

*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 The information and data in this table must not be published elsewhere by any means without prior written consent from Kimbriki Environmental Enterprises.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-19						
Date Published	16 September 2019						
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)
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	6.82	6.82	6.5-8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	1	20.0	20.0	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 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)
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 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)	1	<5	<5	20	no
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	2	0.05	0.05	1	no
pH	pH	Daily during any discharge	2	6.61	7.06	6.5-8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	2	210.0	270.0	50	no (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) No exceedance recorded on 30th and 31st August 2019 due to five-day cumulative rainfall exceeding the five-day duration 90th percentile rainfall event allowance for discharge at the premises (being 62.1mm). Kimbriki perform daily inspection of sediment controls and proactively maintain controls by all means practicable to ensure potential for suspended solid discharge is minimised.						
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	793	811	760	No
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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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.					
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	229	229	229	229
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
Explanatory Notes		No surface water discharge occurred from this monitoring point during the month.					
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	220	266	266	312
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)	449	471	487
Explanatory Notes		(Note 1) m <sup>3</sup> /h (cubic metres per hour) (Note 2) Zero value due to: 1. Flare was shutdown on 1st August 2019 for ~24.5 hours due to a power supply outage. Flare was restarted on site. 2. Flare was shutdown on 8th August 2019 for ~3.25 hours to enable compressor replacement at the flare and for raising a gas well. Flare was restarted on site. 3. Flare was shutdown on 9th August 2019 for ~0.25 hours due to flame fail. Flare was restarted remotely. 4. Flare was shutdown on 30th August 2019 for ~ 5.0 hours due to scheduled maintenance. Flare was restarted remotely.					

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Monitoring Period	May 2019 - August 2019						
Sample Date	6 August 2019						
Date Published	16 September 2019						
EPA Licence No.	13090						
EPA Licence Hyperlink	<a href="https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=162596&amp;SYSUID=1&amp;LICID=13090">https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=162596&amp;SYSUID=1&amp;LICID=13090</a>						
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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	2	3	3	15
Explanatory Notes	(Note 1) ppm (parts per million)						