

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 The information and data in this table must not be published elsewhere by any means without prior written consent from Kimbriki Environmental Enterprises.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.environment.nsw.gov.au/epa/index.htm>

Monitoring Period	01 April 2013 - 30 April 2013
Date Published	14 May 2013
EPA Licence No.	13091
EPA Licence Hyperlink	<a href="http://www.environment.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=30667&amp;SYSUID=1&amp;LICID=13091">http://www.environment.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=30667&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)** 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	Max. value	100 percentile limit	Exceedance (yes/no)
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	5	< 2	5	20	no
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	11	< 0.01	0.27	1	no
pH	pH	Daily during any discharge	11	6.9	8	6.5 - 8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	11	5	810	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) As per EPL 13091 L2.1 - As the 5 day cumulative rainfall was 76.5mm which is greater than 62.1 mm and Kimbriki took all practical measures to avoid or minimise water pollution, then no exceedance is taken to have occurred. Total rainfall measured for the month of April was 197.5mm

**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)	4	2	19	20	no
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	10	0.1	0.2	1	no
pH	pH	Daily during any discharge	10	7	7.8	6.5 - 8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	10	23	470 130	50	no (Note 3) yes (Note 4)

**Explanatory Notes**  
 (Note 1) mg/L (milligrams per litre)  
 (Note 2) Special Frequency 1 - Quarterly and on the first day of discharge  
 (Note 3) As per EPL 13091 L2.1 - The maximum value measured was 470, however this occurred when the 5 day cumulative rainfall was 76.5mm which is greater than 62.1 mm and Kimbriki took all practical measures to avoid or minimise water pollution, as such this occurrence is not taken to have been an exceedance.  
 (Note 4) Please refer to Exceedance Table for further information.

Monthly Summary of EPA  
Monitoring Data continued.

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	Max. value	100 percentile limit	Exceedance (yes/no)
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	Nil (Note 3)	-	-	20	no
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	Nil (Note 3)	-	-	1	no
pH	pH	Daily during any discharge	Nil (Note 3)	-	-	6.5 - 8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	Nil (Note 3)	-	-	50	no
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 discharge during 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)	7	< 2	4.2	20	no
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	23	< 0.01	0.21	1	no
pH	pH	Daily during any discharge	23	6.8	8.3	6.5 - 8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	23	< 5	470	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) As per EPL 13091 L2.1 - The maximum value measured was 470, however this occurred when the 5 day cumulative rainfall was 93mm which is greater than 62.1 mm and Kimbriki took all practical measures to avoid or minimise water pollution, as such this occurrence is not taken to have been an exceedance.						

**Exceedance Table**



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Licensee Name	KIMBRIKI ENVIRONMENTAL ENTERPRISES PTY LIMITED					
Licensee Address	Locked Bag 6, Terrey Hills, NSW 2084					
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	100 percentile limit	Exceedance Date	Value	Recorded Site Rainfall (mm) (Note 2)
Total suspended solids	mg/L (Note 1)	Daily during any discharge	50	10/04/2013	130	4
Exceedance Information	While the 5 day cumulative rainfall at this time did not reach 62.1 mm (EPL 13091 L2.1) the total rainfall measured during the month of April was significant at 197.5mm. Kimbriki took all practical measures to avoid and minimise these exceedances through the ongoing implementation of the Erosion & Sediment Control Plan.					
Explanatory Notes	(Note 1) mg/L (milligrams per litre) (Note 2) mm (millimetres)					

Other formats are available.

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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	11	0.181	0.345	0.348	0.457
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>						
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	10	270	390	380	550
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>						
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	Nil (Note 2)	-	-	-	-
Explanatory Notes	(Note 1) µS/cm (microsiemens per centimetre) (Note 2) No discharge during 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	23	230	358	350	580
Explanatory Notes	(Note 1) µS/cm (microsiemens per centimetre)						