

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 The information and data in this table must not be published elsewhere by any means without prior written consent from Kimbriki Environmental Enterprises.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 April 2014 - 30 April 2014
Date Published	9 May 2014
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) *Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 1)*

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	Max. value	100 percentile limit	Exceedance (yes/no)
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	3	2.1	4.3	20	no
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	5	0.03	0.28	1	no
pH	pH	Daily during any discharge	5	6.9	7.2	6.5 - 8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	5	39	320	50	yes (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) Refer to Exceedance Table for more information

Monitoring Location (EPA Point 3) *Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 3)*

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	Max. value	100 percentile limit	Exceedance (yes/no)
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	5	< 2	8.4	20	no
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	9	< 0.01	0.48	1	no
pH	pH	Daily during any discharge	9	6.6	8.4	6.5 - 8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	9	19	400	50	yes (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) Refer to Exceedance Table for more information

Monitoring Location (EPA Point 22) *Enclosed Ground Level Flare in the North-Eastern corner of the Premises.*

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)
Temperature	°C (Note 1)	Continuous	Continuous	0 (Note 3)	926	760	yes (Note 4)

Explanatory Notes (Note 1) °C (degrees Celsius)
(Note 2) The parameter value must **be greater than** the Lower Limit specified
(Note 3) Flare was shut down on several occasions during the month for repair/maintenance & also due to a power outage
(Note 4) Refer to Exceedance Table for more information

Exceedance Table



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 April 2014 - 30 April 2014					
Date Published	9 May 2014					
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 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	100 percentile limit	Exceedance Date	Value	Recorded Site Rainfall (mm) (Note 2)
Total suspended solids	mg/L (Note 1)	Daily during any discharge	50	7/04/2014	240	21
Total suspended solids	mg/L (Note 1)	Daily during any discharge	50	12/04/2014	320	8.5
Total suspended solids	mg/L (Note 1)	Daily during any discharge	50	16/04/2014	53	15
Exceedance Information	While the 5 day cumulative rainfall at the time of these exceedances did not reach 62.1 mm (EPL 13091 L2.1) they remain attributable to rainfall events received on or close to the dates above. All practical measures to avoid and minimise any exceedances are taken through the ongoing implementation of the Erosion & Sediment Control Plan.					
Explanatory Notes	(Note 1) mg/L (milligrams per litre) (Note 2) mm (millimetres)					
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	100 percentile limit	Exceedance Date	Value	Recorded Site Rainfall (mm) (Note 2)
Total suspended solids	mg/L (Note 1)	Daily during any discharge	50	1/04/2014	220	0
Total suspended solids	mg/L (Note 1)	Daily during any discharge	50	7/04/2014	400	21
Total suspended solids	mg/L (Note 1)	Daily during any discharge	50	8/04/2014	230	3
Total suspended solids	mg/L (Note 1)	Daily during any discharge	50	9/04/2014	110	1
Total suspended solids	mg/L (Note 1)	Daily during any discharge	50	12/04/2014	61	8.5
Total suspended solids	mg/L (Note 1)	Daily during any discharge	50	16/04/2014	120	15
Exceedance Information	While the 5 day cumulative rainfall at the time of these exceedances did not reach 62.1 mm (EPL 13091 L2.1) they remain attributable to rainfall events received on or close to the dates above. All practical measures to avoid and minimise any exceedances are taken through the ongoing implementation of the Erosion & Sediment Control Plan.					
Explanatory Notes	(Note 1) mg/L (milligrams per litre) (Note 2) mm (millimetres)					
Monitoring Location (EPA Point 22)	Enclosed Ground Level Flare in the North-Eastern corner of the Premises.					
Parameter	Units of measure	Monitoring frequency required by licence	Lower Limit (Note 2)	Exceedance Date	Min. value	Exceedance Information
Temperature	°C (Note 1)	Continuous	760	4-10/04/2014	0	Air flow control damper failure (jammed) (4 Apr) which affected operating temperature. Flare typically operated at 400 - 500oC until repairs could be made (10 Apr). After repairs, operational flare temperature was > 760oC (800oC + / - 5oC).
Explanatory Notes	(Note 1) °C (degrees Celsius) (Note 2) The parameter value must be greater than the Lower Limit specified					

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 April 2014 - 30 April 2014						
Date Published	9 May 2014						
EPA Licence No.	13091						
EPA Licence Hyperlink	http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=32504&SYSUIID=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>						
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	Mean value	Median value	Max. value
Conductivity	µS/cm (Note 1)	Daily during any discharge	5	252	402	380	673
Explanatory Notes	(Note 1) µS/cm (microsiemens per centimetre)						
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	9	360	406	395	498
Explanatory Notes	(Note 1) µS/cm (microsiemens per centimetre)						
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 month	Min. value	Mean value	Median value	Max. value
Volumetric flowrate	m ³ /h (Note 1)	Continuous	Continuous	0	167	170	212
Explanatory Notes	(Note 1) m ³ /h (cubic metres per hour)						