

*Disclaimer* - Monitoring data contained in this document is made available as required by Section 66(6) of the Protection of the Environment Operations Act 1997 and in accordance with the written requirements issued by the NSW Environment Protection Authority. To the best of Kimbriki Environmental Enterprises' knowledge, the data in this table is correct, except where specifically noted. The information and data in this table must not be published elsewhere by any means without prior written consent from Kimbriki Environmental Enterprises. For more details on publication of pollution monitoring data please refer to the NSW EPA Website, [www.epa.nsw.gov.au](http://www.epa.nsw.gov.au)

| Monitoring Period                 | Nov-20  |  |                                    |            |            |                      |                     |
|-----------------------------------|---|--|------------------------------------|------------|------------|----------------------|---------------------|
| Date Published                    | 14 December 2020  |  |                                    |            |            |                      |                     |
| EPA Licence No.                   | 13091   |  |                                    |            |            |                      |                     |
| EPA Licence Hyperlink             | <a href="https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=165894&amp;SYSUID=1&amp;LICID=13091">https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=165894&amp;SYSUID=1&amp;LICID=13091</a> |  |                                    |            |            |                      |                     |
| Licensee Name                     | KIMBRIKI ENVIRONMENTAL ENTERPRISES PTY LIMITED  |  |                                    |            |            |                      |                     |
| Licensee Address                  | PO BOX 196, Terrey Hills, NSW 2084  |  |                                    |            |            |                      |                     |
| Monitoring Location (EPA Point 1) | <i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 1)</i>   |  |                                    |            |            |                      |                     |
| Pollutant                         | Units of measure  | Monitoring frequency required by licence | No. of times measured during month | Min. value | Max. value | 100 percentile limit | Exceedance (yes/no) |
| Biochemical oxygen demand         | mg/L<br>(Note 1)  | Special Frequency 1<br>(Note 2)          | 2                                  | <5         | <5         | 20                   | no                  |
| Nitrogen (ammonia)                | mg/L<br>(Note 1)  | Daily during any discharge               | 3                                  | 0.12       | 0.33       | 1                    | no                  |
| pH                                | pH  | Daily during any discharge               | 3                                  | 7.34       | 7.67       | 6.5-8.5              | no                  |
| Total suspended solids            | mg/L<br>(Note 1)  | Daily during any discharge               | 3                                  | 8.0        | 16.0       | 50                   | no                  |
| Explanatory Notes                 | (Note 1) mg/L (milligrams per litre)<br>(Note 2) Special Frequency 1 - Quarterly and on the first day of discharge  |  |                                    |            |            |                      |                     |
| Monitoring Location (EPA Point 2) | <i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 2)</i>   |  |                                    |            |            |                      |                     |
| Pollutant                         | Units of measure  | Monitoring frequency required by licence | No. of times measured during month | Min. value | Max. value | 100 percentile limit | Exceedance (yes/no) |
| Explanatory Notes                 | No surface water discharge occurred from this monitoring point during the month.  |  |                                    |            |            |                      |                     |

## Monthly Summary of EPA Monitoring Data with Limits

| Monitoring Location (EPA Point 3)  |   | Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 3)   |                                    |            |            |                      |                     |
|------------------------------------|---|--|------------------------------------|------------|------------|----------------------|---------------------|
| Pollutant                          | Units of measure  | Monitoring frequency required by licence   | No. of times measured during month | Min. value | Max. value | 100 percentile limit | Exceedance (yes/no) |
| Biochemical oxygen demand          | mg/L (Note 1)   | Special Frequency 1 (Note 2)   | 1                                  | <5         | <5         | 20                   | no                  |
| Nitrogen (ammonia)                 | mg/L (Note 1)   | Daily during any discharge   | 1                                  | 0.04       | 0.04       | 1                    | no                  |
| pH                                 | pH  | Daily during any discharge   | 1                                  | 8.05       | 8.05       | 6.5-8.5              | no                  |
| Total suspended solids             | mg/L (Note 1)   | Daily during any discharge   | 1                                  | 17.0       | 17.0       | 50                   | no                  |
| Explanatory Notes                  | (Note 1) mg/L (milligrams per litre)<br>(Note 2) Special Frequency 1 - Quarterly and on the first day of discharge  |  |                                    |            |            |                      |                     |
| Monitoring Location (EPA Point 21) |   | Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 21)  |                                    |            |            |                      |                     |
| Pollutant                          | Units of measure  | Monitoring frequency required by licence   | No. of times measured during month | Min. value | Max. value | 100 percentile limit | Exceedance (yes/no) |
| Biochemical oxygen demand          | mg/L (Note 1)   | Special Frequency 1 (Note 2)   | 2                                  | <5         | <5         | 20                   | no                  |
| Nitrogen (ammonia)                 | mg/L (Note 1)   | Daily during any discharge   | 2                                  | 0.08       | 0.25       | 1                    | no                  |
| pH                                 | pH  | Daily during any discharge   | 2                                  | 7.33       | 7.40       | 6.5-8.5              | no                  |
| Total suspended solids             | mg/L (Note 1)   | Daily during any discharge   | 2                                  | 14.0       | 19.0       | 50                   | no                  |
| Explanatory Notes                  | (Note 1) mg/L (milligrams per litre)<br>(Note 2) Special Frequency 1 - Quarterly and on the first day of discharge  |  |                                    |            |            |                      |                     |
| Monitoring Location (EPA Point 22) |   | Enclosed Ground Level Flare in the North-Eastern corner of the Premises. Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 22) |                                    |            |            |                      |                     |
| Parameter                          | Units of measure  | Monitoring frequency required by licence   | No. of times measured during month | Min. value | Max. value | Lower Limit (Note 2) | Exceedance (yes/no) |
| Residence Time                     | seconds   | Continuous   | Continuous                         | 0.6        | 0.8        | 0.6                  | no                  |
| Temperature                        | °C (Note 1)   | Continuous   | Continuous                         | 792        | 809        | 760                  | no                  |
| Explanatory Notes                  | (Note 1) °C (degrees Celsius)<br>(Note 2) The parameter value must <b>be greater than</b> the Lower Limit specified |  |                                    |            |            |                      |                     |

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| Monitoring Period                  | Nov-20  |   |                                    |            |            |              |            |
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| Licensee Address                   | PO BOX 196, Terrey Hills, NSW 2084  |   |                                    |            |            |              |            |
| Monitoring Location (EPA Point 1)  |   | Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 1)  |                                    |            |            |              |            |
| Pollutant                          | Units of measure  | Monitoring frequency required by licence                                      | No. of times measured during month | Min. value | Mean value | Median value | Max. value |
| Conductivity                       | µS/cm (Note 1)  | Daily during any discharge  | 3                                  | 218        | 307        | 347          | 356        |
| Explanatory Notes                  |   | (Note 1) µS/cm (microsiemens per centimetre)                                  |                                    |            |            |              |            |
| Monitoring Location (EPA Point 2)  |   | Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 2)  |                                    |            |            |              |            |
| Pollutant                          | Units of measure  | Monitoring frequency required by licence                                      | No. of times measured during month | Min. value | Mean value | Median value | Max. value |
| Conductivity                       | µS/cm (Note 1)  | Daily during any discharge  | 1                                  | 295        | 295        | 295          | 295        |
| Explanatory Notes                  |   | (Note 1) µS/cm (microsiemens per centimetre)                                  |                                    |            |            |              |            |
| Monitoring Location (EPA Point 3)  |   | Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 3)  |                                    |            |            |              |            |
| Pollutant                          | Units of measure  | Monitoring frequency required by licence                                      | No. of times measured during month | Min. value | Mean value | Median value | Max. value |
| Conductivity                       | µS/cm (Note 1)  | Daily during any discharge  | 1                                  | 295        | 295        | 295          | 295        |
| Explanatory Notes                  |   | (Note 1) µS/cm (microsiemens per centimetre)                                  |                                    |            |            |              |            |
| Monitoring Location (EPA Point 21) |   | Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 21) |                                    |            |            |              |            |
| Pollutant                          | Units of measure  | Monitoring frequency required by licence                                      | No. of times measured during month | Min. value | Mean value | Median value | Max. value |
| Conductivity                       | µS/cm (Note 1)  | Daily during any discharge  | 2                                  | 308        | 313        | 313          | 317        |
| Explanatory Notes                  |   | (Note 1) µS/cm (microsiemens per centimetre)                                  |                                    |            |            |              |            |

## Monthly Summary of EPA Monitoring Data - No Limit

| Monitoring Location (EPA Point 22) |  | Enclosed Ground Level Flare in the North-Eastern corner of the Premises. Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 22) |                                    |               |            |              |            |
|------------------------------------|--|--|------------------------------------|---------------|------------|--------------|------------|
| Pollutant                          | Units of measure   | Monitoring frequency required by licence   | No. of times measured during month | Min. value    | Mean value | Median value | Max. value |
| Volumetric flowrate                | m <sup>3</sup> /h<br>(Note 1)  | Continuous   | Continuous                         | 0<br>(Note 2) | 454        | 523          | 554        |
| Explanatory Notes                  | (Note 1) m <sup>3</sup> /h (cubic metres per hour)<br>(Note 2) Zero value due to:<br>1. Flare was shutdown on 1st November 2020 for ~31.5 hours due to the power supply outage that commenced on 31st October 2020. Flare was restarted remotely.<br>2. Flare was shutdown on 21st November 2020 for ~46 hours due to power supply outage. Unable to restart the flare remotely over the ensuing weekend. Flare was restarted after attending site on Monday morning to troubleshoot the issue and restart the air compressor.<br>3. Flare was shutdown on 25th November 2020 for 1.5 hours for flare maintenance and flow meter calibration. Flare was restarted on site after maintenance.<br>4. Flare was shutdown on 26th November 2020 for ~6 hours due to power supply outage. Flare was restarted remotely. |  |                                    |               |            |              |            |

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| Monitoring Period                          | August 2020 - November 2020   |  |                                      |            |            |              |            |
|--|---|--|--------------------------------------|------------|------------|--------------|------------|
| Sample Date                                | 4 November 2020   |  |                                      |            |            |              |            |
| Date Published                             | 14 December 2020  |  |                                      |            |            |              |            |
| EPA Licence No.                            | 13090   |  |                                      |            |            |              |            |
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| Licensee Address                           | PO BOX 196, Terrey Hills, NSW 2084  |  |                                      |            |            |              |            |
| Monitoring Location ( <b>EPA Point 1</b> ) | <i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (<b>EPA 1</b>)</i>  |  |                                      |            |            |              |            |
| Pollutant                                  | Units of measure  | Monitoring frequency required by licence | No. of times measured during quarter | Min. value | Mean value | Median value | Max. value |
| Methane                                    | ppm (Note 1)  | Quarterly                                | 1                                    | 1.4        | 3.1        | 2.1          | 30.3       |
| Explanatory Notes                          | (Note 1) ppm (parts per million)  |  |                                      |            |            |              |            |