North Richmond Water Resource Recovery Facility March Pollution Monitoring Summary

EPL 190

Summary period: 01-03-2024 to 31-03-2024

Date obtained: 08-04-2024

Date published: 18-04-2024

Sydney **WAT ₹R**

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Table 1: 3 Day Geometric Mean data

| EPA Point 4 Site code NR0004 | Point descrip | Point description: Downstream of the weir from the disinfection facilities | | | | | | |
|---------------------------------|-----------------|--|------------|-------------|---------------|--|--|--|
| pollutant | unit of measure | sampling frequency | 3DGM limit | 3DGM Actual | within limits | | | |
| biochemical oxygen demand | mg/L | monthly | 30 | <2 | yes | | | |
| total suspended solids | mg/L | mg/L monthly 10 3 yes | | | | | | |

³ Day Geometric Mean (3DGM) is a way to average a set of values and is commonly used with water quality assessments which show a great deal of variability. 3DGM is calculated by multiplying the results of the analysis of three samples collected on three consecutive days and then taking the cubed root of that amount.

Table 2: Routine monitoring data

| EPA Point 4 Site code NR0004 | Point descrip facilities | Point description: Downstream of the weir from the disinfection facilities | | | | | |
|---------------------------------|--------------------------|--|-------------------|-------------------|----------------|-------------------|--|
| pollutant | unit of measure | sampling frequency | number of samples | minimum result | mean result | maximum result | |
| aluminium | ug/L | monthly | 1 | - | _ | 496 | |
| biochemical oxygen demand | mg/L | every 6 days | 5 | <2 | <2 | <2 | |
| copper | ug/L | monthly | 1 | - | _ | 7.8 | |
| diazinon | ug/L | monthly | 1 | - | _ | <0.1 | |
| iron | ug/L | monthly | 1 | - | _ | 34 | |
| nitrogen (ammonia) | mg/L | every 6 days | 5 | 0.46 | 0.55 | 0.61 | |
| nitrogen (total) | mg/L | every 6 days | 5 | 8.38 | 9.37 | 10.3 | |
| phosphorus (total) | mg/L | every 6 days | 5 | 0.4 | 0.45 | 0.52 | |
| total suspended solids | mg/L | every 6 days | 5 | <2 | 3 | 4 | |
| zinc | ug/L | monthly | 1 | _ | _ | 23 | |

| EPA Point 5 Site code NR0005 | Point description: Outlet of the disinfection facilities | | | | | | |
|--|--|-----------------------|-------------------|-------------------|----------------|----------------|--|
| pollutant | unit of measure | sampling frequency | number of samples | minimum result | mean result | maximum result | |
| Ceriodaphnia dubia immobilisation (EC50) | % Effluent/Vol | monthly | 1 | - | _ | 100 | |
| faecal coliforms | CFU/100mL | every 6 days | 6 | <1 | 735 | 4,400 | |
| hydrogen sulphide (unionised) | ug/L | monthly | 1 | - | _ | <30 | |

Average and percentile limits are only applied annually for routine monitoring data in Table 2.

North Richmond Water Resource Recovery Facility February Pollution Monitoring Summary

EPL 190

Summary period: 01-02-2024 to 29-02-2024

Date obtained: 12-03-2024

Date published: 25-03-2024

Sydney **WAT≈R**

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Table 1: 3 Day Geometric Mean data

| EPA Point 4 Site code NR0004 | Point descrip | Point description: Downstream of the weir from the disinfection facilities | | | | | | |
|---------------------------------|-----------------|--|------------|-------------|---------------|--|--|--|
| pollutant | unit of measure | sampling frequency | 3DGM limit | 3DGM Actual | within limits | | | |
| biochemical oxygen demand | mg/L | monthly | 30 | 2 | yes | | | |
| total suspended solids | mg/L | monthly | 10 | 8 | yes | | | |

³ Day Geometric Mean (3DGM) is a way to average a set of values and is commonly used with water quality assessments which show a great deal of variability. 3DGM is calculated by multiplying the results of the analysis of three samples collected on three consecutive days and then taking the cubed root of that amount.

Table 2: Routine monitoring data

| EPA Point 4 Site code NR0004 | Point description: Downstream of the weir from the disinfection facilities | | | | | |
|---------------------------------|--|-----------------------|-------------------|-------------------|----------------|-------------------|
| pollutant | unit of measure | sampling frequency | number of samples | minimum result | mean result | maximum result |
| aluminium | ug/L | monthly | 1 | _ | - | 650 |
| biochemical oxygen demand | mg/L | every 6 days | 5 | <2 | <2 | 3 |
| copper | ug/L | monthly | 1 | - | _ | 11.4 |
| cyanide | ug/L | bi-annually | 1 | _ | - | <5 |
| diazinon | ug/L | monthly | 1 | - | - | <0.1 |
| iron | ug/L | monthly | 1 | _ | - | 52 |
| nitrogen (ammonia) | mg/L | every 6 days | 5 | 0.65 | 1.68 | 3.33 |
| nitrogen (total) | mg/L | every 6 days | 5 | 9.38 | 13.38 | 17.7 |
| phosphorus (total) | mg/L | every 6 days | 5 | 0.57 | 1.16 | 2.18 |
| total suspended solids | mg/L | every 6 days | 5 | 5 | 8 | 15 |
| zinc | ug/L | monthly | 1 | - | _ | 33 |

| EPA Point 5 Site code NR0005 | Point description: Outlet of the disinfection facilities | | | | | |
|--|--|-----------------------|-------------------|-------------------|----------------|-------------------|
| pollutant | unit of measure | sampling frequency | number of samples | minimum result | mean result | maximum result |
| Ceriodaphnia dubia immobilisation (EC50) | % Effluent/Vol | monthly | 1 | - | _ | 100 |
| faecal coliforms | CFU/100mL | every 6 days | 4 | <1 | 1231 | 4,900 |
| hydrogen sulphide (unionised) | ug/L | monthly | 1 | - | _ | <30 |

Average and percentile limits are only applied annually for routine monitoring data in Table 2.

North Richmond Water Resource Recovery Facility January Pollution Monitoring Summary

EPL 190

Summary period: 01-01-2024 to 31-01-2024

Date obtained: 07-02-2024

Date published: 19-02-2024

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PARRAMATTA NSW 2124

Table 1: 3 Day Geometric Mean data

| EPA Point 4 Site code NR0004 | Point descrip | Point description: Downstream of the weir from the disinfection facilities | | | | | | |
|---------------------------------|--------------------|--|------------|-------------|---------------|--|--|--|
| pollutant | unit of measure | sampling frequency | 3DGM limit | 3DGM Actual | within limits | | | |
| biochemical oxygen demand | mg/L | monthly | 30 | <2 | yes | | | |
| total suspended solids | mg/L | monthly | 10 | 5 | yes | | | |

³ Day Geometric Mean (3DGM) is a way to average a set of values and is commonly used with water quality assessments which show a great deal of variability. 3DGM is calculated by multiplying the results of the analysis of three samples collected on three consecutive days and then taking the cubed root of that amount.

Table 2: Routine monitoring data

| EPA Point 4 Site code NR0004 | Point description: Downstream of the weir from the disinfection facilities | | | | | |
|---------------------------------|--|-----------------------|-------------------|-------------------|----------------|----------------|
| pollutant | unit of measure | sampling frequency | number of samples | minimum result | mean result | maximum result |
| aluminium | ug/L | monthly | 1 | - | - | 669 |
| biochemical oxygen demand | mg/L | every 6 days | 5 | <2 | <2 | <2 |
| copper | ug/L | monthly | 1 | - | - | 5.5 |
| diazinon | ug/L | monthly | 1 | - | - | <0.1 |
| iron | ug/L | monthly | 1 | - | - | 55 |
| nitrogen (ammonia) | mg/L | every 6 days | 5 | 0.74 | 0.96 | 1.57 |
| nitrogen (total) | mg/L | every 6 days | 5 | 8.16 | 9.31 | 10.1 |
| phosphorus (total) | mg/L | every 6 days | 5 | 0.31 | 0.38 | 0.5 |
| total suspended solids | mg/L | every 6 days | 5 | 3 | 4 | 5 |
| zinc | ug/L | monthly | 1 | - | - | 16 |

| EPA Point 5 Site code NR0005 | Point description: Outlet of the disinfection facilities | | | | | |
|--|--|-----------------------|-------------------|-------------------|----------------|-------------------|
| pollutant | unit of measure | sampling frequency | number of samples | minimum result | mean result | maximum result |
| Ceriodaphnia dubia immobilisation (EC50) | % Effluent/Vol | monthly | 1 | _ | - | 100 |
| faecal coliforms | CFU/100mL | every 6 days | 6 | 2 | 22 | 52 |
| hydrogen sulphide (unionised) | ug/L | monthly | 1 | - | - | <30 |

Average and percentile limits are only applied annually for routine monitoring data in Table 2.

North Richmond Water Resource Recovery Facility December Pollution Monitoring Summary

EPL 190

Summary period: 01-12-2023 to 31-12-2023

Date obtained: 10-01-2024

Date published: 22-01-2024

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PARRAMATTA NSW 2124

Table 1: 3 Day Geometric Mean data

| EPA Point 4 Site code NR0004 | Point descrip | Point description: Downstream of the weir from the disinfection facilities | | | | | | |
|---------------------------------|--------------------|--|------------|-------------|---------------|--|--|--|
| pollutant | unit of measure | sampling frequency | 3DGM limit | 3DGM Actual | within limits | | | |
| biochemical oxygen demand | mg/L | monthly | 30 | 3 | yes | | | |
| total suspended solids | mg/L | monthly | 10 | 9 | yes | | | |

³ Day Geometric Mean (3DGM) is a way to average a set of values and is commonly used with water quality assessments which show a great deal of variability. 3DGM is calculated by multiplying the results of the analysis of three samples collected on three consecutive days and then taking the cubed root of that amount.

Table 2: Routine monitoring data

| EPA Point 4 Site code NR0004 | Point description: Downstream of the weir from the disinfection facilities | | | | | |
|---------------------------------|--|-----------------------|-------------------|-------------------|----------------|-------------------|
| pollutant | unit of measure | sampling frequency | number of samples | minimum result | mean result | maximum result |
| aluminium | ug/L | monthly | 1 | _ | - | 558 |
| biochemical oxygen demand | mg/L | every 6 days | 6 | <2 | <2 | 3 |
| copper | ug/L | monthly | 1 | _ | - | 8.9 |
| diazinon | ug/L | monthly | 1 | - | - | <0.1 |
| iron | ug/L | monthly | 1 | _ | - | 34 |
| nitrogen (ammonia) | mg/L | every 6 days | 6 | 0.28 | 0.53 | 0.9 |
| nitrogen (total) | mg/L | every 6 days | 6 | 8.27 | 9.42 | 10.9 |
| phosphorus (total) | mg/L | every 6 days | 6 | 0.25 | 0.41 | 0.66 |
| total suspended solids | mg/L | every 6 days | 6 | 2 | 5 | 8 |
| zinc | ug/L | monthly | 1 | - | - | 31 |

| EPA Point 5 Site code NR0005 | Point description: Outlet of the disinfection facilities | | | | | |
|--|--|-----------------------|-------------------|-------------------|----------------|-------------------|
| pollutant | unit of measure | sampling frequency | number of samples | minimum result | mean result | maximum result |
| Ceriodaphnia dubia immobilisation (EC50) | % Effluent/Vol | monthly | 1 | - | - | 100 |
| faecal coliforms | CFU/100mL | every 6 days | 5 | 3 | 884 | 2,200 |
| hydrogen sulphide (unionised) | ug/L | monthly | 1 | _ | - | <30 |

Average and percentile limits are only applied annually for routine monitoring data in Table 2.

North Richmond Water Resource Recovery Facility November Pollution Monitoring Summary

EPL 190

Summary period: 01-11-2023 to 30-11-2023

Date obtained: 06-12-2023Á

Date published: 1I -12-2023Á

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PARRAMATTA NSW 2124

Table 1: 3 Day Geometric Mean data

| EPA Point 4 Site code NR0004 | Point descrip | Point description: Downstream of the weir from the disinfection facilities | | | | | | |
|---------------------------------|--------------------|--|------------|-------------|---------------|--|--|--|
| pollutant | unit of measure | sampling frequency | 3DGM limit | 3DGM Actual | within limits | | | |
| biochemical oxygen demand | mg/L | monthly | 30 | 2 | yes | | | |
| total suspended solids | mg/L | monthly | 10 | 3 | yes | | | |

³ Day Geometric Mean (3DGM) is a way to average a set of values and is commonly used with water quality assessments which show a great deal of variability. 3DGM is calculated by multiplying the results of the analysis of three samples collected on three consecutive days and then taking the cubed root of that amount.

Table 2: Routine monitoring data

| EPA Point 4 Site code NR0004 | Point descrip facilities | Point description: Downstream of the weir from the disinfection facilities | | | | | |
|---------------------------------|--------------------------|--|-------------------|-------------------|----------------|-------------------|--|
| pollutant | unit of measure | sampling frequency | number of samples | minimum result | mean result | maximum result | |
| aluminium | ug/L | monthly | 1 | - | _ | 343 | |
| biochemical oxygen demand | mg/L | every 6 days | 5 | <2 | <2 | 3 | |
| copper | ug/L | monthly | 1 | - | - | 8.8 | |
| diazinon | ug/L | monthly | 1 | - | - | <0.1 | |
| iron | ug/L | monthly | 1 | - | - | 51 | |
| nitrogen (ammonia) | mg/L | every 6 days | 5 | 0.44 | 0.66 | 0.84 | |
| nitrogen (total) | mg/L | every 6 days | 5 | 7.67 | 8.77 | 9.86 | |
| phosphorus (total) | mg/L | every 6 days | 5 | 0.2 | 0.26 | 0.33 | |
| total suspended solids | mg/L | every 6 days | 5 | 2 | 3 | 5 | |
| zinc | ug/L | monthly | 1 | - | - | 33 | |

| EPA Point 5 Site code NR0005 | Point description: Outlet of the disinfection facilities | | | | | | |
|--|--|-----------------------|-------------------|-------------------|----------------|-------------------|--|
| pollutant | unit of measure | sampling frequency | number of samples | minimum result | mean result | maximum result | |
| Ceriodaphnia dubia immobilisation (EC50) | % Effluent/Vol | monthly | 1 | - | - | 100 | |
| faecal coliforms | CFU/100mL | every 6 days | 5 | 20 | 138 | 350 | |
| hydrogen sulphide (unionised) | ug/L | monthly | 1 | - | - | <30 | |

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North Richmond Water Resource Recovery Facility October Pollution Monitoring Summary

EPL 190

Summary period: 01-10-2023 to 31-10-2023

Date obtained: 03-11-2023

Date published: 17-11-2023

Sydney **WAT≨R**

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Table 1: 3 Day Geometric Mean data

| EPA Point 4 Site code NR0004 | Point descrip | Point description: Downstream of the weir from the disinfection facilities | | | | | | |
|---------------------------------|-----------------|--|----|---|-----|--|--|--|
| pollutant | unit of measure | 3DGM limit 3DGM Actual within limits | | | | | | |
| biochemical oxygen demand | mg/L | monthly | 30 | 2 | yes | | | |
| total suspended solids | mg/L | monthly | 10 | 4 | yes | | | |

³ Day Geometric Mean (3DGM) is a way to average a set of values and is commonly used with water quality assessments which show a great deal of variability. 3DGM is calculated by multiplying the results of the analysis of three samples collected on three consecutive days and then taking the cubed root of that amount.

Table 2: Routine monitoring data

| EPA Point 4 Site code NR0004 | Point descrip facilities | Point description: Downstream of the weir from the disinfection facilities | | | | | |
|---------------------------------|--------------------------|--|-------------------|-------------------|----------------|-------------------|--|
| pollutant | unit of measure | sampling frequency | number of samples | minimum result | mean result | maximum result | |
| aluminium | ug/L | monthly | 1 | - | _ | 326 | |
| biochemical oxygen demand | mg/L | every 6 days | 5 | <2 | <2 | 4 | |
| copper | ug/L | monthly | 1 | - | - | 7.3 | |
| diazinon | ug/L | monthly | 1 | - | - | <0.1 | |
| iron | ug/L | monthly | 1 | - | - | 21 | |
| nitrogen (ammonia) | mg/L | every 6 days | 5 | 0.32 | 0.89 | 1.44 | |
| nitrogen (total) | mg/L | every 6 days | 5 | 8.42 | 9.17 | 9.85 | |
| phosphorus (total) | mg/L | every 6 days | 5 | 0.14 | 0.2 | 0.26 | |
| total suspended solids | mg/L | every 6 days | 5 | 3 | 5 | 6 | |
| zinc | ug/L | monthly | 1 | - | - | 32 | |

| EPA Point 5 Site code NR0005 | Point description: Outlet of the disinfection facilities | | | | | | |
|--|--|-----------------------|-------------------|-------------------|----------------|-------------------|--|
| pollutant | unit of measure | sampling frequency | number of samples | minimum result | mean result | maximum result | |
| Ceriodaphnia dubia immobilisation (EC50) | % Effluent/Vol | monthly | 1 | _ | _ | 100 | |
| faecal coliforms | CFU/100mL | every 6 days | 5 | 2 | 82 | 260 | |
| hydrogen sulphide (unionised) | ug/L | monthly | 1 | - | - | <30 | |

Average and percentile limits are only applied annually for routine monitoring data in Table 2.

North Richmond Water Resource Recovery Facility **September Pollution Monitoring Summary** Sydney

EPL 190

Summary period: 01-09-2023 to 30-09-2023

Date obtained: 09-10-2023

Date published: 13-10-2023

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Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Table 1: 3 Day Geometric Mean data

| EPA Point 4 Site code NR0004 | Point descrip | Point description: Downstream of the weir from the disinfection facilities | | | | | | |
|---------------------------------|--------------------|--|------------|-------------|---------------|--|--|--|
| pollutant | unit of measure | sampling frequency | 3DGM limit | 3DGM Actual | within limits | | | |
| biochemical oxygen demand | mg/L | monthly | 30 | <2 | yes | | | |
| total suspended solids | mg/L | monthly | 10 | 3 | yes | | | |

³ Day Geometric Mean (3DGM) is a way to average a set of values and is commonly used with water quality assessments which show a great deal of variability. 3DGM is calculated by multiplying the results of the analysis of three samples collected on three consecutive days and then taking the cubed root of that amount.

Table 2: Routine monitoring data

| EPA Point 4 Site code NR0004 | Point descrip facilities | Point description: Downstream of the weir from the disinfection facilities | | | | | |
|---------------------------------|--------------------------|--|-------------------|----------------|----------------|-------------------|--|
| pollutant | unit of measure | sampling frequency | number of samples | minimum result | mean result | maximum result | |
| aluminium | ug/L | monthly | 1 | - | _ | 424 | |
| biochemical oxygen demand | mg/L | every 6 days | 5 | <2 | <2 | 2 | |
| copper | ug/L | monthly | 1 | - | _ | 4.1 | |
| diazinon | ug/L | monthly | 1 | - | _ | <0.1 | |
| iron | ug/L | monthly | 1 | - | _ | 19 | |
| nitrogen (ammonia) | mg/L | every 6 days | 5 | 1.23 | 1.39 | 1.47 | |
| nitrogen (total) | mg/L | every 6 days | 5 | 7.16 | 7.86 | 8.63 | |
| phosphorus (total) | mg/L | every 6 days | 5 | 0.11 | 0.16 | 0.21 | |
| total suspended solids | mg/L | every 6 days | 5 | 3 | 4 | 4 | |
| zinc | ug/L | monthly | 1 | - | _ | 38 | |

| EPA Point 5 Site code NR0005 | Point description: Outlet of the disinfection facilities | | | | | | |
|--|--|-----------------------|-------------------|-------------------|----------------|-------------------|--|
| pollutant | unit of measure | sampling frequency | number of samples | minimum result | mean result | maximum result | |
| Ceriodaphnia dubia immobilisation (EC50) | % Effluent/Vol | monthly | 1 | - | - | 100 | |
| faecal coliforms | CFU/100mL | every 6 days | 5 | 1 | 55 | 260 | |
| hydrogen sulphide (unionised) | ug/L | monthly | 1 | - | - | <30 | |

Average and percentile limits are only applied annually for routine monitoring data in Table 2.

North Richmond Water Resource Recovery Facility August Pollution Monitoring Summary

EPL 190

Summary period: 01-08-2023 to 31-08-2023

Date obtained: 05-09-2023

Date published: 14-09-2023

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Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Table 1: 3 Day Geometric Mean data

| EPA Point 4 Site code NR0004 | Point descrip | Point description: Downstream of the weir from the disinfection facilities | | | | | | |
|---------------------------------|--------------------|--|------------|-------------|---------------|--|--|--|
| pollutant | unit of measure | sampling frequency | 3DGM limit | 3DGM Actual | within limits | | | |
| biochemical oxygen demand | mg/L | monthly | 30 | <2 | yes | | | |
| total suspended solids | mg/L | monthly | 10 | 4 | yes | | | |

³ Day Geometric Mean (3DGM) is a way to average a set of values and is commonly used with water quality assessments which show a great deal of variability. 3DGM is calculated by multiplying the results of the analysis of three samples collected on three consecutive days and then taking the cubed root of that amount.

Table 2: Routine monitoring data

| EPA Point 4 Site code NR0004 | Point description: Downstream of the weir from the disinfection facilities | | | | | |
|---------------------------------|--|-----------------------|-------------------|-------------------|----------------|----------------|
| pollutant | unit of measure | sampling frequency | number of samples | minimum result | mean result | maximum result |
| aluminium | ug/L | monthly | 1 | _ | _ | 743 |
| biochemical oxygen demand | mg/L | every 6 days | 5 | <2 | <2 | 2 |
| copper | ug/L | monthly | 1 | _ | _ | 5.3 |
| cyanide | ug/L | bi-annually | 1 | _ | _ | <5 |
| diazinon | ug/L | monthly | 1 | - | _ | <0.1 |
| iron | ug/L | monthly | 1 | _ | _ | 21 |
| nitrogen (ammonia) | mg/L | every 6 days | 5 | 0.77 | 1.08 | 1.44 |
| nitrogen (total) | mg/L | every 6 days | 5 | 6.15 | 8.38 | 11.2 |
| phosphorus (total) | mg/L | every 6 days | 5 | 0.17 | 0.25 | 0.38 |
| total suspended solids | mg/L | every 6 days | 5 | 4 | 5 | 8 |
| zinc | ug/L | monthly | 1 | - | - | 28 |

| EPA Point 5 Site code NR0005 | Point description: Outlet of the disinfection facilities | | | | | | |
|--|--|-----------------------|-------------------|-------------------|----------------|-------------------|--|
| pollutant | unit of measure | sampling frequency | number of samples | minimum result | mean result | maximum result | |
| Ceriodaphnia dubia immobilisation (EC50) | % Effluent/Vol | monthly | 1 | - | _ | 100 | |
| faecal coliforms | CFU/100mL | every 6 days | 5 | <1 | 7 | 30 | |
| hydrogen sulphide (unionised) | ug/L | monthly | 1 | - | - | <30 | |

Average and percentile limits are only applied annually for routine monitoring data in Table 2.

North Richmond Water Resource Recovery Facility July Pollution Monitoring Summary

EPL 190

Summary period: 01-07-2023 to 31-07-2023

Date obtained: 05-08-2023

Date published: 15-08-2023

Sydney **WAT ₹**R

Licensee: Sydney Water Corporation

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PARRAMATTA NSW 2124

Table 1: 3 Day Geometric Mean data

| EPA Point 4 Site code NR0004 | Point descrip | Point description: Downstream of the weir from the disinfection facilities | | | | | |
|---------------------------------|--------------------|--|------------|-------------|---------------|--|--|
| pollutant | unit of measure | sampling frequency | 3DGM limit | 3DGM Actual | within limits | | |
| biochemical oxygen demand | mg/L | monthly | 30 | <2 | yes | | |
| total suspended solids | mg/L | monthly | 10 | 2 | yes | | |

³ Day Geometric Mean (3DGM) is a way to average a set of values and is commonly used with water quality assessments which show a great deal of variability. 3DGM is calculated by multiplying the results of the analysis of three samples collected on three consecutive days and then taking the cubed root of that amount.

Table 2: Routine monitoring data

| EPA Point 4 Site code NR0004 | Point description: Downstream of the weir from the disinfection facilities | | | | | |
|---------------------------------|--|--------------------|-------------------|-------------------|----------------|----------------|
| pollutant | unit of measure | sampling frequency | number of samples | minimum result | mean result | maximum result |
| aluminium | ug/L | monthly | 1 | - | - | 303 |
| biochemical oxygen demand | mg/L | every 6 days | 5 | <2 | <2 | <2 |
| copper | ug/L | monthly | 1 | - | - | 3.6 |
| diazinon | ug/L | monthly | 1 | - | - | <0.1 |
| iron | ug/L | monthly | 1 | - | - | 18 |
| nitrogen (ammonia) | mg/L | every 6 days | 5 | 0.95 | 1.14 | 1.47 |
| nitrogen (total) | mg/L | every 6 days | 5 | 6.06 | 7.29 | 8.07 |
| phosphorus (total) | mg/L | every 6 days | 5 | 0.07 | 0.11 | 0.18 |
| total suspended solids | mg/L | every 6 days | 5 | <2 | 2 | 8 |
| zinc | ug/L | monthly | 1 | - | - | 37 |

| EPA Point 5 Site code NR0005 | Point description: Outlet of the disinfection facilities | | | | | | |
|--|--|-----------------------|-------------------|-------------------|----------------|-------------------|--|
| pollutant | unit of measure | sampling frequency | number of samples | minimum result | mean result | maximum result | |
| Ceriodaphnia dubia immobilisation (EC50) | % Effluent/Vol | monthly | 1 | - | - | 100 | |
| faecal coliforms | CFU/100mL | every 6 days | 5 | <1 | 9 | 44 | |
| hydrogen sulphide (unionised) | ug/L | monthly | 1 | - | - | <30 | |

Average and percentile limits are only applied annually for routine monitoring data in Table 2.