

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 The information and data in this table must not be published elsewhere by any means without prior written consent from Kimbriki Environmental Enterprises.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

Monitoring Period	01 December 2015 - 31 December 2015
Date Published	14 January 2016
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)	Please refer to the map, <i>Kimbriki Monitoring Sites.pdf</i> , for location (EPA 1)
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Explanatory Notes	No surface water discharge occurred from this monitoring point during the month.
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Monitoring Location (EPA Point 2)	Please refer to the map, <i>Kimbriki Monitoring Sites.pdf</i> , for location (EPA 2)
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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	9.6	9.6	20	no
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	1	0.03	0.03	1	no
pH	pH	Daily during any discharge	1	7.4	7.4	6.5-8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	1	9	9	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.
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Monitoring Location (EPA Point 3)	Please refer to the map, <i>Kimbriki Monitoring Sites.pdf</i> , for location (EPA 3)
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Explanatory Notes	No surface water discharge occurred from this monitoring point during the month.
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Monthly Summary of EPA
Monitoring Data continued.

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)	7	<2	10	20	no
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	8	0.04	0.29	1	no
pH	pH	Daily during any discharge	8	6.55	8.36	6.5-8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	8	2.2	76	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) 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 (Note 3)	Max. value	Lower Limit (Note 2)	Exceedance (yes/no)
Temperature	°C (Note 1)	Continuous	Continuous	316.6	808	760	no
Explanatory Notes	(Note 1) °C (degrees Celsius) (Note 2) The parameter value must be greater than the Lower Limit specified (Note 3) Not an exceedance as low temperature occurred for 15 minutes on 15th December 2015. This was due to shut down of flare for instrument calibration. 5%ile value was 796.9 and the mean was 799.6						

Monthly Summary of EPA
Monitoring Data

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 21)	Please refer to the map, <i>Kimbriki Monitoring Sites.pdf</i> , 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	22/12/2015	76	43
Exceedance Information	While the 5 day cumulative rainfall at the time of this exceedance did not reach 62.1 mm (EPL 13091 L2.1) it is attributable to the high intensity rainfall received. Erosion & sediment control activities continue to be carried out on both a routine and continual improvement basis. We have updated our Sediment Basin Management Procedure as well as carried out training on sediment basin management.					
Explanatory Notes	(Note 1) mg/L (milligrams per litre) (Note 2) mm (millimetres)					

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Monitoring Period	01 December 2015 - 31 December 2015						
Date Published	14 January 2016						
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>						
Explanatory Notes	No surface water discharge occurred from this monitoring point during the month.						
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	1	440	440	440	440
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	8	343	465	443	746
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 (Note 2)	323.8	323.0	384.0
Explanatory Notes	(Note 1) m ³ /h (cubic metres per hour) (Note 2) This minimum value occurred as a result of system shutdowns that occurred due to: 1. Power supply outage on 9th December 2015 for 17.0 hours. Flare restarted on site on 10th December 2015. 2. Flame failure on 16th December 2015 for 11.0 hours. Flare restarted remotely on 16th December 2015.						

Quarterly Summary of EPA Monitoring Data



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Monitoring Period	September 2015 - December 2015 sampled 1 December 2015
Date Published	14 January 2016
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) *Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 5)*

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	9.3
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	1600
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.07
pH	pH	Quarterly	1	7.8
Potassium	mg/L (Note 2)	Quarterly	1	1.6
Redox potential	mV (Note 4)	Quarterly	1	(+) 280
Total dissolved solids	mg/L (Note 2)	Quarterly	1	230
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 6) *Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 6)*

Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value
Conductivity	µS/cm (Note 1)	Quarterly	1	350
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9.3
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	350
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.03
pH	pH	Quarterly	1	7.5
Potassium	mg/L (Note 2)	Quarterly	1	2
Redox potential	mV (Note 4)	Quarterly	1	(+) 270
Total dissolved solids	mg/L (Note 2)	Quarterly	1	210
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) *Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 7)*

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	9.3
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	1600
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.04
pH	pH	Quarterly	1	8.3
Potassium	mg/L (Note 2)	Quarterly	1	3.3
Redox potential	mV (Note 4)	Quarterly	1	(+) 260
Total dissolved solids	mg/L (Note 2)	Quarterly	1	250
Total organic carbon	mg/L (Note 2)	Quarterly	1	6.9

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	430
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9.1
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	1600
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.06
pH	pH	Quarterly	1	7.5
Potassium	mg/L (Note 2)	Quarterly	1	7
Redox potential	mV (Note 4)	Quarterly	1	(+) 270
Total dissolved solids	mg/L (Note 2)	Quarterly	1	260
Total organic carbon	mg/L (Note 2)	Quarterly	1	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 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	440
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9.1
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	>1600
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.07
pH	pH	Quarterly	1	7.6
Potassium	mg/L (Note 2)	Quarterly	1	7.3
Redox potential	mV (Note 4)	Quarterly	1	(+) 260
Total dissolved solids	mg/L (Note 2)	Quarterly	1	270
Total organic carbon	mg/L (Note 2)	Quarterly	1	5.1
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 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	3000
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9.3
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	1300
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.2
pH	pH	Quarterly	1	7.4
Potassium	mg/L (Note 2)	Quarterly	1	130
Redox potential	mV (Note 4)	Quarterly	1	(+) 270
Total dissolved solids	mg/L (Note 2)	Quarterly	1	2800
Total organic carbon	mg/L (Note 2)	Quarterly	1	110
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	<5
Conductivity	µS/cm (Note 1)	Quarterly	1	280
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	8.9
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	3500
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.02
pH	pH	Quarterly	1	7.5
Potassium	mg/L (Note 2)	Quarterly	1	7.7
Redox potential	mV (Note 4)	Quarterly	1	(+) 250
Total dissolved solids	mg/L (Note 2)	Quarterly	1	200
Total organic carbon	mg/L (Note 2)	Quarterly	1	13
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	< 5
Conductivity	µS/cm (Note 1)	Quarterly	1	390
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9.3
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	170
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.11
pH	pH	Quarterly	1	8.1
Potassium	mg/L (Note 2)	Quarterly	1	9.1
Redox potential	mV (Note 4)	Quarterly	1	(+) 260
Total dissolved solids	mg/L (Note 2)	Quarterly	1	240
Total organic carbon	mg/L (Note 2)	Quarterly	1	9.8
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	590
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9.2
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	2400
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	4.6
pH	pH	Quarterly	1	6.8
Potassium	mg/L (Note 2)	Quarterly	1	13
Redox potential	mV (Note 4)	Quarterly	1	(+) 230
Total dissolved solids	mg/L (Note 2)	Quarterly	1	330
Total organic carbon	mg/L (Note 2)	Quarterly	1	8.7
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 14)		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	830
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	8.2
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	16000
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	5
pH	pH	Quarterly	1	6.8
Potassium	mg/L (Note 2)	Quarterly	1	48
Redox potential	mV (Note 4)	Quarterly	1	(+) 250
Total dissolved solids	mg/L (Note 2)	Quarterly	1	460
Total organic carbon	mg/L (Note 2)	Quarterly	1	17
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 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	730
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	8.7
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	1100
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	7.7
pH	pH	Quarterly	1	6.8
Potassium	mg/L (Note 2)	Quarterly	1	21
Redox potential	mV (Note 4)	Quarterly	1	(+) 250
Total dissolved solids	mg/L (Note 2)	Quarterly	1	410
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 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	< 5
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	5.6
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	24
Calcium	mg/L (Note 1)	Quarterly	1	2.8
Chloride	mg/L (Note 1)	Quarterly	1	90
Magnesium	mg/L (Note 1)	Quarterly	1	9
Nitrogen	mg/L (Note 1)	Quarterly	1	<0.01
pH	pH	Quarterly	1	6.1
Potassium	mg/L (Note 1)	Quarterly	1	1
Sodium	mg/L (Note 1)	Quarterly	1	41
Standing Water Level	metres	Quarterly	1	17.03
Sulfate	mg/L (Note 1)	Quarterly	1	<5
Total dissolved solids	mg/L (Note 1)	Quarterly	1	220
Total organic carbon	mg/L (Note 1)	Quarterly	1	<5
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	<20
Calcium	mg/L (Note 1)	Quarterly	1	4.2
Chloride	mg/L (Note 1)	Quarterly	1	77
Magnesium	mg/L (Note 1)	Quarterly	1	9.6
Nitrogen	mg/L (Note 1)	Quarterly	1	0.18
pH	pH	Quarterly	1	5.2
Potassium	mg/L (Note 1)	Quarterly	1	2.3
Sodium	mg/L (Note 1)	Quarterly	1	45
Standing Water Level	metres	Quarterly	1	6.28
Sulfate	mg/L (Note 1)	Quarterly	1	51
Total dissolved solids	mg/L (Note 1)	Quarterly	1	250
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	14
Chloride	mg/L (Note 1)	Quarterly	1	260
Magnesium	mg/L (Note 1)	Quarterly	1	23
Nitrogen	mg/L (Note 1)	Quarterly	1	58
pH	pH	Quarterly	1	7.3
Potassium	mg/L (Note 1)	Quarterly	1	36
Sodium	mg/L (Note 1)	Quarterly	1	130
Standing Water Level	metres	Quarterly	1	14.17
Sulfate	mg/L (Note 1)	Quarterly	1	17
Total dissolved solids	mg/L (Note 1)	Quarterly	1	650
Total organic carbon	mg/L (Note 1)	Quarterly	1	9.2
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	59
Calcium	mg/L (Note 1)	Quarterly	1	13
Chloride	mg/L (Note 1)	Quarterly	1	99
Magnesium	mg/L (Note 1)	Quarterly	1	7.4
Nitrogen	mg/L (Note 1)	Quarterly	1	4.9
pH	pH	Quarterly	1	6.4
Potassium	mg/L (Note 1)	Quarterly	1	19
Sodium	mg/L (Note 1)	Quarterly	1	38
Standing Water Level	metres	Quarterly	1	2.69
Sulfate	mg/L (Note 1)	Quarterly	1	13
Total dissolved solids	mg/L (Note 1)	Quarterly	1	350
Total organic carbon	mg/L (Note 1)	Quarterly	1	18
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	24
Calcium	mg/L (Note 1)	Quarterly	1	1.8
Chloride	mg/L (Note 1)	Quarterly	1	38
Magnesium	mg/L (Note 1)	Quarterly	1	4.3
Nitrogen	mg/L (Note 1)	Quarterly	1	<0.01
pH	pH	Quarterly	1	6.7
Potassium	mg/L (Note 1)	Quarterly	1	0.8
Sodium	mg/L (Note 1)	Quarterly	1	22
Standing Water Level	metres	Quarterly	1	21.36
Sulfate	mg/L (Note 1)	Quarterly	1	<5
Total dissolved solids	mg/L (Note 1)	Quarterly	1	120
Total organic carbon	mg/L (Note 1)	Quarterly	1	9.6
Explanatory Notes	(Note 1) mg/L (milligrams per litre)			