MO-NRML-7    | 3221/2505148/03  | 0.9  | 7    | 0.05    | 8.08     |                 | <0.01       | 11.4             | 10.7             | 0.97    | 1.1     | <100 | <1         | <0.1    | <2.0       | <0.1             | <0.05 | <0.1  | 6              | <10.00 | 1           | 2       | <10.0  | 1            | <1       | 2    | <1     | 7.3     |        | <1        |         |
| 16-05-2025  | SW-MO-NRML-9    | 3221/2505156/07  | 1.3  | 11   | 0.06    | 8.18     |                 | 0.02        | 16.1             | 9.6              | 1.91    | 1.8     | <100 | <1         | <0.1    | <2.0       | <0.1             | <0.05 | <0.1  | 5              | <10.00 | 1           | 2       | <10.0  | <1           | <1       | 3    | <1     | 3.4     |        | <1        |         |
| 23-05-2025  | SW-QT-NRML-1    | 3221/2505163/01  | 1.4  | 21   | 0.03    | 7.78     | 0.01            | 11.7        |                  | 8.5              | 1.89    | 1.9     | <1   | 230        | <1      | <0.1       | <2.0             | <0.1  | <0.05 | <0.1           | 43     | <10.00      | 1       | 5      | <10.0        | 1        | <1   | 3      | <0.1    | <1     | 3.6       | <1      |
| 23-05-2025  | SW-QT-NRML-2    | 3221/2505163/02  | 0.3  | 11   | 0.05    | 7.75     | 0.01            | 11.7        |                  | 8.3              | 0.52    | 0.6     | <1   | <100       | <1      | <0.1       | <2.0             | <0.1  | <0.05 | <0.1           | 11     | <10.00      | 1       | <2     | <10.0        | <1       | <1   | <1     | <0.1    | <1     | 5.9       | <1      |
| 23-05-2025  | SW-QT-NRML-3    | 3221/2505163/03  | 0.1  | 8    | 0.02    | 7.5      | 0.01            | 12.5        |                  | 6.8              | <0.51   | 0.6     | <1   | <100       | <1      | <0.1       | <2.0             | <0.1  | <0.05 | <0.1           | 44     | <10.00      | 2       | <2     | <10.0        | <1       | <1   | 3      | <0.1    | <1     | 10.5      | <1      |
| 23-05-2025  | SW-QT-NRML-4    | 3221/2505163/04  | 0.9  | 16   | 0.02    | 8.02     | 0.01            | 13.6        |                  | 7.9              | 0.93    | 1       | <1   | <100       | <1      | <0.1       | <2.0             | <0.1  | <0.05 | <0.1           | 13     | <10.00      | 1       | 8      | <10.0        | 1        | <1   | 4      | <0.1    | <1     | 7         | <1      |
| 23-05-2025  | SW-QT-NRML-8    | 3221/2505163/05  | 0.5  | 12   | 0.04    | 7.49     | 0.01            | 13.9        |                  | 8.7              | 1.64    | 1.4     | <1   | <100       | <1      | <0.1       | <2.0             | <0.1  | <0.05 | <0.1           | 41     | <10.00      | 1       | 3      | <10.0        | 1        | <1   | 5      | <0.1    | <1     | 5.1       | <1      |
| 24-06-2025  | SW-MO-NRML-5    | 3221/2506184/01  | 0.5  | 10   | <0.01   | 7.91     | 0.01            | 14.9        |                  | 7.5              | <0.51   | 0.4     | <1   | 178        | <1      | <0.1       | <2000            | <0.1  | <0.05 | <0.1           | 6      | <10.00      | 1       | 4      | <10.0        | 1        | <1   | 1      | <0.1    | <1     | 5.5       | <1      |
| 24-06-2025  | SW-MO-NRML-6    | 3221/2506184/02  | 0.5  | 10   | 0.03    | 8.27     | 0.01            | 14          |                  | 9                | 0.96    | 1.2     | <1   | 197        | <1      | <0.1       | <2.0             | <0.1  | <0.05 | <0.1           | 4      | <10.00      | 2       | 3      | <10.0        | 2        | <1   | 2      | <0.1    | <1     | 18.9      | <1      |
| 24-06-2025  | SW-MO-NRML-7    | 3221/2506184/03  | 1.2  | 19   | 0.42    | 8.02     | 0.09            | 14.8        |                  | 8.4              | 0.63    | 1.4     | <1   | 291        | <1      | <0.1       | <2.0             | <0.1  | <0.05 | <0.1           | 17     | <10.00      | 1       | 10     | <10.0        | 2        | <1   | 2      | <0.1    | <1     | 7.9       | <1      |

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| Sample Date | Sample Location | Report Reference | BOD  | COD  | Ammonia | pH   | Ortho phosphate | Temperature | Dissolved Oxygen | Dissolved Oxygen | Nitrate | Total N | TPH  | Detergents | Benzene | Anthracene | Propylene Glycol | PAH  | PCB   | Benzo a pyrene | Zinc | Chromium VI | Arsenic | Copper | Chromium III | Chromium | Lead | Nickel | Phenols | Xylene | Potassium | Toluene |
|-------------|-----------------|------------------|------|------|---------|------|-----------------|-------------|------------------|------------------|---------|---------|------|------------|---------|------------|------------------|------|-------|----------------|------|-------------|---------|--------|--------------|----------|------|--------|---------|--------|-----------|---------|
| mg/L        | mg/L            | mg/L             | mg/L | mg/L | mg/L    | mg/L | mg/L            | degrees C   | %                | mg/L             | mg/L    | mg/L    | ug/L | ug/L       | ug/L    | ug/L       | ug/L             | ug/L | ug/L  | ug/L           | ug/L | ug/L        | ug/L    | ug/L   | ug/L         | ug/L     | ug/L | ug/L   | ug/L    | ug/L   | ug/L      | ug/L    |
| 06-01-2025  | NRML 7 EXTRA    | 3221050105702    | 7.5  | 46   | -       | -    | -               | -           | -                | -                | -       | -       | -    | -          | -       | -          | -                | -    | -     | -              | -    | -           | -       | -      | -            | -        | -    | -      | -       | -      | -         | -       |
| 06-01-2025  | NRML 6 EXTRA    | 3221050105703    | 16   | 56   | -       | -    | -               | -           | -                | -                | -       | -       | -    | -          | -       | -          | -                | -    | -     | -              | -    | -           | -       | -      | -            | -        | -    | -      | -       | -      | -         | -       |
| 06-01-2025  | NRML 5 EXTRA    | 3221050105704    | 2.8  | 29   | -       | -    | -               | -           | -                | -                | -       | -       | -    | -          | -       | -          | -                | -    | -     | -              | -    | -           | -       | -      | -            | -        | -    | -      | -       | -      | -         | -       |
| 10-01-2025  | NRML 7 EXTRA    | 3221050106201    | 2.4  | 12   | -       | -    | -               | -           | -                | -                | -       | -       | -    | -          | -       | -          | -                | -    | -     | -              | -    | -           | -       | -      | -            | -        | -    | -      | -       | -      | -         | -       |
| 10-01-2025  | NRML 6 EXTRA    | 3221050106202    | 11   | 26   | -       | -    | -               | -           | -                | -                | -       | -       | -    | -          | -       | -          | -                | -    | -     | -              | -    | -           | -       | -      | -            | -        | -    | -      | -       | -      | -         | -       |
| 10-01-2025  | NRML 5 EXTRA    | 3221050106203    | 2.2  | 9    | -       | -    | -               | -           | -                | -                | -       | -       | -    | -          | -       | -          | -                | -    | -     | -              | -    | -           | -       | -      | -            | -        | -    | -      | -       | -      | -         | -       |
| 13-01-2025  | SW-MO-NRML-6    | 3221050106401    | 2.7  | 8    | 0.03    | 7.65 | 0.01            | 9.3         | -                | 10.8             | 2.68    | 2.9     | <1   | 145        | <0.1    | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 11   | <10.00      | 1       | 2      | <10.0        | <1       | <1   | 2      | <0.1    | <1     | <1        | <1      |
| 13-01-2025  | SW-MO-NRML-6    | 3221050106402    | 3.9  | 18   | 0.05    | 7.93 | <0.01           | 9.4         | -                | 11               | 1.13    | 1.3     | <1   | 122        | <0.1    | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 5    | <10.00      | 4       | 4      | <10.0        | 2        | <1   | 4      | <0.1    | <1     | <1        | <1      |
| 13-01-2025  | SW-MO-NRML-7    | 3221050106403    | 2.5  | 18   | 0.01    | 7.88 | <0.01           | 9.6         | -                | 11               | 2.11    | 2.1     | <1   | 115        | <0.1    | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 40   | <10.00      | 2       | 15     | <10.0        | 2        | 1    | 3      | <0.1    | <1     | <1        | <1      |
| 27-01-2025  | NRML 7 EXTRA    | 3221050107701    | 1.4  | 9    | -       | -    | -               | -           | -                | -                | -       | -       | -    | -          | -       | -          | -                | -    | -     | -              | -    | -           | -       | -      | -            | -        | -    | -      | -       | -      | -         | -       |
| 27-01-2025  | NRML 6 EXTRA    | 3221050107702    | 4.9  | 28   | -       | -    | -               | -           | -                | -                | -       | -       | -    | -          | -       | -          | -                | -    | -     | -              | -    | -           | -       | -      | -            | -        | -    | -      | -       | -      | -         | -       |
| 27-01-2025  | NRML 5 EXTRA    | 3221050107703    | 1.6  | 22   | -       | -    | -               | -           | -                | -                | -       | -       | -    | -          | -       | -          | -                | -    | -     | -              | -    | -           | -       | -      | -            | -        | -    | -      | -       | -      | -         | -       |
| 10-02-2025  | SW-MO-NRML-5    | 3221050200801    | 1.2  | 10   | 0.14    | 7.92 | 0.04            | 6.9         | -                | 10.6             | 2.65    | 2.7     | <1   | 294        | <0.1    | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 21   | <10.00      | 1       | 2      | <10.0        | <1       | <1   | 2      | <0.1    | <1     | <1        | <1      |
| 10-02-2025  | SW-MO-NRML-6    | 3221050200802    | 1.2  | 14   | 0.04    | 8.04 | <0.01           | 7.8         | -                | 10.4             | 1.19    | 1.3     | <1   | <100       | <0.1    | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 22   | <10.00      | 3       | 3      | <10.0        | 2        | <1   | 4      | <0.1    | <1     | <1        | <1      |
| 10-02-2025  | SW-MO-NRML-7    | 3221050200803    | 0.8  | 8    | 0.04    | 8.1  | 0.01            | 6.6         | -                | 10.8             | 2.18    | 2.2     | <1   | <100       | <0.1    | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 13   | <10.00      | 1       | 3      | <10.0        | 1        | <1   | 2      | <0.1    | <1     | <1        | <1      |
| 21-02-2025  | SW-QT-NRML-1    | 32210502009701   | 1.0  | 22   | <0.01   | 7.84 | 0.01            | 9.3         | -                | 9.9              | 3.03    | 3.1     | <1   | 353        | <0.1    | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 19   | <10.00      | 1       | 4      | <10.0        | 1        | <1   | 5      | <0.1    | <1     | <1        | <1      |
| 21-02-2025  | SW-QT-NRML-2    | 32210502009702   | 1.3  | 16   | <0.01   | 7.48 | <0.01           | 10.1        | -                | 7.1              | 1.16    | 1.1     | <1   | 221        | <0.1    | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 8    | <10.00      | 1       | 2      | <10.0        | <1       | <1   | 2      | <0.1    | <1     | <1        | <1      |
| 21-02-2025  | SW-QT-NRML-3    | 32210502009703   | 1.8  | 14   | 0.01    | 7.53 | <0.01           | 9.2         | -                | 8.4              | 1.36    | 1.3     | <1   | 329        | <0.1    | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 10   | <10.00      | 2       | 2      | <10.0        | 1        | <1   | 4      | <0.1    | <1     | <1        | <1      |
| 21-02-2025  | SW-QT-NRML-4    | 32210502009704   | 0.9  | 21   | <0.01   | 7.98 | 0.01            | 9.4         | -                | 9.5              | 0.88    | 1       | <1   | 236        | <0.1    | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 8    | <10.00      | 1       | 5      | <10.0        | 1        | <1   | 5      | <0.1    | <1     | <1        | <1      |
| 21-02-2025  | SW-QT-NRML-5    | 32210502009705   | 0.7  | 20   | <0.01   | 7.96 | 0.01            | 9.3         | -                | 9.5              | 0.9     | 1       | <1   | 205        | <0.1    | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 7    | <10.00      | 1       | 5      | <10.0        | 1        | <1   | 5      | <0.1    | <1     | <1        | <1      |
| 03-03-2025  | SW-QT-NRML-6    | 3221050310407    | 1.3  | 6    | 0.06    | 8.19 | 0.03            | 11          | -                | 10.5             | 4.52    | 4.5     | <1   | 157        | <0.1    | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 12   | <10.00      | 1       | 4      | <10.0        | 1        | <1   | 3      | <0.1    | <1     | <1        | <1      |
| 10-03-2025  | SW-MO-NRML-5    | 3221050311101    | 0.3  | 7    | 0.01    | 7.93 | 0.01            | 9.2         | -                | 7.1              | 2.11    | 2.1     | <1   | 289        | <0.1    | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 6    | <10.00      | 1       | <2     | <10.0        | <1       | <1   | 1      | <0.1    | <1     | <1        | <1      |
| 10-03-2025  | SW-MO-NRML-6    | 3221050311102    | 0.3  | 15   | 0.1     | 8.04 | <0.01           | 8.8         | -                | 6.7              | 1.03    | 1.2     | <1   | 148        | <0.1    | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 8    | <10.00      | 3       | 3      | <10.0        | 1        | <1   | 3      | <0.1    | <1     | <1        | <1      |
| 10-03-2025  | SW-MO-NRML-7    | 3221050311103    | 0.9  | 18   | 0.24    | 8.12 | 0.04            | 8.6         | -                | 6.4              | 1.72    | 2       | <1   | 128        | <0.1    | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 8    | <10.00      | 1       | 2      | <10.0        | 1        | <1   | 2      | <0.1    | <1     | <1        | <1      |

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| Sample Date | Sample Location | Report Reference | BOD  | COD  | Ammonia | pH        | Ortho phosphate | Temperature | Dissolved Oxygen | Dissolved Oxygen | Nitrate | Total N | TPH  | Detergents | Benzene | Anthracene | Propylene Glycol | PAH  | PCB   | Benzo a pyrene | Zinc | Chromium VI | Arsenic | Copper | Chromium III | Chromium | Lead | Nickel | Phenols | Xylene | Potassium | Toluene |      |
|-------------|-----------------|------------------|------|------|---------|-----------|-----------------|-------------|------------------|------------------|---------|---------|------|------------|---------|------------|------------------|------|-------|----------------|------|-------------|---------|--------|--------------|----------|------|--------|---------|--------|-----------|---------|------|
|             |                 |                  | mg/L | mg/L | mg/L    | ppm units | mg/L            | degrees C   | %                | mg/L             | mg/L    | mg/L    | ug/L | ug/L       | ug/L    | ug/L       | mg/L             | ug/L | ug/L  | ug/L           | ug/L | ug/L        | ug/L    | ug/L   | ug/L         | ug/L     | ug/L | ug/L   | ug/L    | ug/L   | ug/L      | ug/L    | ug/L |
| 07-10-2024  | SW-MO-NRML-5    | 3221041099102    | 0.6  | <5   | 0.05    | 7.64      | 0.02            | 13.4        | -                | 8.9              | <0.51   | 0.4     | <1   | 235        | <1      | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 4    | <10         | 1       | <2     | <10.0        | <1       | <1   | 1      | <0.1    | <1     | 6.5       | <1      |      |
| 07-10-2024  | SW-MO-NRML-6    | 3221041099103    | 1.1  | <5   | 0.09    | 8.07      | 0.01            | 13.9        | -                | 9.7              | 0.74    | 0.8     | <1   | 145        | <1      | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 4    | <10         | 2       | 7      | <10.0        | 1        | <1   | 1      | <0.1    | <1     | 8.7       | <1      |      |
| 07-10-2024  | SW-MO-NRML-7    | 3221041099104    | 1.1  | <5   | 0.08    | 7.88      | 0.02            | 15          | -                | 9.3              | 0.81    | 0.9     | <1   | 169        | <1      | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 7    | <10         | 1       | 6      | <10.0        | 1        | <1   | 1      | <0.1    | <1     | 9.6       | <1      |      |
| 04-11-2024  | SW-MO-NRML-5    | 3221041101101    | 0.7  | 10   | 0.03    | 7.69      | 0.04            | 13.4        | -                | 9.9              | <0.51   | 0.4     | <1   | 219        | <1      | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 11   | <10         | 1       | 2      | <10.0        | <1       | <1   | 2      | <0.1    | <1     | 6.2       | <1      |      |
| 04-11-2024  | SW-MO-NRML-6    | 3221041101102    | 0.5  | 13   | 0.12    | 8.19      | 0.01            | 13.8        | -                | 10.8             | 1.01    | 1.2     | <1   | 210        | <1      | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 7    | <10         | 3       | 3      | <10.0        | 2        | <1   | 2      | <0.1    | <1     | 12.5      | <1      |      |
| 04-11-2024  | SW-MO-NRML-7    | 3221041101103    | 5.6  | 28   | 5.92    | 7.9       | 0.82            | 14.8        | -                | 8.9              | 0.64    | 6.9     | <1   | 644        | <1      | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 16   | <10         | 1       | 6      | <10.0        | 1        | <1   | 2      | <0.1    | <1     | 7.3       | <1      |      |
| 08-11-2024  | NRML 7 Extra    | 3221041103101    | -    | -    | 2.28    | -         | -               | -           | -                | -                | -       | -       | -    | -          | -       | -          | -                | -    | -     | -              | -    | -           | -       | -      | -            | -        | -    | -      | -       | -      | -         | -       |      |
| 11-11-2024  | SW NRML 7 Extra | 3221041103501    | -    | -    | 0.06    | -         | -               | -           | -                | -                | -       | -       | -    | -          | -       | -          | -                | -    | -     | -              | -    | -           | -       | -      | -            | -        | -    | -      | -       | -      | -         | -       |      |
| 11-11-2024  | SW-MO-NRML-9    | 3221041101101    | 0.7  | 9    | 0.04    | 8.13      | 0.09            | 10.4        | -                | 10.7             | 0.94    | 0.9     | <1   | <100       | <1      | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 5    | <10         | 1       | 2      | <10.0        | <1       | <1   | 2      | <0.1    | <1     | 5.2       | <1      |      |
| 22-11-2024  | SW-QT-NRML-1    | 3221041103401    | 1.3  | 26   | 0.05    | 7.61      | 0.01            | 9.6         | -                | 10               | 2.09    | 2.4     | <4   | 270        | <1      | <0.1       | <2.0             | <0.4 | <0.2  | <0.4           | 23   | <10         | 1       | 8      | <10.0        | 3        | <1   | 6      | <0.4    | <1     | 3.6       | <1      |      |
| 22-11-2024  | SW-QT-NRML-2    | 3221041103402    | 0.4  | 15   | 0.01    | 7.33      | 0.01            | 9.6         | -                | 7.8              | 0.54    | 0.8     | <1   | 209        | <1      | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 13   | <10         | 1       | 5      | <10.0        | 1        | <1   | 2      | <0.1    | <1     | 3.6       | <1      |      |
| 22-11-2024  | SW-QT-NRML-3    | 3221041103403    | 0.4  | 16   | 0.01    | 7.51      | 0.01            | 10.3        | -                | 7.8              | 0.72    | 1       | <1   | 127        | <1      | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 33   | <10         | 2       | 5      | <10.0        | 1        | <1   | 3      | <0.1    | <1     | 6.8       | <1      |      |
| 22-11-2024  | SW-QT-NRML-4    | 3221041103404    | 0.3  | 14   | <0.01   | 7.6       | 0.04            | 9.9         | -                | 7.8              | 1.8     | 1.6     | <1   | 237        | <1      | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 9    | <10         | 1       | 6      | <10.0        | 1        | <1   | 7      | <0.1    | <1     | 5.6       | <1      |      |
| 22-11-2024  | SW-QT-NRML-6    | 3221041103405    | 0.7  | 39   | 0.01    | 7.51      | 0.01            | 9.9         | -                | 7.8              | 1.76    | 1.7     | <1   | 229        | <1      | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 20   | <10         | 1       | 6      | <10.0        | 2        | <1   | 6      | <0.1    | <1     | 4.5       | <1      |      |
| 25-11-2024  | SW NRML 5 EXTF  | 3221041102702    | <10  | 18   | -       | -         | -               | -           | -                | -                | -       | -       | -    | -          | -       | -          | -                | -    | -     | -              | -    | -           | -       | -      | -            | -        | -    | -      | -       | -      | 22.9      | -       |      |
| 25-11-2024  | SW NRML 6 EXTF  | 3221041102703    | 2.8  | 26   | -       | -         | -               | -           | -                | -                | -       | -       | -    | -          | -       | -          | -                | -    | -     | -              | -    | -           | -       | -      | -            | -        | -    | -      | -       | -      | 22.2      | -       |      |
| 25-11-2024  | SW NRML 7 EXTF  | 3221041102704    | 4.9  | 21   | -       | -         | -               | -           | -                | -                | -       | -       | -    | -          | -       | -          | -                | -    | -     | -              | -    | -           | -       | -      | -            | -        | -    | -      | -       | -      | 19.4      | -       |      |
| 25-11-2024  | NRML 5 EXTRA    | 3221041102901    | 0.6  | 5    | -       | -         | -               | -           | -                | -                | -       | -       | -    | -          | -       | -          | -                | -    | -     | -              | -    | -           | -       | -      | -            | -        | -    | -      | -       | -      | 22.1      | -       |      |
| 28-11-2024  | NRML 6 EXTRA    | 3221041102903    | 3.2  | 11   | -       | -         | -               | -           | -                | -                | -       | -       | -    | -          | -       | -          | -                | -    | -     | -              | -    | -           | -       | -      | -            | -        | -    | -      | -       | -      | 19.4      | -       |      |
| 25-11-2024  | NRML 6 EXTRA    | 3221041102904    | 9.9  | 6    | -       | -         | -               | -           | -                | -                | -       | -       | -    | -          | -       | -          | -                | -    | -     | -              | -    | -           | -       | -      | -            | -        | -    | -      | -       | -      | 15.4      | -       |      |
| 02-12-2024  | SW-MO-NRML-5    | 3221041203302    | 0.8  | 30   | 0.03    | 7.76      | 0.02            | 8.5         | -                | 10.3             | 0.95    | 0.8     | <1   | <100       | <1      | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 9    | <10.00      | 1       | 2      | <10.0        | <1       | <1   | 2      | <0.1    | <1     | 15.7      | <1      |      |
| 02-12-2024  | SW-MO-NRML-6    | 3221041203303    | <10  | 26   | 0.08    | 8         | <0.01           | 10.7        | -                | 9.6              | 1.46    | 1.1     | <1   | <100       | <1      | <0.1       | 2.8              | <0.1 | <0.05 | <0.1           | 5    | <10.00      | 3       | 4      | <10.0        | 3        | <1   | 4      | <0.1    | <1     | 20.9      | <1      |      |
| 02-12-2024  | SW-MO-NRML-7    | 3221041203304    | 1.9  | 16   | 0.01    | 8.01      | 0.01            | 8.9         | -                | 10.5             | 0.84    | 0.8     | <1   | <100       | <1      | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 11   | <10.00      | 1       | 4      | <10.0        | 1        | <1   | 3      | <0.1    | <1     | 16.1      | <1      |      |

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| Sample Date | Sample Location | Report Reference | BOD  | COD  | Ammonia | pH       | Ortho phosphate | Temperature | Dissolved Oxygen | Dissolved Oxygen | Nitrate | Total N | TPH  | Detergents | Benzene | Anthraxene | Propylene Glycol | PAH  | PCB   | Benz a pyrene | Zinc | Chromium VI | Arsenic | Copper | Chromium III | Chromium | Lead | Nickel | Phenols | Xylene | Potassium | Toluene |
|-------------|-----------------|------------------|------|------|---------|----------|-----------------|-------------|------------------|------------------|---------|---------|------|------------|---------|------------|------------------|------|-------|---------------|------|-------------|---------|--------|--------------|----------|------|--------|---------|--------|-----------|---------|
|             |                 |                  | mg/L | mg/L | mg/L    | ph units | mg/L            | degrees C   | %                | mg/L             | mg/L    | mg/L    | ug/L | ug/L       | ug/L    | ug/L       | mg/L             | ug/L | ug/L  | ug/L          | ug/L | ug/L        | ug/L    | ug/L   | ug/L         | ug/L     | ug/L | ug/L   | ug/L    | ug/L   | mg/L      | ug/L    |
| 08-07-2024  | SW-MO-NRML-5    | 3221240790701    | 1    | 13   | 0.82    | 7.7      | 0.01            | 15.2        | -                | 10.0             | <0.51   | 0.3     | <1   | <100       | <1      | <0.1       | -                | <0.1 | <0.05 | <0.1          | 5    | <10         | 60      | 26     | 17           | <1       | 9    | <0.1   | <1      | 5.5    | <1        |         |
| 08-07-2024  | SW-MO-NRML-6    | 3221240790702    | 0.6  | 10   | 0.14    | 8.09     | 0.01            | 13.0        | -                | 10.4             | 1.06    | 1       | <1   | <100       | <1      | <0.1       | -                | <0.1 | <0.05 | <0.1          | 2    | <10         | 3       | 3      | <10.0        | 1        | <1   | 2      | <0.1    | <1     | 9.8       | <1      |
| 08-07-2024  | SW-MO-NRML-7    | 3221240790703    | 2.2  | 20   | 1.93    | 7.93     | 0.21            | 15.1        | -                | 10.4             | 0.64    | 2.6     | <1   | 128        | <1      | <0.1       | -                | <0.1 | <0.05 | <0.1          | 15   | <10         | 1       | 4      | <10.0        | <1       | <1   | 1      | <0.1    | <1     | 4.7       | <1      |
| 16-08-2024  | SW-MO-NRML-5    | 3221240894101    | 0.3  | 13   | 0.01    | 7.77     | 0.01            | 14.3        | -                | 7.3              | <0.51   | 0.2     | <1   | <100       | <1      | <0.1       | -                | <0.1 | <0.05 | <0.1          | 28   | <10         | 2       | 5      | <10.0        | <1       | <1   | 2      | <0.1    | <1     | 6.2       | <1      |
| 16-08-2024  | SW-MO-NRML-6    | 3221240894102    | 0.1  | <5   | 0.14    | 8.28     | 0.02            | 14.3        | -                | 9.1              | 1.23    | 1.2     | <1   | <100       | <1      | <0.1       | -                | <0.1 | <0.05 | <0.1          | 2    | <10         | 4       | 3      | <10.0        | 1        | <1   | 2      | <0.1    | <1     | 11.1      | <1      |
| 16-08-2024  | SW-MO-NRML-7    | 3221240894103    | 2    | 8    | 0.02    | 8.13     | 0.01            | 15.2        | -                | 8.9              | 0.67    | 0.7     | <1   | <100       | <1      | <0.1       | -                | <0.1 | <0.05 | <0.1          | 7    | <10         | 1       | 3      | <10.0        | <1       | <1   | 2      | <0.1    | <1     | 4.4       | <1      |
| 19-08-2024  | SW-QT-NRML-9    | 3221240894305    | 1.2  | <5   | 0.01    | 7.92     | 0.07            | 14.1        | -                | 10.2             | <0.51   | 0.8     | <1   | <100       | <1      | <0.1       | -                | <0.1 | <0.05 | <0.1          | 5    | <10         | 1       | 2      | <10.0        | <1       | <1   | 1      | <0.1    | <1     | 3.5       | <1      |
| 23-08-2024  | SW-QT-NRML-1    | 3221240894801    | <4   | 12   | 0.06    | 7.67     | 0.06            | 14.3        | -                | 8.4              | 2.55    | 2.9     | <1   | 139        | <1      | <0.1       | -                | <0.1 | <0.05 | <0.1          | 360  | <10         | 1       | 4      | <10.0        | <1       | <1   | 3      | <0.1    | <1     | 8.7       | <1      |
| 23-08-2024  | SW-QT-NRML-2    | 3221240894802    | <4   | 22   | 0.03    | 7.67     | <0.01           | 14.8        | -                | 8.9              | 1.76    | 2.4     | <1   | 286        | <1      | <0.1       | -                | <0.1 | <0.05 | <0.1          | 9    | <10         | 1       | 3      | <10.0        | <1       | <1   | 3      | <0.1    | <1     | 2.1       | <1      |
| 23-08-2024  | SW-QT-NRML-3    | 3221240894803    | <4   | 12   | 0.13    | 7.95     | 0.01            | 14.6        | -                | 8.3              | <0.51   | 0.9     | <1   | 124        | <1      | <0.1       | -                | <0.1 | <0.05 | <0.1          | 33   | <10         | 3       | 3      | <10.0        | <1       | <1   | 5      | <0.1    | <1     | 8.6       | <1      |
| 23-08-2024  | SW-QT-NRML-8    | 3221240894804    | <4   | 19   | 0.14    | 7.59     | 0.08            | 15.1        | -                | 8.1              | 2.86    | 3.3     | <1   | 201        | <1      | <0.1       | -                | <0.1 | <0.05 | <0.1          | 230  | <10         | 2       | 3      | <10.0        | <1       | <1   | 4      | <0.1    | <1     | 10.0      | <1      |
| 30-08-2024  | SW-QT-NRML-4    | 3221240996501    | <10  | <5   | 0.05    | 8.85     | 0.02            | 17.3        | -                | 10.0             | 1.06    | 1.1     | <1   | <100       | <1      | <0.1       | -                | <0.1 | <0.05 | <0.1          | 32   | <10         | 3       | 9      | <10.0        | <1       | <1   | 3      | <0.1    | <1     | 18.3      | <1      |
| 09-09-2024  | SW-MO-NRML-5    | 3221240996501    | 0.7  | 5    | 0.04    | 7.82     | 0.02            | 13.2        | -                | 9.7              | <0.51   | 0.4     | <1   | <100       | <1      | <0.1       | -                | <0.1 | <0.05 | <0.1          | 3    | <10         | 1       | <2     | <10.0        | <1       | <1   | 1      | <0.1    | <1     | 7.2       | <1      |
| 09-09-2024  | SW-MO-NRML-6    | 3221240996502    | 0.4  | 6    | 0.14    | 8.29     | 0.01            | 13.5        | -                | 10.2             | 0.94    | 0.9     | <1   | <100       | <1      | <0.1       | -                | <0.1 | <0.05 | <0.1          | 2    | <10         | 3       | 3      | <10.0        | 1        | <1   | 2      | <0.1    | <1     | 10.8      | <1      |
| 09-09-2024  | SW-MO-NRML-7    | 3221240996503    | 0.7  | <5   | 0.05    | 8.13     | 0.02            | 12.9        | -                | 10.3             | 0.56    | 0.6     | <1   | <100       | <1      | <0.1       | -                | <0.1 | <0.05 | <0.1          | 5    | <10         | 1       | 2      | <10.0        | <1       | <1   | 1      | <0.1    | <1     | 3.8       | <1      |

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| Sample Date | Sample Location | Report Reference | BOD  | COD  | Ammonia | pH       | Ortho-phosphate | Temperature | Dissolved Oxygen | Dissolved Oxygen | Nitrate | Total N | TPH  | Detergent | Benzene | Anthracene | n-Propylene Glycol | PAH   | PCB   | Benzo a pyrene | Zinc | Chromium VI | Arsenic | Copper | Chromium III | Chromium VI | Lead | Nickel | Phenols | Xylene | Potassium | Toluene |    |
|-------------|-----------------|------------------|------|------|---------|----------|-----------------|-------------|------------------|------------------|---------|---------|------|-----------|---------|------------|--------------------|-------|-------|----------------|------|-------------|---------|--------|--------------|-------------|------|--------|---------|--------|-----------|---------|----|
|             |                 |                  | mg/L | mg/L | mg/L    | pH units | mg/L            | degrees C   | %                | mg/L             | mg/L    | mg/L    | ug/L | ug/L      | ug/L    | ug/L       | mg/L               | ug/L  | ug/L  | ug/L           | ug/L | ug/L        | ug/L    | ug/L   | ug/L         | ug/L        | ug/L | ug/L   | ug/L    | ug/L   | ug/L      | ug/L    |    |
| 08-04-2024  | SW-MO-NRML-5    | 32212-040815-01  | 0.5  | 9    | 0.04    | 7.71     | 0.01            | 9.5         | 10.2             | 1.05             | 1.5     | <2      | 81   | <1        | <0.2    | <0.2       | <0.1               | <0.1  | <0.2  | 24             | <10  | 1           | 3       | <10.0  | <1           | <1          | 1    | <0.2   | <1      |        |           |         |    |
| 08-04-2024  | SW-MO-NRML-6    | 32212-040815-02  | 0.7  | 8    | 0.07    | 7.91     | <0.01           | 9.4         | 10.5             | 1.03             | 1.2     | <1      | 231  | <1        | <0.1    | <0.1       | <0.1               | <0.05 | <0.1  | <0.05          | <0.1 | 23          | <10     | 2      | 3            | <10.0       | 1    | <1     | 3       | <0.1   | <1        |         |    |
| 08-04-2024  | SW-MO-NRML-7    | 32212-040815-03  | 1.5  | 11   | 0.08    | 7.82     | 0.01            | 9.4         | 10.2             | 1.59             | 2       | <1      | 79   | <1        | <0.1    | <0.1       | <0.1               | <0.05 | <0.1  | <0.05          | <0.1 | 34          | <10     | 1      | 5            | <10.0       | 1    | 1      | 2       | <0.1   | 13        |         |    |
| 26-04-2024  | SW-OT-NRML-9    | 32212-040831-04  | 1.1  | 10   | 0.05    | 8.2      | 0.04            | 12          | 10.2             | 4.81             | 4       | <1      | 1194 | <1        | <0.1    | <0.1       | <0.1               | <0.05 | <0.1  | <0.05          | <0.1 | 7           | <10     | 1      | 3            | <10         | <1   | <1     | 3       | <0.1   | <1        |         |    |
| 29-04-2024  | SW-OT-NRML-1    | 32212-040833-01  | 1.1  | 41   | 0.04    | 7.89     | 0.01            | 10.2        | 10.2             | 0.64             | 0.8     | <1      | 129  | <1        | <0.1    | <0.1       | <0.05              | <0.1  | <0.05 | <0.1           | 30   | <10         | 1       | 3      | <10.0        | 1           | <1   | 6      | <0.1    | <1     |           |         |    |
| 29-04-2024  | SW-OT-NRML-2    | 32212-040833-02  | 0.4  | 16   | 0.05    | 7.27     | <0.01           | 10.1        | 10               | <0.51            | 0.4     | <1      | 118  | <1        | <0.1    | <0.1       | <0.05              | <0.1  | <0.05 | <0.1           | 14   | <10         | 1       | <2     | <10.0        | <1          | <1   | 3      | <0.1    | <1     |           |         |    |
| 29-04-2024  | SW-OT-NRML-3    | 32212-040833-03  | 0.3  | 14   | 0.02    | 7.64     | 0.01            | 10.4        | 10               | <0.51            | 0.7     | <1      | 167  | <1        | <0.1    | <0.1       | <0.05              | <0.1  | <0.05 | <0.1           | 33   | <10         | 2       | 2      | <10.0        | <1          | <1   | 4      | <0.1    | <1     |           |         |    |
| 29-04-2024  | SW-OT-NRML-4    | 32212-040833-04  | 0.8  | 33   | 0.03    | 7.91     | 0.01            | 10.1        | 10.3             | 0.81             | 0.8     | <1      | 129  | <1        | <0.1    | <0.1       | <0.05              | <0.1  | <0.05 | <0.1           | 16   | <10         | 1       | 5      | <10.0        | 1           | <1   | 4      | <0.1    | <1     |           |         |    |
| 29-04-2024  | SW-OT-NRML-8    | 32212-040833-05  | 0.4  | 36   | 0.03    | 7.66     | 0.01            | 9.8         | 10.2             | 0.89             | 0.8     | <2      | 131  | <1        | <0.2    | <0.1       | <0.1               | <0.2  | <0.1  | <0.1           | 13   | <10         | 1       | 3      | <10.0        | <1          | <1   | 4      | <0.2    | <1     |           |         |    |
| 13-05-2024  | SW-MO-NRML-6    | 32212-040954-01  | 1.5  | 21   | 0.07    | 7.63     | <0.01           | 11.5        | 10               | 1.03             | 0.9     | <1      | <100 | <1        | <0.1    | <0.1       | <0.1               | <0.05 | <0.1  | <0.05          | <0.1 | 10          | <10     | 1      | 3            | <10.0       | <1   | <1     | 1       | <0.1   | <1        | 3.5     | <1 |
| 13-05-2024  | SW-MO-NRML-6    | 32212-040954-02  | 0.8  | 9    | 0.16    | 8.08     | 0.01            | 10.7        | 10.1             | 1.03             | 1.1     | <1      | <100 | <1        | <0.1    | <0.1       | <0.1               | <0.05 | <0.1  | <0.05          | <0.1 | 17          | <10     | 4      | 3            | <10.0       | 1    | <1     | 3       | <0.1   | <1        | 8.4     | <1 |
| 13-05-2024  | SW-MO-NRML-7    | 32212-040954-03  | 3    | 46   | 0.25    | 7.75     | 0.01            | 11.8        | 9.9              | 1.26             | 1.2     | <1      | 399  | <1        | <0.1    | <0.1       | <0.1               | <0.05 | <0.1  | <0.05          | <0.1 | 54          | <10     | 1      | 23           | <10.0       | 2    | 1      | 3       | <0.1   | <1        | 5.1     | <1 |
| 10-06-2024  | SW-MO-NRML-5    | 32212-040681-01  | 1.8  | 32   | 0.01    | 7.66     | <0.01           | 12.3        | 9.5              | <0.51            | 0.5     | <1      | <100 | <1        | <0.1    | <0.1       | <0.1               | <0.05 | <0.1  | <0.05          | <0.1 | 10          | <10     | 1      | 2            | <10         | <1   | <1     | 1       | <0.1   | <1        | 4.4     | <1 |
| 10-06-2024  | SW-MO-NRML-6    | 32212-040681-02  | 3.3  | 7    | 0.16    | 8.05     | 0.01            | 12.4        | 9.4              | 1.21             | 1.2     | <1      | <100 | <1        | <0.1    | <0.1       | <0.1               | <0.05 | <0.1  | <0.05          | <0.1 | 5           | <10     | 4      | 2            | <10         | 1    | <1     | 2       | <0.1   | <1        | 10.6    | <1 |
| 10-06-2024  | SW-MO-NRML-7    | 32212-040681-03  | 0.6  | 19   | 0.02    | 7.95     | 0.01            | 13.2        | 9.6              | 0.98             | 0.8     | <1      | <100 | <1        | <0.1    | <0.1       | <0.1               | <0.05 | <0.1  | <0.05          | <0.1 | 13          | <10     | 1      | 4            | <10         | 1    | <1     | 2       | <0.1   | <1        | 4.3     | <1 |

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| Sample Date | Sample Location | Report Reference | BOD<br>mg/L | COD<br>mg/L | Ammonia<br>mg/L | pH   | Ortho phosphat<br>e |      | Temperat<br>ure<br>degrees C | Dissolved<br>Oxygen<br>% | Dissolved Oxygen<br>mg/L | Nitrate<br>mg/L | Total N<br>mg/L | TPH<br>ug/L | Detergent<br>% | Benzene<br>mg/L | Anthracene<br>ug/L | Propylen<br>e Glycol<br>mg/L | PAH<br>ug/L | PCB<br>ug/L | Benzo a<br>pyrene<br>ug/L | Zinc<br>ug/L | Chromiu<br>m VI<br>ug/L | Arsenic<br>ug/L | Copper<br>ug/L | Chromiu<br>m III<br>ug/L | Chromiu<br>m<br>ug/L | Lead<br>ug/L | Nickel<br>ug/L | Phenols<br>ug/L | Xylene<br>ug/L | Petastiu<br>m<br>mg/L | Toluene<br>mg/L |
|-------------|-----------------|------------------|-------------|-------------|-----------------|------|---------------------|------|------------------------------|--------------------------|--------------------------|-----------------|-----------------|-------------|----------------|-----------------|--------------------|------------------------------|-------------|-------------|---------------------------|--------------|-------------------------|-----------------|----------------|--------------------------|----------------------|--------------|----------------|-----------------|----------------|-----------------------|-----------------|
|             |                 |                  |             |             |                 |      | mg/L                | mg/L |                              |                          |                          |                 |                 |             |                |                 |                    |                              |             |             |                           |              |                         |                 |                |                          |                      |              |                |                 |                |                       |                 |
| 02-01-2024  | SW-MQ-NRML-5    | 3221/718/01      | 1.5         | 6           | 0.03            | 7.68 | 0.02                | 9.3  |                              |                          | 10.2                     | 2.99            | 2.2             | <1          | 260            | <1              | <0.1               | <2.0                         | <0.1        | <0.05       | <0.1                      | 17           | <10                     | 1               | 3              | <10.0                    | 1                    | 1            | 3              | <0.1            | <1             | 4.5                   | <1              |
| 02-01-2024  | SW-MQ-NRML-6    | 3221/718/02      | 1.6         | 14          | 0.22            | 7.82 | 0.01                | 9    |                              |                          | 10.3                     | 0.83            | 1               | <1          | 337            | <1              | <0.1               | <2.0                         | <0.1        | <0.05       | <0.1                      | 5            | <10                     | 2               | 6              | <10.0                    | 2                    | 1            | 4              | <0.1            | <1             | 5.5                   | <1              |
| 02-01-2024  | SW-MQ-NRML-7    | 3221/718/03      | 1.8         | 17          | 0.05            | 7.81 | 0.03                | 9    |                              |                          | 10.2                     | 1.62            | 1.7             | <1          | 102            | <1              | <0.1               | <2.0                         | <0.1        | <0.05       | <0.1                      | 10           | <10                     | 1               | 4              | <10.0                    | 1                    | 1            | 3              | <0.1            | <1             | 4.8                   | <1              |
| 08/01/2024  | NRML-5 - Extra  | 3221/723/02      | 2.8         | 19          |                 |      |                     |      |                              |                          |                          |                 |                 |             |                |                 |                    |                              |             |             |                           |              |                         |                 |                |                          |                      |              |                |                 |                | 5                     |                 |
| 08/01/2024  | NRML-6 - Extra  | 3221/723/04      | 6           | 28          |                 |      |                     |      |                              |                          |                          |                 |                 |             |                |                 |                    |                              |             |             |                           |              |                         |                 |                |                          |                      |              |                |                 |                | 2.1                   |                 |
| 08/01/2024  | NRML-7 - Extra  | 3221/723/01      | 5.6         | 22          |                 |      |                     |      |                              |                          |                          |                 |                 |             |                |                 |                    |                              |             |             |                           |              |                         |                 |                |                          |                      |              |                |                 |                | 7.6                   |                 |
| 19-01-2024  | SW-QT-NRML-1    | 3221/740/01      | <4          | 7           | 0.03            | 7.86 | 0.04                | 7.7  |                              |                          | 10.4                     | 0.75            | 0.8             | <1          | 104            | <1              | <0.1               | <2.0                         |             | <0.05       | <0.1                      | 27           | <10                     | 1               | 2              | <10.0                    | <1                   | <1           | 4              | <0.1            | <1             | 2.6                   | <1              |
| 19-01-2024  | SW-QT-NRML-2    | 3221/740/02      | 0.4         | 13          | 0.04            | 7.29 | 0.01                | 9    |                              |                          | 7.7                      | 0.82            | 0.6             | <1          | 215            | <1              | <0.1               | <10.0                        |             | <0.05       | <0.1                      | 13           | <10                     | 1               | <2             | <10.0                    | <1                   | <1           | 2              | <0.1            | <1             | 1.9                   | <1              |
| 19-01-2024  | SW-QT-NRML-3    | 3221/740/03      | 0.02        | 10          | 0.03            | 7.85 | 0.08                | 7.8  |                              |                          | 10.9                     | 0.6             | 0.5             | <1          | <50            | <1              | <0.1               | <2.0                         |             | <0.05       | <0.1                      | 4            | <10                     | <1              | <2             | <10.0                    | <1                   | <1           | 1              | <0.1            | <1             | 3.3                   | <1              |
| 19-01-2024  | SW-QT-NRML-4    | 3221/740/04      | 0.3         | <5          | 0.03            | 7.96 | 0.03                | 8.8  |                              |                          | 10.2                     | 1.69            | 1.1             | <1          | 87             | <1              | <0.1               | <2.0                         |             | <0.05       | <0.1                      | 10           | <10                     | 1               | 5              | <10.0                    | 1                    | <1           | 1              | <0.1            | <1             | 4.8                   | <1              |
| 22-01-2024  | SW-MQ-NRML-8    | 3221/744/05      | 0.1         | 9           | 0.03            | 7.77 | 0.03                | 8.8  |                              |                          | 10.3                     | 1.9             | 1.8             | <1          | 439            | <1              | <0.1               | <10.0                        |             | <0.05       | <0.1                      | 16           | <10                     | 1               | 3              | <10.0                    | <1                   | <1           | 3              | <0.1            | <1             | 4.3                   | <1              |
| 22-01-2024  | SW-QT-NRML-9    | 3221/744/04      | 2.1         | 10          | 0.07            | 7.92 | 0.05                | 6.9  |                              |                          | 10.2                     | 3.59            | 3.6             | <1          | 158            | <1              | <0.1               | <10.0                        |             | <0.05       | <0.1                      | 12           | <10                     | 1               | 3              | <10.0                    | <1                   | <1           | 1              | <0.1            | <1             | 12.9                  | <1              |
| 25/01/2024  | NRML-5 - Extra  | 3221/745/02      | 8           | 25          |                 |      |                     |      |                              |                          |                          |                 |                 |             |                |                 |                    |                              |             |             |                           |              |                         |                 |                |                          |                      |              |                |                 |                | 44.5                  |                 |
| 25/01/2024  | NRML-6 - Extra  | 3221/745/03      | 9           | 25          |                 |      |                     |      |                              |                          |                          |                 |                 |             |                |                 |                    |                              |             |             |                           |              |                         |                 |                |                          |                      |              |                |                 |                | 58.1                  |                 |
| 31/01/2024  | NRML-5 - Extra  | 3221/753/02      | 0.5         | 8           |                 |      |                     |      |                              |                          |                          |                 |                 |             |                |                 |                    |                              |             |             |                           |              |                         |                 |                |                          |                      |              |                |                 |                | 40.9                  |                 |
| 31/01/2024  | NRML-6 - Extra  | 3221/753/03      | 3           | 16          |                 |      |                     |      |                              |                          |                          |                 |                 |             |                |                 |                    |                              |             |             |                           |              |                         |                 |                |                          |                      |              |                |                 |                | 8.6                   |                 |
| 31/01/2024  | NRML-7 - Extra  | 3221/753/04      | 0.8         | 10          |                 |      |                     |      |                              |                          |                          |                 |                 |             |                |                 |                    |                              |             |             |                           |              |                         |                 |                |                          |                      |              |                |                 |                | 14.7                  |                 |
| 19-02-2024  | SW-MQ-NRML-5    | 3221/769/01      | <2          | 11          | 0.19            | 7.62 | 0.02                | 9.1  |                              |                          | 10.3                     | 3.11            | 2.2             | <1          | <50            | <1              | <0.1               | <2.0                         | <0.1        | <0.05       | <0.1                      | 29           | <10                     | 1               | 3              | <10.0                    | <1                   | 1            | 2              | <0.1            | <1             | 5.5                   | <1              |
| 09-02-2024  | SW-MQ-NRML-6    | 3221/759/04      | 4.3         | 23          | 0.04            | 8.15 | <0.01               | 7.3  |                              |                          | 10.5                     | <0.51           | 1.8             | <1          | 131            | <1              | <0.1               | <2.0                         | <0.1        | <0.05       | <0.1                      | 28           | <10                     | 2               | 7              | <10.0                    | 2                    | 2            | 4              | <0.1            | <1             | 6.6                   | <1              |
| 09-02-2024  | SW-MQ-NRML-7    | 3221/759/05      | 3.3         | 14          | 0.03            | 7.82 | <0.01               | 7.7  |                              |                          | 10.5                     | 1.15            | 0.4             | <1          | 333            | <1              | <0.1               | <2.0                         | <0.1        | <0.05       | <0.1                      | 32           | <10                     | 1               | 6              | <10.0                    | 1                    | 2            | 3              | <0.1            | <1             | 7                     | <1              |
| 11-03-2024  | SW-MQ-NRML-5    | 3221/790/01      | 1.3         | 8           | 0.02            | 7.63 | 0.04                | 7.9  |                              |                          | 10.2                     | 3.15            | 2.9             | <4          | 71             | <1              | <0.4               | <2.0                         | <0.4        | <0.2        | <0.4                      | 9            | <10                     | 1               | 2              | <10.0                    | <1                   | <1           | 1              | <0.4            | <1             | 4.7                   | <1              |
| 11-03-2024  | SW-MQ-NRML-6    | 3221/790/02      | 0.5         | 13          | 0.06            | 7.93 | 0.04                | 8.2  |                              |                          | 10.9                     | 1.43            | 1.4             | <1          | 69             | <1              | <0.1               | <2.0                         | <0.1        | <0.05       | <0.1                      | 9            | <10                     | 2               | 3              | <10.0                    | 1                    | <1           | 3              | <0.1            | <1             | 9.4                   | <1              |
| 11-03-2024  | SW-MQ-NRML-7    | 3221/790/03      | 3.5         | 18          | 0.08            | 7.83 | 0.04                | 8.5  |                              |                          | 10                       | 2.53            | 2.5             | <1          | <50            | <1              | <0.1               | <2.0                         | <0.1        | <0.05       | <0.1                      | 17           | <10                     | 1               | 3              | <10.0                    | 1                    | <1           | 2              | <0.1            | 35             | 5.5                   | 128             |

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| Sample Date | Sample Location | Report Reference | BOD  | COD  | Ammonia | pH       | Ortho phosphate | Temperature | Dissolved Oxygen | Dissolved Oxygen | Nitrate | Total N | TPH  | Detergents | Benzene | Anthracene | Propylene Glycol | PAH  | PCB   | Benzo a pyrene | Zinc | Chromium VI | Arsenic | Copper | Chromium III | Chromium | Lead | Nickel | Phenols | Xylene | Potassium | Toluene |
|-------------|-----------------|------------------|------|------|---------|----------|-----------------|-------------|------------------|------------------|---------|---------|------|------------|---------|------------|------------------|------|-------|----------------|------|-------------|---------|--------|--------------|----------|------|--------|---------|--------|-----------|---------|
|             |                 |                  | mg/L | mg/L | mg/L    | pH units | mg/L            | degrees C   | %                | mg/L             | mg/L    | mg/L    | mg/L | ug/L       | ug/L    | ug/L       | ug/L             | ug/L | mg/L  | ug/L           | ug/L | ug/L        | ug/L    | ug/L   | ug/L         | ug/L     | ug/L | ug/L   | ug/L    | ug/L   | ug/L      | mg/L    |
| 06/10/2023  | SW-MO-SW-NRML-5 | 3221/642/01      | 0.9  | 24   | 0.02    | 7.74     | 0.02            | 15.7        |                  | 9.8              | 1.81    | 1.8     | <1   | 106        | <1      | <0.1       |                  |      | <0.05 | <0.1           | 9    | <10         | 1       | 2      | <10          | <1       | <1   | 2      | <0.1    | <1     | 4.6       | <1      |
| 06/10/2023  | SW-MO-SW-NRML-6 | 3221/642/02      | 1.1  | 15   | 0.07    | 8.2      | 0.01            | 15.4        |                  | 10.2             | 1.42    | 1.6     | <1   | 73         | <1      | <0.1       |                  |      | <0.05 | <0.1           | 6    | <10         | 2       | 5      | <10          | 4        | <1   | 3      | <0.1    | <1     | 10.5      | <1      |
| 06/10/2023  | SW-MO-SW-NRML-7 | 3221/642/03      | 1.3  | 16   | 0.04    | 8        | 0.03            | 16.7        |                  | 11               | 1.78    | 1.8     | <1   | 147        | <1      | <0.1       |                  |      | <0.05 | <0.1           | 10   | <10         | 1       | 4      | <10          | 1        | <1   | 3      | <0.1    | <1     | 6.4       | <1      |
| 09/10/2023  | SW-QT-SW-NRML9  | 3221/644/02      | 0.6  | <5   | 0.03    | 8.02     | 0.04            |             | 95.6             |                  |         | 3.9     |      |            |         |            |                  |      |       |                |      |             |         |        |              |          |      |        |         |        |           |         |
| 23/10/2023  | SW-QT-NRML-1    | 3221/658/01      | 0.9  | 24   | 0.02    | 7.54     | 0.04            | 12.6        |                  | 10.7             | 0.62    | 0.9     | <1   | 180        | <1      | <0.1       | <2.0             |      | <0.05 | <0.1           | 31   | <10         | 2       | 5      | <10          | 1        | <1   | 7      | <0.1    | <1     | 3.5       | <1      |
| 23/10/2023  | SW-QT-NRML-2    | 3221/658/02      | 0.7  | <5   | 0.02    | 7.34     | 0.06            | 12.7        |                  | 10.3             | 0.79    | 0.9     | <1   | 85         | <1      | <0.1       | <2.0             |      | <0.05 | <0.1           | 9    | <10         | 1       | 2      | <10          | <1       | <1   | 3      | <0.1    | <1     | 3         | <1      |
| 23/10/2023  | SW-QT-NRML-3    | 3221/658/03      | 1.2  | 9    | 0.02    | 7.53     | 0.04            | 13.7        |                  | 10.6             | 0.95    | 0.9     | <1   | 53         | <1      | <0.1       | <2.0             |      | <0.05 | <0.1           | 9    | <10         | 1       | 2      | <10          | 1        | <1   | 3      | <0.1    | <1     | 6.3       | <1      |
| 23/10/2023  | SW-QT-NRML-4    | 3221/658/04      | 1.1  | 17   | 0.01    | 7.7      | 0.03            | 13.1        |                  | 10.4             | 0.96    | 0.9     | <1   | 82         | <1      | <0.1       | <2.0             |      | <0.05 | <0.1           | 2    | <10         | 1       | 4      | <10          | 1        | <1   | 5      | <0.1    | <1     | 6         | <1      |
| 23/10/2023  | SW-QT-NRML-8    | 3221/658/05      | 1    | 14   | 0.02    | 7.67     | 0.04            | 13.4        |                  | 10.6             | 1.56    | 1.4     | <1   | 213        | <1      | <0.1       | <2.0             |      | <0.05 | <0.1           | 10   | <10         | 1       | 5      | <10          | 1        | <1   | 6      | <0.1    | <1     | 5.6       | <1      |
| 13/11/2023  | SW-MO-NRML-5    | 3221/675/01      | 1.9  | 26   | 0.01    | 7.64     | 0.07            | 10.1        |                  | 10.6             | <0.51   | 0.8     | <1   | 146        | <1      | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 18   | <10         | 1       | 5      | <10          | 1        | 1    | 3      | <0.1    | <1     | 3.7       | <1      |
| 13/11/2023  | SW-MO-NRML-6    | 3221/675/02      | 3.1  | 22   | 0.02    | 8.1      | <0.01           | 10.4        |                  | 10.8             | <0.51   | 0.5     | <1   | 160        | <1      | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 7    | <10         | 1       | 6      | <10          | 1        | 1    | 3      | <0.1    | <1     | 4         | <1      |
| 13/11/2023  | SW-MO-NRML-7    | 3221/675/04      | 2.6  | 24   | 0.02    | 7.88     | <0.01           | 10.2        |                  | 10.7             | <0.51   | 0.6     | <1   | 627        | <1      | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 12   | <10         | 1       | 6      | <10          | 1        | 1    | 3      | <0.1    | <1     | 3.6       | <1      |
| 04/12/2023  | NRML-5 extra    | 3221/696/05      | 4    | 23   |         |          |                 |             |                  |                  |         |         |      |            |         |            | <2.0             |      |       |                |      |             |         |        |              |          |      |        |         |        | 14        |         |
| 04/12/2023  | NRML-6 extra    | 3221/696/06      | 4    | 22   |         |          |                 |             |                  |                  |         |         |      |            |         |            | <2.0             |      |       |                |      |             |         |        |              |          |      |        |         |        | 7.1       |         |
| 04/12/2023  | NRML-7 extra    | 3221/696/03      | 4    | 17   |         |          |                 |             |                  |                  |         |         |      |            |         |            | <2.0             |      |       |                |      |             |         |        |              |          |      |        |         |        | 10.8      |         |
| 08/12/2023  | SW-MO-NRML-5    | 3221/701/01      | 0.8  | <5   | 0.03    | 7.6      | 0.02            | 10.1        |                  | 10.8             | 1.84    | 1.8     | <1   | 186        | <1      | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 14   | <10         | 1       | 2      | <10          | <1       | <1   | 5      | <0.1    | <1     | 12        | <1      |
| 08/12/2023  | SW-MO-NRML-6    | 3221/701/02      | 2.7  | 11   | 0.04    | 7.86     | <0.01           | 9.7         |                  | 10.3             | <0.51   | 0.8     | <1   | 3023       | <1      | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 7    | <10         | 1       | 5      | <10          | 1        | <1   | 9      | <0.1    | <1     | 15.2      | <1      |
| 08/12/2023  | SW-MO-NRML-7    | 3221/701/03      | 0.6  | 6    | 0.04    | 7.8      | 0.01            | 9.4         |                  | 10.6             | 1.2     | 1.3     | <1   | 73         | <1      | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 17   | <10         | 1       | 4      | <10          | 1        | <1   | 10     | <0.1    | <1     | 13.3      | <1      |

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| Sample Date | Sample Location | Report Reference | BOD  | COD  | Ammonia | pH    | Ortho-phosphate | Temperature | Dissolved Oxygen | Dissolved Oxygen | Nitrate | Total N | TPH  | Detergents | Benzene | Anthracene | Propylene Glycol | PAH  | PCB   | Benzo a pyrene | Zinc | Chromium VI | Arsenic | Copper | Chromium III | Chromium | Lead | Nickel | Phenols | Xylene | Potassium | Toluene |      |
|-------------|-----------------|------------------|------|------|---------|-------|-----------------|-------------|------------------|------------------|---------|---------|------|------------|---------|------------|------------------|------|-------|----------------|------|-------------|---------|--------|--------------|----------|------|--------|---------|--------|-----------|---------|------|
| mg/L        | mg/L            |                  | mg/L | mg/L | mg/L    | units | mg/L            | degrees C   | %                | mg/L             | mg/L    | mg/L    | mg/L | ug/L       | ug/L    | ug/L       | mg/L             | ug/L | ug/L  | ug/L           | ug/L | ug/L        | ug/L    | ug/L   | ug/L         | ug/L     | ug/L | ug/L   | ug/L    | ug/L   | ug/L      | ug/L    | ug/L |
| 10/07/2023  | SW-MO-NRML-5    | 3221/573/01      | 1.6  | 7    | 0.02    | 7.63  | 0.02            | 14.9        |                  | 10.1             | <0.51   | 0.3     | <1   | 102        | <1      | <0.1       |                  |      | <0.05 | <0.1           | 38   | <10         | 2       | 5      | <10          |          | 2    | 2      | <0.1    | <1     | 8.6       | <1      |      |
| 10/07/2023  | SW-MO-NRML-6    | 3221/573/02      | 1.4  | 29   | 0.01    | 7.87  | 0.03            | 14.8        |                  | 10               | 1.24    | 1.3     | <1   | 51         | <1      | <0.1       |                  |      | <0.05 | <0.1           | 10   | <10         | 1       | 8      | <10          |          | <1   | 1      | <0.1    | <1     | 10.6      | <1      |      |
| 10/07/2023  | SW-MO-NRML-7    | 3221/573/03      | 1.3  | 11   | 0.01    | 7.88  | 0.03            | 14.6        |                  | 10.1             | <0.51   | 0.4     | <1   | 69         | <1      | <0.1       |                  |      | <0.05 | <0.1           | 10   | <10         | 1       | 6      | <10          |          | <1   | 1      | <0.1    | <1     | 8.9       | <1      |      |
| 31/07/2023  | SW-QT-NRML-1    | 3221/588/01      | 0.7  | 21   | 0.11    | 7.53  | 0.02            | 14.7        |                  | 9.9              | 1.11    | 1.5     | <1   | 355        | <1      | <0.1       |                  |      | <0.05 | <0.1           | 95   | <10         | 2       | 7      | <10          | 1        | <1   | 8      | <0.1    | <1     | 5         | <1      |      |
| 31/07/2023  | SW-QT-NRML-2    | 3221/588/02      | 0.6  | 7    | 0.11    | 7.24  | 0.01            | 14.2        |                  | 9.6              | 0.95    | 0.9     | <1   | 433        | <1      | <0.1       |                  |      | <0.05 | <0.1           | 23   | <10         | 1       | 3      | <10          | 1        | 1    | 3      | <0.1    | <1     | 4.2       | <1      |      |
| 31/07/2023  | SW-QT-NRML-3    | 3221/588/03      | 0.6  | 15   | 0.06    | 7.53  | 0.01            | 14.3        |                  | 9.7              | 0.72    | 0.8     | <1   | 749        | <1      | <0.1       |                  |      | <0.05 | <0.1           | 46   | <10         | 2       | 4      | <10          | <1       | 5    | <0.1   | <1      | 9.1    | <1        |         |      |
| 31/07/2023  | SW-QT-NRML-4    | 3221/588/04      | 0.6  | 8    | 0.08    | 7.95  | 0.01            | 15.5        |                  | 10               | 1.65    | 1.5     | <1   | 504        | <1      | <0.1       |                  |      | <0.05 | <0.1           | 14   | <10         | 1       | 7      | <10          | 1        | <1   | 7      | <0.1    | <1     | 9.2       | <1      |      |
| 31/07/2023  | SW-QT-NRML-8    | 3221/588/05      | 0.8  | 18   | 0.07    | 7.57  | 0.02            | 15.2        |                  | 9.7              | 2.55    | 2.3     | <1   | 199        | <1      | <0.1       |                  |      | <0.05 | <0.1           | 26   | <10         | 1       | 6      | <10          | 3        | <1   | 7      | <0.1    | <1     | 6         | <1      |      |
| 21/08/2023  | SW-MO-NRML-5    | 3221/604/01      | 0.6  | 13   | 0.02    | 7.35  | 0.01            | 16.4        |                  | 9.2              | 1.49    | 1.5     | <1   | <50        | <1      | <0.1       |                  |      | <0.05 | <0.1           | 11   | <10         | 1       | 3      | <10          | <1       | <1   | 2      | <0.1    | <1     | 4.9       | <1      |      |
| 21/08/2023  | SW-MO-NRML-6    | 3221/604/02      | 0.9  | 15   | 0.07    | 8     | 0.01            | 16.6        |                  | 9.9              | 1.69    | 2       | <1   | <50        | <1      | <0.1       |                  |      | <0.05 | <0.1           | 4    | <10         | 2       | 5      | <10          | 3        | <1   | 4      | <0.1    | <1     | 9.6       | <1      |      |
| 21/08/2023  | SW-MO-NRML-7    | 3221/604/03      | 0.9  | 13   | 0.11    | 7.95  | 0.01            | 16          |                  | 9.8              | 1.82    | 1.4     | <1   | <50        | <1      | <0.1       |                  |      | <0.05 | <0.1           | 5    | <10         | 1       | 4      | <10          | 2        | <1   | 3      | <0.1    | <1     | 6.6       | <1      |      |
| 08/09/2023  | SW-QT-NRML-9    | 3221/615/01      | 1.3  | 36   | 0.02    | 8.4   | 0.03            | 17.4        |                  | 9                | 2.25    | 2.1     | <1   | <50        | <1      | <0.1       |                  |      | <0.05 | <0.1           | 4    | <10         | 1       | 3      | <10          | <1       | <1   | 3      | <0.1    | <1     | 4.8       | <1      |      |
| 11/09/2023  | SW-MO-NRML-5    | 3221/620/01      | 0.7  | <5   | 0.03    | 7.58  | <0.01           | 15          |                  | 8.9              | 0.96    | 0.9     | <1   | <50        | <1      | <0.1       |                  |      | <0.05 | <0.1           | 32   | <10         | 1       | 2      | <10          | <1       | 2    | <0.1   | <1      | 5.3    | <1        |         |      |
| 11/09/2023  | SW-MO-NRML-6    | 3221/620/02      | 0.9  | 9    | 0.16    | 8.04  | <0.01           | 15.1        |                  | 9.6              | 1.41    | 1.6     | <1   | 255        | <1      | <0.1       |                  |      | <0.05 | <0.1           | 6    | <10         | 2       | 4      | <10          | 2        | <1   | 3      | <0.1    | <1     | 11.5      | <1      |      |
| 11/09/2023  | SW-MO-NRML-7    | 3221/620/03      | 1.4  | 6    | 0.15    | 7.87  | 0.01            | 15.8        |                  | 9.2              | 2.87    | 2.8     | <1   | <50        | <1      | <0.1       |                  |      | <0.05 | <0.1           | 20   | <10         | 1       | 3      | <10          | 1        | <1   | 4      | <0.1    | <1     | 7         | <1      |      |

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| Sample Date | Sample Location | Report Reference | BOD  | COD  | Ammonia | pH   | Ortho phosphate | Temperature | Dissolved Oxygen % | Dissolved Oxygen | Nitrate | Total N | TPH  | Detergents | Benzene | Anthracene | Propylene Glycol | PAH   | PCB  | Benzo a pyrene | Zinc | Chromium VI | Arsenic | Copper | Chromium III | Chromium | Lead | Nickel | Phenols | Xylene | Potassium | Toluene |
|-------------|-----------------|------------------|------|------|---------|------|-----------------|-------------|--------------------|------------------|---------|---------|------|------------|---------|------------|------------------|-------|------|----------------|------|-------------|---------|--------|--------------|----------|------|--------|---------|--------|-----------|---------|
|             |                 |                  | mg/L | mg/L | mg/L    |      | mg/L            | degrees C   | %                  | mg/L             | mg/L    | mg/L    | µg/L | µg/L       | µg/L    | µg/L       | mg/L             | µg/L  | µg/L | µg/L           | µg/L | µg/L        | µg/L    | µg/L   | µg/L         | µg/L     | µg/L | µg/L   | µg/L    | µg/L   | mg/L      | µg/L    |
| 07/04/2023  | SW-MO-NRML-5    | 3221/488/01      | 1.1  | 16   | 0.02    | 7.84 | 0.01            | 10.1        |                    | 8                | 3.4     | 2.9     | <1   | 156        | <1      | <0.1       | <2.0             | <0.05 | <0.1 | 30             | <10  | 1           | 3       | <10    |              | <1       | 2    | <0.1   | <1      | 6.9    | <1        |         |
| 07/04/2023  | SW-MO-NRML-6    | 3221/489/02      | 1.5  | 20   | 0.11    | 8.32 | 0.01            | 10.4        |                    | 8.3              | 1.75    | 4.6     | <1   | <50        | <1      | <0.1       | <2.0             | <0.05 | <0.1 | 11             | <10  | 2           | 6       | <10    |              | <1       | 4    | <0.1   | <1      | 14     | <1        |         |
| 07/04/2023  | SW-MO-NRML-7    | 3221/489/03      | 0.7  | 24   | 0.07    | 7.94 | 0.01            | 11.2        |                    | 7.8              | 2.82    | 4.6     | <1   | <50        | <1      | <0.1       | <2.0             | <0.05 | <0.1 | 20             | <10  | 1           | 4       | <10    |              | <1       | 3    | <0.1   | <1      | 8.7    | <1        |         |
| 11/04/2023  | SW-QF-NRML-8    | 3221/499/01      | 0.6  | <5   | 0.03    | 7.75 | 0.01            | 9.8         |                    | 8.2              | 3.23    | 2.6     | <1   | 129        | <1      | <0.1       | <20.0            | <0.05 | <0.1 | 21             | <10  | 1           | 4       | <10    | 2            | <1       | 6    | <0.1   | <1      | 4.7    | <1        |         |
| 11/04/2023  | SW-QF-NRML-9    | 3221/499/02      | 0.9  | <5   | 0.04    | 7.99 | 0.03            | 9.5         |                    | 8.2              | 5.26    | 5.6     | <1   | 87         | <1      | <0.1       | <20.0            | <0.05 | <0.1 | 17             | <10  | 1           | 3       | <10    | <1           | <1       | 2    | <0.1   | <1      | 4.7    | <1        |         |
| 05/05/2023  | SW-MO-NRML-5    | 3221/522/01      | 0.6  | 6    | 0.01    | 7.59 | <0.01           | 11.7        |                    | 1                | 1.69    | 1.6     | <1   | <50        | <1      | <0.1       | <2.0             | <0.05 | <0.1 | 9              | <10  | 1           | 2       | <10    |              | <1       | 2    | <0.1   | <1      | 5.5    | <1        |         |
| 05/05/2023  | SW-MO-NRML-6    | 3221/522/02      | 1.5  | 9    | 0.01    | 8.03 | 0.01            | 12.8        |                    | 10               | 1.34    | 1.3     | <1   | <50        | <1      | <0.1       | <2.0             | <0.05 | <0.1 | 18             | <10  | 2           | 6       | <10    |              | <1       | 4    | <0.1   | <1      | 10.7   | <1        |         |
| 05/05/2023  | SW-MO-NRML-7    | 3221/522/03      | 1    | 10   | 0.02    | 7.83 | 0.01            | 11.4        |                    | 10.1             | 1.5     | 1.4     | <1   | <50        | <1      | <0.1       | <2.0             | <0.05 | <0.1 | 81             | <10  | 11          | 41      | <100   | <10          | 25       | <0.1 | <1     | 7       | <1     |           |         |
| 12/05/2023  | SW-QF-NRML-1    | 3221/527/01      | 1    | <5   | 0.02    | 7.38 | 0.01            | 11.5        |                    | 10.8             | 0.79    | 1.2     | <1   | 191        | <1      | <0.1       | <20.0            | <0.05 | <0.1 | 33             | <10  | 1           | 6       | <10    |              | <1       | 8    | <0.1   | <1      | 3.9    | <1        |         |
| 12/05/2023  | SW-QF-NRML-2    | 3221/527/02      | 1.5  | <5   | 0.01    | 7.34 | 0.01            | 11.3        |                    | 10.7             | <0.51   | 0.7     | <1   | 153        | <1      | <0.1       | <20.0            | <0.05 | <0.1 | 8              | <10  | 1           | 2       | <10    |              | <1       | 3    | <0.1   | <1      | 2.8    | <1        |         |
| 12/05/2023  | SW-QF-NRML-3    | 3221/527/03      | 1.1  | <5   | 0.01    | 7.38 | 0.01            | 11.4        |                    | 10.9             | <0.51   | 0.9     | <1   | 201        | <1      | <0.1       | <20.0            | <0.05 | <0.1 | 38             | <10  | 2           | 4       | <10    |              | <1       | 5    | <0.1   | <1      | 7.6    | <1        |         |
| 12/05/2023  | SW-QF-NRML-4    | 3221/527/04      | 1.5  | <5   | 0.01    | 7.61 | 0.01            | 12          |                    | 10.9             | 1.27    | 1.6     | <1   | <50        | <1      | <0.1       | <20.0            | <0.05 | <0.1 | 4              | <10  | 1           | 5       | <10    |              | <1       | 5    | <0.1   | <1      | 7.7    | <1        |         |
| 09/06/2023  | SW-MO-NRML-5    | 3221/546/01      | 0.2  | 12   | 0.04    | 7.37 | 0.01            | 12.8        |                    | 7.7              | <0.51   | 0.7     | <1   | <50        | <1      | <0.1       | <20.0            | <0.05 | <0.1 | 10             | 14   | 1           | 2       | <10    |              | <1       | 2    | <0.1   | <1      | 4.8    | <1        |         |
| 09/06/2023  | SW-MO-NRML-6    | 3221/546/02      | <10  | 47   | 4.05    | 7.57 | 0.02            | 13.5        |                    | 5                | <0.51   | 6       | <1   | 173.5      | <1      | <0.1       | <20.0            | <0.05 | <0.1 | 19             | <10  | 2           | 17      | <10    |              | <1       | 2    | 3      | 2.1     | <1     | 20        | <1      |
| 09/06/2023  | SW-MO-NRML-7    | 3221/546/03      | 0.9  | 24   | 0.27    | 7.78 | 0.06            | 12.8        |                    | 9.6              | 0.83    | 1.3     | <1   | <50        | <1      | <0.1       |                  | <0.05 | <0.1 | 23             | <10  | 1           | 12      | <10    |              | <1       | 3    | 3      | <0.1    | <1     | 4.8       | <1      |

North Runway Surface Water Monitoring - DAA Dublin

| Sample Date | Sample Location | Report Reference | BOD<br>mg/L | COD<br>mg/L | Ammonia<br>mg/L | pH   | Ortho phosphate<br>mg/L | Temperature<br>degrees C | Dissolved<br>Oxygen<br>% | Dissolved<br>Oxygen<br>mg/L | Nitrate<br>mg/L | Total N<br>mg/L | TPH<br>ug/L | Detergents<br>ug/L | Benzene<br>ug/L | Anthracene<br>ug/L | Propylene<br>Glycol<br>mg/L | PAN<br>ug/L | PCB<br>ug/L | Benz a<br>pyrene<br>ug/L | Zinc<br>ug/L | Chromium VI<br>ug/L | Arsenic<br>ug/L | Copper<br>ug/L | Chromium III<br>ug/L | Chromium<br>ug/L | Lead<br>ug/L | Nickel<br>ug/L | Phenols<br>ug/L | Xylene<br>ug/L | Potassium<br>mg/L | Toluene<br>ug/L |
|-------------|-----------------|------------------|-------------|-------------|-----------------|------|-------------------------|--------------------------|--------------------------|-----------------------------|-----------------|-----------------|-------------|--------------------|-----------------|--------------------|-----------------------------|-------------|-------------|--------------------------|--------------|---------------------|-----------------|----------------|----------------------|------------------|--------------|----------------|-----------------|----------------|-------------------|-----------------|
| 01/01/2023  | SW-QT-NRML-1    | 3221/350/01      | 5           | 27          | 0.04            | 7.65 | 0.01                    | 9.7                      |                          | 9.9                         | 2.01            | 1.7             | <1          | <50                | <1              | <0.01              | <2.0                        | <0.05       | <0.05       | 23                       | <10          | 2                   | 7               | <10            | 1                    | <1               | 8            | <0.1           | <1              | 3.5            | <1                |                 |
| 01/01/2023  | SW-QT-NRML-2    | 3221/350/02      | 0.5         | 31          | 0.03            | 7.37 | 0.01                    | 9.6                      |                          | 9.1                         | 1.13            | 1.2             | <1          | <50                | <1              | <0.01              | <2.0                        | <0.05       | <0.05       | 19                       | <10          | 1                   | 2               | <10            | <1                   | <1               | 4            | <0.1           | <1              | 3              | <1                |                 |
| 01/01/2023  | SW-QT-NRML-3    | 3221/350/03      | 0.8         | 20          | 0.01            | 7.54 | 0.09                    | 9.6                      |                          | 8                           | 0.95            | 1.1             | <1          | <50                | <1              | <0.01              | <2.0                        | <0.05       | <0.05       | 31                       | <10          | 3                   | 4               | <10            | 1                    | <1               | 5            | <0.1           | <1              | 7.3            | <1                |                 |
| 01/01/2023  | SW-QT-NRML-4    | 3221/350/04      | 0.8         | 17          | 0.04            | 8.36 | 0.01                    | 9.8                      |                          | 10.2                        | 1.55            | 1.5             | <1          | <50                | <1              | <0.01              | <2.0                        | <0.05       | <0.05       | 6                        | <10          | 1                   | 4               | <10            | 5                    | <1               | 5            | <0.1           | <1              | 6.9            | <1                |                 |
| 06/01/2023  | SW-MO-NRML-5    | 3221/357/01      | 1.5         | 9           | <0.01           | 7.99 | 0.01                    | 8.5                      |                          | 10                          | 1.73            | 5.3             | <1          | <50                | <1              | <0.1               | <2.0                        | <0.05       | <0.1        | 6                        | <10          | 1                   | 2               | <10            |                      | <1               | 3            | <0.1           | <1              |                | <1                |                 |
| 06/01/2023  | SW-MO-NRML-6    | 3221/357/02      | 4.7         | 19          | 0.03            | 8.38 | <0.01                   | 9.4                      |                          | 10.1                        | 2.31            | 2               | <1          | <50                | <1              | <0.1               | 2.2                         | <0.05       | <0.1        | 4                        | <10          | 2                   | 5               | <10            |                      | <1               | 6            | <0.1           | <1              |                | <1                |                 |
| 06/01/2023  | SW-MO-NRML-7    | 3221/357/03      | 2.4         | 15          | <0.01           | 8.1  | 0.01                    | 8.9                      |                          | 9.9                         | 4.06            | 4               | <1          | <50                | <1              | <0.1               | <2.0                        | <0.05       | <0.1        | 5                        | <10          | 1                   | 3               | <10            |                      | <1               | 4            | <0.1           | <1              |                | <1                |                 |
| 06/01/2023  | SW-QTRLY-NRML-8 | 3221/357/04      | 1.5         | 10          | <0.01           | 7.8  | 0.01                    | 8.9                      |                          | 9                           | 3.86            | 3.7             | <1          | <50                | <1              | <0.1               | <2.0                        | <0.05       | <0.1        | 11                       | <10          | 2                   | 3               | <10            |                      | <1               | 5            | <0.1           | <1              |                | <1                |                 |
| 09/01/2023  | SW-QT-NRML-9    | 3221/364/01      | 5           | 6           | 0.08            | 7.99 | 0.03                    |                          |                          | 10.5                        | 1.44            | 5.1             | <1          | <50                | <1              | <0.1               | <2.0                        | <0.05       | <0.1        | 4                        | <10          | 1                   | 2               | <10            | <1                   | <1               | 3            | <0.1           | <1              | 7.1            | <1                |                 |
| 23/01/2023  | Extra NRML 5    | 3221/385/07      | <10         | 9           |                 |      |                         |                          |                          |                             |                 |                 |             |                    |                 |                    |                             |             |             |                          |              |                     |                 |                |                      |                  |              |                |                 |                | 7.1               |                 |
| 23/01/2023  | Extra NRML 6    | 3221/385/08      | <10         | 17          |                 |      |                         |                          |                          |                             |                 |                 |             |                    |                 |                    |                             |             |             |                          |              |                     |                 |                |                      |                  |              |                |                 |                | 50.9              |                 |
| 23/01/2023  | Extra NRML 7    | 3221/385/09      | <10         | 9           |                 |      |                         |                          |                          |                             |                 |                 |             |                    |                 |                    |                             |             |             |                          |              |                     |                 |                |                      |                  |              |                |                 |                | 38.3              |                 |
| 01/02/2023  | SW-MO-NRML-5    | 3221/394/01      | 0.7         | 17          | 0.04            | 7.86 | 0.02                    |                          | 9.7                      | 9.5                         | 4.6             | 4.5             | <1          | <50                | <1              | <0.1               | <2.0                        | <0.05       | <0.1        | 5                        | <10          | 2                   | <2              | <10            |                      | <1               | 3            | <0.1           | <1              | 15.9           | <1                |                 |
| 01/02/2023  | SW-MO-NRML-6    | 3221/394/02      | 1.7         | 20          | 0.12            | 8.11 | 0.01                    |                          | 9.8                      | 10                          | 1.12            | 1.3             | <1          | <50                | <1              | <0.1               | <2.0                        | <0.05       | <0.1        | 4                        | <10          | 2                   | 4               | <10            |                      | <1               | 4            | <0.1           | <1              | 15.5           | <1                |                 |
| 01/02/2023  | SW-MO-NRML-7    | 3221/394/03      | 1.1         | 14          | 0.09            | 7.97 | 0.02                    |                          | 9                        | 10.6                        | 3.38            | 3.4             | <1          | 91                 | <1              | <0.1               | <2.0                        | <0.05       | <0.1        | 3                        | <10          | 1                   | 2               | <10            |                      | <1               | 3            | <0.1           | <1              | 14.8           | <1                |                 |
| 06/03/2023  | SW-MO-NRML-5    | 3221/443/01      | <2          | 10          | 0.02            | 7.82 | 0.01                    | 7.6                      |                          | 10.4                        | 3.18            | 2.7             | <1          | <50                | <1              | <0.1               | <2.0                        | <0.05       | <0.1        | 19                       | <10          | 2                   | <2              | <10            |                      | <1               | 2            | <0.1           | <1              | 10.2           | <1                |                 |
| 06/03/2023  | SW-MO-NRML-6    | 3221/443/02      | <2          | 15          | 0.13            | 8.07 | 0.01                    | 8.8                      |                          | 10.2                        | 0.87            | 1.2             | <1          | <50                | <1              | <0.1               | <2.0                        | <0.05       | <0.1        | 16                       | <10          | 3                   | 3               | <10            |                      | <1               | 4            | <0.1           | <1              | 14.2           | <1                |                 |
| 06/03/2023  | SW-MO-NRML-7    | 3221/443/03      | <2          | 13          |                 |      |                         | 8.8                      |                          |                             |                 |                 |             |                    |                 |                    |                             |             |             |                          |              |                     |                 |                |                      |                  |              |                |                 |                | 6.1               |                 |
| 10/03/2023  | Extra NRML 5    | 3221/443/01      | <4          | 15          | 0.07            | 7.96 | 0.04                    | 7.8                      |                          | 10.4                        | 2.52            | 2.5             | <1          | 61                 | <1              | <0.1               | <2.0                        | <0.05       | <0.1        | 9                        | <10          | 1                   | 2               | <10            |                      | <1               | 2            | <0.1           | <1              |                | 29                |                 |
| 10/03/2023  | Extra NRML 6    | 3221/443/01      |             | 9           | 84              |      |                         |                          |                          |                             |                 |                 |             |                    |                 |                    |                             |             |             |                          |              |                     |                 |                |                      |                  |              |                |                 |                | 128.1             |                 |
| 10/03/2023  | Extra NRML 7    | 3221/443/01      |             | 31          | 88              |      |                         |                          |                          |                             |                 |                 |             |                    |                 |                    |                             |             |             |                          |              |                     |                 |                |                      |                  |              |                |                 |                | 35.7              |                 |
| 15/03/2023  | Extra NRML 5    | 3221/466/01      |             | 15          | 16              |      |                         |                          |                          |                             |                 |                 |             |                    |                 |                    |                             |             |             |                          |              |                     |                 |                |                      |                  |              |                |                 |                | 10.8              |                 |
| 15/03/2023  | Extra NRML 6    | 3221/467/01      |             | 18          | 14              |      |                         |                          |                          |                             |                 |                 |             |                    |                 |                    |                             |             |             |                          |              |                     |                 |                |                      |                  |              |                |                 |                | 11.5              |                 |
| 15/03/2023  | Extra NRML 7    | 3221/466/01      |             | 57          | 127             |      |                         |                          |                          |                             |                 |                 |             |                    |                 |                    |                             |             |             |                          |              |                     |                 |                |                      |                  |              |                |                 |                | 48.9              |                 |

North Runway Surface Water Monitoring - DAA Dublin

| Sample Date | Sample Location | Report Reference | BOD<br>mg/L | COD<br>mg/L | Ammonia<br>mg/L | pH<br>pH units | Ortho<br>phosphate<br>mg/L | Temperature<br>degrees C | Dissolved<br>Oxygen<br>% | Dissolved<br>Oxygen<br>mg/L | Nitrate<br>mg/L | Total N<br>mg/L | TPH<br>ug/L | Detergents<br>ug/L | Benzene<br>ug/L | Anthracene<br>ug/L | Propylene<br>Glycol<br>mg/L | PAH<br>ug/L | PCB<br>ug/L | Benzo a<br>pyrene<br>ug/L | Zinc<br>ug/L | Chromium VI<br>ug/L | Arsenic<br>ug/L | Copper<br>ug/L | Chromium III<br>ug/L | Chromium<br>ug/L | Lead<br>ug/L | Nickel<br>ug/L | Phenols<br>ug/L | Xylene<br>ug/L | Potassium<br>mg/L | Toluene<br>ug/L |       |  |
|-------------|-----------------|------------------|-------------|-------------|-----------------|----------------|----------------------------|--------------------------|--------------------------|-----------------------------|-----------------|-----------------|-------------|--------------------|-----------------|--------------------|-----------------------------|-------------|-------------|---------------------------|--------------|---------------------|-----------------|----------------|----------------------|------------------|--------------|----------------|-----------------|----------------|-------------------|-----------------|-------|--|
| 12/10/2022  | SW-QT-NRML-1    | 3221/298/01      | 0.9         | 38          | 0.04            | 7.7            | 0.01                       | 13.8                     |                          | 9.1                         | 1.92            | 2.6             | <1          | 160                | <1              | <0.01              |                             |             |             | <0.05                     | <0.01        | 43                  | <10             | 2              | 16                   | <10              | 1            | <1             | 11              | <0.1           | <1                | 5.1             | <1    |  |
| 12/10/2022  | SW-QT-NRML-2    | 3221/298/02      | 0.5         | 22          | 0.03            | 7.81           | 0.01                       | 14.1                     |                          | 9.1                         | <0.51           | 0.9             | <1          | 78                 | <1              | <0.01              |                             |             |             | <0.05                     | <0.01        | 28                  | <10             | 2              | 6                    | <10              | <1           | <1             | 4               | <0.1           | <1                | 2.8             | <1    |  |
| 12/10/2022  | SW-QT-NRML-3    | 3221/298/03      | 0.4         | 17          | 0.03            | 7.63           | 0.01                       | 14                       |                          | 7.4                         | 0.88            | 1               | <1          | 87                 | <1              | <0.01              |                             |             |             | <0.05                     | <0.01        | 68                  | <10             | 3              | 6                    | <10              | <1           | <1             | 7               | <0.1           | <1                | 10.9            | <1    |  |
| 12/10/2022  | SW-QT-NRML-4    | 3221/298/04      | 0.8         | 13          | 0.03            | 8              | 0.01                       | 14.1                     |                          | 9.6                         | 1.68            | 1.5             | <1          | 53                 | <1              | <0.01              |                             |             |             | <0.05                     | <0.01        | 22                  | <10             | 2              | 5                    | <10              | 4            | <1             | 3               | <0.1           | <1                | 8.6             | <1    |  |
| 12/10/2022  | SW-QT-NRML-8    | 3221/298/05      | 0.3         | 11          | 0.02            | 7.65           | 0.01                       | 14                       |                          | 7.6                         | 2.16            | 2               | <1          | <50                | <1              | <0.01              |                             |             |             | <0.05                     | <0.01        | 24                  | <10             | 1              | 5                    | <10              | <1           | <1             | 7               | <0.1           | <1                | 7.6             | <1    |  |
| 21/10/2022  | SW-MQ-NRML-5    | 3221/301/03      | 0.9         | <5          | 0.05            | 8.08           | 0.01                       | 13.3                     |                          | 9.2                         | 0.91            | 1               | <1          | 78                 | <1              | <0.01              | <2.0                        |             |             | <0.05                     | <0.01        | 19                  | <10             | 1              | 7                    | <10              | 2            | <1             | 6               | <0.1           | <1                | 0.6             | <1    |  |
| 21/10/2022  | SW-MQ-NRML-6    | 3221/301/04      | 1.7         | <5          | 0.1             | 8.64           | <0.01                      | 13.5                     |                          | 9.7                         | 0.68            | 0.9             | <1          | 158                | <1              | <0.01              | <20.0                       |             |             | <0.05                     | <0.01        | 13                  | <10             | 1              | 9                    | <10              | 3            | 1              | 4               | <0.1           | <1                | 0.7             | <1    |  |
| 21/10/2022  | SW-MQ-NRML-7    | 3221/301/05      | 1.2         | <5          | 0.08            | 8.35           | 0.01                       | 13.6                     |                          | 9.7                         | 0.73            | 0.9             | <1          | <50                | <1              | <0.01              | <2.0                        |             |             | <0.05                     | <0.01        | 12                  | <10             | 1              | 7                    | <10              | 3            | 1              | 3               | <0.1           | <1                | 6.6             | <1    |  |
| 01/11/2022  | SW-MQ-NRML-5    | 3221/305/01      | 0.6         | 15          | 0.05            | 7.88           | 0.01                       | 12.1                     |                          | 9.9                         | 2.11            | 2               | <1          | 189                | <1              | <0.01              | <2.0                        |             |             | <0.05                     | <0.01        | 16                  | <10             | 1              | 6                    | <10              | 1            | <1             | 5               | <0.1           | <1                | 5.4             | <1    |  |
| 01/11/2022  | SW-MQ-NRML-6    | 3221/305/02      | 1.2         | 23          | 0.16            | 8.44           | <0.01                      | 12.3                     |                          | 10.5                        | 1.52            | 1.9             | <1          | 219                | <1              | <0.01              | <2.0                        |             |             | <0.05                     | <0.01        | 7                   | <10             | 2              | 11                   | <10              | 5            | 1              | 7               | <0.1           | <1                | 8.4             | <1    |  |
| 01/11/2022  | SW-MQ-NRML-7    | 3221/305/03      | 0.7         | 20          | 0.09            | 8.4            | 0.01                       | 12.3                     |                          | 10.1                        | 1.84            | 2               | <1          | 114                | <1              | <0.01              | <2.0                        |             |             | <0.05                     | <0.01        | 11                  | <10             | 1              | 9                    | <10              | 4            | <1             | 6               | <0.1           | <1                | 6.9             | <1    |  |
| 15/11/2022  | SW-QT-NRML-9    | 3221/315/01      | 1.2         | 18          | 0.01            | 7.96           | 0.04                       |                          |                          | 9.7                         | 3.33            | 3.11            | <1          | <50                | <1              | <0.01              | <2.0                        |             |             | <0.05                     | <0.01        | 5                   | <10             | 1              | 3                    | <10              | 1            | <1             | 3               | <0.1           | <1                | 5.4             | <1    |  |
| 19/12/2022  | Extra NRML-1    | 3221/339/01      | 91          | 117         |                 |                |                            |                          |                          |                             |                 |                 |             |                    |                 |                    |                             |             |             |                           |              |                     |                 |                |                      |                  |              |                |                 |                |                   |                 | 114   |  |
| 19/12/2022  | Extra NRML-6    | 3221/339/02      | 6.2         | 6           |                 |                |                            |                          |                          |                             |                 |                 |             |                    |                 |                    |                             |             |             |                           |              |                     |                 |                |                      |                  |              |                |                 |                |                   |                 | 28.6  |  |
| 19/12/2022  | Extra NRML-7    | 3221/339/03      | 72          | 151         |                 |                |                            |                          |                          |                             |                 |                 |             |                    |                 |                    |                             |             |             |                           |              |                     |                 |                |                      |                  |              |                |                 |                |                   |                 | 113.2 |  |
| 22/12/2022  | SW-MQ-NRML-5    | 3221/343/01      | 70          | 135         | 0.07            | 7.98           | 0.01                       | 8.6                      |                          | 4.2                         | 1.03            | 0.7             | <1          | <50                | <1              | <0.01              | <2.0                        |             |             | <0.05                     | <0.01        | 14                  | <10             | 3              | 2                    | <10              | <1           | <1             | 15              | <0.1           | <1                | 140.3           | <1    |  |
| 22/12/2022  | SW-MQ-NRML-6    | 3221/343/02      | 84          | 140         | 0.14            | 8.4            | 0.01                       | 8.3                      |                          | 10.6                        | 0.79            | 0.9             | <1          | <50                | <1              | <0.01              | 26.2                        |             |             | <0.05                     | <0.01        | 9                   | <10             | 4              | 5                    | <10              | 2            | <1             | 15              | <0.1           | <1                | 102.3           | <1    |  |
| 22/12/2022  | SW-MQ-NRML-7    | 3221/343/03      | 62          | 120         | 0.01            | 8.15           | 0.01                       | 8.8                      |                          | 1.1                         | <0.51           | 0.6             | <1          | 120                | <1              | <0.01              | <20.0                       |             |             | <0.05                     | <0.01        | 59                  | <10             | 3              | 8                    | <10              | 1            | 1              | 11              | <0.1           | <1                | 109             | <1    |  |

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| Sample Date | Sample Location | Report Reference | BOD  | COD  | Ammonia | pH       | Ortho phosphate | Temperature | Dissolved Oxygen % | Dissolved Oxygen | Nitrate | Total N | TPH  | Detergents | Benzene | Anthracene | Propylene Glycol | PAH   | PCB   | Benzo a pyrene | Zinc | Chromium VI | Arsenic | Copper | Chromium III | Chromium | Lead | Nickel | Phenols | Xylene | Potassium | Toluene |
|-------------|-----------------|------------------|------|------|---------|----------|-----------------|-------------|--------------------|------------------|---------|---------|------|------------|---------|------------|------------------|-------|-------|----------------|------|-------------|---------|--------|--------------|----------|------|--------|---------|--------|-----------|---------|
|             |                 |                  | mg/L | mg/L | mg/L    | pH units | mg/L            | degrees C   |                    | mg/L             | mg/L    | mg/L    | ug/L | ug/L       | ug/L    | ug/L       | mg/L             | ug/L  | ug/L  | ug/L           | ug/L | ug/L        | ug/L    | ug/L   | ug/L         | ug/L     | ug/L | ug/L   | ug/L    | ug/L   | ug/L      | ug/L    |
| 12/07/2022  | SW-MIO-NRMAL-5  | 3221/256/01      | 1.7  | 24   | 0.03    | 7.39     | 0.01            | 15.7        |                    | 8                | <0.51   | 1.1     | <1   | 299        | <1      | <0.01      |                  | <0.01 | <0.05 | <0.01          | 18   | <10         | 1       | 2      | <10          | <1       | <1   | 2      | <0.1    | <1     | 7.9       | <1      |
| 12/07/2022  | SW-MIO-NRMAL-6  | 3221/256/02      | 3.3  | 41   | 0.07    | 7.81     | 0.01            | 15.8        |                    | 8.5              | 1.47    | 2.1     | <1   | 188        | <1      | <0.01      |                  | <0.01 | <0.05 | <0.01          | 4    | <10         | 2       | 7      | <10          | 2        | <1   | 3      | <0.1    | <1     | 15        | <1      |
| 12/07/2022  | SW-MIO-NRMAL-7  | 3221/256/03      | 2.7  | 38   | 0.05    | 7.73     | 0.02            | 15.4        |                    | 8.4              | 1.29    | 1.8     | <1   | 187        | <1      | <0.01      |                  | <0.01 | <0.05 | <0.01          | 12   | <10         | 1       | 12     | <10          | 2        | <1   | 3      | <0.1    | <1     | 9.7       | <1      |
| 17/08/2022  | SW-MIO-NRMAL-5  | 3221/274/01      | 0.8  | 6    | 0.03    | 7.69     | 0.02            | 15.9        |                    | 7.5              | <0.51   | 0.4     | <1   | 78         | <1      | <0.01      | <2.0             | <0.01 | <0.05 | <0.01          | <2   | <10         | <1      | <2     | <10          | <1       | <1   | <1     | <0.1    | <1     | 6.3       | <1      |
| 17/08/2022  | SW-MIO-NRMAL-6  | 3221/274/02      | 4.2  | 19   | 0.26    | 8.45     | 0.01            | 17.4        |                    | 9.2              | 1.02    | 1.5     | <1   | 255        | <1      | <0.01      | <2.0             | <0.01 | <0.05 | <0.01          | 13   | <10         | 1       | 10     | <10          | 2        | 1    | 2      | <0.1    | <1     | 10.9      | <1      |
| 17/08/2022  | SW-MIO-NRMAL-7  | 3221/274/03      | 3.7  | 26   | 0.16    | 8.21     | 0.02            | 16.8        |                    | 8.9              | 1.02    | 1.4     | <1   | 257        | <1      | <0.01      | <2.0             | <0.01 | <0.05 | <0.01          | 10   | <10         | 1       | 8      | <10          | 1        | 1    | 1      | <0.1    | <1     | 11.7      | <1      |
| 07/09/2022  | SW-MIO-NRMAL-5  | 3221/282/01      | 1.4  | 16   | 0.01    | 7.64     | 0.01            | 18.4        |                    | 9.1              | <0.51   | 0.7     | <1   | 64         | <1      | <0.01      | <2.0             | <0.01 | <0.05 | <0.01          | 13   | <10         | 1       | 6      | <10          | 1        | <1   | 3      | <0.1    | <1     | 4.8       | <1      |
| 07/09/2022  | SW-MIO-NRMAL-6  | 3221/282/02      | 1.8  | 18   | 0.07    | 9.05     | <0.01           | 18.4        |                    | 9.3              | <0.51   | 0.9     | <1   | 90         | <1      | <0.01      | <2.0             | <0.01 | <0.05 | <0.01          | 10   | <10         | 1       | 10     | <10          | 2        | 1    | 3      | <0.1    | <1     | 5.4       | <1      |
| 07/09/2022  | SW-MIO-NRMAL-7  | 3221/282/03      | 1.7  | 16   | 0.05    | 8.55     | 0.01            | 18.5        |                    | 9.2              | <0.51   | 0.7     | <1   | 83         | <1      | <0.01      | <2.0             | <0.01 | <0.05 | <0.01          | 11   | <10         | 1       | 8      | <10          | 2        | 1    | 3      | <0.1    | <1     | 5.2       | <1      |
| 13/09/2022  | SW-QT-NRMAL-1   | 3221/288/01      | 0.8  | 44   | 0.06    | 7.55     | 0.01            | 15.2        |                    | 9.6              | 2.33    | 2.8     | <1   | 166        | <1      | <0.01      |                  | <0.01 | <0.05 | <0.01          | 24   | <10         | 2       | 18     | <10          | 1        | <1   | 13     | <0.1    | <1     | 5.9       | <1      |
| 13/09/2022  | SW-QT-NRMAL-2   | 3221/288/02      | 1    | 35   | 0.03    | 7.39     | 0.01            | 15.7        |                    | 9.1              | 0.63    | 1.1     | <1   | 98         | <1      | <0.01      |                  | <0.01 | <0.05 | <0.01          | 26   | <10         | 1       | 11     | <10          | <1       | 1    | 7      | <0.1    | <1     | 4.2       | <1      |
| 13/09/2022  | SW-QT-NRMAL-3   | 3221/288/03      | 0.6  | 37   | 0.1     | 7.44     | 0.01            | 15          |                    | 8.7              | 0.75    | 1.1     | <1   | 93         | <1      | <0.01      |                  | <0.01 | <0.05 | <0.01          | 48   | <10         | 3       | 12     | <10          | <1       | <1   | 11     | <0.1    | <1     | 7.2       | <1      |
| 13/09/2022  | SW-QT-NRMAL-4   | 3221/288/05      | 0.8  | 19   | 0.08    | 8.62     | 0.01            | 15.9        |                    | 9.8              | 1.44    | 1.3     | <1   | 140        | <1      | <0.01      |                  | <0.01 | <0.05 | <0.01          | 21   | <10         | 2       | 6      | <10          | 6        | <1   | 4      | <0.1    | <1     | 7.4       | <1      |
| 13/09/2022  | SW-QT-NRMAL-8   | 3221/288/06      | 0.5  | 25   | 0.08    | 7.84     | 0.01            | 15.4        |                    | 8.9              | 3.05    | 2.4     | <1   | 98         | <1      | <0.01      |                  | <0.01 | <0.05 | <0.01          | 18   | <10         | 1       | 7      | <10          | 1        | <1   | 8      | <0.1    | <1     | 9.4       | <1      |
| 20/09/2022  | SW-QT-NRMAL-9   | 3221/290/01      | 1.6  | 7    | 0.67    | 7.99     | 0.08            | 14.7        |                    | 10.1             | 3.95    | 4.7     | <1   | 434        | <1      | <0.01      | <2.0             |       | <0.05 | <0.01          | 6    | <10         | 1       | 5      | <10          | <1       | <1   | 5      | <0.1    | <1     | 7.5       | <1      |

**daa Dublin - North Runway Surface Water Monitoring - Q3, 2022**

| Sample Date | Sample Location | Report Reference | BOD<br>mg/L | COD<br>mg/L | Ammonia<br>mg/L | pH   | Ortho<br>phosphate<br>mg/L | Temperature<br>degrees C | Dissolved<br>Oxygen<br>% | Dissolved<br>Oxygen<br>mg/L | Nitrate<br>mg/L | Total N<br>mg/L | TPH<br>ug/L | Detergents<br>ug/L | Benzene<br>ug/L | Anthracene<br>ug/L | Propylene<br>Glycol<br>mg/L | PAH<br>ug/L | PCB<br>ug/L | Benzo<br>a<br>pyrene<br>ug/L | Zinc<br>ug/L | Chromium VI<br>ug/L | Arsenic<br>ug/L | Copper<br>ug/L | Chromium III<br>ug/L | Chromium<br>ug/L | Lead<br>ug/L | Nickel<br>ug/L | Phenols<br>ug/L | Xylene<br>ug/L | Potassium<br>mg/L | Toluene<br>ug/L |
|-------------|-----------------|------------------|-------------|-------------|-----------------|------|----------------------------|--------------------------|--------------------------|-----------------------------|-----------------|-----------------|-------------|--------------------|-----------------|--------------------|-----------------------------|-------------|-------------|------------------------------|--------------|---------------------|-----------------|----------------|----------------------|------------------|--------------|----------------|-----------------|----------------|-------------------|-----------------|
| 12-07-2022  | SW-MO-NRML-5    | 3221/256/01      | 1.7         | 24          | 0.03            | 7.39 | 0.01                       | 15.7                     | -                        | 8                           | <0.51           | 1.1             | <1          | 299                | <1              | <0.01              | -                           | <0.01       | <0.05       | <0.01                        | 18           | <10                 | 1               | 2              | <10                  | <1               | <1           | <1             | <0.1            | <1             | 7.9               | <1              |
| 12-07-2022  | SW-MO-NRML-6    | 3221/256/02      | 3.3         | 41          | 0.07            | 7.81 | 0.01                       | 15.8                     | -                        | 8.5                         | 1.47            | 2.1             | <1          | 188                | <1              | <0.01              | -                           | <0.01       | <0.05       | <0.01                        | 4            | <10                 | 2               | 7              | <10                  | 2                | <1           | 3              | <0.1            | <1             | 15                | <1              |
| 12-07-2022  | SW-MO-NRML-7    | 3221/256/03      | 2.7         | 38          | 0.05            | 7.73 | 0.02                       | 15.4                     | -                        | 8.4                         | 1.29            | 1.8             | <1          | 187                | <1              | <0.01              | -                           | <0.01       | <0.05       | <0.01                        | 12           | <10                 | 1               | 12             | <10                  | 2                | <1           | 3              | <0.1            | <1             | 9.7               | <1              |
| 17/08/2022  | SW-MO-NRML-5    | 3221/274/01      | 0.8         | 6           | 0.03            | 7.69 | 0.02                       | 15.9                     | -                        | 7.5                         | <0.51           | 0.4             | <1          | 78                 | <1              | <0.01              | <2.0                        | <0.01       | <0.05       | <0.01                        | <2           | <10                 | <1              | <2             | <10                  | <1               | <1           | <1             | <0.1            | <1             | 6.3               | <1              |
| 17/08/2022  | SW-MO-NRML-6    | 3221/274/02      | 4.2         | 19          | 0.26            | 8.45 | 0.01                       | 17.4                     | -                        | 9.2                         | 1.02            | 1.5             | <1          | 255                | <1              | <0.01              | <2.0                        | <0.01       | <0.05       | <0.01                        | 13           | <10                 | 1               | 10             | <10                  | 2                | 1            | 2              | <0.1            | <1             | 10.9              | <1              |
| 17/08/2022  | SW-MO-NRML-7    | 3221/274/03      | 3.7         | 26          | 0.16            | 8.21 | 0.02                       | 16.8                     | -                        | 8.9                         | 1.02            | 1.4             | <1          | 257                | <1              | <0.01              | <2.0                        | <0.01       | <0.05       | <0.01                        | 10           | <10                 | 1               | 8              | <10                  | 1                | 1            | 1              | <0.1            | <1             | 11.7              | <1              |
| 07/09/2022  | SW-MO-NRML-5    | 3221/282/01      | 1.4         | 16          | 0.01            | 7.64 | 0.01                       | 18.4                     | -                        | 9.1                         | <0.51           | 0.7             | <1          | 64                 | <1              | <0.01              | <2.0                        | <0.01       | <0.05       | <0.01                        | 13           | <10                 | 1               | 6              | <10                  | 1                | <1           | 3              | <0.1            | <1             | 4.8               | <1              |
| 07/09/2022  | SW-MO-NRML-6    | 3221/282/02      | 1.8         | 18          | 0.07            | 9.05 | <0.01                      | 18.4                     | -                        | 9.3                         | <0.51           | 0.9             | <1          | 90                 | <1              | <0.01              | <2.0                        | <0.01       | <0.05       | <0.01                        | 10           | <10                 | 1               | 10             | <10                  | 2                | 1            | 3              | <0.1            | <1             | 5.4               | <1              |
| 07/09/2022  | SW-MO-NRML-7    | 3221/282/03      | 1.7         | 16          | 0.05            | 8.55 | 0.01                       | 18.5                     | -                        | 9.2                         | <0.51           | 0.7             | <1          | 83                 | <1              | <0.01              | <2.0                        | <0.01       | <0.05       | <0.01                        | 11           | <10                 | 1               | 8              | <10                  | 2                | 1            | 3              | <0.1            | <1             | 5.2               | <1              |
| 13/09/2022  | SW-QT-NRML-1    | 3221/288/01      | 0.8         | 44          | 0.06            | 7.55 | 0.01                       | 15.2                     | -                        | 8.6                         | 2.38            | 2.8             | <1          | 166                | <1              | <0.01              | -                           | <0.01       | <0.05       | <0.01                        | 24           | <10                 | 2               | 18             | <10                  | 1                | <1           | 13             | <0.1            | <1             | 5.9               | <1              |
| 13/09/2022  | SW-QT-NRML-2    | 3221/288/02      | 1           | 35          | 0.03            | 7.39 | 0.01                       | 15.7                     | -                        | 9.1                         | 0.63            | 1.1             | <1          | 98                 | <1              | <0.01              | -                           | <0.01       | <0.05       | <0.01                        | 26           | <10                 | 1               | 11             | <10                  | <1               | 1            | 7              | <0.1            | <1             | 4.2               | <1              |
| 13/09/2022  | SW-QT-NRML-3    | 3221/288/03      | 0.6         | 37          | 0.1             | 7.44 | 0.01                       | 15                       | -                        | 8.7                         | 0.75            | 1.1             | <1          | 93                 | <1              | <0.01              | -                           | <0.01       | <0.05       | <0.01                        | 48           | <10                 | 3               | 12             | <10                  | <1               | <1           | 11             | <0.1            | <1             | 7.2               | <1              |
| 13/09/2022  | SW-QT-NRML-4    | 3221/288/05      | 0.8         | 19          | 0.08            | 8.62 | 0.01                       | 15.9                     | -                        | 9.8                         | 1.44            | 1.3             | <1          | 140                | <1              | <0.01              | -                           | <0.01       | <0.05       | <0.01                        | 21           | <10                 | 2               | 6              | <10                  | 6                | <1           | 4              | <0.1            | <1             | 7.4               | <1              |
| 13/09/2022  | SW-QT-NRML-8    | 3221/288/06      | 0.5         | 25          | 0.08            | 7.84 | 0.01                       | 15.4                     | -                        | 8.9                         | 3.05            | 2.4             | <1          | 98                 | <1              | <0.01              | -                           | <0.01       | <0.05       | <0.01                        | 18           | <10                 | 1               | 7              | <10                  | 1                | <1           | 8              | <0.1            | <1             | 9.4               | <1              |
| 20/09/2022  | SW-QT-NRML-9    | 3221/290/01      | 1.6         | 7           | 0.67            | 7.99 | 0.08                       | 14.7                     | -                        | 10.1                        | 3.96            | 4.7             | <1          | 434                | <1              | <0.01              | <2.0                        | -           | <0.05       | <0.01                        | 6            | <10                 | 1               | 5              | <10                  | <1               | <1           | 5              | <0.1            | <1             | 7.5               | <1              |

**daa Dublin - North Runway Surface Water Monitoring - Q4, 2022**

| Sample Date | Sample Location | Report Reference | BOD<br>mg/L | COD<br>mg/L | Ammonia<br>mg/L | pH   | Ortho<br>phosphate<br>mg/L | Temperature<br>degrees C | Dissolved<br>Oxygen<br>% | Dissolved<br>Oxygen<br>mg/L | Nitrate<br>mg/L | Total N<br>mg/L | TPH<br>ug/L | Detergents<br>ug/L | Benzene<br>ug/L | Anthracene<br>ug/L | Propylene<br>Glycol<br>mg/L | PAH<br>ug/L | PCB<br>ug/L | Benzo<br>a<br>pyrene<br>ug/L | Zinc<br>ug/L | Chromium VI<br>ug/L | Arsenic<br>ug/L | Copper<br>ug/L | Chromium III<br>ug/L | Chromium<br>ug/L | Lead<br>ug/L | Nickel<br>ug/L | Phenols<br>ug/L | Xylene<br>ug/L | Potassium<br>mg/L | Toluene<br>ug/L |   |
|-------------|-----------------|------------------|-------------|-------------|-----------------|------|----------------------------|--------------------------|--------------------------|-----------------------------|-----------------|-----------------|-------------|--------------------|-----------------|--------------------|-----------------------------|-------------|-------------|------------------------------|--------------|---------------------|-----------------|----------------|----------------------|------------------|--------------|----------------|-----------------|----------------|-------------------|-----------------|---|
| 12/10/2022  | SW-QT-NRML-1    | 3221/298/01      | 0.9         | 38          | 0.04            | 7.7  | 0.01                       | 13.8                     | -                        | 9.1                         | 1.92            | 2.6             | <1          | 160                | <1              | <0.01              | -                           | -           | <0.05       | <0.01                        | 43           | <10                 | 2               | 16             | <10                  | 1                | <1           | 11             | <0.1            | <1             | 5.1               | <1              |   |
| 12/10/2022  | SW-QT-NRML-2    | 3221/298/02      | 0.5         | 22          | 0.03            | 7.81 | 0.01                       | 14.1                     | -                        | 9.1                         | <0.51           | 0.9             | <1          | 78                 | <1              | <0.01              | -                           | -           | <0.05       | <0.01                        | 28           | <10                 | 2               | 6              | <10                  | <1               | <1           | 4              | <0.1            | <1             | 2.8               | <1              |   |
| 12/10/2022  | SW-QT-NRML-3    | 3221/298/03      | 0.4         | 17          | 0.03            | 7.63 | 0.01                       | 14                       | -                        | 7.4                         | 0.88            | 1               | <1          | 87                 | <1              | <0.01              | -                           | -           | <0.05       | <0.01                        | 68           | <10                 | 3               | 6              | <10                  | <1               | <1           | 7              | <0.1            | <1             | 10.9              | <1              |   |
| 12/10/2022  | SW-QT-NRML-4    | 3221/298/04      | 0.8         | 13          | 0.03            | 8    | 0.01                       | 14.1                     | -                        | 9.6                         | 1.68            | 1.5             | <1          | 53                 | <1              | <0.01              | -                           | -           | <0.05       | <0.01                        | 22           | <10                 | 2               | 5              | <10                  | 4                | <1           | 3              | <0.1            | <1             | 8.6               | <1              |   |
| 12/10/2022  | SW-QT-NRML-5    | 3221/298/05      | 0.3         | 11          | 0.02            | 7.65 | 0.01                       | 14                       | -                        | 7.6                         | 2.16            | 2               | <1          | <50                | <1              | <0.01              | -                           | -           | <0.05       | <0.01                        | 24           | <10                 | 1               | 5              | <10                  | <1               | <1           | 7              | <0.1            | <1             | 7.6               | <1              |   |
| 21/10/2022  | SW-MO-NRML-5    | 3221/301/03      | 0.9         | <5          | 0.05            | 8.08 | 0.01                       | 13.5                     | -                        | 9.2                         | 0.91            | 1               | <1          | 78                 | <1              | <0.01              | <2.0                        | -           | <0.05       | <0.01                        | 19           | <10                 | 1               | 7              | <10                  | 2                | <1           | 6              | <0.1            | <1             | 9.6               | <1              |   |
| 21/10/2022  | SW-MO-NRML-6    | 3221/301/04      | 1.7         | <5          | 0.1             | 8.64 | <0.01                      | 13.3                     | -                        | 9.7                         | 0.68            | 0.9             | <1          | 158                | <1              | <0.01              | <20.0                       | -           | <0.05       | <0.01                        | 13           | <10                 | 1               | 9              | <10                  | 3                | 1            | 4              | <0.1            | <1             | 0.7               | <1              |   |
| 21/10/2022  | SW-MO-NRML-7    | 3221/301/05      | 1.2         | <5          | 0.08            | 8.35 | 0.01                       | 13.6                     | -                        | 9.7                         | 0.73            | 0.9             | <1          | <50                | <1              | <0.01              | <2.0                        | -           | <0.05       | <0.01                        | 12           | <10                 | 1               | 7              | <10                  | 3                | 1            | 3              | <0.1            | <1             | 6.6               | <1              |   |
| 01/11/2022  | SW-MO-NRML-5    | 3221/305/01      | 0.6         | 15          | 0.05            | 7.88 | 0.01                       | 12.1                     | -                        | 9.9                         | 2.11            | 2               | <1          | 189                | <1              | <0.01              | <2.0                        | -           | <0.05       | <0.01                        | 16           | <10                 | 1               | 6              | <10                  | 1                | <1           | 5              | <0.1            | <1             | 5.4               | <1              |   |
| 01/11/2022  | SW-MO-NRML-6    | 3221/305/02      | 1.2         | 23          | 0.16            | 8.44 | <0.01                      | 12.3                     | -                        | 10.5                        | 1.52            | 1.9             | <1          | 219                | <1              | <0.01              | <2.0                        | -           | <0.05       | <0.01                        | 7            | <10                 | 2               | 11             | <10                  | 5                | 1            | 7              | <0.1            | <1             | 8.4               | <1              |   |
| 01/11/2022  | SW-MO-NRML-7    | 3221/305/03      | 0.7         | 20          | 0.09            | 8.4  | 0.01                       | 12.3                     | -                        | 10.1                        | 1.84            | 2               | <1          | 114                | <1              | <0.01              | <2.0                        | -           | <0.05       | <0.01                        | 11           | <10                 | 1               | 9              | <10                  | 4                | <1           | 6              | <0.1            | <1             | 6.9               | <1              |   |
| 15/11/2022  | SW-QT-NRML-9    | 3221/315/01      | 1.2         | 18          | 0.01            | 7.96 | 0.04                       | -                        | -                        | 9.7                         | 3.33            | 3.13            | <1          | <50                | <1              | <0.01              | <2.0                        | -           | <0.05       | <0.01                        | 5            | <10                 | 1               | 3              | <10                  | 1                | <1           | 3              | <0.1            | <1             | 5.4               | <1              |   |
| 19/12/2022  | Extra NRML 5    | 3221/339/01      | 51          | 117         | -               | -    | -                          | -                        | -                        | -                           | -               | -               | -           | -                  | -               | -                  | -                           | -           | -           | -                            | -            | -                   | -               | -              | -                    | -                | -            | -              | -               | -              | -                 | 114             | - |
| 19/12/2022  | Extra NRML 6    | 3221/339/02      | 6.2         | 6           | -               | -    | -                          | -                        | -                        | -                           | -               | -               | -           | -                  | -               | -                  | -                           | -           | -           | -                            | -            | -                   | -               | -              | -                    | -                | -            | -              | -               | -              | -                 | 28.6            | - |
| 19/12/2022  | Extra NRML 7    | 3221/339/03      | 72          | 151         | -               | -    | -                          | -                        | -                        | -                           | -               | -               | -           | -                  | -               | -                  | -                           | -           | -           | -                            | -            | -                   | -               | -              | -                    | -                | -            | -              | -               | -              | -                 | 113.2           | - |
| 22/12/2022  | SW-MO-NRML-5    | 3221/343/01      | 70          | 135         | 0.07            | 7.98 | 0.01                       | 8.6                      | -                        | 4.2                         | 1.03            | 0.7             | <1          | <50                | <1              | <0.01              | <2.0                        | -           | <0.05       | <0.01                        | 14           | <10                 | 3               | 2              | <10                  | <1               | <1           | 15             | <0.1            | <1             | 140.3             | <1              |   |
| 22/12/2022  | SW-MO-NRML-6    | 3221/343/02      | 84          | 140         | 0.14            | 8.4  | 0.01                       | 8.3                      | -                        | 10.6                        | 0.79            | 0.9             | <1          | <50                | <1              | <0.01              | 26.2                        | -           | <0.05       | <0.01                        | 9            | <10                 | 4               | 5              | <10                  | 2                | <1           | 15             | <0.1            | <1             | 102.3             | <1              |   |
| 22/12/2022  | SW-MO-NRML-7    | 3221/343/03      | 62          | 120         | 0.01            | 8.15 | 0.01                       | 8.8                      | -                        | 1.1                         | <0.51           | 0.6             | <1          | 120                | <1              | <0.01              | <20.0                       | -           | <0.05       | <0.01                        | 59           | <10                 | 3               | 8              | <10                  | 1                | 1            | 11             | <0.1            | <1             | 109               | <1              |   |

**daa Dublin - North Runway Surface Water Monitoring - Q1, 2023**

| Sample Date | Sample Location | Report Reference | BOD<br>mg/L | COD<br>mg/L | Ammonia<br>mg/L | pH   | Ortho<br>phosphate<br>mg/L | Temperature<br>degrees C | Dissolved<br>Oxygen<br>% | Dissolved<br>Oxygen<br>mg/L | Nitrate<br>mg/L | Total N<br>mg/L | TPH<br>ug/L | Detergents<br>ug/L | Benzene<br>ug/L | Anthracene<br>ug/L | Propylene<br>Glycol<br>mg/L | PAH<br>ug/L | PCB<br>ug/L | Benzo<br>a<br>pyrene<br>ug/L | Zinc<br>ug/L | Chromium VI<br>ug/L | Arsenic<br>ug/L | Copper<br>ug/L | Chromium III<br>ug/L | Chromium<br>ug/L | Lead<br>ug/L | Nickel<br>ug/L | Phenols<br>ug/L | Xylene<br>ug/L | Potassium<br>mg/L | Toluene<br>ug/L |   |
|-------------|-----------------|------------------|-------------|-------------|-----------------|------|----------------------------|--------------------------|--------------------------|-----------------------------|-----------------|-----------------|-------------|--------------------|-----------------|--------------------|-----------------------------|-------------|-------------|------------------------------|--------------|---------------------|-----------------|----------------|----------------------|------------------|--------------|----------------|-----------------|----------------|-------------------|-----------------|---|
| 03/01/2023  | SW-QT-NRML-1    | 3221/355/01      | 1           | 27          | 0.04            | 7.61 | 0.01                       | 9.7                      | -                        | 9.9                         | 2.01            | 1.7             | <1          | <50                | <1              | <0.01              | <2.0                        | -           | <0.05       | <0.01                        | 23           | <10                 | 2               | 7              | <10                  | 1                | <1           | 8              | <0.1            | <1             | 3.5               | <1              |   |
| 03/01/2023  | SW-QT-NRML-2    | 3221/355/02      | 0.5         | 31          | 0.03            | 7.37 | 0.01                       | 9.6                      | -                        | 9.1                         | 1.13            | 1.2             | <1          | <50                | <1              | <0.01              | <2.0                        | -           | <0.05       | <0.01                        | 19           | <10                 | 1               | 2              | <10                  | <1               | <1           | 4              | <0.1            | <1             | 3                 | <1              |   |
| 03/01/2023  | SW-QT-NRML-3    | 3221/355/03      | 0.8         | 20          | 0.01            | 7.54 | 0.09                       | 9.6                      | -                        | 8                           | 0.95            | 1.1             | <1          | <50                | <1              | <0.01              | <2.0                        | -           | <0.05       | <0.01                        | 31           | <10                 | 3               | 4              | <10                  | 1                | <1           | 5              | <0.1            | <1             | 7.3               | <1              |   |
| 03/01/2023  | SW-QT-NRML-4    | 3221/355/04      | 0.8         | 17          | 0.04            | 8.16 | 0.01                       | 9.8                      | -                        | 10.2                        | 1.55            | 1.5             | <1          | <50                | <1              | <0.01              | <2.0                        | -           | <0.05       | <0.01                        | 6            | <10                 | 1               | 4              | <10                  | 5                | <1           | 5              | <0.1            | <1             | 6.9               | <1              |   |
| 06/01/2023  | SW-MO-NRML-5    | 3221/357/01      | 1.5         | 9           | <0.01           | 7.99 | 0.01                       | 8.5                      | -                        | 10                          | 5.73            | 5.3             | <1          | <50                | <1              | <0.1               | <2.0                        | -           | <0.05       | <0.1                         | 6            | <10                 | 1               | 2              | <10                  | <10              | <1           | 3              | <0.1            | <1             | -                 | <1              |   |
| 06/01/2023  | SW-MO-NRML-6    | 3221/357/02      | 4.7         | 19          | 0.03            | 8.18 | <0.01                      | 9.4                      | -                        | 10.1                        | 2.31            | 2               | <1          | <50                | <1              | <0.1               | 2.2                         | -           | <0.05       | <0.1                         | 4            | <10                 | 2               | 5              | <10                  | <10              | <1           | 6              | <0.1            | <1             | -                 | <1              |   |
| 06/01/2023  | SW-QT-NRML-7    | 3221/357/03      | 2.4         | 15          | <0.01           | 8.1  | 0.01                       | 8.9                      | -                        | 9.9                         | 4.06            | 4               | <1          | <50                | <1              | <0.1               | <2.0                        | -           | <0.05       | <0.1                         | 5            | <10                 | 1               | 3              | <10                  | <10              | <1           | 4              | <0.1            | <1             | -                 | <1              |   |
| 06/01/2023  | SW-QTRLY-NRML-8 | 3221/357/04      | 1.5         | 10          | <0.01           | 7.8  | 0.01                       | 9.1                      | -                        | 10                          | 3.86            | 3.7             | <1          | <50                | <1              | <0.1               | <2.0                        | -           | <0.05       | <0.1                         | 11           | <10                 | 2               | 2              | <10                  | <10              | <1           | 5              | <0.1            | <1             | -                 | <1              |   |
| 09/01/2023  | SW-QT-NRML-9    | 3221/364/03      | 1           | 6           | 0.08            | 7.99 | 0.03                       | -                        | -                        | 10.5                        | 5.44            | 5.1             | <1          | <50                | <1              | <0.1               | <2.0                        | -           | <0.05       | <0.1                         | 4            | <10                 | 1               | 2              | <10                  | <1               | <1           | 3              | <0.1            | <1             | 7.1               | <1              |   |
| 23/01/2023  | Extra NRML-6    | 3221/385/07      | <10         | 9           | -               | -    | -                          | -                        | -                        | -                           | -               | -               | -           | -                  | -               | -                  | -                           | -           | -           | -                            | -            | -                   | -               | -              | -                    | -                | -            | -              | -               | -              | -                 | 50.9            | - |
| 23/01/2023  | Extra NRML-6    | 3221/385/08      | <40         | 17          | -               | -    | -                          | -                        | -                        | -                           | -               | -               | -           | -                  | -               | -                  | -                           | -           | -           | -                            | -            | -                   | -               | -              | -                    | -                | -            | -              | -               | -              | -                 | 25.7            | - |
| 23/01/2023  | Extra NRML-7    | 3221/385/09      | <10         | 9           | -               | -    | -                          | -                        | -                        | -                           | -               | -               | -           | -                  | -               | -                  | -                           | -           | -           | -                            | -            | -                   | -               | -              | -                    | -                | -            | -              | -               | -              | -                 | 38.3            | - |
| 03/02/2023  | SW-MO-NRML-5    | 3221/394/01      | 0.7         | 17          | 0.04            | 7.86 | 0.02                       | 9.7                      | -                        | 9.5                         | 4.6             | 4.5             | <1          | <50                | <1              | <0.1               | <2.0                        | -           | <0.05       | <0.1                         | 5            | <10                 | 2               | <2             | <10                  | <10              | <1           | 3              | <0.1            | <1             | 15.9              | <1              |   |
| 03/02/2023  | SW-MO-NRML-6    | 3221/394/02      | 1.7         | 20          | 0.12            | 8.13 | 0.01                       | 9.8                      | -                        | 10                          | 1.12            | 1.3             | <1          | <50                | <1              | <0.1               | <2.0                        | -           | <0.05       | <0.1                         | 4            | <10                 | 2               | 4              | <10                  | <10              | <1           | 4              | <0.1            | <1             | 12.5              | <1              |   |
| 03/02/2023  | SW-MO-NRML-7    | 3221/394/03      | 1.1         | 14          | 0.01            | 7.97 | 0.01                       | 9.6                      | -                        | 9.3                         | 3.38            | 3.4             | <1          | <50                | <1              | <0.1               | <2.0                        | -           | <0.05       | <0.1                         | 3            | <10                 | 1               | 3              | <10                  | <10              | <1           | 3              | <0.1            | <1             | 14.8              | <1              |   |
| 06/03/2023  | SW-MO-NRML-5    | 3221/435/01      | <2          | 10          | 0.02            | 7.82 | 0.01                       | 7.6                      | -                        | 10.4                        | 3.18            | 3.1             | <1          | <50                | <1              | <0.1               | <2.0                        | -           | <0.05       | <0.1                         | 19           | <10                 | 2               | <2             | <10                  | <10              | <1           | 2              | <0.1            | <1             | 10.7              | <1              |   |
| 06/03/2023  | SW-MO-NRML-6    | 3221/435/02      | <2          | 15          | 0.13            | 8.07 | 0.01                       | 7.8                      | -                        | 10.2                        | 0.87            | 1.2             | <1          | <50                | <1              | <0.1               | <2.0                        | -           | <0.05       | <0.1                         | 16           | <10                 | 3               | 3              | <10                  | <10              | <1           | 4              | <0.1            | <1             | 14.2              | <1              |   |
| 06/03/2023  | SW-MO-NRML-7    | 3221/435/03      | <2          | 13          | 0.07            | 7.96 | 0.04                       | 7.8                      | -                        | 10.4                        | 2.52            | 2.5             | <1          | 61                 | <1              | <0.1               | <2.0                        | -           | <0.05       | <0.1                         | 9            | <10                 | 1               | 2              | <10                  | <10              | <1           | 2              | <0.1            | <1             | 6.1               | <1              |   |
| 10/03/2023  | Extra NRML-5    | 3221/438/01      | <4          | 15          | -               | -    | -                          | -                        | -                        | -                           | -               | -               | -           | -                  | -               | -                  | -                           | -           | -           | -                            | -            | -                   | -               | -              | -                    | -                | -            | -              | -               | -              | 29                | -               |   |
| 10/03/2023  | Extra NRML-6    | 3221/439/01      | 9           | 84          | -               | -    | -                          | -                        | -                        | -                           | -               | -               | -           | -                  | -               | -                  | -                           | -           | -           | -                            | -            | -                   | -               | -              | -                    | -                | -            | -              | -               | -              | 128.1             | -               |   |
| 10/03/2023  | Extra NRML-7    | 3221/437/01      | 31          | 88          | -               | -    | -                          | -                        | -                        | -                           | -               | -               | -           | -                  | -               | -                  | -                           | -           | -           | -                            | -            | -                   | -               | -              | -                    | -                | -            | -              | -               | -              | 35.7              | -               |   |
| 15/03/2023  | Extra NRML-5    | 3221/466/01      | 1.5         | 16          | -               | -    | -                          | -                        | -                        | -                           | -               | -               | -           | -                  | -               | -                  | -                           | -           | -           | -                            | -            | -                   | -               | -              | -                    | -                | -            | -              | -               | -              | 10.8              | -               |   |
| 15/03/2023  | Extra NRML-6    | 3221/467/01      | 1.8         | 14          | -               | -    | -                          | -                        | -                        | -                           | -               | -               | -           | -                  | -               | -                  | -                           | -           | -           | -                            | -            | -                   | -               | -              | -                    | -                | -            | -              | -               | -              | 11.5              | -               |   |
| 15/03/2023  | Extra NRML-7    | 3221/464/01      | 57          | 127         | -               | -    | -                          | -                        | -                        | -                           | -               | -               | -           | -                  | -               | -                  | -                           | -           | -           | -                            | -            | -                   | -               | -              | -                    | -                | -            | -              | -               | -              | 48.9              | -               |   |

**daa Dublin - North Runway Surface Water Monitoring - Q2, 2023**

| Sample Date | Sample Location | Report Reference | BOD<br>mg/L | COD<br>mg/L | Ammonia<br>mg/L | pH<br>pH units | Ortho<br>phosphate<br>mg/L | Temperature<br>degrees C | Dissolved<br>Oxygen<br>% | Dissolved<br>Oxygen<br>mg/L | Nitrate<br>mg/L | Total N<br>mg/L | TPH<br>ug/L | Detergents<br>ug/L | Benzene<br>ug/L | Anthracene<br>ug/L | Propylene<br>Glycol<br>mg/L | PAH<br>ug/L | PCB<br>ug/L | Benzo a<br>pyrene<br>ug/L | Zinc<br>ug/L | Chromium VI<br>ug/L | Arsenic<br>ug/L | Copper<br>ug/L | Chromium III<br>ug/L | Chromium<br>ug/L | Lead<br>ug/L | Nickel<br>ug/L | Phenols<br>ug/L | Xylene<br>ug/L | Potassium<br>mg/L | Toluene<br>ug/L |
|-------------|-----------------|------------------|-------------|-------------|-----------------|----------------|----------------------------|--------------------------|--------------------------|-----------------------------|-----------------|-----------------|-------------|--------------------|-----------------|--------------------|-----------------------------|-------------|-------------|---------------------------|--------------|---------------------|-----------------|----------------|----------------------|------------------|--------------|----------------|-----------------|----------------|-------------------|-----------------|
| 07/04/2023  | SW-MO-NRML-5    | 3221/489/01      | 1.1         | 16          | 0.02            | 7.84           | 0.01                       | 10.1                     | -                        | 8                           | 3.4             | 2.9             | <1          | 156                | <1              | <0.1               | <2.0                        | -           | <0.05       | <0.1                      | 30           | <10                 | 1               | 3              | <10                  | -                | <1           | 4              | <0.1            | <1             | 6.9               | <1              |
| 07/04/2023  | SW-MO-NRML-6    | 3221/489/02      | 1.1         | 20          | 0.11            | 8.12           | 0.01                       | 10.4                     | -                        | 8.3                         | 1.71            | 4.6             | <1          | <50                | <1              | <0.1               | <2.0                        | -           | <0.05       | <0.1                      | 11           | <10                 | 2               | 6              | <10                  | -                | <1           | 4              | <0.1            | <1             | 14.0              | <1              |
| 07/04/2023  | SW-MO-NRML-7    | 3221/489/03      | 0.7         | 24          | 0.07            | 7.94           | 0.01                       | 11.2                     | -                        | 7.8                         | 2.82            | 4.6             | <1          | <50                | <1              | <0.1               | <2.0                        | -           | <0.05       | <0.1                      | 20           | <10                 | 1               | 4              | <10                  | -                | <1           | 3              | <0.1            | <1             | 8.7               | <1              |
| 11/04/2023  | SW-QT-NRML-8    | 3221/499/01      | 0.6         | <5          | 0.03            | 7.71           | 0.01                       | 9.8                      | -                        | 8.2                         | 3.23            | 2.6             | <1          | 129                | <1              | <0.1               | <20.0                       | -           | <0.05       | <0.1                      | 21           | <10                 | 1               | 4              | <10                  | 2                | <1           | 6              | <0.1            | <1             | 4.7               | <1              |
| 11/04/2023  | SW-QT-NRML-9    | 3221/499/02      | 0.9         | <5          | 0.04            | 7.99           | 0.03                       | 9.5                      | -                        | 8.2                         | 5.26            | 5.6             | <1          | 87                 | <1              | <0.1               | <20.0                       | -           | <0.05       | <0.1                      | 17           | <10                 | 1               | 3              | <10                  | <1               | <1           | 2              | <0.1            | <1             | 4.7               | <1              |
| 05/05/2023  | SW-MO-NRML-5    | 3221/522/01      | 0.6         | 6           | 0.01            | 7.59           | <0.01                      | 11.7                     | -                        | 1                           | 1.69            | 1.6             | <1          | <50                | <1              | <0.1               | <2.0                        | -           | <0.05       | <0.1                      | 9            | <10                 | 1               | 2              | <10                  | -                | <1           | 2              | <0.1            | <1             | 5.5               | <1              |
| 05/05/2023  | SW-MO-NRML-6    | 3221/522/02      | 1.1         | 9           | 0.01            | 8.03           | 0.01                       | 12.8                     | -                        | 10                          | 1.24            | 1.3             | <1          | <50                | <1              | <0.1               | <2.0                        | -           | <0.05       | <0.1                      | 18           | <10                 | 2               | 6              | <10                  | -                | <1           | 4              | <0.1            | <1             | 10.7              | <1              |
| 05/05/2023  | SW-MO-NRML-7    | 3221/522/03      | 1           | 10          | 0.02            | 7.83           | 0.01                       | 11.4                     | -                        | 10.1                        | 1.5             | 1.4             | <1          | <50                | <1              | <0.1               | <2.0                        | -           | <0.05       | <0.1                      | 81           | <10                 | 11              | 41             | <100                 | -                | <10          | 25             | <0.1            | <1             | 7.0               | <1              |
| 12/05/2023  | SW-QT-NRML-1    | 3221/527/01      | 1           | <5          | 0.02            | 7.38           | 0.01                       | 11.5                     | -                        | 10.8                        | 0.73            | 1.2             | <1          | 191                | <1              | <0.1               | <20.0                       | -           | <0.05       | <0.1                      | 33           | <10                 | 1               | 6              | <10                  | -                | <1           | 8              | <0.1            | <1             | 3.9               | <1              |
| 12/05/2023  | SW-QT-NRML-2    | 3221/527/02      | 1.5         | <5          | 0.01            | 7.34           | 0.01                       | 11.3                     | -                        | 10.7                        | <0.51           | 0.7             | <1          | 153                | <1              | <0.1               | <20.0                       | -           | <0.05       | <0.1                      | 8            | <10                 | 1               | 2              | <10                  | -                | <1           | 3              | <0.1            | <1             | 2.8               | <1              |
| 12/05/2023  | SW-QT-NRML-3    | 3221/527/03      | 1.1         | <5          | 0.01            | 7.38           | 0.01                       | 11.4                     | -                        | 10.9                        | <0.51           | 0.9             | <1          | 201                | <1              | <0.1               | <20.0                       | -           | <0.05       | <0.1                      | 38           | <10                 | 2               | 4              | <10                  | -                | <1           | 5              | <0.1            | <1             | 7.6               | <1              |
| 12/05/2023  | SW-QT-NRML-4    | 3221/527/04      | 1.1         | <5          | 0.01            | 7.63           | 0.01                       | 12                       | -                        | 10.9                        | 1.27            | 1.6             | <1          | <50                | <1              | <0.1               | <20.0                       | -           | <0.05       | <0.1                      | 4            | <10                 | 1               | 5              | <10                  | -                | <1           | 5              | <0.1            | <1             | 7.7               | <1              |
| 09/06/2023  | SW-MO-NRML-5    | 3221/546/01      | 0.2         | 12          | 0.04            | 7.37           | 0.01                       | 12.8                     | -                        | 7.7                         | <0.51           | 0.7             | <1          | <50                | <1              | <0.1               | -                           | -           | <0.05       | <0.1                      | 10           | 14                  | 1               | 2              | <10                  | -                | <1           | 2              | <0.1            | <1             | 4.8               | <1              |
| 09/06/2023  | SW-MO-NRML-6    | 3221/546/02      | <10         | 47          | 4.05            | 7.57           | 0.02                       | 13.5                     | -                        | 5                           | <0.51           | 6               | <1          | 173.5              | <1              | <0.1               | -                           | -           | <0.05       | <0.1                      | 19           | <10                 | 2               | 17             | <10                  | -                | 2            | 3              | 2.1             | <1             | 20.0              | <1              |
| 09/06/2023  | SW-MO-NRML-7    | 3221/546/03      | 0.9         | 24          | 0.27            | 7.78           | 0.06                       | 12.8                     | -                        | 9.6                         | 0.83            | 1.3             | <1          | <50                | <1              | <0.1               | -                           | -           | <0.05       | <0.1                      | 23           | <10                 | 1               | 12             | <10                  | -                | 3            | 3              | <0.1            | <1             | 4.8               | <1              |

**daa Dublin - North Runway Surface Water Monitoring - Q3, 2023**

| Sample Date | Sample Location | Report Reference | BOD<br>mg/L | COD<br>mg/L | Ammonia<br>mg/L | pH<br>pH units | Ortho<br>phosphate<br>mg/L | Temperature<br>degrees C | Dissolved<br>Oxygen<br>% | Dissolved<br>Oxygen<br>mg/L | Nitrate<br>mg/L | Total N<br>mg/L | TPH<br>ug/L | Detergents<br>ug/L | Benzene<br>ug/L | Anthracene<br>ug/L | Propylene<br>Glycol<br>mg/L | PAH<br>ug/L | PCB<br>ug/L | Benzo a<br>pyrene<br>ug/L | Zinc<br>ug/L | Chromium VI<br>ug/L | Arsenic<br>ug/L | Copper<br>ug/L | Chromium III<br>ug/L | Chromium<br>ug/L | Lead<br>ug/L | Nickel<br>ug/L | Phenols<br>ug/L | Xylene<br>ug/L | Potassium<br>mg/L | Toluene<br>ug/L |
|-------------|-----------------|------------------|-------------|-------------|-----------------|----------------|----------------------------|--------------------------|--------------------------|-----------------------------|-----------------|-----------------|-------------|--------------------|-----------------|--------------------|-----------------------------|-------------|-------------|---------------------------|--------------|---------------------|-----------------|----------------|----------------------|------------------|--------------|----------------|-----------------|----------------|-------------------|-----------------|
| 10/07/2023  | SW-MO-NRML-5    | 3221/573/01      | 1.6         | 7           | 0.02            | 7.63           | 0.02                       | 14.9                     | -                        | 10.1                        | <0.51           | 0.3             | <1          | 102                | <1              | <0.1               | -                           | -           | <0.05       | <0.1                      | 38           | <10                 | 2               | 5              | <10                  | -                | 2            | 2              | <0.1            | <1             | 8.6               | <1              |
| 10/07/2023  | SW-MO-NRML-6    | 3221/573/02      | 1.4         | 29          | 0.01            | 7.87           | 0.03                       | 14.8                     | -                        | 10.0                        | 1.24            | 1.3             | <1          | 51                 | <1              | <0.1               | -                           | -           | <0.05       | <0.1                      | 10           | <10                 | 1               | 8              | <10                  | -                | <1           | 1              | <0.1            | <1             | 10.3              | <1              |
| 10/07/2023  | SW-MO-NRML-7    | 3221/573/03      | 1.3         | 11          | 0.01            | 7.88           | 0.03                       | 14.6                     | -                        | 10.1                        | <0.51           | 0.4             | <1          | 69                 | <1              | <0.1               | -                           | -           | <0.05       | <0.1                      | 10           | <10                 | 1               | 6              | <10                  | -                | <1           | 1              | <0.1            | <1             | 8.9               | <1              |
| 31/07/2023  | SW-QT-NRML-1    | 3221/588/01      | 0.7         | 21          | 0.11            | 7.53           | 0.02                       | 14.7                     | -                        | 9.9                         | 1.31            | 1.5             | <1          | 355                | <1              | <0.1               | -                           | -           | <0.05       | <0.1                      | 95           | <10                 | 2               | 7              | <10                  | 1                | <1           | 8              | <0.1            | <1             | 5.0               | <1              |
| 31/07/2023  | SW-QT-NRML-2    | 3221/588/02      | 0.6         | 7           | 0.11            | 7.24           | 0.01                       | 14.2                     | -                        | 9.6                         | 0.95            | 0.9             | <1          | 433                | <1              | <0.1               | -                           | -           | <0.05       | <0.1                      | 23           | <10                 | 1               | 3              | <10                  | 1                | 1            | 3              | <0.1            | <1             | 4.2               | <1              |
| 31/07/2023  | SW-QT-NRML-3    | 3221/588/03      | 0.6         | 15          | 0.06            | 7.53           | 0.01                       | 14.3                     | -                        | 9.7                         | 0.72            | 0.8             | <1          | 749                | <1              | <0.1               | -                           | -           | <0.05       | <0.1                      | 46           | <10                 | 2               | 4              | <10                  | <1               | <1           | 5              | <0.1            | <1             | 9.1               | <1              |
| 31/07/2023  | SW-QT-NRML-4    | 3221/588/04      | 0.6         | 8           | 0.08            | 7.95           | 0.01                       | 15.5                     | -                        | 10.0                        | 1.65            | 1.5             | <1          | 554                | <1              | <0.1               | -                           | -           | <0.05       | <0.1                      | 14           | <10                 | 1               | 7              | <10                  | 1                | <1           | 7              | <0.1            | <1             | 9.2               | <1              |
| 31/07/2023  | SW-QT-NRML-8    | 3221/588/05      | 0.8         | 18          | 0.07            | 7.57           | 0.02                       | 15.2                     | -                        | 9.7                         | 2.55            | 2.3             | <1          | 199                | <1              | <0.1               | -                           | -           | <0.05       | <0.1                      | 26           | <10                 | 1               | 6              | <10                  | 3                | <1           | 7              | <0.1            | <1             | 6.0               | <1              |
| 21/08/2023  | SW-MO-NRML-5    | 3221/604/01      | 0.6         | 13          | 0.02            | 7.35           | 0.01                       | 16.4                     | -                        | 9.2                         | 1.49            | 1.5             | <1          | <50                | <1              | <0.1               | -                           | -           | <0.05       | <0.1                      | 11           | <10                 | 1               | 3              | <10                  | <1               | <1           | 2              | <0.1            | <1             | 4.9               | <1              |
| 21/08/2023  | SW-MO-NRML-6    | 3221/604/02      | 0.9         | 15          | 0.07            | 8              | 0.01                       | 16.6                     | -                        | 9.9                         | 1.69            | 2               | <1          | <50                | <1              | <0.1               | -                           | -           | <0.05       | <0.1                      | 4            | <10                 | 2               | 5              | <10                  | 3                | <1           | 4              | <0.1            | <1             | 9.6               | <1              |
| 21/08/2023  | SW-MO-NRML-7    | 3221/604/03      | 0.9         | 13          | 0.11            | 7.95           | 0.01                       | 16.0                     | -                        | 9.8                         | 1.82            | 1.4             | <1          | <50                | <1              | <0.1               | -                           | -           | <0.05       | <0.1                      | 5            | <10                 | 1               | 4              | <10                  | 2                | <1           | 3              | <0.1            | <1             | 6.6               | <1              |
| 08/09/2023  | SW-QT-NRML-9    | 3221/617/01      | 1.3         | 36          | 0.02            | 8.4            | 0.03                       | 17.4                     | -                        | 9.0                         | 2.25            | 2.1             | <1          | <50                | <1              | <0.1               | -                           | -           | <0.05       | <0.1                      | 4            | <10                 | 1               | 3              | <10                  | <1               | <1           | 3              | <0.1            | <1             | 4.8               | <1              |
| 11/09/2023  | SW-MO-NRML-5    | 3221/620/01      | 0.7         | <5          | 0.03            | 7.58           | <0.01                      | 15.0                     | -                        | 8.9                         | 0.96            | 0.9             | <1          | <50                | <1              | <0.1               | -                           | -           | <0.05       | <0.1                      | 32           | <10                 | 1               | 2              | <10                  | <1               | <1           | 2              | <0.1            | <1             | 5.3               | <1              |
| 11/09/2023  | SW-MO-NRML-6    | 3221/620/02      | 0.9         | 9           | 0.16            | 8.04           | <0.01                      | 15.1                     | -                        | 9.6                         | 1.41            | 1.6             | <1          | 255                | <1              | <0.1               | -                           | -           | <0.05       | <0.1                      | 6            | <10                 | 2               | 4              | <10                  | 2                | <1           | 3              | <0.1            | <1             | 11.5              | <1              |
| 11/09/2023  | SW-MO-NRML-7    | 3221/620/03      | 1.4         | 6           | 0.15            | 7.87           | 0.01                       | 15.8                     | -                        | 9.2                         | 2.87            | 2.8             | <1          | <50                | <1              | <0.1               | -                           | -           | <0.05       | <0.1                      | 20           | <10                 | 1               | 3              | <10                  | 1                | <1           | 4              | <0.1            | <1             | 7.0               | <1              |

**daa Dublin - North Runway Surface Water Monitoring - Q4, 2023**

| Sample Date | Sample Location | Report Reference | BOD<br>mg/L | COD<br>mg/L | Ammonia<br>mg/L | pH<br>pH units | Ortho<br>phosphate<br>mg/L | Temperature<br>degrees C | Dissolved<br>Oxygen<br>% | Dissolved<br>Oxygen<br>mg/L | Nitrate<br>mg/L | Total N<br>mg/L | TPH<br>ug/L | Detergents<br>ug/L | Benzene<br>ug/L | Anthracene<br>ug/L | Propylene<br>Glycol<br>mg/L | PAH<br>ug/L | PCB<br>ug/L | Benzo a<br>pyrene<br>ug/L | Zinc<br>ug/L | Chromium VI<br>ug/L | Arsenic<br>ug/L | Copper<br>ug/L | Chromium III<br>ug/L | Chromium<br>ug/L | Lead<br>ug/L | Nickel<br>ug/L | Phenols<br>ug/L | Xylene<br>ug/L | Potassium<br>mg/L | Toluene<br>ug/L |
|-------------|-----------------|------------------|-------------|-------------|-----------------|----------------|----------------------------|--------------------------|--------------------------|-----------------------------|-----------------|-----------------|-------------|--------------------|-----------------|--------------------|-----------------------------|-------------|-------------|---------------------------|--------------|---------------------|-----------------|----------------|----------------------|------------------|--------------|----------------|-----------------|----------------|-------------------|-----------------|
| 06/10/2023  | SW-MO-SW-NRML-5 | 3221/642/01      | 0.9         | 24          | 0.02            | 7.74           | 0.02                       | 15.7                     | -                        | 9.8                         | 1.81            | 1.8             | <1          | 106                | <1              | <0.1               | -                           | -           | <0.05       | <0.1                      | 9            | <10                 | 1               | 2              | <10                  | <1               | <1           | 2              | <0.1            | <1             | 4.6               | <1              |
| 06/10/2023  | SW-MO-SW-NRML-6 | 3221/642/02      | 1.1         | 15          | 0.07            | 8.2            | 0.01                       | 15.4                     | -                        | 10.2                        | 1.42            | 1.6             | <1          | 73                 | <1              | <0.1               | -                           | -           | <0.05       | <0.1                      | 6            | <10                 | 2               | 5              | <10                  | 4                | <1           | 3              | <0.1            | <1             | 10.5              | <1              |
| 06/10/2023  | SW-MO-SW-NRML-7 | 3221/642/03      | 1.3         | 16          | 0.04            | 8              | 0.03                       | 16.7                     | -                        | 11.0                        | 1.78            | 1.8             | <1          | 147                | <1              | <0.1               | -                           | -           | <0.05       | <0.1                      | 10           | <10                 | 1               | 4              | <10                  | 1                | <1           | 3              | <0.1            | <1             | 6.4               | <1              |
| 09/10/2023  | SW-QT-SW-NRML9  | 3221/644/02      | 0.6         | <5          | 0.03            | 8.02           | 0.04                       | -                        | 95.6                     | -                           | -               | -               | -           | -                  | -               | -                  | -                           | -           | -           | -                         | -            | -                   | -               | -              | -                    | -                | -            | -              | -               | -              | -                 | -               |
| 23/10/2023  | SW-QT-NRML-1    | 3221/658/01      | 0.9         | 24          | 0.02            | 7.54           | 0.04                       | 12.6                     | -                        | 10.7                        | 0.62            | 0.9             | <1          | 180                | <1              | <0.1               | <2.0                        | -           | <0.05       | <0.1                      | 31           | <10                 | 2               | 5              | <10                  | 1                | <1           | 7              | <0.1            | <1             | 3.5               | <1              |
| 23/10/2023  | SW-QT-NRML-2    | 3221/658/02      | 0.7         | <5          | 0.02            | 7.34           | 0.06                       | 12.7                     | -                        | 10.3                        | 0.79            | 0.9             | <1          | 85                 | <1              | <0.1               | <2.0                        | -           | <0.05       | <0.1                      | 9            | <10                 | 1               | 2              | <10                  | <1               | <1           | 3              | <0.1            | <1             | 3.0               | <1              |
| 23/10/2023  | SW-QT-NRML-3    | 3221/658/03      | 1.2         | 9           | 0.02            | 7.53           | 0.04                       | 13.7                     | -                        | 10.6                        | 0.95            | 0.9             | <1          | 53                 | <1              | <0.1               | <2.0                        | -           | <0.05       | <0.1                      | 9            | <10                 | 1               | 2              | <10                  | 1                | <1           | 3              | <0.1            | <1             | 6.3               | <1              |
| 23/10/2023  | SW-QT-NRML-4    | 3221/658/04      | 1.1         | 17          | 0.01            | 7.7            | 0.03                       | 13.1                     | -                        | 10.4                        | 0.96            | 0.9             | <1          | 82                 | <1              | <0.1               | <2.0                        | -           | <0.05       | <0.1                      | 2            | <10                 | 1               | 4              | <10                  | 1                | <1           | 5              | <0.1            | <1             | 6.0               | <1              |
| 23/10/2023  | SW-QT-NRML-8    | 3221/658/05      | 1           | 14          | 0.02            | 7.67           | 0.04                       | 13.4                     | -                        | 10.6                        | 1.56            | 1.4             | <1          | 213                | <1              | <0.1               | <2.0                        | -           | <0.05       | <0.1                      | 10           | <10                 | 1               | 5              | <10                  | 1                | <1           | 6              | <0.1            | <1             | 5.6               | <1              |
| 13/11/2023  | SW-MO-NRML-5    | 3221/675/01      | 1.9         | 26          | 0.01            | 7.64           | 0.07                       | 10.1                     | -                        | 10.6                        | <0.51           | 0.8             | <1          | 146                | <1              | <0.1               | <2.0                        | <0.1        | <0.05       | <0.1                      | 18           | <10                 | 1               | 5              | <10                  | 1                | 1            | 3              | <0.1            | <1             | 3.7               | <1              |
| 13/11/2023  | SW-MO-NRML-6    | 3221/675/02      | 3.1         | 22          | 0.02            | 8.1            | <0.01                      | 10.1                     | -                        | 10.8                        | <0.51           | 0.5             | <1          | 160                | <1              | <0.1               | <2.0                        | <0.1        | <0.05       | <0.1                      | 7            | <10                 | 1               | 6              | <10                  | 1                | 1            | 3              | <0.1            | <1             | 4.0               | <1              |
| 13/11/2023  | SW-MO-NRML-7    | 3221/675/04      | 2.6         | 24          | 0.02            | 7.88           | <0.01                      | 10.2                     | -                        | 10.7                        | <0.51           | 0.6             | <1          | 127                | <1              | <0.1               | <2.0                        | <0.1        | <0.05       | <0.1                      | 12           | <10                 | 1               | 6              | <10                  | 1                | 3            | <0.1           | <1              | 3.6            | <1                |                 |
| 04/12/2023  | NRML-6 extra    | 3221/696/05      | 4           | 23          | -               | -              | -                          | -                        | -                        | -                           | -               | -               | -           | -                  | -               | -                  | <2.0                        | -           | -           | <0.05                     | -            | -                   | -               | -              | -                    | -                | -            | -              | -               | -              | 14.0              | -               |
| 04/12/2023  | NRML-6 extra    | 3221/696/06      | 4           | 22          | -               | -              | -                          | -                        | -                        | -                           | -               | -               | -           | -                  | -               | -                  | <2.0                        | -           | -           | -                         | -            | -                   | -               | -              | -                    | -                | -            | -              | -               | -              | 7.1               | -               |
| 04/12/2023  | NRML-7 extra    | 3221/696/03      | 4           | 17          | -               | -              | -                          | -                        | -                        | -                           | -               | -               | -           | -                  | -               | -                  | <2.0                        | -           | -           | -                         | -            | -                   | -               | -              | -                    | -                | -            | -              | -               | -              | 10.8              | -               |
| 08/12/2023  | SW-MO-NRML-5    | 3221/701/01      | 0.8         | <5          | 0.03            | 7.6            | 0.02                       | <10.1                    | -                        | 10.8                        | 1.84            | 1.8             | <1          | 186                | <1              | <0.1               | <2.0                        | <0.1        | <0.05       | <0.1                      | 14           | <10                 | 1               | 2              | <10                  | 1                | <1           | 3              | <0.1            | <1             | 12.0              | <1              |
| 08/12/2023  | SW-MO-NRML-6    | 3221/701/02      | 2.7         | 11          | 0.04            | 7.86           | <0.01                      | 9.7                      | -                        | 10.3                        | <0.51           | 0.8             | <1          | 3023               | <1              | <0.1               | <2.0                        | <0.1        | <0.05       | <0.1                      | 7            | <10                 | 1               | 5              | <10                  | 1                | <1           | 9              | <0.1            | <1             | 15.2              | <1              |
| 08/12/2023  | SW-MO-NRML-7    | 3221/701/03      | 0.6         | 11          | 0.04            | 7.8            | 0.01                       | 9.4                      | -                        | 10.6                        | 1.2             | 1.3             | <1          | 73                 | <1              | <0.1               | <2.0                        | <0.1        | <0.05       | <0.1                      | 17           | <10                 | 1               | 4              | <10                  | 1                | <1           | 10             | <0.1            | <1             | 13.3              | <1              |

### daa Dublin - North Runway Surface Water Monitoring - Q1, 2024

| Sample Date | Sample Location | Report Reference | BOD<br>mg/L | COD<br>mg/L | Ammonia<br>mg/L | pH   | Ortho<br>phosphate<br>mg/L | Temperature<br>degrees C | Dissolved<br>Oxygen<br>% | Dissolved<br>Oxygen<br>mg/L | Nitrate<br>mg/L | Total N<br>mg/L | TPH<br>ug/L | Detergents<br>ug/L | Benzene<br>ug/L | Anthracene<br>ug/L | Propylene<br>Glycol<br>mg/L | PAH<br>ug/L | PCB<br>ug/L | Benzo a<br>pyrene<br>ug/L | Zinc<br>ug/L | Chromium VI<br>ug/L | Arsenic<br>ug/L | Copper<br>ug/L | Chromium III<br>ug/L | Chromium<br>ug/L | Lead<br>ug/L | Nickel<br>ug/L | Phenols<br>ug/L | Xylene<br>ug/L | Potassium<br>mg/L | Toluene<br>ug/L |
|-------------|-----------------|------------------|-------------|-------------|-----------------|------|----------------------------|--------------------------|--------------------------|-----------------------------|-----------------|-----------------|-------------|--------------------|-----------------|--------------------|-----------------------------|-------------|-------------|---------------------------|--------------|---------------------|-----------------|----------------|----------------------|------------------|--------------|----------------|-----------------|----------------|-------------------|-----------------|
| 02/01/2024  | SW-MO-NRML-5    | 3221/718/01      | 1.5         | 6           | 0.03            | 7.68 | 0.02                       | 9.3                      | -                        | 10.2                        | 2.39            | 2.2             | <1          | 260                | <1              | <0.1               | <2.0                        | <0.1        | <0.05       | <0.1                      | 17           | <10                 | 1               | 3              | <10.0                | 1                | 1            | 3              | <0.1            | <1             | 4.5               | <1              |
| 02/01/2024  | SW-MO-NRML-6    | 3221/718/02      | 1.6         | 14          | 0.22            | 7.82 | 0.01                       | 9.0                      | -                        | 10.3                        | 0.83            | 1               | <1          | 357                | <1              | <0.1               | <2.0                        | <0.1        | <0.05       | <0.1                      | 5            | <10                 | 2               | 6              | <10.0                | 2                | 1            | 4              | <0.1            | <1             | 5.5               | <1              |
| 02/01/2024  | SW-MO-NRML-7    | 3221/718/03      | 1.8         | 17          | 0.05            | 7.81 | 0.03                       | 9.0                      | -                        | 10.2                        | 1.62            | 1.7             | <1          | 102                | <1              | <0.1               | <2.0                        | <0.1        | <0.05       | <0.1                      | 10           | <10                 | 1               | 4              | <10.0                | 1                | 1            | 3              | <0.1            | <1             | 4.8               | <1              |
| 08/01/2024  | NRML5 - Extra   | 3221/723/02      | 2.8         | 19          | -               | -    | -                          | -                        | -                        | -                           | -               | -               | -           | -                  | -               | -                  | <2.0                        | -           | -           | -                         | -            | -                   | -               | -              | -                    | -                | -            | -              | -               | -              | 5.0               | -               |
|             | NRML6 - Extra   | 3221/723/04      | 6           | 28          | -               | -    | -                          | -                        | -                        | -                           | -               | -               | -           | -                  | -               | -                  | 2.1                         | -           | -           | -                         | -            | -                   | -               | -              | -                    | -                | -            | -              | -               | -              | 7.6               | -               |
| 08/01/2024  | NRML7 - Extra   | 3221/723/01      | 5.6         | 22          | -               | -    | -                          | -                        | -                        | -                           | -               | -               | -           | -                  | -               | -                  | <2.0                        | -           | -           | -                         | -            | -                   | -               | -              | -                    | -                | -            | -              | -               | -              | 6.6               | -               |
| 19/01/2024  | SW-QT-NRML-1    | 3221/740/01      | <4          | 7           | 0.03            | 7.86 | 0.04                       | 7.7                      | -                        | 10.4                        | 0.75            | 0.8             | <1          | 104                | <1              | <0.1               | <2.0                        | -           | <0.05       | <0.1                      | 27           | <10                 | 1               | 2              | <10.0                | <1               | <1           | 4              | <0.1            | <1             | 2.6               | <1              |
| 19/01/2024  | SW-QT-NRML-2    | 3221/740/02      | 0.4         | 13          | 0.04            | 7.29 | 0.01                       | 9.0                      | -                        | 7.7                         | 0.82            | 0.6             | <1          | 215                | <1              | <0.1               | <2.0                        | -           | <0.05       | <0.1                      | 13           | <10                 | 1               | <2             | <10.0                | <1               | <1           | 2              | <0.1            | <1             | 2.9               | <1              |
| 19/01/2024  | SW-QT-NRML-3    | 3221/740/03      | 0.02        | 10          | 0.03            | 7.85 | 0.08                       | 7.8                      | -                        | 10.9                        | 0.6             | 0.5             | <1          | <50                | <1              | <0.1               | <2.0                        | -           | <0.05       | <0.1                      | 4            | <10                 | <1              | <2             | <10.0                | <1               | <1           | 1              | <0.1            | <1             | 3.3               | <1              |
| 19/01/2024  | SW-QT-NRML-4    | 3221/740/04      | 0.3         | <5          | 0.03            | 7.98 | 0.03                       | 6.8                      | -                        | 10.2                        | 1.69            | 1.1             | <1          | 87                 | <1              | <0.1               | <2.0                        | -           | <0.05       | <0.1                      | 10           | <10                 | 1               | 5              | <10.0                | 1                | <1           | 1              | <0.1            | <1             | 4.8               | <1              |
| 22/01/2024  | SW-MO-NRML-8    | 3221/744/05      | 0.1         | 9           | 0.03            | 7.77 | 0.02                       | 8.8                      | -                        | 10.3                        | 1.9             | 1.8             | <1          | 439                | <1              | <0.1               | <2.0                        | <0.1        | <0.05       | <0.1                      | 16           | <10                 | 1               | 3              | <10.0                | <1               | <1           | 3              | <0.1            | <1             | 4.3               | <1              |
| 22/01/2024  | SW-MO-NRML-9    | 3221/744/04      | 2.1         | 10          | 0.07            | 7.92 | 0.05                       | 6.9                      | -                        | 10.2                        | 3.59            | 3.6             | <1          | 158                | <1              | <0.1               | <2.0                        | <0.1        | <0.05       | <0.1                      | 12           | <10                 | 1               | 3              | <10.0                | <1               | <1           | 1              | <0.1            | <1             | 12.9              | <1              |
| 25/01/2024  | NRML5 - Extra   | 3221/745/02      | 8           | 25          | -               | -    | -                          | -                        | -                        | -                           | -               | -               | -           | -                  | -               | -                  | <2.0                        | -           | -           | -                         | -            | -                   | -               | -              | -                    | -                | -            | -              | -               | -              | 44.5              | -               |
| 25/01/2024  | NRML6 - Extra   | 3221/745/01      | 21          | 47          | -               | -    | -                          | -                        | -                        | -                           | -               | -               | -           | -                  | -               | -                  | <2.0                        | -           | -           | -                         | -            | -                   | -               | -              | -                    | -                | -            | -              | -               | -              | 58.1              | -               |
| 25/01/2024  | NRML7 - Extra   | 3221/745/03      | 9           | 25          | -               | -    | -                          | -                        | -                        | -                           | -               | -               | -           | -                  | -               | -                  | <2.0                        | -           | -           | -                         | -            | -                   | -               | -              | -                    | -                | -            | -              | -               | -              | 40.9              | -               |
| 31/01/2024  | NRML5 - Extra   | 3221/753/02      | 0.5         | 8           | -               | -    | -                          | -                        | -                        | -                           | -               | -               | -           | -                  | -               | -                  | <2.0                        | -           | -           | -                         | -            | -                   | -               | -              | -                    | -                | -            | -              | -               | -              | 8.6               | -               |
| 31/01/2024  | NRML6 - Extra   | 3221/753/01      | 3           | 16          | -               | -    | -                          | -                        | -                        | -                           | -               | -               | -           | -                  | -               | -                  | <2.0                        | -           | -           | -                         | -            | -                   | -               | -              | -                    | -                | -            | -              | -               | -              | 14.7              | -               |
| 31/01/2024  | NRML7 - Extra   | 3221/753/04      | 0.8         | 10          | -               | -    | -                          | -                        | -                        | -                           | -               | -               | -           | -                  | -               | -                  | <2.0                        | -           | -           | -                         | -            | -                   | -               | -              | -                    | -                | -            | -              | -               | -              | 10.0              | -               |
| 19/02/2024  | SW-MO-NRML-5    | 3221/769/01      | <2          | 11          | 0.19            | 7.62 | 0.02                       | 9.1                      | -                        | 10.3                        | 3.11            | 2.2             | <1          | <50                | <1              | <0.1               | <2.0                        | <0.1        | <0.05       | <0.1                      | 29           | <10                 | 1               | 3              | <10.0                | <1               | 1            | 2              | <0.1            | <1             | 5.5               | <1              |
| 09/02/2024  | SW-MO-NRML-6    | 3221/759/04      | 4.3         | 23          | 0.04            | 8.15 | <0.01                      | 7.3                      | -                        | 10.5                        | <0.51           | 1.8             | <1          | 131                | <1              | <0.1               | <2.0                        | <0.1        | <0.05       | <0.1                      | 28           | <10                 | 2               | 7              | <10.0                | 2                | 2            | 4              | <0.1            | <1             | 6.6               | <1              |
| 09/02/2024  | SW-MO-NRML-7    | 3221/759/05      | 3.3         | 14          | 0.03            | 7.82 | <0.01                      | 7.7                      | -                        | 10.5                        | 1.15            | 0.4             | <1          | 333                | <1              | <0.1               | <2.0                        | <0.1        | <0.05       | <0.1                      | 32           | <10                 | 1               | 6              | <10.0                | 1                | 2            | 3              | <0.1            | <1             | 7.0               | <1              |
| 11/03/2024  | SW-MO-NRML-5    | 3221/790/01      | 1.3         | 8           | 0.02            | 7.63 | 0.04                       | 7.9                      | -                        | 10.2                        | 3.15            | 2.9             | <1          | 71                 | <1              | <0.4               | <2.0                        | <0.4        | <0.2        | <0.4                      | 9            | <10                 | 1               | 2              | <10.0                | <1               | <1           | 1              | <0.4            | <1             | 4.7               | <1              |
| 11/03/2024  | SW-MO-NRML-6    | 3221/790/02      | 0.5         | 13          | 0.06            | 7.93 | 0.04                       | 8.2                      | -                        | 10.9                        | 1.43            | 1.4             | <1          | 69                 | <1              | <0.1               | <2.0                        | <0.1        | <0.05       | <0.1                      | 9            | <10                 | 2               | 3              | <10.0                | 1                | <1           | 3              | <0.1            | <1             | 9.4               | <1              |
| 11/03/2024  | SW-MO-NRML-7    | 3221/790/03      | 3.5         | 18          | 0.08            | 7.83 | 0.04                       | 8.5                      | -                        | 10.0                        | 2.53            | 2.5             | <1          | <50                | <1              | <0.1               | <2.0                        | <0.1        | <0.05       | <0.1                      | 17           | <10                 | 1               | 3              | <10.0                | 1                | <1           | 2              | <0.1            | <1             | 35                | 5.5             |
|             |                 |                  |             |             |                 |      |                            |                          |                          |                             |                 |                 |             |                    |                 |                    |                             |             |             |                           |              |                     |                 |                |                      |                  |              |                |                 |                |                   | 128             |

### daa Dublin - North Runway Surface Water Monitoring - Q2, 2024

| Sample Date | Sample Location | Report Reference | BOD<br>mg/L | COD<br>mg/L | Ammonia<br>mg/L | pH   | Ortho<br>phosphate<br>mg/L | Temperature<br>degrees C | Dissolved<br>Oxygen<br>% | Dissolved<br>Oxygen<br>mg/L | Nitrate<br>mg/L | Total N<br>mg/L | TPH<br>ug/L | Detergents<br>ug/L | Benzene<br>ug/L | Anthracene<br>ug/L | Propylene<br>Glycol<br>mg/L | PAH<br>ug/L | PCB<br>ug/L | Benzo<br>a pyrene<br>ug/L | Zinc<br>ug/L | Chromium VI<br>ug/L | Arsenic<br>ug/L | Copper<br>ug/L | Chromium III<br>ug/L | Chromium<br>ug/L | Lead<br>ug/L | Nickel<br>ug/L | Phenols<br>ug/L | Xylene<br>ug/L | Potassium<br>mg/L | Toluene<br>ug/L |
|-------------|-----------------|------------------|-------------|-------------|-----------------|------|----------------------------|--------------------------|--------------------------|-----------------------------|-----------------|-----------------|-------------|--------------------|-----------------|--------------------|-----------------------------|-------------|-------------|---------------------------|--------------|---------------------|-----------------|----------------|----------------------|------------------|--------------|----------------|-----------------|----------------|-------------------|-----------------|
| 08-04-2024  | SW-MO-NRML-5    | 3221/2404815/01  | 0.5         | 9           | 0.04            | 7.71 | 0.01                       | 9.5                      | -                        | 10.2                        | 1.05            | 1.5             | <2          | 81                 | <1              | <0.2               | <2.0                        | <0.2        | <0.1        | <0.2                      | 24           | <10                 | 1               | 3              | <10.0                | <1               | <1           | 1              | <0.2            | <1             | 3.2               | <1              |
| 08-04-2024  | SW-MO-NRML-6    | 3221/2404815/02  | 0.7         | 8           | 0.07            | 7.91 | <0.01                      | 9.4                      | -                        | 10.3                        | 1.03            | 1.2             | <1          | 94                 | <1              | <0.1               | <2.0                        | <0.1        | <0.05       | <0.1                      | 23           | <10                 | 2               | 3              | <10.0                | 1                | <1           | 3              | <0.1            | <1             | 6.9               | <1              |
| 26-04-2024  | SW-QT-NRML-9    | 3221/2404831/04  | 1.1         | 10          | 0.05            | 8.2  | 0.0                        | 10.2                     | -                        | 10.2                        | 1.59            | 2               | <1          | 79                 | <1              | <0.1               | <2.0                        | <0.1        | <0.05       | <0.1                      | 7            | <10                 | 1               | 5              | <10.0                | 1                | 1            | 2              | <0.1            | 13             | 4.4               | 81              |
| 29-04-2024  | SW-QT-NRML-1    | 3221/2404833/01  | 1.1         | 41          | 0.04            | 7.69 | 0.01                       | 10.2                     | -                        | 10.2                        | 4.81            | 4               | <1          | 1194               | <1              | <0.1               | <2.0                        | <0.1        | <0.05       | <0.1                      | 7            | <10                 | 1               | 3              | <10                  | <1               | <1           | <1             | <1              | <1             | 3.5               | <1              |
| 29-04-2024  | SW-QT-NRML-2    | 3221/2404833/02  | 0.4         | 16          | 0.06            | 7.27 | <0.01                      | 10.1                     | -                        | 10.0                        | <0.51           | 0.4             | <1          | 119                | <1              | <0.1               | <2.0                        | -           | <0.05       | <0.1                      | 14           | <10                 | 1               | <2             | <10.0                | <1               | <1           | 3              | <0.1            | <1             | 3.5               | <1              |
| 29-04-2024  | SW-QT-NRML-3    | 3221/2404833/03  | 0.3         | 14          | 0.02            | 7.64 | 0.01                       | 10.4                     | -                        | 10.0                        | <0.51           | 0.7             | <1          | 167                | <1              | <0.1               | <2.0                        | -           | <0.05       | <0.1                      | 33           | <10                 | 2               | 2              | <10.0                | <1               | <1           | 4              | <0.1            | <1             | 9.5               | <1              |
| 29-04-2024  | SW-QT-NRML-4    | 3221/2404833/04  | 0.8         | 33          | 0.03            | 7.91 | 0.01                       | 10.3                     | -                        | 10.2                        | 0.81            | 0.8             | <1          | 129                | <1              | <0.1               | <2.0                        | -           | <0.05       | <0.1                      | 16           | <10                 | 1               | 6              | <10.0                | <1               | <1           | 4              | <0.1            | <1             | 5.8               | <1              |
| 29-04-2024  | SW-QT-NRML-8    | 3221/2404833/05  | 0.4         | 36          | 0.03            | 7.66 | 0.01                       | 9.8                      | -                        | 10.2                        | 0.89            | 0.8             | <2          | 131                | <1              | <0.2               | <2.0                        | -           | <0.1        | <0.2                      | 13           | <10                 | 1               | 3              | <10.0                | <1               | <1           | 4              | <0.2            | <1             | 3.3               | <1              |
| 13-05-2024  | SW-MO-NRML-5    | 3221/2405954/01  | 1.5         | 21          | 0.02            | 7.63 | <0.01                      | 11.5                     | -                        | 10.0                        | 1.03            | 0.9             | <1          | <100               | <1              | <0.1               | <2.0                        | <0.1        | <0.05       | <0.1                      | 10           | <10                 | 1               | 3              | <10.0                | <1               | <1           | 1              | <0.1            | <1             | 3.5               | <1              |
| 13-05-2024  | SW-MO-NRML-6    | 3221/2405954/02  | 0.8         | 9           | 0.16            | 8.08 | 0.01                       | 10.1                     | -                        | 10.1                        | 1.03            | 1.1             | <1          | <100               | <1              | <0.1               | <2.0                        | <0.1        | <0.05       | <0.1                      | 17           | <10                 | 4               | 3              | <10.0                | 1                | <1           | 3              | <0.1            | <1             | 8.4               | <1              |
| 13-05-2024  | SW-MO-NRML-7    | 3221/2405954/03  | 3           | 46          | 0.25            | 7.75 | 0.01                       | 11.8                     | -                        | 9.9                         | 1.26            | 1.2             | <1          | 399                | <1              | <0.1               | <2.0                        | <0.1        | <0.05       | <0.1                      | 54           | <10                 | 1               | 23             | <10.0                | 2                | 1            | 3              | <0.1            | <1             | 5.1               | <1              |
| 10-06-2024  | SW-MO-NRML-5    | 3221/2406981/01  | 1.8         | 32          | 0.01            | 7.66 | <0.01                      | 12.3                     | -                        | 9.5                         | <0.51           | 0.5             | <1          | <100               | <1              | <0.1               | <2.0                        | <0.1        | <0.05       | <0.1                      | 10           | <10                 | 1               | 2              | <10                  | <1               | <1           | 1              | <0.1            | <1             | 4.4               | <1              |
| 10-06-2024  | SW-MO-NRML-6    | 3221/2406981/02  | 3.3         | 7           | 0.16            | 8.05 | 0.01                       | 12.4                     | -                        | 9.4                         | 1.21            | 1.2             | <1          | <100               | <1              | <0.1               | <2.0                        | <0.1        | <0.05       | <0.1                      | 5            | <10                 | 4               | 2              | <10                  | <1               | <1           | 2              | <0.1            | <1             | 10.6              | <1              |
| 10-06-2024  | SW-MO-NRML-7    | 3221/2406981/03  | 0.6         | 19          | 0.02            | 7.95 | 0.01                       | 13.2                     | -                        | 9.6                         | 0.98            | 0.8             | <1          | <100               | <1              | <0.1               | <2.0                        | <0.1        | <0.05       | <0.1                      | 13           | <10                 | 1               | 4              | <10                  | 1                | <1           | 2              | <0.1            | <1             | 4.3               | <1              |

### daa Dublin - North Runway Surface Water Monitoring - Q3, 2024

| Sample Date | Sample Location | Report Reference | BOD<br>mg/L | COD<br>mg/L | Ammonia<br>mg/L | pH   | Ortho<br>phosphate<br>mg/L | Temperature<br>degrees C | Dissolved<br>Oxygen<br>% | Dissolved<br>Oxygen<br>mg/L | Nitrate<br>mg/L | Total N<br>mg/L | TPH<br>ug/L | Detergents<br>ug/L | Benzene<br>ug/L | Anthracene<br>ug/L | Propylene<br>Glycol<br>mg/L | PAH<br>ug/L | PCB<br>ug/L | Benzo a<br>pyrene<br>ug/L | Zinc<br>ug/L | Chromium VI<br>ug/L | Arsenic<br>ug/L | Copper<br>ug/L | Chromium III<br>ug/L | Chromium<br>ug/L | Lead<br>ug/L | Nickel<br>ug/L | Phenols<br>ug/L | Xylene<br>ug/L | Potassium<br>mg/L | Toluene<br>ug/L |
|-------------|-----------------|------------------|-------------|-------------|-----------------|------|----------------------------|--------------------------|--------------------------|-----------------------------|-----------------|-----------------|-------------|--------------------|-----------------|--------------------|-----------------------------|-------------|-------------|---------------------------|--------------|---------------------|-----------------|----------------|----------------------|------------------|--------------|----------------|-----------------|----------------|-------------------|-----------------|
| 08-07-2024  | SW-MO-NRML-5    | 3221/2407907/01  | 1           | 13          | 0.82            | 7.7  | 0.01                       | 15.2                     | -                        | 10.0                        | <0.51           | 0.3             | <1          | <100               | <1              | <0.1               | -                           | <0.1        | <0.05       | <0.1                      | 5            | <10                 | 60              | 26             | 17                   | <10              | <1           | 9              | <0.1            | <1             | 5.5               | <1              |
| 08-07-2024  | SW-MO-NRML-6    | 3221/2407907/02  | 0.6         | 10          | 0.14            | 8.09 | 0.01                       | 15.0                     | -                        | 10.4                        | 1.05            | 1               | <1          | <100               | <1              | <0.1               | -                           | <0.1        | <0.05       | <0.1                      | 2            | <10                 | 3               | 3              | <10.0                | 1                | <1           | 2              | <1              | <1             | 9.8               | <1              |
| 16-08-2024  | SW-MO-NRML-5    | 3221/2408941/01  | 1.2         | 19          | 0.15            | 8.1  | 0.01                       | 15.2                     | -                        | 10.4                        | 1.64            | 2.6             | <1          | <100               | <1              | <0.1               | -                           | <0.1        | <0.05       | <0.1                      | 15           | <10                 | 1               | 1              | <12                  | 128              | <1           | 0.21           | <0.3            | <1             | 4.7               | <1              |
| 16-08-2024  | SW-MO-NRML-6    | 3221/2408941/02  | 0.3         | 13          | 0.01            | 7.77 | 0.01                       | 14.3                     | -                        | 7.3                         | <0.51           | 0.2             | <1          | <100               | <1              | <0.1               | -                           | <0.1        | <0.05       | <0.1                      | 28           | <10                 | 2               | 5              | <10.0                | <1               | 2            | 3              | <1.0            | <1             | 6.2               | <1              |
| 16-08-2024  | SW-MO-NRML-6    | 3221/2408941/02  | 0.1         | <5          | 0.14            | 8.28 | 0.02                       | 14.3                     | -                        | 8.1                         | 1.23            | 1.2             | <1          | <100               | <1              | <0.1               | -                           | <0.1        | <0.05       | <0.1                      | 2            | <10                 | 4               | 3              | <10.0                | 1                | <1           | <1             | <1              | <1             | 13.1              | <1              |
| 16-08-2024  | SW-MO-NRML-7    | 3221/2408941/03  | 2           | 19          | 0.13            | 7.2  | 0.01                       | 14.3                     | -                        | 7.3                         | 0.67            | 2               | 0.7         | <100               | <1              | <0.1               | -                           | <0.1        | <0.05       | <0.1                      | 10           | <10                 | 1               | 2              | <10.0                | <1               | 2            | <1             | <1              | <1             | <1                | <1              |
| 19-08-2024  | SW-OT-NRML-9    | 3221/2408943/05  | 1.2         | <5          | 0.01            | 7.92 | 0.07                       | 14.1                     | -                        | 10.5                        | 0.51            | 0.8             | <1          | <100               | <1              | <0.1               | -                           | <0.1        | <0.05       | <0.1                      | 5            | <10                 | 1               | 2              | <10.0                | <1               | <1           | <1             | <1              | <1             | 3.5               | <1              |
| 23-09-2024  | SW-OT-NRML-9    | 3221/2408943/05  | 1.2         | <5          | 0.01            | 7.97 | 0.08                       | 14.1                     | -                        | 10.5                        | 0.51            | 0.8             | <1          | <100               | <1              | <0.1               | -                           | <0.1        | <0.05       | <0.1                      | 5            | <10                 | 1               | 2              | <10.0                | <1               | <1           | <1             | <1              | <1             | 3.5               | <1              |
| 23-09-2024  | SW-OT-NRML-9    | 3221/2408943/05  | 1.2         | <5          | 0.01            | 7.97 | 0.08                       | 14.1                     | -                        | 10.5                        | 0.51            | 0.8             | <1          | <100               | <1              | <0.1               | -                           | <0.1        | <0.05       | <0.1                      | 5            | <10                 | 1               | 2              | <10.0                | <1               | <1           | <1             | <1              | <1             | 3.5               | <1              |
| 23-09-2024  | SW-OT-NRML-9    | 3221/2408943/05  | 1.2         | <5          | 0.01            | 7.97 | 0.08                       | 14.1                     | -                        | 10.5                        | 0.51            | 0.8             | <1          | <100               | <1              | <0.1               | -                           | <0.1        | <0.05       | <0.1                      | 5            | <10                 | 1               | 2              | <10.0                | <1               | <1           | <1             | <1              | <1             | 3.5               | <1              |
| 23-09-2024  | SW-OT-NRML-9    | 3221/2408943/05  | 1.2         | <5          | 0.01            | 7.97 | 0.08                       | 14.1                     | -                        | 10.5                        | 0.51            | 0.8             | <1          | <100               | <1              | <0.1               | -                           | <0.1        | <0.05       | <0.1                      | 5            | <10                 | 1               | 2              | <10.0                | <1               | <1           | <1             | <1              | <1             | 3.5               | <1              |
| 23-09-2024  | SW-OT-NRML-9    | 3221/2408943/05  | 1.2         | <5          | 0.01            | 7.97 | 0.08                       | 14.1                     | -                        | 10.5                        | 0.51            | 0.8             | <1          | <100               | <1              | <0.1               | -                           | <0.1        | <0.05       | <0.1                      | 5            | <10                 | 1               | 2              | <10.0                | <1               | <1           | <1             | <1              | <1             | 3.5               | <1              |
| 23-09-2024  | SW-OT-NRML-9    | 3221/2408943/05  | 1.2         | <5          | 0.01            | 7.97 | 0.08                       | 14.1                     | -                        | 10.5                        | 0.51            | 0.8             | <1          | <100               | <1              | <0.1               | -                           | <0.1        | <0.05       | <0.1                      | 5            | <10                 | 1               | 2              | <10.0                | <1               | <1           | <1             | <1              | <1             | 3.5               | <1              |
| 23-09-2024  | SW-OT-NRML-9    | 3221/2408943/05  | 1.2         | <5          | 0.01            | 7.97 | 0.08                       | 14.1                     | -                        | 10.5                        | 0.51            | 0.8             | <1          | <100               | <1              | <0.1               | -                           | <0.1        | <0.05       | <0.1                      | 5            | <10                 | 1               | 2              | <10.0                | <1               | <1           | <1             | <1              | <1             | 3.5               | <1              |
| 23-09-2024  | SW-OT-NRML-9    | 3221/2408943/05  | 1.2         | <5          | 0.01            | 7.97 | 0.08                       | 14.1                     | -                        | 10.5                        | 0.51            | 0.8             | <1          | <100               | <1              | <0.1               | -                           | <0.1        | <0.05       | <0.1                      | 5            | <10                 | 1               | 2              | <10.0                | <1               | <1           | <1             | <1              | <1             | 3.5               | <1              |
| 23-09-2024  | SW-OT-NRML-9    | 3221/2408943/05  | 1.2         | <5          | 0.01            | 7.97 | 0.08                       | 14.1                     | -                        | 10.5                        | 0.51            | 0.8             | <1          | <100               | <1              | <0.1               | -                           | <0.1        | <0.05       | <0.1                      | 5            | <10                 | 1               | 2              | <10.0                | <1               | <1           | <1             | <1              | <1             | 3.5               | <1              |
| 23-09-2024  | SW-OT-NRML-9    | 3221/2408943/05  | 1.2         | <5          | 0.01            | 7.97 | 0.08                       | 14.1                     | -                        | 10.5                        | 0.51            | 0.8             | <1          | <100               | <1              | <0.1               | -                           | <0.1        | <0.05       | <0.1                      | 5            | <10                 | 1               | 2              | <10.0                | <1               | <1           | <1             | <1              | <1             | 3.5               | <1              |
| 23-09-2024  | SW-OT-NRML-9    | 3221/2408943/05  | 1.2         | <5          | 0.01            | 7.97 | 0.08                       | 14.1                     | -                        | 10.5                        | 0.51            | 0.8             | <1          | <100               | <1              | <0.1               | -                           | <0.1        | <0.05       | <0.1                      | 5            | <10                 | 1               | 2              | <10.0                | <1               | <1           | <1             | <1              | <1             | 3.5               | <1              |
| 23-09-2024  | SW-OT-NRML-9    | 3221/2408943/05  | 1.2         | <5          | 0.01            | 7.97 | 0.08                       | 14.1                     | -                        | 10.5                        | 0.51            | 0.8             | <1          | <100               | <1              | <0.1               | -                           | <0.1        | <0.05       | <0.1                      | 5            | <10                 | 1               | 2              | <10.0                | <1               | <1           | <1             | <1              | <1             | 3.5               | <1              |
| 23-09-2024  | SW-OT-NRML-9    | 3221/2408943/05  | 1.2         | <5          | 0.01            | 7.97 | 0.08                       | 14.1                     | -                        | 10.5                        | 0.51            | 0.8             | <1          | <100               | <1              | <0.1               | -                           | <0.1        | <0.05       | <0.1                      | 5            | <10                 | 1               | 2              | <10.0                | <1               | <1           | <1             | <1              | <1             | 3.5               | <1              |
| 23-09-2024  | SW-OT-NRML-9    | 3221/2408943/05  | 1.2         | <5          | 0.01            | 7.97 | 0.08                       | 14.1                     | -                        | 10.5                        | 0.51            | 0.8             | <1          | <100               | <1              | <0.1               | -                           | <0.1        | <0.05       | <0.1                      | 5            | <10                 | 1               | 2              | <10.0                | <1               | <1           | <1             | <1              | <1             | 3.5               | <1              |
| 23-09-2024  | SW-OT-NRML-9    | 3221/2408943/05  | 1.2         | <5          | 0.01            | 7.97 | 0.08                       | 14.1                     | -                        | 10.5                        | 0.51            | 0.8             | <1          | <100               | <1              | <0.1               | -                           | <0.1        | <0.05       | <0.1                      | 5            | <10                 | 1               | 2              | <10.0                | <1               | <1           | <1             | <1              | <1             | 3.5               | <1              |
| 23-09-2024  | SW-OT-NRML-9    | 3221/2408943/05  | 1.2         | <5          | 0.01            | 7.97 | 0.08                       | 14.1                     | -                        | 10.5                        | 0.51            | 0.8             | <1          | <100               | <1              | <0.1               | -                           | <0.1        | <0.05       | <0.1                      | 5            | <10                 | 1               | 2              | <10.0                | <1               | <1           | <1             | <1              | <1             | 3.5               | <1              |
| 23-09-2024  | SW-OT-NRML-9    | 3221/2408943/05  | 1.2         | <5          | 0.01            | 7.97 | 0.08                       | 14.1                     | -                        | 10.5                        | 0.51            | 0.8             | <1          | <100               | <1              | <0.1               | -                           | <0.1        | <0.05       | <0.1                      | 5            | <10                 | 1               | 2              | <10.0                | <1               | <1           | <1             | <1              | <1             | 3.5               | <1              |
| 23-09-2024  | SW-OT-NRML-9    | 3221/2408943/05  | 1.2         | <5          | 0.01            | 7.97 | 0.08                       | 14.1                     | -                        | 10.5                        | 0.51            | 0.8             | <1          | <100               | <1              | <0.1               | -                           | <0.1        | <0.05       | <0.1                      | 5            | <10                 | 1               | 2              | <10.0                | <1               | <1           | <1             | <1              | <1             | 3.5               | <1              |
| 23-09-2024  | SW-OT-NRML-9    | 3221/2408943/05  | 1.2         | <5          | 0.01            | 7.97 | 0.08                       | 14.1                     | -                        | 10.5                        | 0.51            | 0.8             | <1          | <100               | <1              | <0.1               | -                           | <0.1        | <0.05       | <0.1                      | 5            | <10                 | 1               | 2              | <10.0                | <1               | <1           | <1             | <1              | <1             | 3.5               | <1              |
| 23-09-2024  | SW-OT-NRML-9    | 3221/2408943/05  | 1.2         | <5          | 0.01            | 7.97 | 0.08                       | 14.1                     | -                        | 10.5                        | 0.51            | 0.8             | <1          | <100               | <1              | <0.1               | -                           | <0.1        | <0.05       | <0.1                      | 5            | <10                 | 1               | 2              | <10.0                | <1               | <1           | <1             | <1              | <1             | 3.5               | <1              |
| 23-09-2024  | SW-OT-NRML-9    | 3221/2408943/05  | 1.2         | <5          | 0.01            | 7.97 | 0.08                       | 14.1                     | -                        | 10.5                        | 0.51            | 0.8             | <1          | <100               | <1              | <0.1               | -                           | <0.1        | <0.05       | <0.1                      | 5            | <10                 | 1               | 2              | <10.0                | <1               | <1           | <1             | <1              | <1             | 3.5               | <1              |
| 23-09-2024  | SW-OT-NRML-9    | 3221/2408943/05  | 1.2         | <5          | 0.01            | 7.97 | 0.08                       | 14.1                     | -                        | 10.5                        | 0.51            | 0.8             | <1          | <100               | <1              | <0.1               | -                           | <0.1        | <0.05       | <0.1                      | 5            | <10                 | 1               | 2              | <10.0                | <1               | <1           | <1             | <1              | <1             | 3.5               | <1              |
| 23-09-2024  | SW-OT-NRML-9    | 3221/2408943/05  | 1.2         | <5          | 0.01            | 7.97 | 0.08                       | 14.1                     | -                        | 10.5                        | 0.51            | 0.8             | <1          | <100               | <1              | <0.1               | -                           | <0.1        | <0.05       | <0.1                      | 5            | <10                 | 1               | 2              | <10.0                | <1               | <1           | <1             | <1              | <1             | 3.5               | <1              |
| 23-09-2024  | SW-OT-NRML-9    | 3221/2408943/05  | 1.2         | <5          | 0.01            | 7.97 | 0.08                       | 14.1                     | -                        | 10.5                        | 0.51            | 0.8             | <1          | <100               | <1              | <0.1               | -                           | <0.1        | <0.05       | <0.1                      | 5            | <10                 | 1               | 2              | <10.0                | <1               | <1           | <1             | <1              | <1             | 3.5               | <1              |
| 23-09-2024  | SW-OT-NRML-9    | 3221/2408943/05  | 1.2         | <5          | 0.01            | 7.97 | 0.08                       | 14.1                     | -                        | 10.5                        | 0.51            | 0.8             | <1          | <100               | <1              | <0.1               | -                           | <0.1        | <0.05       | <0.1                      | 5            | <10                 | 1               | 2              | <10.0                | <1               | <1           | <1             | <1              | <1             | 3.5               | <1              |
| 23-09-2024  | SW-OT-NRML-9    | 3221/2408943/05  | 1.2         | <5          | 0.01            | 7.97 | 0.08                       | 14.1                     | -                        | 10.5                        | 0.51            | 0.8             | <1          | <100               | <1              | <0.1               | -                           | <0.1        | <0.05       | <0.1                      | 5            | <10                 | 1               | 2              | <10.0                | <1               | <1           | <1             | <1              | <1             | 3.5               | <1              |
| 23-09-2024  | SW-OT-NRML-9    | 3221/2408943/05  | 1.2         | <5          | 0.01            | 7.97 | 0.08                       | 14.1                     | -                        | 10.5                        | 0.51            | 0.8             | <1          | <100               | <1              | <0.1               | -                           | <0.1        | <0.05       | <0.1                      | 5            | <10                 | 1               | 2              | <10.0                | <1               | <1           | <1             | <1              | <1             | 3.5               | <1              |
| 23-09-2024  | SW-OT-NRML-9    | 3221/2408943/05  | 1.2         | <5          | 0.01            | 7.97 | 0.08                       | 14.1                     | -                        | 10.5                        | 0.51            | 0.8             | <1          | <100               | <1              | <0.1               | -                           | <0.1        | <0.05       | <0.1                      | 5            | <10                 | 1               | 2              | <10.0                | <1               | <1           | <1             | <1              | <1             | 3.5               | <1              |
| 23-09-2024  | SW-OT-NRML-9    | 3221/2408943/05  | 1.2         | <5          | 0.01            | 7.97 | 0.08                       | 14.1                     | -                        | 10.5                        | 0.51            | 0.8             | <1          | <100               | <1              | <0.1               | -                           | <0.1        | <0.05       | <0.1                      | 5            | <10                 | 1               | 2              | <10.0                | <1               | <1           | <1             | <1              | <1             | 3.5               | <1              |
| 23-09-2024  | SW-OT-NRML-9    | 3221/2408943/05  | 1.2         | <5          | 0.01            | 7.97 | 0.08                       | 14.1                     | -                        | 10.5                        | 0.51            | 0.8             | <1          | <100               | <1              | <0.1               | -                           | <0.1        | <0.05       | <0.1                      | 5            | <10                 | 1               | 2              | <10.0                | <1               | <1           | <1             | <1              | <1             | 3.5               | <1              |
| 23-09-2024  | SW-OT-NRML-9    | 3221/2408943/05  | 1.2         | <5          | 0.01            | 7.97 | 0.08                       | 14.1                     | -                        | 10.5                        | 0.51            | 0.8             | <1          | <100               | <1              | <0.1               | -                           | <0.1        | <0.05       | <0.1                      | 5            | <10                 | 1               | 2              | <10.0                | <1               | <1           | <1             | <1              | <1             | 3.5               | <1              |
| 23-09-2024  | SW-OT-NRML-9    | 3221/2408943/05  | 1.2         | <5          | 0.01            | 7.97 | 0.08                       | 14.1                     | -                        | 10.5                        | 0.51            | 0.8             | <1          | <100               | <1              | <0.1               | -                           | <0.1        | <0.05       | <0.1                      | 5            | <10                 | 1               | 2              | <10.0                | <1               | <1           | <1             | <1              | <1             | 3.5               | <1              |
| 23-09-2024  | SW-OT-NRML-9    | 3221/2408943/05  | 1.2         | <5          | 0.01            | 7.97 | 0.08                       | 14.1                     | -                        | 10.5                        | 0.51            | 0.8             | <1          | <100               | <1              | <0.1               | -                           | <0.1        | <0.05       | <0.1                      | 5            | <10                 | 1               | 2              | <10.0                | <1               | <1           | <1             | <1              | <1             | 3.5               | <1              |



daa Dublin - North Runway Surface Water Monitoring - Q1, 2025

| Sample Date | Sample Location | Report Reference | BOD  | COD  | Ammonia | pH       | Ortho phosphate | Temperature | Dissolved Oxygen | Dissolved Oxygen | Nitrate | Total N | TPH  | Detergents | Benzene | Anthracene | Propylene Glycol | PAH  | PCB   | Benzo a pyrene | Zinc | Chromium VI | Arsenic | Copper | Chromium III | Chromium | Lead | Nickel | Phenols | Xylene | Potassium | Toluene |    |
|-------------|-----------------|------------------|------|------|---------|----------|-----------------|-------------|------------------|------------------|---------|---------|------|------------|---------|------------|------------------|------|-------|----------------|------|-------------|---------|--------|--------------|----------|------|--------|---------|--------|-----------|---------|----|
|             |                 |                  | mg/L | mg/L | mg/L    | pH units | mg/L            | degrees C   | %                | mg/L             | mg/L    | mg/L    | ug/L | ug/L       | ug/L    | ug/L       | mg/L             | ug/L | ug/L  | ug/L           | ug/L | ug/L        | ug/L    | ug/L   | ug/L         | ug/L     | ug/L | ug/L   | ug/L    | ug/L   | mg/L      | ug/L    |    |
| 06-01-2025  | NRML 7 EXTRA    | 3221/250105702   | 7.5  | 46   | -       | -        | -               | -           | -                | -                | -       | -       | -    | -          | -       | -          | -                | -    | -     | -              | -    | -           | -       | -      | -            | -        | -    | -      | -       | -      | 9.1       | -       |    |
| 06-01-2025  | NRML 6 EXTRA    | 3221/250105703   | 16   | 55   | -       | -        | -               | -           | -                | -                | -       | -       | -    | -          | -       | -          | -                | -    | -     | -              | -    | -           | -       | -      | -            | -        | -    | -      | -       | -      | 12.6      | -       |    |
| 06-01-2025  | NRML 5 EXTRA    | 3221/250105704   | 2.3  | 29   | -       | -        | -               | -           | -                | -                | -       | -       | -    | -          | -       | -          | -                | -    | -     | -              | -    | -           | -       | -      | -            | -        | -    | -      | -       | -      | 5.8       | -       |    |
| 10-01-2025  | NRML 7-EXTRA    | 3221/250106201   | 2.4  | 12   | -       | -        | -               | -           | -                | -                | -       | -       | -    | -          | -       | -          | -                | -    | -     | -              | -    | -           | -       | -      | -            | -        | -    | -      | -       | -      | 11.4      | -       |    |
| 10-01-2025  | NRML 6-EXTRA    | 3221/250106202   | 11   | 26   | -       | -        | -               | -           | -                | -                | -       | -       | -    | -          | -       | -          | -                | -    | -     | -              | -    | -           | -       | -      | -            | -        | -    | -      | -       | -      | 19.1      | -       |    |
| 10-01-2025  | NRML 5-EXTRA    | 3221/250106203   | 2.2  | 9    | -       | -        | -               | -           | -                | -                | -       | -       | -    | -          | -       | -          | -                | -    | -     | -              | -    | -           | -       | -      | -            | -        | -    | -      | -       | -      | 8.6       | -       |    |
| 13-01-2025  | SW-MO-NRML-5    | 3221/250106401   | 2.7  | 8    | 0.03    | 7.65     | 0.01            | 9.3         | -                | 10.8             | 2.88    | 2.9     | <1   | 145        | <1      | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 11   | <10.00      | -       | -      | <10.0        | -        | -    | 2      | <1      | <0.1   | <1        | 13.8    | <1 |
| 13-01-2025  | SW-MO-NRML-6    | 3221/250106402   | 3.9  | 18   | 0.05    | 7.93     | <0.01           | 9.4         | -                | 11               | 1.13    | 1.3     | <1   | 122        | <1      | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 5    | <10.00      | 4       | 4      | <10.0        | 2        | <1   | <1     | <0.1    | <1     | 18.1      | <1      |    |
| 13-01-2025  | SW-MO-NRML-7    | 3221/250106403   | 2.5  | 18   | 0.01    | 7.88     | <0.01           | 9.6         | -                | 11               | 2.11    | 2.1     | <1   | 115        | <1      | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 40   | <10.00      | 2       | 15     | <10.0        | 2        | 1    | 3      | <0.1    | <1     | 17.2      | <1      |    |
| 27-01-2025  | NRML 7 EXTRA    | 3221/250107701   | 1.4  | 9    | -       | -        | -               | -           | -                | -                | -       | -       | -    | -          | -       | -          | -                | -    | -     | -              | -    | -           | -       | -      | -            | -        | -    | -      | -       | -      | 13.2      | -       |    |
| 27-01-2025  | NRML 6 EXTRA    | 3221/250107702   | 4.9  | 28   | -       | -        | -               | -           | -                | -                | -       | -       | -    | -          | -       | -          | -                | -    | -     | -              | -    | -           | -       | -      | -            | -        | -    | -      | -       | -      | 18.2      | -       |    |
| 27-01-2025  | NRML 5 EXTRA    | 3221/250107703   | 1.6  | 22   | -       | -        | -               | -           | -                | -                | -       | -       | -    | -          | -       | -          | -                | -    | -     | -              | -    | -           | -       | -      | -            | -        | -    | -      | -       | -      | 10.3      | -       |    |
| 10-02-2025  | SW-MO-NRML-5    | 3221/250208901   | 1.2  | 10   | 0.14    | 7.92     | 0.04            | 6.9         | -                | 10.6             | 2.65    | 2.7     | <1   | 294        | <1      | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 21   | <10.00      | -       | -      | <10.0        | -        | -    | 2      | <1      | <0.1   | <1        | 7.6     | <1 |
| 10-02-2025  | SW-MO-NRML-6    | 3221/250208902   | 1.2  | 14   | 0.04    | 8.04     | <0.01           | 7.8         | -                | 10.4             | 1.19    | 1.3     | <1   | <100       | <1      | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 22   | <10.00      | 3       | 3      | <10.0        | 2        | <1   | <1     | <0.1    | <1     | 16.8      | <1      |    |
| 10-02-2025  | SW-MO-NRML-7    | 3221/250208903   | 0.8  | 8    | 0.04    | 8.1      | 0.01            | 6.6         | -                | 10.8             | 2.18    | 2.2     | <1   | <100       | <1      | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 13   | <10.00      | 1       | 3      | <10.0        | 1        | <1   | 2      | <0.1    | <1     | 9.9       | <1      |    |
| 21-02-2025  | SW-OT-NRML-1    | 3221/250209701   | 1.0  | 22   | <0.01   | 7.84     | 0.01            | 9.9         | -                | 9.9              | 3.03    | 3.1     | <1   | 353        | <1      | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 19   | <10.00      | 1       | 4      | <10.0        | 1        | <1   | 5      | <0.1    | <1     | 3         | <1      |    |
| 21-02-2025  | SW-OT-NRML-2    | 3221/250209702   | 1.3  | 16   | <0.01   | 7.48     | <0.01           | 10.1        | -                | 7.1              | 1.16    | 1.1     | <1   | 221        | <1      | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 8    | <10.00      | 1       | 2      | <10.0        | <1       | <1   | 2      | <0.1    | <1     | 3.4       | <1      |    |
| 21-02-2025  | SW-OT-NRML-3    | 3221/250209703   | 1.8  | 14   | 0.01    | 7.83     | <0.01           | 9.2         | -                | 9.4              | 1.86    | 1.3     | <1   | 329        | <1      | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 10   | <10.00      | 2       | 2      | <10.0        | 1        | <1   | 4      | <0.1    | <1     | 7.4       | <1      |    |
| 21-02-2025  | SW-OT-NRML-4    | 3221/250209704   | 0.9  | 21   | <0.01   | 7.98     | 0.01            | 9.4         | -                | 9.5              | 0.88    | 1       | <1   | 236        | <1      | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 8    | <10.00      | 1       | 5      | <10.0        | <1       | <1   | 5      | <0.1    | <1     | 5.8       | <1      |    |
| 21-02-2025  | SW-OT-NRML-5    | 3221/250209705   | 0.7  | 20   | <0.01   | 7.96     | 0.01            | 9.3         | -                | 9.5              | 0.9     | 1       | <1   | 205        | <1      | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 7    | <10.00      | 1       | 5      | <10.0        | 1        | <1   | 5      | <0.1    | <1     | 5.9       | <1      |    |
| 03-03-2025  | SW-OT-NRML-9    | 3221/250310407   | 1.3  | 6    | 0.06    | 8.19     | 0.03            | 11          | -                | 10.5             | 4.52    | 4.5     | <1   | 157        | <1      | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 12   | <10.00      | 1       | 4      | <10.0        | 1        | 1    | 3      | <0.1    | <1     | 5         | <1      |    |
| 10-03-2025  | SW-MO-NRML-5    | 3221/250311101   | 0.3  | 7    | 0.01    | 7.93     | 0.01            | 9.2         | -                | 7.1              | 2.11    | 2.1     | <1   | 289        | <1      | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 6    | <10.00      | 1       | <2     | <10.0        | <1       | <1   | 1      | <0.1    | <1     | 5.9       | <1      |    |
| 10-03-2025  | SW-MO-NRML-6    | 3221/250311102   | 0.3  | 15   | 0.1     | 8.04     | <0.01           | 8.8         | -                | 6.7              | 1.03    | 1.2     | <1   | 148        | <1      | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 8    | <10.00      | 3       | 3      | <10.0        | 1        | <1   | 3      | <0.1    | <1     | 18.6      | <1      |    |
| 10-03-2025  | SW-MO-NRML-7    | 3221/250311103   | 0.9  | 18   | 0.24    | 8.12     | 0.04            | 8.6         | -                | 6.4              | 1.72    | 2       | <1   | 128        | <1      | <0.1       | <2.0             | <0.1 | <0.05 | <0.1           | 8    | <10.00      | 1       | 2      | <10.0        | 1        | <1   | 2      | <0.1    | <1     | 8         | <1      |    |

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| Sample Date | Sample Location | Report Reference | BOD  | COD  | Ammonia | pH       | Ortho phosphate | Temperature | Dissolved Oxygen | Dissolved Oxygen | Nitrate | Total N | TPH  | Detergents | Benzene | Anthracene | Propylene Glycol | PAH   | PCB   | Benzo a pyrene | Zinc   | Chromium VI | Arsenic | Copper | Chromium III | Chromium | Lead | Nickel | Phenols | Xylene | Potassium | Toluene |
|-------------|-----------------|------------------|------|------|---------|----------|-----------------|-------------|------------------|------------------|---------|---------|------|------------|---------|------------|------------------|-------|-------|----------------|--------|-------------|---------|--------|--------------|----------|------|--------|---------|--------|-----------|---------|
|             |                 |                  | mg/L | mg/L | mg/L    | pH units | mg/L            | degrees C   | %                | mg/L             | mg/L    | mg/L    | ug/L | ug/L       | ug/L    | ug/L       | mg/L             | ug/L  | ug/L  | ug/L           | ug/L   | ug/L        | ug/L    | ug/L   | ug/L         | ug/L     | ug/L | ug/L   | ug/L    | ug/L   | mg/L      | ug/L    |
| 14-04-2025  | SW-MO-NRML-5    | 3221/250413601   | 1.3  | 8    | 0.01    | 7.9      | -               | <0.01       | 9.7              | 9.8              | 1.23    | 0.8     | <1   | <100       | <1      | <0.1       | <2.0             | <0.1  | <0.05 | <0.1           | 5      | <10.00      | 1       | 2      | <10.0        | <1       | <1   | 1      | <0.1    | <1     | <1        | <1      |
| 14-04-2025  | SW-MO-NRML-6    | 3221/250413602   | 0.8  | 11   | 0.12    | 8.08     | -               | 0.01        | 9.7              | 10.2             | 0.89    | 1.1     | <1   | <100       | <1      | <0.1       | <2.0             | <0.1  | <0.05 | <0.1           | <2     | <10.00      | 4       | 2      | <10.0        | 1        | <1   | 2      | <0.1    | <1     | <1        | <1      |
| 14-04-2025  | SW-MO-NRML-7    | 3221/250413603   | 0.8  | 19   | 0.14    | 7.99     | -               | 0.01        | 9.1              | 1.3              | 1.3     | 1.3     | <1   | 172        | <1      | <0.1       | <2.0             | <0.1  | <0.05 | <0.1           | 13     | <10.00      | 1       | 8      | <10.0        | 1        | <1   | 2      | <0.1    | <1     | <1        | <1      |
| 06-05-2025  | SW-MO-NRML-5    | 3221/250514801   | 1.9  | 14   | 0.03    | 7.76     | -               | <0.01       | 11.9             | 10.5             | 1.01    | 1.1     | <100 | <1         | <0.1    | <2.0       | <0.1             | <0.05 | <0.1  | 6              | <10.00 | 1           | 4       | <10.0  | 1            | <1       | 1    | <1     | <1      | <1     | 4.7       | <1      |
| 06-05-2025  | SW-MO-NRML-6    | 3221/250514802   | 0.5  | 10   | 0.09    | 7.96     | -               | <0.01       | 10.7             | 10.4             | 1.18    | 1.2     | <100 | <1         | <0.1    | <2.0       | <0.1             | <0.05 | <0.1  | 3              | -      | <10.00      | 3       | 2      | <10.0        | 2        | <1   | 3      | <1      | 17.9   | -         | <1      |
| 06-05-2025  | SW-MO-NRML-7    | 3221/250514803   | 0.9  | 7    | 0.05    | 8.08     | -               | <0.01       | 11.4             | 10.7             | 0.97    | 1.1     | <100 | <1         | <0.1    | <2.0       | <0.1             | <0.05 | <0.1  | 6              | -      | <10.00      | 1       | 2      | <10.0        | 1        | <1   | 2      | <1      | 7.3    | -         | <1      |
| 16-05-2025  | SW-MO-NRML-9    | 3221/250515607   | 1.3  | 11   | 0.06    | 8.18     | -               | 10.2        | 16.1             | 9.6              | 1.91    | 1.8     | <100 | <1         | <0.1    | <2.0       | <0.1             | <0.05 | <0.1  | 5              | -      | <10.00      | 1       | 2      | <10.0        | <1       | <1   | 3      | <1      | 3.4    | -         | <1      |
| 23-05-2025  | SW-OT-NRML-1    | 3221/250516301   | 1.4  | 21   | 0.03    | 7.78     | 0.01            | <11.7       | -                | 8.5              | 1.89    | 1.9     | <1   | 230        | <1      | <0.1       | <2.0             | <0.1  | <0.05 | <0.1           | 43     | <10.00      | 1       | 5      | <10.0        | 1        | <1   | 3      | <0.1    | <1     | 3.6       | <1      |
| 23-05-2025  | SW-OT-NRML-2    | 3221/250516302   | 0.3  | 11   | 0.05    | 7.75     | 0.01            | 11.7        | -                | 8.3              | 0.82    | 0.6     | <1   | <100       | <1      | <0.1       | <2.0             | <0.1  | <0.05 | <0.1           | 11     | <10.00      | 1       | <2     | <10.0        | <1       | <1   | <1     | <0.1    | <1     | 5.9       | <1      |
| 23-05-2025  | SW-OT-NRML-3    | 3221/250516303   | 0.1  | 8    | 0.02    | 7.5      | 0.01            | 12.5        | -                | 6.8              | <0.51   | 0.6     | <1   | <100       | <1      | <0.1       | <2.0             | <0.1  | <0.05 | <0.1           | 44     | <10.00      | 2       | <2     | <10.0        | <1       | <1   | 3      | <0.1    | <1     | 10.1      | <1      |
| 23-05-2025  | SW-OT-NRML-4    | 3221/250516304   | 0.9  | 16   | 0.02    | 8.02     | 0.01            | 13.6        | -                | 7.9              | 0.93    | 1       | <1   | <100       | <1      | <0.1       | <2.0             | <0.1  | <0.05 | <0.1           | 13     | <10.00      | 1       | 8      | <10.0        | 1        | <1   | 4      | <0.1    | <1     | 7         | <1      |
| 23-05-2025  | SW-OT-NRML-5    | 3221/250516305   | 0.5  | 12   | 0.04    | 7.49     | 0.01            | 13.9        | -                | 8.7              | 1.64    | 1.4     | <1   | <100       | <1      | <0.1       | <2.0             | <0.1  | <0.05 | <0.1           | 41     | <10.00      | 1       | 3      | <10.0        | 1        | <1   | 5      | <0.1    | <1     | 5.1       | <1      |
| 24-06-2025  | SW-MO-NRML-5    | 3221/250618401   | 0.5  | 10   | <0.01   | 7.91     | 0.01            | 14.9        | -                | 10.1             | <0.51   | 0.4     | <1   | 178        | <1      | <0.1       | <2.0             | <0.1  | <0.05 | <0.1           | 6      | <10.00      | 1       | 4      | <10.0        | 1        | <1   | 1      | <0.1    | <1     | 5.5       | <1      |
| 24-06-2025  | SW-MO-NRML-6    | 3221/250618402   | 0.5  | 10   | 0.03    | 8.27     | 0.01            | 14          | -                | 9                | 0.96    | 1.2     | <1   | 197        | <1      | <0.1       | <2.0             | <0.1  | <0.05 | <0.1           | 4      | <10.00      | 2       | 3      | <10.0        | 2        | <1   | 2      | <0.1    | <1     | 18.9      | <1      |
| 24-06-2025  | SW-MO-NRML-7    | 3221/250618403   | 1.2  | 19   | 0.42    | 8.02     | 0.09            | 14.8        | -                | 8.4              | 0.63    | 1.4     | <1   | 291        | <1      | <0.1       | <2.0             | <0.1  | <0.05 | <0.1           | 17     | <10.00      | 1       | 10     | <10.0        | 2        | <1   | 2      | <0.1    | <1     | 7.9       | <1      |

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| Sample Date | Sample Location | Report Reference | BOD | COD | Ammonia | pH | Ortho phosphate | Temperature | Dissolved Oxygen | Dissolved Oxygen | Nitrate | Total N | TPH | Detergents | Benzene | Anthracene | Propylene Glycol | PAH | PCB | Benzo a pyrene | Zinc | Chromium VI | Arsenic | Copper | Chromium III | Chromium | Lead | Nickel |
|-------------|-----------------|------------------|-----|-----|---------|----|-----------------|-------------|------------------|------------------|---------|---------|-----|------------|---------|------------|------------------|-----|-----|----------------|------|-------------|---------|--------|--------------|----------|------|--------|
|-------------|-----------------|------------------|-----|-----|---------|----|-----------------|-------------|------------------|------------------|---------|---------|-----|------------|---------|------------|------------------|-----|-----|----------------|------|-------------|---------|--------|--------------|----------|------|--------|