

## Monthly Summary of EPA Monitoring Data

Monitoring Period	01 April 2012 - 30 April 2012						
Date Published	29 June 2012						
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)	3	< 2	< 5	20	no
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	8	0	0	1	no
pH	pH	Daily during any discharge	8	7.0	7.2	6.8 - 8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	8	< 5	180	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) Please refer to Exceedance Table for further information						
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)	1	< 2	< 2	20	no
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	4	0	0	1	no
pH	pH	Daily during any discharge	4	7.0	7.4	6.8 - 8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	4	< 5	97	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) Please refer to Exceedance Table for further information						
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)	-	-	6.8 - 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						

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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	-	-	-	-	-
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	-	-	-	-	-
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						

## Exceedance Table

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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	100 percentile limit	Exceedance Date	Value	Recorded Site Rainfall (mm) (Note 2)
Total suspended solids	mg/L (Note 1)	Daily during any discharge	50	17/04/2012	110	82 (Note 3)
				18/04/2012	180	123 (Note 3)
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	17/04/2012	97	82 (Note 3)
				18/04/2012	75	123 (Note 3)
Exceedance Information	<p>The current EPL condition L2.1, states that the licensee is taken not to have exceeded the above 100 percentile limit if the discharge is solely as a result of a rainfall event that is equal to or greater than a 1 in 5-year recurrence interval of 24 hours duration. For Kimbriki's location this would equate to 204 mm (in 24 hours). This differs from the current guidance provided in the EPA document, <i>Managing Urban Stormwater: Soils and Construction Volume 1</i>, March 2004 (the Blue Book), which stipulates a 5 day cumulative rainfall event of 61.2 mm (for Mona Vale, Table 6.3A). Under this condition the above occurrences would not have been an exceedance and an application has been made to align discharge limits to current EPA guidelines.</p> <p>The licensee has also adopted a staged plan, which is being reviewed by the EPA, for implementing actions to control erosion and minimise sediment in the stormwater run-off from the site. The plan takes into account the complex catchment and topography of the surrounding land, and the influence during heavy rainfall events of waters from a wider catchment area than the site alone.</p>					
Explanatory Notes	<p>(Note 1) mg/L (milligrams per litre)</p> <p>(Note 2) mm (millimetres)</p> <p>(Note 3) Site rainfall recorded daily at 9am, as such rainfall record for 17/04/2012 above is that measured on 18/04/2012 at 9am.</p>					

Other formats are available.