

Monthly Summary of EPA Monitoring Data



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 The information and data in this table must not be published elsewhere by any means without prior written consent from Kimbriki Environmental Enterprises.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, <http://www.epa.nsw.gov.au/index.htm>

| Monitoring Period | 01 June 2015 - 30 June 2015 | | | | | | |
|-----------------------------------|---|--|------------------------------------|------------|------------|----------------------|---------------------|
| Date Published | 10 July 2015 | | | | | | |
| EPA Licence No. | 13091 | | | | | | |
| EPA Licence Hyperlink | http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=32504&SYSUID=1&LICID=13091 | | | | | | |
| Licensee Name | KIMBRIKI ENVIRONMENTAL ENTERPRISES PTY LIMITED | | | | | | |
| Licensee Address | Locked Bag 6, Terrey Hills, NSW 2084 | | | | | | |
| Monitoring Location (EPA Point 1) | <i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 1)</i> | | | | | | |
| Explanatory Notes | There were no discharges from this point during the month as the basin was being enlarged from 2 ML to 8 ML capacity and all flows had to be diverted to the lower western basin (licensed discharge point 21). | | | | | | |
| 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) |
| Biochemical oxygen demand | mg/L (Note 1) | Special Frequency 1 (Note 2) | 3 | 4.03 | 5.9 | 20 | no |
| Nitrogen (ammonia) | mg/L (Note 1) | Daily during any discharge | 3 | < 0.05 | < 0.05 | 1 | no |
| pH | pH | Daily during any discharge | 3 | 8.1 | 8.5 | 6.5 - 8.5 | no |
| Total suspended solids | mg/L (Note 1) | Daily during any discharge | 3 | < 5 | 290 | 50 | Yes (Note 3) |
| Explanatory Notes | (Note 1) mg/L (milligrams per litre) (Note 2) Special Frequency 1 - Quarterly and on the first day of discharge (Note 3) Refer to Exceedance Table | | | | | | |

Monthly Summary of EPA
Monitoring Data continued.

| Monitoring Location (EPA Point 3) | | <i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 3)</i> | | | | | |
|------------------------------------|------------------|---|------------------------------------|------------|------------|----------------------|---------------------|
| Explanatory Notes | | No surface water discharge occurred from this monitoring point during the month. | | | | | |
| Monitoring Location (EPA Point 21) | | <i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 21)</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 (Note 1) | Special Frequency 1 (Note 2) | 4 | 2.1 | 5.1 | 20 | no |
| Nitrogen (ammonia) | mg/L (Note 1) | Daily during any discharge | 4 | 0.42 | 0.61 | 1 | no |
| pH | pH | Daily during any discharge | 4 | 7.6 | 8.0 | 6.5 - 8.5 | no |
| Total suspended solids | mg/L (Note 1) | Daily during any discharge | 4 | < 5 | 370 | 50 | Yes (Note 3) |
| Explanatory Notes | | (Note 1) mg/L (milligrams per litre) (Note 2) Special Frequency 1 - Quarterly and on the first day of discharge (Note 3) Refer to Exceedance Table for more information | | | | | |
| Monitoring Location (EPA Point 22) | | <i>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)</i> | | | | | |
| 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 | 1.5 | 3.1 | 0.6 | No |
| Temperature | °C (Note 1) | Continuous | Continuous | 793.2 | 805.4 | 760 | No |
| Explanatory Notes | | (Note 1) °C (degrees Celsius) (Note 2) The parameter value must be greater than the Lower Limit specified | | | | | |

Monthly Summary of EPA
Monitoring Data continued.

Exceedance Table



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| Monitoring Period | 01 June 2015 - 30 June 2015 | | | | | |
|-----------------------------------|---|--|----------------------|-----------------|-------|--------------------------------------|
| Date Published | 10 July 2015 | | | | | |
| EPA Licence No. | 13091 | | | | | |
| EPA Licence Hyperlink | http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=32504&SYSUID=1&LICID=13091 | | | | | |
| Licensee Name | KIMBRIKI ENVIRONMENTAL ENTERPRISES PTY LIMITED | | | | | |
| Licensee Address | Locked Bag 6, Terrey Hills, NSW 2084 | | | | | |
| 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 | 100 percentile limit | Exceedance Date | Value | Recorded Site Rainfall (mm) (Note 2) |
| Total suspended solids | mg/L (Note 1) | Daily during any discharge | 50 | 17/06/2015 | 290 | 29 |
| Total suspended solids | mg/L (Note 1) | Daily during any discharge | 50 | 18/06/2015 | 98 | 32 |
| Exceedance Information | The above results were due to rainfall although it had not exceeded the 5 day 90%ile cumulative depth of 62.1 mm (EPL Condition 2.1). However, KEE provided EPA with a comprehensive TSS Reduction Plan on 30 June 2015 that includes major capital works aimed at reducing TSS levels in discharges. The program includes the major expansion of this basin (DP02) and extensive road paving works on the eastern access road that should ensure TSS levels are reduced. | | | | | |
| Explanatory Notes | (Note 1) mg/L (milligrams per litre) (Note 2) mm (millimetres) | | | | | |

Monthly Summary of EPA
Monitoring Data continued.

| Monitoring Location (EPA Point 21) | | Please refer to the map, <i>Kimbriki Monitoring Sites.pdf</i> , for location (EPA 21) | | | | |
|------------------------------------|--|---|----------------------|-----------------|-------|--------------------------------------|
| Pollutant | Units of measure | Monitoring frequency required by licence | 100 percentile limit | Exceedance Date | Value | Recorded Site Rainfall (mm) (Note 2) |
| Total suspended solids | mg/L (Note 1) | Daily during any discharge | 50 | 18/06/2015 | 370 | 32 |
| Exceedance Information | The above result was due to rainfall although it had not exceeded the 5 day 90%ile cummulative depth of 62.1 mm (EPL Conditon 2.1). KEE provided EPA with a comprehensive TSS Reduction Plan on 30 June 2015 that includes major capital works aimed at reducing TSS levels in discharges. The program includes the major expansion of sediment basins on site and extensive road paving works that should ensure TSS levels are reduced. This result was most likely due to the fact the upper western sediment basin (EPL licensed discharge point DP01) was off line during the reporting period to allow further excavations in the basin to increase its capacity from 2 ML to 8 ML. This placed all runoff from the western side of the site directly into the lower western basin (EPL icensed discharge point DP21). These basin expansion works have now been completed so there should not be further exceedances. | | | | | |
| Explanatory Notes | (Note 1) mg/L (milligrams per litre) (Note 2) mm (millimetres) | | | | | |



Monthly Summary of EPA Monitoring Data

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| | | | | | | | |
|------------------------------------|---|--|------------------------------------|------------|------------|--------------|------------|
| Monitoring Period | 01 June 2015 - 30 June 2015 | | | | | | |
| Date Published | 10 July 2015 | | | | | | |
| EPA Licence No. | 13091 | | | | | | |
| EPA Licence Hyperlink | http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=32504&SYSUID=1&LICID=13091 | | | | | | |
| Licensee Name | KIMBRIKI ENVIRONMENTAL ENTERPRISES PTY LIMITED | | | | | | |
| Licensee Address | Locked Bag 6, Terrey Hills, NSW 2084 | | | | | | |
| Monitoring Location (EPA Point 1) | <i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 1)</i> | | | | | | |
| Explanatory Notes | No surface water discharge occurred from this monitoring point during the month as the basin was being enlarged from 2 ML to 8 ML capacity. | | | | | | |
| 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 | Mean value | Median value | Max. value |
| Conductivity | µS/cm (Note 1) | Daily during any discharge | 2 | 274 | 342 | 342 | 410 |
| Explanatory Notes | (Note 1) µS/cm (microsiemens per centimetre) | | | | | | |
| Monitoring Location (EPA Point 3) | <i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 3)</i> | | | | | | |
| Explanatory Notes | No surface water discharge occurred from this monitoring point during the month. | | | | | | |
| Monitoring Location (EPA Point 21) | <i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 21)</i> | | | | | | |
| 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 | 4 | 235 | 353 | 387 | 402 |
| Explanatory Notes | (Note 1) µS/cm (microsiemens per centimetre) | | | | | | |
| Monitoring Location (EPA Point 22) | <i>Enclosed Ground Level Flare in the North-Eastern corner of the Premises.</i> | | | | | | |
| 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 ³ /h (Note 1) | Continuous | Continuous | 0 (Note 2) | 206 | 210 | 234 |
| Explanatory Notes | Note 1: m ³ /h (cubic metres per hour) Note 2: System shutdown on 10 June 15 for 1.0 hr due to contractor maintenance & issues with air compressor. | | | | | | |

Quarterly Summary of EPA Monitoring Data



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For more details on publication of pollution monitoring data please refer to the NSW EPA Website, <http://www.epa.nsw.gov.au/index.htm>

| Monitoring Period | March 2015 - June 2015 | | | |
|-----------------------------------|---|--|--------------------------------------|-------|
| Sample Date | 22 June 2015 (Surface Water) and 26 June 2015 (Ground Water) | | | |
| Date Published | 10 July 2015 | | | |
| EPA Licence No. | 13091 | | | |
| EPA Licence Hyperlink | http://www.environment.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=30667&SYSUID=1&LICID=13091 | | | |
| Licensee Name | KIMBRIKI ENVIRONMENTAL ENTERPRISES PTY LIMITED | | | |
| Licensee Address | Locked Bag 6, Terrey Hills, NSW 2084 | | | |
| Monitoring Location (EPA Point 5) | <i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 5)</i> | | | |
| Pollutant | Units of measure | Monitoring frequency required by licence | No. of times measured during quarter | Value |
| Conductivity | µS/cm (Note 1) | Quarterly | 1 | 480 |
| Dissolved Oxygen | mg/L (Note 2) | Quarterly | 1 | 9.5 |
| Faecal Coliforms | org/100 mL (Note3) | Quarterly | 1 | 70 |
| Nitrogen (ammonia) | mg/L (Note 2) | Quarterly | 1 | 0.03 |
| pH | pH | Quarterly | 1 | 7.6 |
| Potassium | mg/L (Note 2) | Quarterly | 1 | 1.7 |
| Redox potential | mV (Note 4) | Quarterly | 1 | 130.0 |
| Total dissolved solids | mg/L (Note 2) | Quarterly | 1 | 240 |
| Total organic carbon | mg/L (Note 2) | Quarterly | 1 | < 5 |
| Explanatory Notes | (Note 1) µS/cm (microsiemens per centimetre) (Note 2) mg/L (milligrams per litre) (Note 3) org/100 mL (colony forming units per 100 millilitres) (Note 4) mV (millivolts) | | | |

| Monitoring Location (EPA Point 6) | | <i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 6)</i> | | |
|-----------------------------------|--|---|--------------------------------------|-------|
| Pollutant | Units of measure | Monitoring frequency required by licence | No. of times measured during quarter | Value |
| Conductivity | µS/cm (Note 1) | Quarterly | 1 | 400 |
| Dissolved Oxygen | mg/L (Note 2) | Quarterly | 1 | 9.4 |
| Faecal Coliforms | org/100 mL (Note3) | Quarterly | 1 | 32 |
| Nitrogen (ammonia) | mg/L (Note 2) | Quarterly | 1 | 0.06 |
| pH | pH | Quarterly | 1 | 7.5 |
| Potassium | mg/L (Note 2) | Quarterly | 1 | 1.6 |
| Redox potential | mV (Note 4) | Quarterly | 1 | 140 |
| Total dissolved solids | mg/L (Note 2) | Quarterly | 1 | 190 |
| Total organic carbon | mg/L (Note 2) | Quarterly | 1 | < 5 |
| Explanatory Notes | (Note 1) µS/cm (microsiemens per centimetre) (Note 2) mg/L (milligrams per litre) (Note 3) org/100 mL (colony forming units per 100 millilitres) (Note 4) mV (millivolts) | | | |
| Monitoring Location (EPA Point 7) | | <i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 7)</i> | | |
| Pollutant | Units of measure | Monitoring frequency required by licence | No. of times measured during quarter | Value |
| Conductivity | µS/cm (Note 1) | Quarterly | 1 | 400 |
| Dissolved Oxygen | mg/L (Note 2) | Quarterly | 1 | 9.4 |
| Faecal Coliforms | org/100 mL (Note3) | Quarterly | 1 | 540 |
| Nitrogen (ammonia) | mg/L (Note 2) | Quarterly | 1 | 3.3 |
| pH | pH | Quarterly | 1 | 7.6 |
| Potassium | mg/L (Note 2) | Quarterly | 1 | 6.8 |
| Redox potential | mV (Note 4) | Quarterly | 1 | 98 |
| Total dissolved solids | mg/L (Note 2) | Quarterly | 1 | 210 |
| Total organic carbon | mg/L (Note 2) | Quarterly | 1 | 6.8 |
| Explanatory Notes | (Note 1) µS/cm (microsiemens per centimetre) (Note 2) mg/L (milligrams per litre) (Note 3) org/100 mL (colony forming units per 100 millilitres) (Note 4) mV (millivolts) | | | |

| Monitoring Location (EPA Point 8) | | Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 8) | | |
|-----------------------------------|--|--|--------------------------------------|-------|
| Pollutant | Units of measure | Monitoring frequency required by licence | No. of times measured during quarter | Value |
| Conductivity | µS/cm (Note 1) | Quarterly | 1 | 400 |
| Dissolved Oxygen | mg/L (Note 2) | Quarterly | 1 | 9 |
| Faecal Coliforms | org/100 mL (Note3) | Quarterly | 1 | 920 |
| Nitrogen (ammonia) | mg/L (Note 2) | Quarterly | 1 | 2.6 |
| pH | pH | Quarterly | 1 | 7.5 |
| Potassium | mg/L (Note 2) | Quarterly | 1 | 7.4 |
| Redox potential | mV (Note 4) | Quarterly | 1 | 100 |
| Total dissolved solids | mg/L (Note 2) | Quarterly | 1 | 160 |
| Total organic carbon | mg/L (Note 2) | Quarterly | 1 | 6.7 |
| Explanatory Notes | (Note 1) µS/cm (microsiemens per centimetre) (Note 2) mg/L (milligrams per litre) (Note 3) org/100 mL (colony forming units per 100 millilitres) (Note 4) mV (millivolts) | | | |
| Monitoring Location (EPA Point 9) | | Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 9) | | |
| Pollutant | Units of measure | Monitoring frequency required by licence | No. of times measured during quarter | Value |
| Conductivity | µS/cm (Note 1) | Quarterly | 1 | 390 |
| Dissolved Oxygen | mg/L (Note 2) | Quarterly | 1 | 9.1 |
| Faecal Coliforms | org/100 mL (Note3) | Quarterly | 1 | 920 |
| Nitrogen (ammonia) | mg/L (Note 2) | Quarterly | 1 | 0.92 |
| pH | pH | Quarterly | 1 | 7.5 |
| Potassium | mg/L (Note 2) | Quarterly | 1 | 7.4 |
| Redox potential | mV (Note 4) | Quarterly | 1 | 98 |
| Total dissolved solids | mg/L (Note 2) | Quarterly | 1 | 210 |
| Total organic carbon | mg/L (Note 2) | Quarterly | 1 | 7.1 |
| Explanatory Notes | (Note 1) µS/cm (microsiemens per centimetre) (Note 2) mg/L (milligrams per litre) (Note 3) org/100 mL (colony forming units per 100 millilitres) (Note 4) mV (millivolts) | | | |

| Monitoring Location (EPA Point 10) <i>Holding pond - no discharge from site.</i> | | <i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 10). Please refer to Note 5 also.</i> | | |
|--|--|---|--------------------------------------|-------|
| Pollutant | Units of measure | Monitoring frequency required by licence | No. of times measured during quarter | Value |
| Conductivity | µS/cm (Note 1) | Quarterly | 1 | 3200 |
| Dissolved Oxygen | mg/L (Note 2) | Quarterly | 1 | 7.3 |
| Faecal Coliforms | org/100 mL (Note3) | Quarterly | 1 | 18 |
| Nitrogen (ammonia) | mg/L (Note 2) | Quarterly | 1 | 33 |
| pH | pH | Quarterly | 1 | 7.3 |
| Potassium | mg/L (Note 2) | Quarterly | 1 | 140 |
| Redox potential | mV (Note 4) | Quarterly | 1 | 79 |
| Total dissolved solids | mg/L (Note 2) | Quarterly | 1 | 2300 |
| Total organic carbon | mg/L (Note 2) | Quarterly | 1 | 120 |
| Explanatory Notes | (Note 1) µS/cm (microsiemens per centimetre) (Note 2) mg/L (milligrams per litre) (Note 3) org/100 mL (colony forming units per 100 millilitres) (Note 4) mV (millivolts) (Note 5) This monitoring point is a leachate holding pond with no discharge from site | | | |
| Monitoring Location (EPA Point 1/11) (Note 5) | | <i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 1/11)</i> | | |
| Pollutant | Units of measure | Monitoring frequency required by licence | No. of times measured during quarter | Value |
| Biochemical oxygen demand | mg/L (Note 2) | Quarterly | 1 | 5.1 |
| Conductivity | µS/cm (Note 1) | Quarterly | 1 | 260 |
| Dissolved Oxygen | mg/L (Note 2) | Quarterly | 1 | 7.7 |
| Faecal Coliforms | org/100 mL (Note3) | Quarterly | 1 | 280 |
| Nitrogen (ammonia) | mg/L (Note 2) | Quarterly | 1 | 0.25 |
| pH | pH | Quarterly | 1 | 7.3 |
| Potassium | mg/L (Note 2) | Quarterly | 1 | 14 |
| Redox potential | mV (Note 4) | Quarterly | 1 | 150 |
| Total dissolved solids | mg/L (Note 2) | Quarterly | 1 | 130 |
| Total organic carbon | mg/L (Note 2) | Quarterly | 1 | 9.4 |
| Explanatory Notes | (Note 1) µS/cm (microsiemens per centimetre) (Note 2) mg/L (milligrams per litre) (Note 3) org/100 mL (colony forming units per 100 millilitres) (Note 4) mV (millivolts) (Note 5) The surface water at this monitoring point was not in a state of flow and was not being discharged off site | | | |

| Monitoring Location (EPA Point 3/12) (Note 5) | | Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 3/12) | | |
|---|---|---|--------------------------------------|----------------|
| Pollutant | Units of measure | Monitoring frequency required by licence | No. of times measured during quarter | Value (Note 5) |
| Biochemical oxygen demand | mg/L (Note 2) | Quarterly | 1 | 19 |
| Conductivity | µS/cm (Note 1) | Quarterly | 1 | 1000 |
| Dissolved Oxygen | mg/L (Note 2) | Quarterly | 1 | 7.3 |
| Faecal Coliforms | org/100 mL (Note3) | Quarterly | 1 | 9200 |
| Nitrogen (ammonia) | mg/L (Note 2) | Quarterly | 1 | 18 |
| pH | pH | Quarterly | 1 | 7.5 |
| Potassium | mg/L (Note 2) | Quarterly | 1 | 53 |
| Redox potential | mV (Note 4) | Quarterly | 1 | 120 |
| Total dissolved solids | mg/L (Note 2) | Quarterly | 1 | 430 |
| Total organic carbon | mg/L (Note 2) | Quarterly | 1 | 28 |
| Explanatory Notes | (Note 1) µS/cm (microsiemens per centimetre) (Note 2) mg/L (milligrams per litre) (Note 3) org/100 mL (colony forming units per 100 millilitres) (Note 4) mV (millivolts) (Note 5) The surface water at this monitoring point was not in a state of flow and was contained within a holding pond. | | | |
| Monitoring Location (EPA Point 13) | | Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 13) | | |
| Pollutant | Units of measure | Monitoring frequency required by licence | No. of times measured during quarter | Value |
| Conductivity | µS/cm (Note 1) | Quarterly | 1 | 410 |
| Dissolved Oxygen | mg/L (Note 2) | Quarterly | 1 | 9.2 |
| Faecal Coliforms | org/100 mL (Note3) | Quarterly | 1 | 120 |
| Nitrogen (ammonia) | mg/L (Note 2) | Quarterly | 1 | 0.7 |
| pH | pH | Quarterly | 1 | 6.9 |
| Potassium | mg/L (Note 2) | Quarterly | 1 | 11 |
| Redox potential | mV (Note 4) | Quarterly | 1 | 140 |
| Total dissolved solids | mg/L (Note 2) | Quarterly | 1 | 200 |
| Total organic carbon | mg/L (Note 2) | Quarterly | 1 | 9.2 |
| Explanatory Notes | (Note 1) µS/cm (microsiemens per centimetre) (Note 2) mg/L (milligrams per litre) (Note 3) org/100 mL (colony forming units per 100 millilitres) (Note 4) mV (millivolts) | | | |

| Monitoring Location (EPA Point 14) (Note 5) | | Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 14) | | |
|---|--|---|--------------------------------------|-------|
| Pollutant | Units of measure | Monitoring frequency required by licence | No. of times measured during quarter | Value |
| Conductivity | µS/cm (Note 1) | Quarterly | 1 | 570 |
| Dissolved Oxygen | mg/L (Note 2) | Quarterly | 1 | 8.4 |
| Faecal Coliforms | org/100 mL (Note3) | Quarterly | 1 | 540 |
| Nitrogen (ammonia) | mg/L (Note 2) | Quarterly | 1 | 7 |
| pH | pH | Quarterly | 1 | 7.3 |
| Potassium | mg/L (Note 2) | Quarterly | 1 | 32 |
| Redox potential | mV (Note 4) | Quarterly | 1 | 85 |
| Total dissolved solids | mg/L (Note 2) | Quarterly | 1 | 320 |
| Total organic carbon | mg/L (Note 2) | Quarterly | 1 | 14 |
| Explanatory Notes | (Note 1) µS/cm (microsiemens per centimetre) (Note 2) mg/L (milligrams per litre) (Note 3) org/100 mL (colony forming units per 100 millilitres) (Note 4) mV (millivolts) (Note 5) The surface water at this monitoring point was not in a state of flow | | | |
| Monitoring Location (EPA Point 15) | | Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 15) | | |
| Pollutant | Units of measure | Monitoring frequency required by licence | No. of times measured during quarter | Value |
| Conductivity | µS/cm (Note 1) | Quarterly | 1 | 420 |
| Dissolved Oxygen | mg/L (Note 2) | Quarterly | 1 | 8.9 |
| Faecal Coliforms | org/100 mL (Note3) | Quarterly | 1 | 39 |
| Nitrogen (ammonia) | mg/L (Note 2) | Quarterly | 1 | 0.89 |
| pH | pH | Quarterly | 1 | 7.1 |
| Potassium | mg/L (Note 2) | Quarterly | 1 | 12 |
| Redox potential | mV (Note 4) | Quarterly | 1 | 130 |
| Total dissolved solids | mg/L (Note 2) | Quarterly | 1 | 180 |
| Total organic carbon | mg/L (Note 2) | Quarterly | 1 | 7.5 |
| Explanatory Notes | (Note 1) µS/cm (microsiemens per centimetre) (Note 2) mg/L (milligrams per litre) (Note 3) org/100 mL (colony forming units per 100 millilitres) (Note 4) mV (millivolts) | | | |

| Monitoring Location (EPA Point 21) (Note 5) | | 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 quarter | Value |
| Biochemical oxygen demand | mg/L (Note 1) | Quarterly | 1 | 18 |
| Explanatory Notes | (Note 1) mg/L (milligrams per litre) (Note 5) The surface water at this monitoring point was not in a state of flow within a sediment basin and was not being discharged off site | | | |
| Monitoring Location (EPA Point 2) (Note 5) | | 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 quarter | Value |
| Biochemical oxygen demand | mg/L (Note 1) | Quarterly | 1 | 4.6 |
| Explanatory Notes | (Note 1) mg/L (milligrams per litre) (Note 5) The surface water at this monitoring point was not in a state of flow within a wetland polishing pond | | | |
| Monitoring Location (EPA Point 16) | | Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 16) | | |
| Pollutant | Units of measure | Monitoring frequency required by licence | No. of times measured during quarter/year | Value |
| Alkalinity (as calcium) | mg/L (Note 1) | Quarterly | 1 | 22 |
| Calcium | mg/L (Note 1) | Quarterly | 1 | 2.3 |
| Chloride | mg/L (Note 1) | Quarterly | 1 | 88 |
| Magnesium | mg/L (Note 1) | Quarterly | 1 | 9.9 |
| Nitrogen | mg/L (Note 1) | Quarterly | 1 | 0.06 |
| pH | pH | Quarterly | 1 | 5.5 |
| Potassium | mg/L (Note 1) | Quarterly | 1 | 1 |
| Sodium | mg/L (Note 1) | Quarterly | 1 | 42 |
| Standing Water Level | metres | Quarterly | 1 | 17.29 |
| Sulfate | mg/L (Note 1) | Quarterly | 1 | < 2 |
| Total dissolved solids | mg/L (Note 1) | Quarterly | 1 | 150 |
| Total organic carbon | mg/L (Note 1) | Quarterly | 1 | < 5 |
| Explanatory Notes | (Note 1) mg/L (milligrams per litre) | | | |

| Monitoring Location (EPA Point 17) | | <i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 17)</i> | | |
|---------------------------------------|--------------------------------------|--|---|-------|
| Pollutant | Units of measure | Monitoring frequency required by licence | No. of times measured during quarter/year | Value |
| Alkalinity (as calcium carbonate) | mg/L (Note 1) | Quarterly | 1 | 9 |
| Calcium | mg/L (Note 1) | Quarterly | 1 | 2.3 |
| Chloride | mg/L (Note 1) | Quarterly | 1 | 70 |
| Magnesium | mg/L (Note 1) | Quarterly | 1 | 9.2 |
| Nitrogen | mg/L (Note 1) | Quarterly | 1 | 0.05 |
| pH | pH | Quarterly | 1 | 5.4 |
| Potassium | mg/L (Note 1) | Quarterly | 1 | 1.6 |
| Sodium | mg/L (Note 1) | Quarterly | 1 | 42 |
| Standing Water Level | metres | Quarterly | 1 | 6.44 |
| Sulfate | mg/L (Note 1) | Quarterly | 1 | 46 |
| Total dissolved solids | mg/L (Note 1) | Quarterly | 1 | 250 |
| Total organic carbon | mg/L (Note 1) | Quarterly | 1 | < 5 |
| Explanatory Notes | (Note 1) mg/L (milligrams per litre) | | | |
| Monitoring Location (EPA Point 18) | | <i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 18)</i> | | |
| Pollutant | Units of measure | Monitoring frequency required by licence | No. of times measured during quarter/year | Value |
| Alkalinity (as calcium carbonate) | mg/L (Note 1) | Quarterly | 1 | 310 |
| Calcium | mg/L (Note 1) | Quarterly | 1 | 13 |
| Chloride | mg/L (Note 1) | Quarterly | 1 | 230 |
| Magnesium | mg/L (Note 1) | Quarterly | 1 | 27 |
| Nitrogen | mg/L (Note 1) | Quarterly | 1 | 46 |
| pH | pH | Quarterly | 1 | 6.6 |
| Potassium | mg/L (Note 1) | Quarterly | 1 | 40 |
| Sodium | mg/L (Note 1) | Quarterly | 1 | 140 |
| Standing Water Level | metres | Quarterly | 1 | 15.07 |
| Sulfate | mg/L (Note 1) | Quarterly | 1 | 12 |
| Total dissolved solids | mg/L (Note 1) | Quarterly | 1 | 610 |
| Total organic carbon | mg/L (Note 1) | Quarterly | 1 | 31 |
| Explanatory Notes | (Note 1) mg/L (milligrams per litre) | | | |

| Monitoring Location (EPA Point 19) | | <i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 19)</i> | | |
|------------------------------------|--------------------------------------|--|---|--------|
| Pollutant | Units of measure | Monitoring frequency required by licence | No. of times measured during quarter/year | Value |
| Alkalinity (as calcium carbonate) | mg/L (Note 1) | Quarterly | 1 | 9 |
| Calcium | mg/L (Note 1) | Quarterly | 1 | 9.4 |
| Chloride | mg/L (Note 1) | Quarterly | 1 | 73 |
| Magnesium | mg/L (Note 1) | Quarterly | 1 | 6.5 |
| Nitrogen | mg/L (Note 1) | Quarterly | 1 | 3.2 |
| pH | pH | Quarterly | 1 | 5.6 |
| Potassium | mg/L (Note 1) | Quarterly | 1 | 12 |
| Sodium | mg/L (Note 1) | Quarterly | 1 | 32 |
| Standing Water Level | metres | Quarterly | 1 | 2.72 |
| Sulfate | mg/L (Note 1) | Quarterly | 1 | 28 |
| Total dissolved solids | mg/L (Note 1) | Quarterly | 1 | 220 |
| Total organic carbon | mg/L (Note 1) | Quarterly | 1 | 9.9 |
| Explanatory Notes | (Note 1) mg/L (milligrams per litre) | | | |
| Monitoring Location (EPA Point 20) | | <i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 20)</i> | | |
| Pollutant | Units of measure | Monitoring frequency required by licence | No. of times measured during quarter/year | Value |
| Alkalinity (as calcium carbonate) | mg/L (Note 1) | Quarterly | 1 | 34 |
| Calcium | mg/L (Note 1) | Quarterly | 1 | 1.7 |
| Chloride | mg/L (Note 1) | Quarterly | 1 | 35 |
| Magnesium | mg/L (Note 1) | Quarterly | 1 | 5 |
| Nitrogen | mg/L (Note 1) | Quarterly | 1 | < 0.05 |
| pH | pH | Quarterly | 1 | 6.2 |
| Potassium | mg/L (Note 1) | Quarterly | 1 | 0.9 |
| Sodium | mg/L (Note 1) | Quarterly | 1 | 23 |
| Standing Water Level | metres | Quarterly | 1 | 21.51 |
| Sulfate | mg/L (Note 1) | Quarterly | 1 | < 2 |
| Total dissolved solids | mg/L (Note 1) | Quarterly | 1 | 130 |
| Total organic carbon | mg/L (Note 1) | Quarterly | 1 | 9 |
| Explanatory Notes | (Note 1) mg/L (milligrams per litre) | | | |