

*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 The information and data in this table must not be published elsewhere by any means without prior written consent from Kimbriki Environmental Enterprises.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	Jan-20						
Date Published	12 February 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)
Explanatory Notes	No surface water discharge occurred from this monitoring point during the month						
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						
Monitoring Location (EPA Point 3)	<i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 3)</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)	1	5	5	20	no
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	1	0.34	0.34	1	no
pH	pH	Daily during any discharge	1	8.47	8.47	6.5-8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	1	11.0	11.0	50	no
Explanatory Notes	(Note 1) mg/L (milligrams per litre) (Note 2) Special Frequency 1 - Quarterly and on the first day of discharge						

## Monthly Summary of EPA Monitoring Data with Limits

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	<10	20	no
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	5	<0.01	0.08	1	no
pH	pH	Daily during any discharge	5	7.18	8.02	6.5-8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	5	4.2	50.0	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)	Exceedance (yes/no)
Residence Time	seconds	Continuous	Continuous	0.7	0.8	0.6	no
Temperature	°C (Note 1)	Continuous	Continuous	83	809	760	yes
Explanatory Notes	(Note 1) °C (degrees Celsius) (Note 2) The parameter value must <b>be greater than</b> the Lower Limit specified						

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Monitoring Location (EPA Point 22)	Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 22)				
Parameter	Units of measure	Monitoring frequency required by licence	Lower Limit (Note 2)	Exceedance Date	Value
Temperature	°C (Note 1)	Continuous	760	17/01/2020	83
Explanatory Notes	(Note 1) °C (degrees Celsius) (Note 2) The parameter value must <b>be greater than</b> the Lower Limit specified (Note 3) Flare was shutdown on 17th January 2020 for ~2.5 hours due to power supply outage, which resulted in low temperature at the flare. The flare was restarted on site.				

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Licensee Name		KIMBRIKI ENVIRONMENTAL ENTERPRISES PTY LIMITED					
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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					
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					
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	415	415	415	415
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	5	369	446	431	579
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)	490	495	538
Explanatory Notes		(Note 1) m <sup>3</sup> /h (cubic metres per hour) (Note 2) Zero value due to: 1. Flare was shutdown on 6th January 2020 for ~15.5 hours due to power supply outage. Flare was restarted remotely. 2. Flare was shutdown on 10th January 2020 for ~5 hours due to power supply outage. Flare was restarted remotely. 3. Flare was shutdown on 17th January 2020 for ~2.5 hours due to power supply outage. Flare was restarted on site. 4. Flare was shutdown on 20th January 2020 for ~3.0 hours due to power supply outage. Flare was restarted remotely.					