



# EPA Monitoring Data Summary



*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 The information and data in this table must not be published elsewhere by any means without prior written consent from Kimbriki Environmental Enterprises.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	Aug-23						
Date Published	12 September 2023						
EPA Licence No.	13091						
EPA Licence Hyperlink	<a href="https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=211659&amp;SYSUID=1&amp;LICID=13091">https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=211659&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)		Please refer to the map, <i>Kimbriki Monitoring Sites.pdf</i> , for location (EPA 1)					
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during month	Min. value	Max. value	100 percentile limit	Non-compliances (yes/no)
Explanatory Notes		No surface water discharge occurred from this monitoring point during the month.					
Monitoring Location (EPA Point 2)		Please refer to the map, <i>Kimbriki Monitoring Sites.pdf</i> , for location (EPA 2)					
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during month	Min. value	Max. value	100 percentile limit	Non-compliances (yes/no)
Explanatory Notes		No surface water discharge occurred from this monitoring point during the month.					



# EPA Monitoring Data Summary



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	Non-compliances (yes/no)
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	1	3	3	20	No
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	1	0.02	0.02	1	No
pH	pH	Daily during any discharge	1	7.97	7.97	6.5-8.5	No
Total suspended solids	mg/L (Note 1)	Daily during any discharge	1	410.0	410.0	50	No
Explanatory Notes	(Note 1) mg/L (milligrams per litre) (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	Non-compliances (yes/no)
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	2	<2	5	20	No
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	3	0.01	0.06	1	No
pH	pH	Daily during any discharge	3	7.77	8.56	6.5-8.5	No
Total suspended solids	mg/L (Note 1)	Daily during any discharge	3	13.0	1200.0	50	No
Explanatory Notes	(Note 1) mg/L (milligrams per litre) (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)	Non-compliances (yes/no)
Residence Time	seconds	Continuous	Continuous	0.8	1.2	0.6	No
Temperature	°C (Note 1)	Continuous	Continuous	791.6	802.7	760	No
Explanatory Notes	(Note 1) °C (degrees Celsius) (Note 2) The parameter value must <b>be greater than</b> the Lower Limit specified						



# Monthly Summary of EPA Monitoring Data - No Limit



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Monitoring Period	Aug-23						
Date Published	12 September 2023						
EPA Licence No.	13091						
EPA Licence Hyperlink	<a href="https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=211659&amp;SYSUID=1&amp;LICID=13091">https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=211659&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)	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
Explanatory Notes	No surface water discharge occurred from this monitoring point during the month <input type="checkbox"/>						
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
Explanatory Notes	No surface water discharge occurred from this monitoring point during the month <input type="checkbox"/>						
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	125	125	125	375
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	3	189	282	196	460
Explanatory Notes	(Note 1) µS/cm (microsiemens per centimetre)						
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 (Note 1)	Continuous	Continuous	0 (Note 2)	314.7	376.0	428.0



## Monthly Summary of EPA Monitoring Data - No Limit



Explanatory Notes	<p>(Note 1) m<sup>3</sup>/h (cubic metres per hour) (Note 2) Zero value due to:</p> <ol style="list-style-type: none"><li>1. Flare was shut down on 4th August 2023 for 7.0 hours out of business hours due to compressor fault. The maintenance contractor could not restart the flare remotely. They attended the site in the morning and found compressor had faulted and reset it and checked the rest of the system then the flare was restarted onsite.</li><li>2. Flare was shut down on 6th August 2023 for 5.25 hours out of business hours then restarted remotely in the morning.</li><li>3. Flare was shut down on 17th August 2023 for 0.25 hours due to power supply outage. The flare was restarted remotely.</li><li>4. Flare was shut down on 18th August 2023 for 0.75 hours due to flame failure. The flare was restarted remotely after a few attempts.</li><li>5. Flare was shut down on 23rd August 2023 for 8.5 hours due to what was thought to be low methane. The flare could not be restarted remotely by the maintenance contractor. The maintenance contractor instructed KEE staff to reset the power and the flare still could not be restarted. The maintenance contractor attended site and the flare was restarted on site.</li><li>6. Flare was shut down on 24th August 2023 for 25 hours due to an analyser fault. The maintenance contractor attended site and the flare was restarted on site briefly before it shut down again. The flare could not be restarted remotely. The maintenance contractor attended site again on the 25th and identified issues with gas analyser. The flare was restarted on site for a few hours.</li><li>7. Flare was shut down from 25th to 28th August 2023 for 71.0 hours due to flame failure a few hours after restarted onsite. The maintenance contractor instructed KEE staff to reset the power on the 27th and the flare still could not be restarted. The flaring system contractor attended site on the 28th and identified that the Gas Analyser had faulted and needed to be replaced. A new analyser has been organised. The flare was restarted on site.</li><li>8. Flare was shut down on 30th April 2023 for 9.5 hours due to flame failure. The flare could not be restarted remotely by the maintenance contractor. The maintenance contractor instructed KEE staff to check the compressors and reset the power and the flare still could not be restarted. The maintenance contractor attended site and checked the compressor and the capacitors. Restarted the compressor then identified that the power supply for the 24V had failed. Replaced the unit and the battery. The maintenance contractor subsequently reset the system which enabled the flare to be restarted on site.</li><li>9. Flare was shut down on 31st August 2023 for 0.75 hours due to power supply outage. The flare was restarted remotely.</li></ol>
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Monitoring Period	June 2023 - August 2023						
Sample Date	10 August 2023						
Date Published	12 September 2023						
EPA Licence No.	13090						
EPA Licence Hyperlink	<a href="https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=202790&amp;SYSUID=1&amp;LICID=13090">https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=202790&amp;SYSUID=1&amp;LICID=13090</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 quarter	Min. value	Mean value	Median value	Max. value
Methane	ppm (Note 1)	Quarterly	1	1.6	3	2.3	6.3
Explanatory Notes	(Note 1) ppm (parts per million)						