

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 The information and data in this table must not be published elsewhere by any means without prior written consent from Kimbriki Environmental Enterprises.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 February 2016 - 29 February 2016						
Date Published	11 March 2016						
EPA Licence No.	13091						
EPA Licence Hyperlink	http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=32504&SYSUID=1&LICID=13091						
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 month	Min. value	Max. value	100 percentile limit	Exceed-ance (yes/no)
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	2	8.1	9.7	20	no
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	2	<0.01	0.81	1	no
pH	pH	Daily during any discharge	2	6.79	7.11	6.5 - 8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	2	31	36	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 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>						
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during month	Min. value	Max. value	100 percentile limit	Exceed-ance (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	0.06	0.06	1	no
pH	pH	Daily during any discharge	1	7.43	7.43	6.5 - 8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	1	16	16	50	no
Explanatory Notes	(Note 1) mg/L (milligrams per litre) (Note 2) Special Frequency 1 - Quarterly and on the first day of discharge						

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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	Exceed-ance (yes/no)
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	6	< 5	8.4	20	no
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	7	0.03	1	1	no
pH	pH	Daily during any discharge	7	6.55	7.35	6.5 - 8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	7	8.8	31	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)	Exceed-ance (yes/no)
Residence Time	seconds	Continuous	Continuous	0.8	1.0	0.6	No
Temperature	°C (Note 1)	Continuous	Continuous	69.1 (Note 3)	815.5	760	No
Explanatory Notes	(Note 1) °C (degrees Celsius) (Note 2) The parameter value must be greater than the Lower Limit specified (Note 3) Low temperature occurred on 10th February 2016 for 0.5 hour. This was due to flare restart after flame failure. The 5%ile value was 796.2 °C.						

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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 month	Min. value	Mean value	Median value	Max. value
Conductivity	µS/cm (Note 1)	Daily during any discharge	2	361	386	386	411
Explanatory Notes	(Note 1) µS/cm (microsiemens per centimetre)						
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>						
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	435	435	435	435
Explanatory Notes	(Note 1) µS/cm (microsiemens per centimetre)						
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	7	363	453	442	537
Explanatory Notes	(Note 1) µS/cm (microsiemens per centimetre)						

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Monitoring Location (EPA Point 22)		Enclosed Ground Level Flare in the North-Eastern corner of the Premises.					
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 ³ /h (Note 1)	Continuous	Continuous	0.0 (Note 2)	437.4	442.0	464.0
Explanatory Notes	(Note 1) m ³ /h (cubic metres per hour) (Note 2) Zero value due to system shutdowns for maintenance and other work performed as well as power supply outage.						

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Quarterly Summary of EPA Monitoring Data

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Monitoring Period	November 2015 - February 2016						
Sample Date	11 February 2016						
Date Published	11 March 2016						
EPA Licence No.	13090						
EPA Licence Hyperlink	http://www.environment.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=9934&SYSUID=1&LICID=13090						
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	5	43	25	124
Explanatory Notes	(Note 1) ppm (parts per million)						