

Monthly Summary of EPA Monitoring Data



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Monitoring Period	01 June 2014 - 30 June 2014						
Date Published	14 July 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)	<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)	1	< 2	< 2	20	no
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	1	9.7	9.7	1	yes (Note 3)
pH	pH	Daily during any discharge	1	7.2	7.2	6.5 - 8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	1	47	47	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) Refer to Exceedance Table for more 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)	2	3.6	4.2	20	no
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	3	0.05	0.13	1	no
pH	pH	Daily during any discharge	3	7.2	7.2	6.5 - 8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	3	130	290	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 - Because the 5 day cumulative rainfall was 64mm 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.						

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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	Max. value	100 percentile limit	Exceedance (yes/no)
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	4	< 2	5.5	20	no
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	6	0.04	6.7	1	yes (Note 3)
pH	pH	Daily during any discharge	6	6.9	7.8	6.5 - 8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	6	17	490	50	no (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) Refer to Exceedance Table for more information (Note 4) The Max. value of 490 mg/L is not an exceedance as per EPL 13091 L2.1 - As the 5 day cumulative rainfall was 64mm which is greater than 62.1 mm and Kimbriki took all practical measures to avoid or minimise water pollution. However there were 2 exceedances for TSS during this period, refer to Exceedance Table for more information						
Monitoring Location (EPA Point 22)		<i>Enclosed Ground Level Flare in the North-Eastern corner of the Premises. Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 22)</i>					
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	810.2	760	yes (Note 3)
Explanatory Notes	(Note 1) °C (degrees Celsius) (Note 2) The parameter value must be greater than the Lower Limit specified (Note 3) Refer to Exceedance Table for more information						

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Exceedance Table



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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)	<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)
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	1	25/06/2014	9.7	0
Exceedance Information	The result on 25th June 2014 was unexpected as on-site testing indicated a result well below 1mg/L. The sampling practice and the laboratory result have been checked so it is believed that the result is potentially due to sample cross-contamination on site.					
Explanatory Notes	(Note 1) mg/L (milligrams per litre) (Note 2) mm (millimetres)					

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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	100 percentile limit	Exceedance Date	Value	Recorded Site Rainfall (mm) (Note 2)
Total suspended solids	mg/L (Note 1)	Daily during any discharge	50	11/06/2014	300	4
Total suspended solids	mg/L (Note 1)	Daily during any discharge	50	25/06/2014	300	0
Exceedance Information	While the 5 day cumulative rainfall at the time of these exceedances did not reach 62.1 mm (EPL 13091 L2.1) there was 68mm of rainfall received on site during the 6 days prior to the 11th June 2014. The result on 25th June 2014 was unexpected as on-site testing indicated a result well below 50mg/L. The sampling practice and the laboratory result have been checked so it is believed that the result is potentially due to sample cross-contamination on site. All practical measures to avoid and minimise any exceedances are taken through the ongoing implementation of the Erosion & Sediment Control Plan.					
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	1	11/06/2014	6.7	4
Exceedance Information	This result was due to development work being undertaken on the leachate recirculation pipework system on the site. During this work a maintenance activity resulted in a quantity of leachate entering the Western perimeter drain. The situation was quickly rectified however due to rainfall received in the 6 day period prior a consequential discharge occurred as recorded above.					
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-Jun	0	The flare was shut down for approximately 25 hours to allow replacement of Knock Out pot. When operational the flare temperature was 800°C (+/- 5°C)
Temperature	°C (Note 1)	Continuous	760	11-Jun	0	The flare was shut down for approximately 2.5 hours to check and adjust the flare. When operational the flare temperature was 800°C (+/- 5°C)
Explanatory Notes	(Note 1) °C (degrees Celsius) (Note 2) The parameter value must be greater than the Lower Limit specified					

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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	1	420	420	420	420
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	3	242	325	336	398
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	6	269	482	442	870
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	194	206	233
Explanatory Notes	(Note 1) m ³ /h (cubic metres per hour)						

Quarterly Summary of EPA Monitoring Data



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Monitoring Period	March 2014 - June 2014			
Sample Date	4 June 2014 (Surface Water) and 5 June 2014 (Ground Water)			
Date Published	14 July 2014			
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 5)		<i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 5)</i>		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value
Conductivity	µS/cm (Note 1)	Quarterly	1	1200
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9.2
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	19
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.02
pH	pH	Quarterly	1	6.3
Potassium	mg/L (Note 2)	Quarterly	1	3.3
Redox potential	mV (Note 4)	Quarterly	1	(+) 96
Total dissolved solids	mg/L (Note 2)	Quarterly	1	790
Total organic carbon	mg/L (Note 2)	Quarterly	1	5.7
Explanatory Notes	(Note 1) µS/cm (microsiemens per centimetre) (Note 2) mg/L (milligrams per litre) (Note 3) org/100 mL (colony forming units per 100 millilitres) (Note 4) mV (millivolts)			
Monitoring Location (EPA Point 6)		<i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 6)</i>		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value
Conductivity	µS/cm (Note 1)	Quarterly	1	260
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9.7
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	~4
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.03
pH	pH	Quarterly	1	6.9
Potassium	mg/L (Note 2)	Quarterly	1	1.3
Redox potential	mV (Note 4)	Quarterly	1	(+) 111
Total dissolved solids	mg/L (Note 2)	Quarterly	1	130
Total organic carbon	mg/L (Note 2)	Quarterly	1	< 5
Explanatory Notes	(Note 1) µS/cm (microsiemens per centimetre) (Note 2) mg/L (milligrams per litre) (Note 3) org/100 mL (colony forming units per 100 millilitres) (Note 4) mV (millivolts)			
Monitoring Location (EPA Point 7)		<i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 7)</i>		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value
Conductivity	µS/cm (Note 1)	Quarterly	1	470
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	10
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	230
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	3.9
pH	pH	Quarterly	1	7.7
Potassium	mg/L (Note 2)	Quarterly	1	7.2
Redox potential	mV (Note 4)	Quarterly	1	(+) 108
Total dissolved solids	mg/L (Note 2)	Quarterly	1	240
Total organic carbon	mg/L (Note 2)	Quarterly	1	12
Explanatory Notes	(Note 1) µS/cm (microsiemens per centimetre) (Note 2) mg/L (milligrams per litre) (Note 3) org/100 mL (colony forming units per 100 millilitres) (Note 4) mV (millivolts)			

Monitoring Location (EPA Point 8)		Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 8)		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value
Conductivity	µS/cm (Note 1)	Quarterly	1	380
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	6.6
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	1200
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.41
pH	pH	Quarterly	1	7.4
Potassium	mg/L (Note 2)	Quarterly	1	6.5
Redox potential	mV (Note 4)	Quarterly	1	(+) 112
Total dissolved solids	mg/L (Note 2)	Quarterly	1	240
Total organic carbon	mg/L (Note 2)	Quarterly	1	9.1
Explanatory Notes	(Note 1) µS/cm (microsiemens per centimetre) (Note 2) mg/L (milligrams per litre) (Note 3) org/100 mL (colony forming units per 100 millilitres) (Note 4) mV (millivolts)			
Monitoring Location (EPA Point 9)		Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 9)		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value
Conductivity	µS/cm (Note 1)	Quarterly	1	420
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9.4
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	460
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.08
pH	pH	Quarterly	1	7.6
Potassium	mg/L (Note 2)	Quarterly	1	6.5
Redox potential	mV (Note 4)	Quarterly	1	(+) 106
Total dissolved solids	mg/L (Note 2)	Quarterly	1	230
Total organic carbon	mg/L (Note 2)	Quarterly	1	8.6
Explanatory Notes	(Note 1) µS/cm (microsiemens per centimetre) (Note 2) mg/L (milligrams per litre) (Note 3) org/100 mL (colony forming units per 100 millilitres) (Note 4) mV (millivolts)			
Monitoring Location (EPA Point 10) Holding pond - no discharge from site.		Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 10). Please refer to Note 5 also.		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value
Conductivity	µS/cm (Note 1)	Quarterly	1	3800
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	1.8
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	700
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	120
pH	pH	Quarterly	1	6.7
Potassium	mg/L (Note 2)	Quarterly	1	130
Redox potential	mV (Note 4)	Quarterly	1	(+) 106
Total dissolved solids	mg/L (Note 2)	Quarterly	1	1400
Total organic carbon	mg/L (Note 2)	Quarterly	1	45
Explanatory Notes	(Note 1) µS/cm (microsiemens per centimetre) (Note 2) mg/L (milligrams per litre) (Note 3) org/100 mL (colony forming units per 100 millilitres) (Note 4) mV (millivolts) (Note 5) This monitoring point is a holding pond with no discharge from site			

Monitoring Location (EPA Point 1/11) (Note 5)		Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 1/11)		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value
Biochemical oxygen demand	mg/L (Note 2)	Quarterly	1	< 2
Conductivity	µS/cm (Note 1)	Quarterly	1	410
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	7.8
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	20
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.03
pH	pH	Quarterly	1	7.6
Potassium	mg/L (Note 2)	Quarterly	1	7.3
Redox potential	mV (Note 4)	Quarterly	1	(+) 20
Total dissolved solids	mg/L (Note 2)	Quarterly	1	220
Total organic carbon	mg/L (Note 2)	Quarterly	1	7.4
Explanatory Notes	(Note 1) µS/cm (microsiemens per centimetre) (Note 2) mg/L (milligrams per litre) (Note 3) org/100 mL (colony forming units per 100 millilitres) (Note 4) mV (millivolts) (Note 5) The surface water at this monitoring point was not in a state of flow			
Monitoring Location (EPA Point 3/12) (Note 5)		Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 3/12)		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value
Biochemical oxygen demand	mg/L (Note 2)	Quarterly	1	27
Conductivity	µS/cm (Note 1)	Quarterly	1	1900
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	7.2
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	520
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	60
pH	pH	Quarterly	1	8.1
Potassium	mg/L (Note 2)	Quarterly	1	74
Redox potential	mV (Note 4)	Quarterly	1	(+) 65
Total dissolved solids	mg/L (Note 2)	Quarterly	1	1300
Total organic carbon	mg/L (Note 2)	Quarterly	1	61
Explanatory Notes	(Note 1) µS/cm (microsiemens per centimetre) (Note 2) mg/L (milligrams per litre) (Note 3) org/100 mL (colony forming units per 100 millilitres) (Note 4) mV (millivolts) (Note 5) The surface water at this monitoring point was not in a state of flow and was contained within a holding pond			
Monitoring Location (EPA Point 13)		Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 13)		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value
Conductivity	µS/cm (Note 1)	Quarterly	1	1400
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	1.7
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	< 10
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	29
pH	pH	Quarterly	1	6.4
Potassium	mg/L (Note 2)	Quarterly	1	36
Redox potential	mV (Note 4)	Quarterly	1	(-) 11
Total dissolved solids	mg/L (Note 2)	Quarterly	1	680
Total organic carbon	mg/L (Note 2)	Quarterly	1	40
Explanatory Notes	(Note 1) µS/cm (microsiemens per centimetre) (Note 2) mg/L (milligrams per litre) (Note 3) org/100 mL (colony forming units per 100 millilitres) (Note 4) mV (millivolts)			

Monitoring Location (EPA Point 14) (Note 5)		Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 14)		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value
Conductivity	µS/cm (Note 1)	Quarterly	1	940
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	3.9
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	180
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	4.6
pH	pH	Quarterly	1	6.8
Potassium	mg/L (Note 2)	Quarterly	1	38
Redox potential	mV (Note 4)	Quarterly	1	(+) 107
Total dissolved solids	mg/L (Note 2)	Quarterly	1	530
Total organic carbon	mg/L (Note 2)	Quarterly	1	20
Explanatory Notes	(Note 1) µS/cm (microsiemens per centimetre) (Note 2) mg/L (milligrams per litre) (Note 3) org/100 mL (colony forming units per 100 millilitres) (Note 4) mV (millivolts) (Note 5) The surface water at this monitoring point was not in a state of flow			
Monitoring Location (EPA Point 15)		Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 15)		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value
Conductivity	µS/cm (Note 1)	Quarterly	1	940
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	5.1
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	< 10
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	14
pH	pH	Quarterly	1	6.6
Potassium	mg/L (Note 2)	Quarterly	1	23
Redox potential	mV (Note 4)	Quarterly	1	(+) 105
Total dissolved solids	mg/L (Note 2)	Quarterly	1	500
Total organic carbon	mg/L (Note 2)	Quarterly	1	21
Explanatory Notes	(Note 1) µS/cm (microsiemens per centimetre) (Note 2) mg/L (milligrams per litre) (Note 3) org/100 mL (colony forming units per 100 millilitres) (Note 4) mV (millivolts)			
Monitoring Location (EPA Point 21) (Note 5)		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 quarter	Value
Biochemical oxygen demand	mg/L (Note 1)	Quarterly	1	3
Explanatory Notes	(Note 1) mg/L (milligrams per litre) (Note 5) The surface water at this monitoring point was not in a state of flow			
Monitoring Location (EPA Point 2) (Note 5)		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 quarter	Value
Biochemical oxygen demand	mg/L (Note 1)	Quarterly	1	4
Explanatory Notes	(Note 1) mg/L (milligrams per litre) (Note 5) The surface water at this monitoring point was not in a state of flow			

Monitoring Location (EPA Point 16)		Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 16)		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter/year	Value
Alkalinity (as calcium	mg/L (Note 1)	Quarterly	1	42
Calcium	mg/L (Note 1)	Quarterly	1	3.3
Chloride	mg/L (Note 1)	Quarterly	1	96
Magnesium	mg/L (Note 1)	Quarterly	1	9
Nitrogen	mg/L (Note 1)	Quarterly	1	0.1
pH	pH	Quarterly	1	5.6
Potassium	mg/L (Note 1)	Quarterly	1	1
Sodium	mg/L (Note 1)	Quarterly	1	45
Standing Water Level	metres	Quarterly	1	17.24
Sulfate	mg/L (Note 1)	Quarterly	1	< 5
Total dissolved solids	mg/L (Note 1)	Quarterly	1	230
Total organic carbon	mg/L (Note 1)	Quarterly	1	6
Explanatory Notes	(Note 1) mg/L (milligrams per litre)			
Monitoring Location (EPA Point 17)		Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 17)		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter/year	Value
Alkalinity (as calcium carbonate)	mg/L (Note 1)	Quarterly	1	37
Calcium	mg/L (Note 1)	Quarterly	1	3.3
Chloride	mg/L (Note 1)	Quarterly	1	74
Magnesium	mg/L (Note 1)	Quarterly	1	8.2
Nitrogen	mg/L (Note 1)	Quarterly	1	0.11
pH	pH	Quarterly	1	5.7
Potassium	mg/L (Note 1)	Quarterly	1	1.9
Sodium	mg/L (Note 1)	Quarterly	1	45
Standing Water Level	metres	Quarterly	1	7.82
Sulfate	mg/L (Note 1)	Quarterly	1	13
Total dissolved solids	mg/L (Note 1)	Quarterly	1	200
Total organic carbon	mg/L (Note 1)	Quarterly	1	< 5
Explanatory Notes	(Note 1) mg/L (milligrams per litre)			

Monitoring Location (EPA Point 18)		Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 18)		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter/year	Value
Alkalinity (as calcium carbonate)	mg/L (Note 1)	Quarterly	1	390
Calcium	mg/L (Note 1)	Quarterly	1	16
Chloride	mg/L (Note 1)	Quarterly	1	210
Magnesium	mg/L (Note 1)	Quarterly	1	23
Nitrogen	mg/L (Note 1)	Quarterly	1	45
pH	pH	Quarterly	1	6.4
Potassium	mg/L (Note 1)	Quarterly	1	38
Sodium	mg/L (Note 1)	Quarterly	1	130
Standing Water Level	metres	Quarterly	1	14.92
Sulfate	mg/L (Note 1)	Quarterly	1	< 5
Total dissolved solids	mg/L (Note 1)	Quarterly	1	520
Total organic carbon	mg/L (Note 1)	Quarterly	1	34
Explanatory Notes	(Note 1) mg/L (milligrams per litre)			
Monitoring Location (EPA Point 19)		Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 19)		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter/year	Value
Alkalinity (as calcium carbonate)	mg/L (Note 1)	Quarterly	1	60
Calcium	mg/L (Note 1)	Quarterly	1	13
Chloride	mg/L (Note 1)	Quarterly	1	94
Magnesium	mg/L (Note 1)	Quarterly	1	7.1
Nitrogen	mg/L (Note 1)	Quarterly	1	5.8
pH	pH	Quarterly	1	5.8
Potassium	mg/L (Note 1)	Quarterly	1	19
Sodium	mg/L (Note 1)	Quarterly	1	43
Standing Water Level	metres	Quarterly	1	4.16
Sulfate	mg/L (Note 1)	Quarterly	1	6.2
Total dissolved solids	mg/L (Note 1)	Quarterly	1	250
Total organic carbon	mg/L (Note 1)	Quarterly	1	23
Explanatory Notes	(Note 1) mg/L (milligrams per litre)			
Monitoring Location (EPA Point 20)		Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 20)		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter/year	Value
Alkalinity (as calcium carbonate)	mg/L (Note 1)	Quarterly	1	41
Calcium	mg/L (Note 1)	Quarterly	1	1.8
Chloride	mg/L (Note 1)	Quarterly	1	39
Magnesium	mg/L (Note 1)	Quarterly	1	4.3
Nitrogen	mg/L (Note 1)	Quarterly	1	< 0.01
pH	pH	Quarterly	1	6
Potassium	mg/L (Note 1)	Quarterly	1	0.7
Sodium	mg/L (Note 1)	Quarterly	1	21
Standing Water Level	metres	Quarterly	1	21.57
Sulfate	mg/L (Note 1)	Quarterly	1	< 5
Total dissolved solids	mg/L (Note 1)	Quarterly	1	110
Total organic carbon	mg/L (Note 1)	Quarterly	1	15
Explanatory Notes	(Note 1) mg/L (milligrams per litre)			