

Monthly Summary of EPA Monitoring Data with Limits



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 The information and data in this table must not be published elsewhere by any means without prior written consent from Kimbriki Environmental Enterprises.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	Jun-18						
Date Published	16 July 2018						
EPA Licence No.	13091						
EPA Licence Hyperlink	http://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=71945&SYSUID=1&LICID=13091						
Licensee Name	KIMBRIKI ENVIRONMENTAL ENTERPRISES PTY LIMITED						
Licensee Address	PO BOX 196, 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)
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	Max. value	100 percentile limit	Exceedance (yes/no)
Explanatory Notes	No surface water discharge occurred from this monitoring point during the month.						
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	Max. value	100 percentile limit	Exceedance (yes/no)
Explanatory Notes	No surface water discharge occurred from this monitoring point during the month.						

Monthly Summary of EPA
Monitoring Data with Limits continued.

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)	6	<5	<5	20	no
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	9	<0.01	0.74	1	no
pH	pH	Daily during any discharge	9	7.62	8.02	6.5-8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	9	6.4	55	50	No (Note 3)
Explanatory Notes	<p>(Note 1) mg/L (milligrams per litre) (Note 2) Special Frequency 1 - Quarterly and on the first day of discharge (Note 3)) No exceedance recorded on 6th, 7th and 20th June 2018 due to monthly extreme rainfall of 36mm in 48 hours on the 6th and 7th and 41mm within 48 hours on the 20th. These volumes of rainfall occurring in a 48 hour period was greater than half of the five-day duration 90th percentile rainfall event allowance for discharge at the premises (being 62.1mm). Kimbriki perform daily inspection of sediment controls and proactively maintain controls by all means practicable to ensure potential for suspended solid discharge is minimised.</p>						
Monitoring Location (EPA Point 22)		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)					
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)
Residence Time	seconds	Continuous	Continuous	0.9	0.9	0.6	No
Temperature	°C (Note 1)	Continuous	Continuous	791.6	806.4	760.0	No
Explanatory Notes	<p>(Note 1) °C (degrees Celsius) (Note 2) The parameter value must be greater than the Lower Limit specified</p>						

Monthly Summary of EPA
Monitoring Data with Limits continued.



Monthly Summary of EPA Monitoring Data - No Limit

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	Jun-18						
Date Published	16 July 2018						
EPA Licence No.	13091						
EPA Licence Hyperlink	http://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=71945&SYSUID=1&LICID=13091						
Licensee Name	KIMBRIKI ENVIRONMENTAL ENTERPRISES PTY LIMITED						
Licensee Address	PO BOX 196, 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
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
Explanatory Notes		No surface water discharge occurred from this monitoring point during the month.					
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
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	9	393	454	475	503
Explanatory Notes		(Note 1) µS/cm (microsiemens per centimetre)					

Monthly Summary of EPA
Monitoring Data with Limits continued.

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	382	402	402	422
Explanatory Notes	(Note 1) m ³ /h (cubic metres per hour)						

Monthly Summary of EPA
Monitoring Data with Limits continued.



Quarterly 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	March 2018 - June 2018. Surface water sampled 05 June 2018. Groundwater sampled 04 June 2018.			
Date Published	16 July 2018			
EPA Licence No.	13091			
EPA Licence Hyperlink	http://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=71945&SYSUID=1&LICID=13091			
Licensee Name	KIMBRIKI ENVIRONMENTAL ENTERPRISES PTY LIMITED			
Licensee Address	Locked Bag 6, Terrey Hills, NSW 2084			
Monitoring Location (EPA Point 1/11)		<i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 1/11)</i>		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	1	6.7
Conductivity	µS/cm (Note 3)	Quarterly	1	620
Dissolved Oxygen	mg/L (Note 1)	Quarterly	1	9.4
Faecal Coliforms	org/100 mL (Note 4)	Quarterly	1	24000
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	1.20
pH	pH	Quarterly	1	8.1
Potassium	mg/L (Note 1)	Quarterly	1	13.0
Redox potential	mV (Note 5)	Quarterly	1	290
Total dissolved solids	mg/L (Note 1)	Quarterly	1	300
Total organic carbon	mg/L (Note 1)	Quarterly	1	<5
Explanatory Notes	(Note 1) mg/L (milligrams per litre) (Note 2) Special Frequency 1 - Quarterly and on the first day of discharge (Note 3) µS/cm (microsiemens per centimetre) (Note 4) org/100 mL (colony forming units per 100 millilitres) (Note 5) mV (millivolts)			

Monthly Summary of EPA
Monitoring Data with Limits continued.

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 quarter	Value
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	1	<5
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 3/12)		<i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 3/12)</i>		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	1	<5
Conductivity	µS/cm (Note 3)	Quarterly	1	640
Dissolved Oxygen	mg/L (Note 1)	Quarterly	1	8.9
Faecal Coliforms	org/100 mL (Note 4)	Quarterly	1	84
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	2.20
pH	pH	Quarterly	1	8.3
Potassium	mg/L (Note 1)	Quarterly	1	15.0
Redox potential	mV (Note 5)	Quarterly	1	290
Total dissolved solids	mg/L (Note 1)	Quarterly	1	260
Total organic carbon	mg/L (Note 1)	Quarterly	1	<5
Explanatory Notes	(Note 1) mg/L (milligrams per litre) (Note 2) Special Frequency 1 - Quarterly and on the first day of discharge (Note 3) µS/cm (microsiemens per centimetre) (Note 4) org/100 mL (colony forming units per 100 millilitres) (Note 5) mV (millivolts)			

Monthly Summary of EPA
Monitoring Data with Limits continued.

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	560
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	8.9
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	<1
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	<0.01
pH	pH	Quarterly	1	5.7
Potassium	mg/L (Note 2)	Quarterly	1	1.3
Redox potential	mV (Note 4)	Quarterly	1	430
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 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	220
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9.1
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	160
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.02
pH	pH	Quarterly	1	7.5
Potassium	mg/L (Note 2)	Quarterly	1	2.5
Redox potential	mV (Note 4)	Quarterly	1	460
Total dissolved solids	mg/L (Note 2)	Quarterly	1	65
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)			

Monthly Summary of EPA
Monitoring Data with Limits continued.

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	720
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	8.9
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	>24000
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	3.40
pH	pH	Quarterly	1	8.6
Potassium	mg/L (Note 2)	Quarterly	1	25.0
Redox potential	mV (Note 4)	Quarterly	1	240
Total dissolved solids	mg/L (Note 2)	Quarterly	1	340
Total organic carbon	mg/L (Note 2)	Quarterly	1	27.0
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)		<i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 8)</i>		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value
Conductivity	µS/cm (Note 1)	Quarterly	1	680
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	8.4
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	6100
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	1.70
pH	pH	Quarterly	1	9.2
Potassium	mg/L (Note 2)	Quarterly	1	21.0
Redox potential	mV (Note 4)	Quarterly	1	320
Total dissolved solids	mg/L (Note 2)	Quarterly	1	280
Total organic carbon	mg/L (Note 2)	Quarterly	1	21.0
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)			

Monthly Summary of EPA
Monitoring Data with Limits continued.

Monitoring Location (EPA Point 9)		<i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 9)</i>		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value
Conductivity	µS/cm (Note 1)	Quarterly	1	530
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9.2
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	9800
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.17
pH	pH	Quarterly	1	8.1
Potassium	mg/L (Note 2)	Quarterly	1	15.0
Redox potential	mV (Note 4)	Quarterly	1	320
Total dissolved solids	mg/L (Note 2)	Quarterly	1	340
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 10)		<i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 10)</i>		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value
Conductivity	µS/cm (Note 1)	Quarterly	1	5900
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	5.0
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	2900
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	390.00
pH	pH	Quarterly	1	7.9
Potassium	mg/L (Note 2)	Quarterly	1	200.0
Redox potential	mV (Note 4)	Quarterly	1	220
Total dissolved solids	mg/L (Note 2)	Quarterly	1	2200
Total organic carbon	mg/L (Note 2)	Quarterly	1	190.0
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)			

Monthly Summary of EPA
Monitoring Data with Limits continued.

Monitoring Location (EPA Point 13)		<i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 13)</i>		
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	5.6
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	63
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	34.00
pH	pH	Quarterly	1	8.3
Potassium	mg/L (Note 2)	Quarterly	1	43.0
Redox potential	mV (Note 4)	Quarterly	1	100
Total dissolved solids	mg/L (Note 2)	Quarterly	1	700
Total organic carbon	mg/L (Note 2)	Quarterly	1	41.0
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)		<i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 14)</i>		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value
Conductivity	µS/cm (Note 1)	Quarterly	1	840
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	7.2
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	3100
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	1.40
pH	pH	Quarterly	1	6.9
Potassium	mg/L (Note 2)	Quarterly	1	29.0
Redox potential	mV (Note 4)	Quarterly	1	350
Total dissolved solids	mg/L (Note 2)	Quarterly	1	410
Total organic carbon	mg/L (Note 2)	Quarterly	1	20.0
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)			

Monthly Summary of EPA
Monitoring Data with Limits continued.

Monitoring Location (EPA Point 15)		<i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 15)</i>		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value
Conductivity	µS/cm (Note 1)	Quarterly	1	880
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	8.5
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	230
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	7.30
pH	pH	Quarterly	1	6.9
Potassium	mg/L (Note 2)	Quarterly	1	23.0
Redox potential	mV (Note 4)	Quarterly	1	310
Total dissolved solids	mg/L (Note 2)	Quarterly	1	400
Total organic carbon	mg/L (Note 2)	Quarterly	1	19.0
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 16)		<i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 16)</i>		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value
Alkalinity (as calcium carbonate)	mg/L (Note 1)	Quarterly	1	590
Calcium	mg/L (Note 1)	Quarterly	1	2.7
Chloride	mg/L (Note 1)	Quarterly	1	91
Magnesium	mg/L (Note 1)	Quarterly	1	8.7
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.07
pH	pH units	Quarterly	1	8.2
Potassium	mg/L (Note 1)	Quarterly	1	1.1
Sodium	mg/L (Note 1)	Quarterly	1	40
Standing Water Level	metres (Note 2)	Quarterly	1	17.10
Sulfate	mg/L (Note 1)	Quarterly	1	<5
Total dissolved solids	mg/L (Note 1)	Quarterly	1	190
Total organic carbon	mg/L (Note 1)	Quarterly	1	<5
Explanatory Notes	(Note 1) mg/L (milligrams per litre) (Note 2) metres from top of monitoring bore casing			

Monthly Summary of EPA
Monitoring Data with Limits continued.

Monitoring Location (EPA Point 17)		<i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 17)</i>		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value
Alkalinity (as calcium carbonate)	mg/L (Note 1)	Quarterly	1	610
Calcium	mg/L (Note 1)	Quarterly	1	3.1
Chloride	mg/L (Note 1)	Quarterly	1	88
Magnesium	mg/L (Note 1)	Quarterly	1	9.2
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.16
pH	pH units	Quarterly	1	8.5
Potassium	mg/L (Note 1)	Quarterly	1	1.7
Sodium	mg/L (Note 1)	Quarterly	1	47
Standing Water Level	metres (Note 2)	Quarterly	1	7.26
Sulfate	mg/L (Note 1)	Quarterly	1	29
Total dissolved solids	mg/L (Note 1)	Quarterly	1	290
Total organic carbon	mg/L (Note 1)	Quarterly	1	<5
Explanatory Notes	(Note 1) mg/L (milligrams per litre) (Note 2) metres from top of monitoring bore casing			

Monitoring Location (EPA Point 18)		<i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 18)</i>		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value
Alkalinity (as calcium carbonate)	mg/L (Note 1)	Quarterly	1	510
Calcium	mg/L (Note 1)	Quarterly	1	13.0
Chloride	mg/L (Note 1)	Quarterly	1	230
Magnesium	mg/L (Note 1)	Quarterly	1	38.0
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	73.00
pH	pH units	Quarterly	1	7.4
Potassium	mg/L (Note 1)	Quarterly	1	44.0
Sodium	mg/L (Note 1)	Quarterly	1	170
Standing Water Level	metres (Note 2)	Quarterly	1	14.23
Sulfate	mg/L (Note 1)	Quarterly	1	45
Total dissolved solids	mg/L (Note 1)	Quarterly	1	870
Total organic carbon	mg/L (Note 1)	Quarterly	1	38.0
Explanatory Notes	(Note 1) mg/L (milligrams per litre) (Note 2) metres from top of monitoring bore casing			

Monthly Summary of EPA
Monitoring Data with Limits continued.

Monitoring Location (EPA Point 19)		<i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 19)</i>		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value
Alkalinity (as calcium carbonate)	mg/L (Note 1)	Quarterly	1	150
Calcium	mg/L (Note 1)	Quarterly	1	23.0
Chloride	mg/L (Note 1)	Quarterly	1	190
Magnesium	mg/L (Note 1)	Quarterly	1	13.0
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	18.00
pH	pH units	Quarterly	1	6.8
Potassium	mg/L (Note 1)	Quarterly	1	39.0
Sodium	mg/L (Note 1)	Quarterly	1	98
Standing Water Level	metres (Note 2)	Quarterly	1	3.56
Sulfate	mg/L (Note 1)	Quarterly	1	6.5
Total dissolved solids	mg/L (Note 1)	Quarterly	1	530
Total organic carbon	mg/L (Note 1)	Quarterly	1	21.0
Explanatory Notes	(Note 1) mg/L (milligrams per litre) (Note 2) metres from top of monitoring bore casing			
Monitoring Location (EPA Point 20)		<i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 20)</i>		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value
Alkalinity (as calcium carbonate)	mg/L (Note 1)	Quarterly	1	630
Calcium	mg/L (Note 1)	Quarterly	1	2.7
Chloride	mg/L (Note 1)	Quarterly	1	56
Magnesium	mg/L (Note 1)	Quarterly	1	4.9
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	<0.01
pH	pH units	Quarterly	1	8.7
Potassium	mg/L (Note 1)	Quarterly	1	0.9
Sodium	mg/L (Note 1)	Quarterly	1	23
Standing Water Level	metres (Note 2)	Quarterly	1	21.69
Sulfate	mg/L (Note 1)	Quarterly	1	<5
Total dissolved solids	mg/L (Note 1)	Quarterly	1	130
Total organic carbon	mg/L (Note 1)	Quarterly	1	6.8
Explanatory Notes	(Note 1) mg/L (milligrams per litre) (Note 2) metres from top of monitoring bore casing			

Monthly Summary of EPA
Monitoring Data with Limits 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 quarter	Value
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	1	<5
Explanatory Notes	(Note 1) mg/L (milligrams per litre) (Note 2) Special Frequency 1 - Quarterly and on the first day of discharge			