# PHYTOPLANKTON ANALYSIS REPORT

Report no: 284006
Supercedes Report No:

Depth : N/A
Chlorophyll a: NA
Microcystin equivalents: NA
Date analysed: 5/05/2023

Lims No: L23034937
Date Sampled: 24/04/2023
Analyst: [redacted]

Client ID: 232614
Address: [redacted]
Site:

Client: Department of Planning and Environment

Method: MA70CENT

Issued By : Sydney Water Laboratory Services
Issued On : 05/05/2023

Disclaimer: Samples analysed as received.

## TAXA

| | Cells/ mL | Significance | ASU/ mL | Biovolum mm3/L |
|---|---|---|---|---|
| **Cyanophyta (Blue green)** | | | | |
| *Anabaena* | 208 | Taste & Odour | 30.57 | 0.022 |
| *Anabaenopsis* | 3042 | Potentially toxic | 209.89 | 0.360 |
| *Anagnostidinema* | 278 | | 8.39 | 0.004 |
| *Aphanocapsa* | 35102 | | 133.38 | 0.045 |
| *Cyanocatena* | 1237439 | | 4,702.26 | 1.752 |
| *Cyanogranis* | 16223 | | 48.66 | 0.011 |
| *Cyanonephron* | 21385 | | 47.04 | 0.008 |
| *Dolichospermum* | 1457 | Potentially toxic, taste & odour | 133.16 | 0.236 |
| *Merismopedia* | 16260 | | 16.26 | 0.136 |
| *Microcystis* | 2904 | Potentially toxic, taste & odour | 81.60 | 0.080 |
| *Myxobaktron* | 1475 | | 25.96 | 0.007 |
| *Pseudanabaena* | 13274 | | 106.19 | 0.132 |
| *Sphaerospermopsis reniformis* | 1145 | Taste & Odour | 45.91 | 0.053 |
| *Spirulina* | 737 | | 11.05 | 0.002 |
| *Synechococcus cf* | 737 | | 9.06 | 0.004 |
| ***Subtotal*** | 1351666 | | 5,609.38 | 2.852 |
| **Bacillariophyta (Diatom)** | | | | |
| *Aulacoseira* | 1041 | Filter clogging | 423.68 | 0.625 |
| *Cyclotella* | 12905 | Filter clogging | 877.54 | 1.006 |
| *Cyclotella species 4* | 35 | Filter clogging | 54.63 | 0.493 |
| *Cyclotella/Stephanodiscus* | 3687 | Filter clogging | 197.25 | 0.292 |
| *Cylindrotheca closterium* | 104 | | 34.30 | 0.025 |
| *Nitzschia* | 1214 | | 262.22 | 0.122 |
| *Skeletonema* | 2212 | Filter clogging | 1,659.00 | 0.145 |
| *Synedra* | 208 | | 123.55 | 0.114 |

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Date Sampled: 24/04/2023
Analyst: [redacted]

Client ID: 232614
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Method: MA70CENT

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## TAXA

| | Cells/ mL | Significance | ASU/ mL | Biovolum mm3/L |
|---|---|---|---|---|
| ***Subtotal*** | 21406 | | 3,632.17 | 2.822 |
| **Euglenophyta (Euglenoid)** | | | | |
| *Euglena* | 694 | Discolouration of water | 1,226.99 | 1.605 |
| *Phacus* | 35 | | 221.83 | 0.121 |
| *Trachelomonas* | 278 | Common after flood | 780.06 | 0.628 |
| ***Subtotal*** | 1007 | | 2,228.88 | 2.354 |
| **Chlorophyta (Green)** | | | | |
| *Actinastrum* | 369 | | 23.24 | 0.007 |
| *Ankistrodesmus* | 2212 | | 831.71 | 0.298 |
| *Carteria* | 369 | | 54.98 | 0.022 |
| *Chlamydomonas* | 2212 | Taste & Odour | 176.96 | 0.188 |
| *Crucigenia* | 7743 | | 61.94 | 0.147 |
| *Dictyosphaerium* | 5199 | | 374.32 | 0.077 |
| *Elakatothrix* | 69 | | 6.00 | 0.002 |
| *Kirchneriella* | 2950 | | 147.50 | 0.056 |
| *Koliella* | 1106 | Filter clogging | 16.59 | 0.001 |
| *Lagerheimia* | 369 | | 71.21 | 0.088 |
| *Micractinium* | 173 | | 2.24 | 0.002 |
| *Monoraphidium cf* | 4793 | | 128.45 | 0.093 |
| *Oocystis* | 7079 | | 672.50 | 0.722 |
| *Pediastrum* | 697 | | 83.64 | 0.032 |
| *Scenedesmus species 1* | 19468 | | 1,518.50 | 1.068 |
| *Schroederia* | 1844 | | 374.33 | 0.252 |
| *Selenastrum* | 737 | | 500.42 | 0.481 |
| *Sphaerocystis* | 2950 | | 333.35 | 0.085 |
| *Tetraedron* | 1106 | | 470.05 | 0.110 |

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Chlorophyll a: NA

Microcystin equivalents: NA

Date analysed: 5/05/2023

Lims No: L23034937

Date Sampled: 24/04/2023

Analyst: [redacted]

Client ID: 232614

Address: [redacted]

Site:

Client: Department of Planning and Environment

Method: MA70CENT

Issued By : Sydney Water Laboratory Services

Issued On : 05/05/2023

Disclaimer: Samples analysed as received.

## TAXA

| | Cells/ mL | Significance | ASU/ mL | Biovolum mm3/L |
|---|---|---|---|---|
| *Tetrastrum* | 2950 | | 404.15 | 0.507 |
| ***Subtotal*** | 64395 | | 6,252.08 | 4.238 |
| **Cryptophyta (Monad)** | | | | |
| *Chroomonas* | 737 | Common after flood | 176.88 | 0.182 |
| *Cryptomonas* | 2581 | Common after flood, Taste & Odour | 1,393.74 | 2.451 |
| ***Subtotal*** | 3318 | | 1,570.62 | 2.633 |

| | Cells/ mL | ASU/ mL | Biovolume mm3/L |
|---|---|---|---|
| **Total Blue Green** | 1352000 | 5609.00 | 2.850 |
| *** Potentially Toxic Blue Green** | 7400 | 424.70 | 0.676 |
| *** Potentially Toxic Algae** | 7400 | 424.70 | 0.676 |
| **Total Algae** | 1442000 | 19290.00 | 14.900 |

**Comment:**

**Debris present in the sample.**

*Taxa with potential to produce toxins.

ASU : One ASU (Area Standard Unit) equals 400µm² of algal cells (as cross sectional area)

Biovolume : Biovolume is calculated from cell linear dimensions. Guidelines based on Biovolume.

Coccoid Blue Green Picoplankton: *Aphanocapsa; Aphanothece; Cyanogranis; Cyanonephron; Cyanocatena; Gloeocapsa; Gloeothece ; Cyanodictyon*

**Phycology**

**Sydney Water Approved Signatory:**

[redacted]

Where a result is required to meet a compliance limit or specification the associated uncertainty must be considered.
Uncertainty estimates are available for all accredited test results.

**Accreditation No.:** 610 Biological testing
Accredited for compliance with ISO/IEC 17025

# PHYTOPLANKTON ANALYSIS REPORT

Report no: 284006
Supercedes Report No:

Depth : N/A
Chlorophyll a: NA
Microcystin equivalents: NA
Date analysed: 5/05/2023

Lims No: L23034938
Date Sampled: 24/04/2023
Analyst: [redacted]

Client ID: 232615
Address: [redacted]
Site:

Client: Department of Planning and Environment

Method: MA70CENT

Issued By : Sydney Water Laboratory Services
Issued On : 05/05/2023

Disclaimer: Samples analysed as received.

## TAXA

| | Cells/ mL | Significance | ASU/ mL | Biovolum mm3/L |
|---|---|---|---|---|
| **Cyanophyta (Blue green)** | | | | |
| *Anabaenopsis* | 937 | Potentially toxic | 64.65 | 0.111 |
| *Aphanizomenonaceae* | 312 | Potentially toxic, taste & odour | 20.90 | 0.032 |
| *Aphanocapsa* | 20574 | | 78.18 | 0.026 |
| *Cyanocatena* | 566897 | | 2,154.20 | 0.802 |
| *Cyanodictyon* | 5899 | | 12.97 | 0.003 |
| *Cyanonephron* | 14011 | | 30.82 | 0.005 |
| *Merismopedia* | 27285 | | 27.28 | 0.229 |
| *Microcystis* | 1977 | Potentially toxic, taste & odour | 55.55 | 0.054 |
| *Planktolyngbya* | 37977 | Filter clogging | 379.77 | 3.038 |
| *Pseudanabaena* | 17035 | | 136.28 | 0.170 |
| *Raphidiopsis* | 659 | | 39.73 | 0.044 |
| *Raphidiopsis raciborskii* | 1145 | Potentially toxic, taste & odour | 43.28 | 0.033 |
| *Sphaerospermopsis reniformis* | 2289 | Taste & Odour | 91.78 | 0.106 |
| *Spirulina* | 3687 | | 55.30 | 0.013 |
| *Synechococcus cf* | 2950 | | 36.28 | 0.019 |
| ***Subtotal*** | 703634 | | 3,226.97 | 4.685 |
| **Chrysophyta (Golden brown)** | | | | |
| *Chrysochromulina* | 3687 | potentially ichthyotoxic - (?) toxic to fish | 107.66 | 0.094 |
| ***Subtotal*** | 3687 | | 107.66 | 0.094 |
| **Bacillariophyta (Diatom)** | | | | |
| *Aulacoseira* | 728 | Filter clogging | 296.29 | 0.437 |
| *Cyclotella* | 10693 | Filter clogging | 727.12 | 0.834 |
| *Cyclotella/Stephanodiscus* | 2655 | Filter clogging | 142.04 | 0.210 |
| *Navicula* | 369 | | 496.30 | 0.623 |

[redacted]
(PO Box 73) West Ryde NSW 2114

# PHYTOPLANKTON ANALYSIS REPORT

Report no: 284006
Supercedes Report No:

Depth : N/A
Chlorophyll a: NA
Microcystin equivalents: NA
Date analysed: 5/05/2023

Lims No: L23034938
Date Sampled: 24/04/2023
Analyst: [redacted]

Client ID: 232615
Address: [redacted]
Site:

Client: Department of Planning and Environment

Method: MA70CENT

Issued By : Sydney Water Laboratory Services
Issued On : 05/05/2023

Disclaimer: Samples analysed as received.

## TAXA

| | Cells/ mL | Significance | ASU/ mL | Biovolum mm3/L |
|---|---|---|---|---|
| *Nitzschia* | 1249 | | 269.78 | 0.126 |
| ***Subtotal*** | 15694 | | 1,931.53 | 2.230 |
| **Euglenophyta (Euglenoid)** | | | | |
| *Euglena* | 139 | Discolouration of water | 245.75 | 0.321 |
| *Trachelomonas* | 35 | Common after flood | 98.21 | 0.079 |
| ***Subtotal*** | 174 | | 343.96 | 0.400 |
| **Chlorophyta (Green)** | | | | |
| *Ankistrodesmus* | 1106 | | 415.85 | 0.149 |
| *Chlamydomonas* | 1475 | Taste & Odour | 118.00 | 0.125 |
| *Crucigenia* | 5162 | | 41.29 | 0.098 |
| *Dictyosphaerium* | 11799 | | 849.52 | 0.176 |
| *Kirchneriella* | 6637 | | 331.85 | 0.126 |
| *Koliella* | 1438 | Filter clogging | 21.57 | 0.002 |
| *Monoraphidium cf* | 2581 | | 69.17 | 0.050 |
| *Pediastrum* | 1110 | | 133.20 | 0.052 |
| *Planctonema* | 659 | | 54.69 | 0.074 |
| *Scenedesmus species 1* | 6637 | | 517.68 | 0.364 |
| *Spermatozopsis* | 737 | | 14.00 | 0.028 |
| *Tetraedron* | 737 | | 313.22 | 0.073 |
| *Tetrastrum* | 4093 | | 560.74 | 0.703 |
| *Treubaria* | 369 | | 23.24 | 0.030 |
| ***Subtotal*** | 44540 | | 3,464.02 | 2.050 |
| **Miscellaneous** | | | | |
| *Haptophyte* | 737 | | 71.26 | 0.118 |
| ***Subtotal*** | 737 | | 71.26 | 0.118 |

[redacted]
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Chlorophyll a: NA
Microcystin equivalents: NA
Date analysed: 5/05/2023

Lims No: L23034938
Date Sampled: 24/04/2023
Analyst: [redacted]

Client ID: 232615
Address: [redacted]
Site:

Client: Department of Planning and Environment

Method: MA70CENT

Issued By : Sydney Water Laboratory Services
Issued On : 05/05/2023

Disclaimer: Samples analysed as received.

## TAXA

| | Cells/ mL | Significance | ASU/ mL | Biovolum mm3/L |
|---|---|---|---|---|
| **Cryptophyta (Monad)** | | | | |
| *Chroomonas* | 2581 | Common after flood | 619.44 | 0.640 |
| *Cryptomonas* | 2581 | Common after flood, Taste & Odour | 1,393.74 | 2.451 |
| ***Subtotal*** | 5162 | | 2,013.18 | 3.091 |

| | Cells/ mL | ASU/ mL | Biovolume mm3/L |
|---|---|---|---|
| Total Blue Green | 703600 | 3227.00 | 4.690 |
| * Potentially Toxic Blue Green | 4370 | 184.40 | 0.230 |
| * Potentially Toxic Algae | 8060 | 292.00 | 0.324 |
| Total Algae | 773600 | 11160.00 | 12.670 |

**Comment:**
**Debris present in the sample.**

*Taxa with potential to produce toxins.
ASU : One ASU (Area Standard Unit) equals 400µm² of algal cells (as cross sectional area)
Biovolume : Biovolume is calculated from cell linear dimensions. Guidelines based on Biovolume.
Coccoid Blue Green Picoplankton: *Aphanocapsa; Aphanothece; Cyanogranis; Cyanonephron; Cyanocatena; Gloeocapsa; Gloeothece ; Cyanodictyon*

**Phycology**

**Sydney Water Approved Signatory:**

[redacted]

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# PHYTOPLANKTON ANALYSIS REPORT

Report no: 284006
Supercedes Report No:

Depth : N/A
Chlorophyll a: NA
Microcystin equivalents: NA
Date analysed: 5/05/2023

Lims No: L23034939
Date Sampled: 24/04/2023
Analyst: [redacted]

Client ID: 232616
Address: [redacted]
Site:

Client: Department of Planning and Environment

Method: MA70CENT

Issued By : Sydney Water Laboratory Services
Issued On : 05/05/2023

Disclaimer: Samples analysed as received.

## TAXA

| | Cells/ mL | Significance | ASU/ mL | Biovolum mm3/L |
|---|---|---|---|---|
| **Cyanophyta (Blue green)** | | | | |
| *Anabaenopsis* | 2151 | Potentially toxic | 148.41 | 0.255 |
| *Aphanocapsa* | 11799 | | 44.83 | 0.015 |
| *Cyanocatena* | 510189 | | 1,938.71 | 0.722 |
| *Merismopedia* | 5863 | | 5.86 | 0.049 |
| *Microcystis* | 1991 | Potentially toxic, taste & odour | 55.94 | 0.055 |
| *Pseudanabaena* | 27432 | | 219.45 | 0.274 |
| *Raphidiopsis raciborskii* | 208 | Potentially toxic, taste & odour | 7.86 | 0.006 |
| *Sphaerospermopsis reniformis* | 971 | Taste & Odour | 38.93 | 0.045 |
| *Spirulina* | 13716 | | 205.74 | 0.051 |
| ***Subtotal*** | 574320 | | 2,665.73 | 1.472 |
| **Bacillariophyta (Diatom)** | | | | |
| *Aulacoseira* | 278 | Filter clogging | 113.14 | 0.167 |
| *Cyclotella* | 5531 | Filter clogging | 376.10 | 0.431 |
| *Nitzschia* | 874 | | 188.78 | 0.088 |
| *Synedra* | 139 | | 82.56 | 0.076 |
| ***Subtotal*** | 6822 | | 760.58 | 0.762 |
| **Euglenophyta (Euglenoid)** | | | | |
| *Euglena* | 737 | Discolouration of water | 1,303.01 | 1.704 |
| ***Subtotal*** | 737 | | 1,303.01 | 1.704 |
| **Chlorophyta (Green)** | | | | |
| *Actinastrum* | 1475 | | 92.92 | 0.030 |
| *Ankistrodesmus* | 737 | | 277.11 | 0.099 |
| *Chodatella* | 369 | | 71.21 | 0.036 |

[redacted]
(PO Box 73) West Ryde NSW 2114

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Microcystin equivalents: NA
Date analysed: 5/05/2023

Lims No: L23034939
Date Sampled: 24/04/2023
Analyst: [redacted]

Client ID: 232616
Site:
Address: [redacted]

Client: Department of Planning and Environment

Method: MA70CENT

Issued By : Sydney Water Laboratory Services
Issued On : 05/05/2023

Disclaimer: Samples analysed as received.

## TAXA

| | Cells/ mL | Significance | ASU/ mL | Biovolum mm3/L |
|---|---|---|---|---|
| *Crucigenia* | 6637 | | 53.09 | 0.126 |
| *Dictyosphaerium* | 9623 | | 692.85 | 0.144 |
| *Kirchneriella* | 2544 | | 127.20 | 0.048 |
| *Koliella* | 737 | Filter clogging | 11.05 | 0.001 |
| *Monoraphidium cf* | 1475 | | 39.53 | 0.028 |
| *Oocystis* | 369 | | 35.05 | 0.037 |
| *Pediastrum* | 833 | | 99.96 | 0.039 |
| *Scenedesmus species 1* | 22123 | | 1,725.59 | 1.213 |
| *Spermatozopsis* | 369 | | 7.01 | 0.014 |
| *Tetraedron* | 1844 | | 783.70 | 0.184 |
| *Treubaria* | 737 | | 46.43 | 0.061 |
| ***Subtotal*** | 49872 | | 4,062.70 | 2.060 |
| **Cryptophyta (Monad)** | | | | |
| *Chroomonas* | 1475 | Common after flood | 354.00 | 0.365 |
| ***Subtotal*** | 1475 | | 354.00 | 0.365 |

| | Cells/ mL | ASU/ mL | Biovolume mm3/L |
|---|---|---|---|
| Total Blue Green | 574300 | 2666.00 | 1.470 |
| * Potentially Toxic Blue Green | 4350 | 212.20 | 0.316 |
| * Potentially Toxic Algae | 4350 | 212.20 | 0.316 |
| Total Algae | 633200 | 9146.00 | 6.360 |

**Comment:**
Debris present in the sample.

[redacted]
(PO Box 73) West Ryde NSW 2114

*Taxa with potential to produce toxins.
ASU : One ASU (Area Standard Unit) equals 400µm² of algal cells (as cross sectional area)
Biovolume : Biovolume is calculated from cell linear dimensions. Guidelines based on Biovolume.
Coccoid Blue Green Picoplankton: *Aphanocapsa; Aphanothece; Cyanogranis; Cyanonephron; Cyanocatena; Gloeocapsa; Gloeothece ; Cyanodictyon*

**Phycology**

**Sydney Water Approved Signatory:**

[redacted]

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# PHYTOPLANKTON ANALYSIS REPORT

Report no: 284006
Supercedes Report No:

Depth : N/A
Chlorophyll a: NA
Microcystin equivalents: NA
Date analysed: 5/05/2023

Lims No: L23034940
Date Sampled: 24/04/2023
Analyst: [redacted]

Client ID: 232617
Address: [redacted]
Site:

Client: Department of Planning and Environment

Method: MA70CENT

Issued By : Sydney Water Laboratory Services
Issued On : 05/05/2023

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## TAXA

| | Cells/ mL | Significance | ASU/ mL | Biovolum mm3/L |
|---|---|---|---|---|
| **Cyanophyta (Blue green)** | | | | |
| *Anagnostidinema* | 590 | | 17.81 | 0.010 |
| *Cyanocatena* | 913119 | | 3,469.85 | 1.292 |
| *Cyanodictyon* | 2950 | | 6.49 | 0.001 |
| *Cyanogranis* | 23616 | | 70.84 | 0.016 |
| *Dolichospermum flos-aquae* | 624 | Taste & Odour | 67.76 | 0.144 |
| *Merismopedia* | 13274 | | 13.27 | 0.111 |
| *Microcystis* | 1438 | Potentially toxic, taste & odour | 40.40 | 0.040 |
| *Myxobaktron* | 2065 | | 36.34 | 0.010 |
| *Planktolyngbya* | 8112 | Filter clogging | 81.12 | 0.648 |
| *Pseudanabaena* | 6176 | | 49.40 | 0.061 |
| *Spirulina* | 184 | | 2.76 | 0.000 |
| *Synechococcus cf* | 5328 | | 65.53 | 0.035 |
| ***Subtotal*** | 977476 | | 3,921.57 | 2.368 |
| **Chrysophyta (Golden brown)** | | | | |
| *Dichotomococcus* | 1106 | | 13.82 | 0.009 |
| ***Subtotal*** | 1106 | | 13.82 | 0.009 |
| **Bacillariophyta (Diatom)** | | | | |
| *Aulacoseira* | 753 | Filter clogging | 306.47 | 0.452 |
| *Cyclotella* | 4425 | Filter clogging | 300.90 | 0.345 |
| *Fragilaria* | 35 | | 11.83 | 0.012 |
| *Nitzschia* | 1450 | | 313.20 | 0.146 |
| *Skeletonema* | 1475 | Filter clogging | 1,106.25 | 0.097 |
| *Synedra* | 87 | | 51.67 | 0.047 |
| *Urosolenia* | 17 | Filter clogging | 11.98 | 0.015 |

[redacted]
(PO Box 73) West Ryde NSW 2114

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Microcystin equivalents: NA
Date analysed: 5/05/2023

Lims No: L23034940
Date Sampled: 24/04/2023
Analyst: [redacted]

Client ID: 232617
Address: [redacted]
Site:

Client: Department of Planning and Environment

Method: MA70CENT

Issued By : Sydney Water Laboratory Services
Issued On : 05/05/2023

Disclaimer: Samples analysed as received.

## TAXA

| | Cells/ mL | Significance | ASU/ mL | Biovolum mm3/L |
|---|---|---|---|---|
| **Subtotal** | 8242 | | 2,102.30 | 1.114 |
| **Euglenophyta (Euglenoid)** | | | | |
| *Euglena* | 87 | Discolouration of water | 153.81 | 0.201 |
| *Phacus* | 17 | | 107.74 | 0.059 |
| **Subtotal** | 104 | | 261.55 | 0.260 |
| **Chlorophyta (Green)** | | | | |
| *Ankistrodesmus* | 1659 | | 623.78 | 0.223 |
| *Chlamydomonas* | 737 | Taste & Odour | 58.96 | 0.062 |
| *Chodatella* | 737 | | 142.24 | 0.073 |
| *Crucigenia* | 10951 | | 87.60 | 0.208 |
| *Kirchneriella* | 737 | | 36.85 | 0.014 |
| *Koliella* | 184 | Filter clogging | 2.76 | 0.000 |
| *Monoraphidium cf* | 4978 | | 133.41 | 0.097 |
| *Oocystis* | 737 | | 70.01 | 0.075 |
| *Pediastrum* | 191 | | 22.92 | 0.008 |
| *Planctonema* | 52 | | 4.31 | 0.005 |
| *Scenedesmus species 1* | 5254 | | 409.81 | 0.288 |
| *Staurastrum* | 17 | | 89.94 | 0.035 |
| *Tetraedron* | 184 | | 78.20 | 0.018 |
| **Subtotal** | 26418 | | 1,760.79 | 1.106 |
| **Cryptophyta (Monad)** | | | | |
| *Chroomonas* | 1475 | Common after flood | 354.00 | 0.365 |
| **Subtotal** | 1475 | | 354.00 | 0.365 |

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| | Cells/ mL | ASU/ mL | Biovolume mm3/L |
|---|---|---|---|
| **Total Blue Green** | **977500** | **3922.00** | **2.370** |
| *** Potentially Toxic Blue Green** | **1440** | **40.40** | **0.040** |
| *** Potentially Toxic Algae** | **1440** | **40.40** | **0.040** |
| **Total Algae** | **1015000** | **8414.00** | **5.220** |

**Comment:**

**Debris present in the sample.**

*Taxa with potential to produce toxins.
ASU : One ASU (Area Standard Unit) equals 400µm² of algal cells (as cross sectional area)
Biovolume : Biovolume is calculated from cell linear dimensions. Guidelines based on Biovolume.
Coccoid Blue Green Picoplankton: *Aphanocapsa; Aphanothece; Cyanogranis; Cyanonephron; Cyanocatena; Gloeocapsa; Gloeothece ; Cyanodictyon*

**Phycology**

**Sydney Water Approved Signatory:**

[redacted]

NATA
WORLD RECOGNISED ACCREDITATION

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