

## 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 The information and data in this table must not be published elsewhere by any means without prior written consent from Kimbriki Environmental Enterprises.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 November 2016 - 30 November 2016	
Date Published	15 December 2016	
EPA Licence No.	13091	
EPA Licence Hyperlink	<a href="http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=32504&amp;SYSUID=1&amp;LICID=13091">http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=32504&amp;SYSUID=1&amp;LICID=13091</a>	
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.	
Monitoring Location (EPA Point 2)	<i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 2)</i>	
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>	
Explanatory Notes	No surface water discharge occurred from this monitoring point during the month.	

Monthly Summary of EPA  
Monitoring Data continued.

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)	7	< 5	5.2	20	no
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	12	< 0.01	0.41	1	no
pH	pH	Daily during any discharge	12	7.3	8.25	6.5 - 8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	12	< 5	33	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)		<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	0.8	1.2	0.6	No
Temperature	°C (Note 1)	Continuous	Continuous	127 (Note 3)	811.0	760	No
Explanatory Notes	(Note 1) °C (degrees Celsius) (Note 2) The parameter value must <b>be greater than</b> the Lower Limit specified (Note 3) Low temperature occurred on 17th November 2016 for 0.5 hour due to flame failure. 5%ile = 796.6°C						

Monthly Summary of EPA  
Monitoring Data continued.



Monthly Summary of EPA Monitoring Data - No Limit

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Date Published	15 December 2016						
EPA Licence No.	13091						
EPA Licence Hyperlink	<a href="http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=32504&amp;SYSUID=1&amp;LICID=13091">http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=32504&amp;SYSUID=1&amp;LICID=13091</a>						
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.						
Monitoring Location (EPA Point 2)	<i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 2)</i>						
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>						
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	12	508	738	539	2080
Explanatory Notes	(Note 1) µS/cm (microsiemens per centimetre)						

Monthly Summary of EPA  
Monitoring Data continued.

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 <b>month</b>	Min. value	Mean value	Median value	Max. value
Volumetric flowrate	m <sup>3</sup> /h (Note 1)	Continuous	Continuous	0 (Note 2)	417	428	455
Explanatory Notes	(Note 1) m <sup>3</sup> /h (cubic metres per hour) (Note 2) Zero value due to: 1. Power supply outage on 6th November 2016 for 0.5 hour. Flare restarted remotely. 2. Power supply outage on 12th November 2016 for 3.0 hours. Flare restarted remotely. 3. Flame failed on 16th November 2016 for 5.0 hours. Flare restarted on site. 4. Flame failed on 17th November 2016 for 0.5 hour. 5. Flare shutdown for maintenance on 18th November 2016 for 1.0 hour. 6. Low temperature occurred on 17th November 2016 for 0.5 hour due to flame failure.						

Monthly Summary of EPA  
Monitoring Data continued.



Quarterly Summary of EPA Monitoring Data

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Monitoring Period	August 2016 - November 2016						
Date Published	15 December 2016						
EPA Licence No.	13090						
EPA Licence Hyperlink	<a href="https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=74180&amp;SYSUID=1&amp;LICID=13090">https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=74180&amp;SYSUID=1&amp;LICID=13090</a>						
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>						
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	34	2	1000
Explanatory Notes	(Note 1) ppm (parts per million)						