

Monthly Summary of EPA Monitoring Data



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Monitoring Period	01 May 2013 - 31 May 2013						
Date Published	13 June 2013						
EPA Licence No.	13091						
EPA Licence Hyperlink	http://www.environment.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	Exceedance (yes/no)
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	2	< 2	< 2	20	no
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	2	0.1	0.2	1	no
pH	pH	Daily during any discharge	2	7.3	7.6	6.5 - 8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	2	18	27	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>						
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)	2	3.9	4.4	20	no
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	5	< 0.01	0.1	1	no
pH	pH	Daily during any discharge	5	6.9	7.1	6.5 - 8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	5	64	140	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) As per EPL 13091 L2.1 - The minimum value of 64 mg/L is not an exceedance as the 5 day cumulative rainfall was 64.5mm which is greater than 62.1 mm and Kimbriki took all practical measures to avoid or minimise water pollution. However the maximum value of 140 mg/L is an exceedance as the 5 day cumulative rainfall was 53.5 mm which is less than 62.1 mm. Please refer to Exceedance Table for further information.						

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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)	8	< 2	2	20	no
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	18	< 0.01	0.1	1	no
pH	pH	Daily during any discharge	18	6.9	8.1	6.5 - 8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	18	< 5	200	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						

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	28/05/2013	140	11
Exceedance Information	While the 5 day cumulative rainfall at this time did not reach 62.1 mm (EPL 13091 L2.1) it did reach 53.5 mm and the total 6 day cumulative rainfall prior to this occurrence was significant at 75.5 mm. 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)					
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	100 percentile limit	Exceedance Date	Value	Recorded Site Rainfall (mm) (Note 2)
Total suspended solids	mg/L (Note 1)	Daily during any discharge	50	28/05/2013	200	11
Total suspended solids	mg/L (Note 1)	Daily during any discharge	50	29/05/2013	160	0
Total suspended solids	mg/L (Note 1)	Daily during any discharge	50	30/05/2013	120	0
Total suspended solids	mg/L (Note 1)	Daily during any discharge	50	31/05/2013	93	0
Exceedance Information	While the 5 day cumulative rainfall at this time did not reach 62.1 mm (EPL 13091 L2.1). The total rainfall received in the previous 6 day period was significant at 75.5 mm. 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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Monitoring Period	01 May 2013 - 31 May 2013						
Date Published	13 June 2013						
EPA Licence No.	13091						
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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	404	418	418	432
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	5	230	336	372	412
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	18	304	388	408	466
Explanatory Notes	(Note 1) µS/cm (microsiemens per centimetre)						

Quarterly Summary of EPA Monitoring Data



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Monitoring Period	22 February 2013 - 6 May 2013						
Sample Date	6 May 2013						
Date Published	13 June 2013						
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	97	183	176	339
Explanatory Notes	(Note 1) ppm (parts per million)						