

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 The information and data in this table must not be published elsewhere by any means without prior written consent from Kimbriki Environmental Enterprises.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 February 2013 - 28 February 2013						
Date Published	14 March 2013						
EPA Licence No.	13091						
EPA Licence Hyperlink	http://www.environment.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=30667&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)	6	< 2	4.3	20	no
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	12	< 0.01	0.37	1	no
pH	pH	Daily during any discharge	12	6.6	8.2	6.5 - 8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	12	< 5	500	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)	<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)	5	3.6	5.9	20	no
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	13	< 0.01	0.66	1	no
pH	pH	Daily during any discharge	13	7	8.1	6.5 - 8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	13	11	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) 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	20	no
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	19	< 0.01	0.49	1	no
pH	pH	Daily during any discharge	19	6.6	8.1	6.5 - 8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	19	< 5	280	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 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	100 percentile limit	Exceedance Date	Value	Recorded Site Rainfall (mm) (Note 2)
Total suspended solids	mg/L (Note 1)	Daily during any discharge	50	17/02/2013	500	15
				18/02/2013	230	1
				19/02/2013	85	2
				20/02/2013	100	3.5
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	12/02/2013	65	7.5
				13/02/2013	140	7
				17/02/2013	74	15
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	17/02/2013	280	15
Exceedance Information	While the 5 day cumulative rainfall during these exceedances did not reach 62.1 mm (EPL 13091 L2.1) they remain attributable to the significant rainfall received during the month of February. The rainfall recorded during the month of February in total was 176.5mm and the total rainfall measured during the 10 day period in which the above exceedances occurred was 48mm. During the month of February there were only 9 days where nil rainfall was recorded. 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	12	280	360	355	480
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	13	260	653	640	960
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	19	270	410	420	560
Explanatory Notes	(Note 1) µS/cm (microsiemens per centimetre)						

Quarterly Summary of EPA Monitoring Data



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Monitoring Period	24 November 2012 - 21 February 2013						
Sample Date	21 February 2013						
Date Published	14 March 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	16	82	85	154
Explanatory Notes	(Note 1) ppm (parts per million)						