

*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 The information and data in this table must not be published elsewhere by any means without prior written consent from Kimbriki Environmental Enterprises.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	Apr-19						
Date Published	16 May 2019						
EPA Licence No.	13091						
EPA Licence Hyperlink	<a href="http://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=71945&amp;SYSUID=1&amp;LICID=13091">http://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=71945&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	Exceedance (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	Exceedance (yes/no)
Explanatory Notes	No surface water discharge occurred from this monitoring point during the month.						
Monitoring Location (EPA Point 3)	Please refer to the map, <i>Kimbriki Monitoring Sites.pdf</i> , 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)
Explanatory Notes	No surface water discharge occurred from this monitoring point during the month.						
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	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	<5	<5	20	no (see Note 3)
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	8	0.05	0.30	1	no
pH	pH	Daily during any discharge	8	7.37	7.84	6.5-8.5	no

## Monthly Summary of EPA Monitoring Data with Limits

Total suspended solids	mg/L (Note 1)	Daily during any discharge	8	4.60	270.0	50	yes
Explanatory Notes	<p>(Note 1) mg/L (milligrams per litre)            (Note 2) Special Frequency 1 - Quarterly and on the first day of discharge            (Note 3) Incomplete data set for BOD occurred on 3rd April 2019 due to a misunderstanding by a staff member about the requirement to send BOD samples for laboratory testing on the first day of discharge from the premises. However it is expected this result was &lt;5 based on available historical data at this monitoring point and the BOD result on the subsequent day during discharge was &lt;5mg/L so no exceedance has been recorded.</p>						
Monitoring Location (EPA Point 22)	<p><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></p>						
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	829	760	No
Explanatory Notes	<p>(Note 1) °C (degrees Celsius)            (Note 2) The parameter value must <b>be greater than</b> the Lower Limit specified</p>						

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Licensee Name	KIMBRIKI ENVIRONMENTAL ENTERPRISES PTY LIMITED					
Licensee Address	PO BOX 196, Terrey Hills, NSW 2084					
Monitoring Location (EPA Point 21)	Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 1)					
Pollutant	Units of measure	Monitoring frequency required by licence	100 percentile limit	Exceedance Date	Value	Five-day cumulative rainfall recorded on site (mm) (Note 1)
Total suspended solids	mg/L (Note 2)	Daily during any discharge	50	3/04/2019	66 (Note 3)	39
Total suspended solids	mg/L (Note 2)	Daily during any discharge	50	5/04/2019	270 (Note 3)	33.5
Explanatory Notes	<p>(Note 1) mm (millimetres)</p> <p>(Note 2) mg/L (milligrams per litre)</p> <p>(Note 3) While the 5-day cumulative rainfall at the time of exceedance on 3rd and 5th April 2019 did not meet the 62.1mm threshold, the result is attributable to the significant amount of rainfall received during the previous month (275mm). The western basins (i.e. EPA 1 and EPA 21) were being used to treat runoff from the previous large rainfall event and during the process of preparing them in readiness for rainfall, a minor rainfall event occurred. Kimbriki perform daily inspection of sediment controls and proactively maintain controls by all means practicable to ensure potential for suspended solids discharge is minimised.</p>					

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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
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	8	361	395	385	446
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)	472	487	497
Explanatory Notes		(Note 1) m <sup>3</sup> /h (cubic metres per hour) (Note 2) Zero value due to: 1. Flare was shutdown on 9th April for 21 hours due to a power supply outage.					