

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 The information and data in this table must not be published elsewhere by any means without prior written consent from Kimbriki Environmental Enterprises.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

Monitoring Period	Dec-18						
Date Published	16 January 2019						
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)	Please refer to the map, <i>Kimbriki Monitoring Sites.pdf</i> , for location (EPA 1)						
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	<5	<5	20	no
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	2	<0.01	0.07	1	no
pH	pH	Daily during any discharge	2	8.40	8.42	6.5-8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	2	20.0	25.0	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)	Please refer to the map, <i>Kimbriki Monitoring Sites.pdf</i> , for location (EPA 2)						
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)	Please refer to the map, <i>Kimbriki Monitoring Sites.pdf</i> , 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)	1	<5	<5	20	no
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	1	0.10	0.10	1	no
pH	pH	Daily during any discharge	1	7.74	7.74	6.5-8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	1	37.0	37.0	50	no
Explanatory Notes	(Note 1) mg/L (milligrams per litre) (Note 2) Special Frequency 1 - Quarterly and on the first day of discharge						

Monthly Summary of EPA Monitoring Data with Limits

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	<5	<5	20	no
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	16	<0.01	0.39	1	no
pH	pH	Daily during any discharge	16	6.79	8.48	6.5-8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	16	2.3	98.0	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) No exceedance recorded on 1st to 3rd, 5th and 17th December 2018 due to five-day cumulative rainfall exceeding 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.						
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	0.8	0.9	0.6	No
Temperature	°C (Note 1)	Continuous	Continuous	792	808	760	No
Explanatory Notes	(Note 1) °C (degrees Celsius) (Note 2) The parameter value must be greater than the Lower Limit specified						

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Monitoring Period	Dec-18						
Date Published	16 January 2019						
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
Conductivity	µS/cm (Note 1)	Daily during any discharge	2	331	359	359	386
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
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
Conductivity	µS/cm (Note 1)	Daily during any discharge	1	341	341	341	341
Explanatory Notes		(Note 1) µS/cm (microsiemens per centimetre)					
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	16	230	390	394	508
Explanatory Notes		(Note 1) µS/cm (microsiemens per centimetre)					

Monthly Summary of EPA Monitoring Data - No Limit

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)					
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)	405	418	428
Explanatory Notes	<p>(Note 1) m³/h (cubic metres per hour)</p> <p>(Note 2) Zero value due to:</p> <ol style="list-style-type: none"> 1. Flare was shutdown on 11th December 2018 for ~0.5 hours for gas analyser calibration. 2. Flare was shutdown on 13th December 2018 for ~0.3 hours due to power supply outage. Flare was restarted remotely. 3. Flare was shutdown on 15th December 2018 for ~2.3 hours due to low methane concentration. Flare restarted after methane recovery. 4. Flare was shutdown on 16th December 2018 for ~7.0 hours due to power supply outage. Flare was restarted on site. 5. Flare was shutdown on 18th December 2018 for ~4.0 hours due to power supply outage. Associated loss of data from 9:15am to 12:15pm. Flare was restarted remotely. 6. Flare was shutdown on 19th December 2018 for ~1.0 hour due to power supply outage. Flare was restarted remotely. 7. Flare was shutdown on 20th December 2018 for ~1.5 hours due to power supply outage. Flare was restarted remotely. 8. Flare was shutdown on 25th December 2018 for ~5.5 hours due to flame failure. Flare was restarted remotely. 						

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Monitoring Period	October 2018 - December 2018. Surface water sampled 18 & 19 December 2018. Groundwater sampled 19 December 2018.			
Date Published	17 January 2019			
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 1/11)	<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	<5
Conductivity	µS/cm (Note 3)	Quarterly	1	370
Dissolved Oxygen	mg/L (Note 1)	Quarterly	1	9.0
Faecal Coliforms	org/100 mL (Note 4)	Quarterly	1	>2400
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.11
pH	pH	Quarterly	1	8.0
Potassium	mg/L (Note 1)	Quarterly	1	8.4
Redox potential	mV (Note 5)	Quarterly	1	390.0
Total dissolved solids	mg/L (Note 1)	Quarterly	1	240
Total organic carbon	mg/L (Note 1)	Quarterly	1	19
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)			

Quarterly Summary of EPA Monitoring Data

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	370
Dissolved Oxygen	mg/L (Note 1)	Quarterly	1	8.6
Faecal Coliforms	org/100 mL (Note 4)	Quarterly	1	270
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.17
pH	pH	Quarterly	1	8.0
Potassium	mg/L (Note 1)	Quarterly	1	20
Redox potential	mV (Note 5)	Quarterly	1	190.0
Total dissolved solids	mg/L (Note 1)	Quarterly	1	250
Total organic carbon	mg/L (Note 1)	Quarterly	1	27
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)			

Quarterly Summary of EPA Monitoring Data

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	630
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	690
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.04
pH	pH	Quarterly	1	8.1
Potassium	mg/L (Note 2)	Quarterly	1	2.3
Redox potential	mV (Note 4)	Quarterly	1	270.0
Total dissolved solids	mg/L (Note 2)	Quarterly	1	380
Total organic carbon	mg/L (Note 1)	Quarterly	1	8.5
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	480
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9.2
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	290
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.04
pH	pH	Quarterly	1	7.7
Potassium	mg/L (Note 2)	Quarterly	1	2.4
Redox potential	mV (Note 4)	Quarterly	1	190.0
Total dissolved solids	mg/L (Note 2)	Quarterly	1	260
Total organic carbon	mg/L (Note 1)	Quarterly	1	10
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)			

Quarterly Summary of EPA Monitoring Data

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	440
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9.0
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	2400
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.06
pH	pH	Quarterly	1	8.0
Potassium	mg/L (Note 2)	Quarterly	1	3.3
Redox potential	mV (Note 4)	Quarterly	1	280.0
Total dissolved solids	mg/L (Note 2)	Quarterly	1	290
Total organic carbon	mg/L (Note 1)	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)			
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	460
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9.1
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	610
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.06
pH	pH	Quarterly	1	9.0
Potassium	mg/L (Note 2)	Quarterly	1	4.4
Redox potential	mV (Note 4)	Quarterly	1	140.0
Total dissolved solids	mg/L (Note 2)	Quarterly	1	260
Total organic carbon	mg/L (Note 1)	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)			

Quarterly Summary of EPA Monitoring Data

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	500
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	8.9
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	2400
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.06
pH	pH	Quarterly	1	8.1
Potassium	mg/L (Note 2)	Quarterly	1	7.2
Redox potential	mV (Note 4)	Quarterly	1	170.0
Total dissolved solids	mg/L (Note 2)	Quarterly	1	310
Total organic carbon	mg/L (Note 1)	Quarterly	1	16
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	6200
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	5.5
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	680
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	320
pH	pH	Quarterly	1	8.1
Potassium	mg/L (Note 2)	Quarterly	1	200.0
Redox potential	mV (Note 4)	Quarterly	1	180.0
Total dissolved solids	mg/L (Note 2)	Quarterly	1	1900
Total organic carbon	mg/L (Note 1)	Quarterly	1	270
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)			

Quarterly Summary of EPA Monitoring Data

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	480
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9.1
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	1200
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.07
pH	pH	Quarterly	1	8.0
Potassium	mg/L (Note 2)	Quarterly	1	7.1
Redox potential	mV (Note 4)	Quarterly	1	180.0
Total dissolved solids	mg/L (Note 2)	Quarterly	1	280
Total organic carbon	mg/L (Note 1)	Quarterly	1	14
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
Explanatory Notes	No flow at this monitoring point			

Quarterly Summary of EPA Monitoring Data

Monitoring Location (EPA Point 15)		<i>Please refer to the map, Kimbriki Monitoring Sites.pdf,</i>		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value
Conductivity	µS/cm (Note 1)	Quarterly	1	490
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9.0
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	2400
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.25
pH	pH	Quarterly	1	7.6
Potassium	mg/L (Note 2)	Quarterly	1	8.8
Redox potential	mV (Note 4)	Quarterly	1	190.0
Total dissolved solids	mg/L (Note 2)	Quarterly	1	280
Total organic carbon	mg/L (Note 1)	Quarterly	1	15
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	24
Calcium	mg/L (Note 1)	Quarterly	1	4.3
Chloride	mg/L (Note 1)	Quarterly	1	83
Magnesium	mg/L (Note 1)	Quarterly	1	9.4
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.11
pH	pH units	Quarterly	1	5.6
Potassium	mg/L (Note 1)	Quarterly	1	1.2
Sodium	mg/L (Note 1)	Quarterly	1	45
Standing Water Level (TOC)	metres	Quarterly	1	17.01
Standing Water Level (m AHD)	metres	NA	NA	99.40
Sulfate	mg/L (Note 1)	Quarterly	1	<2
Total dissolved solids	mg/L (Note 1)	Quarterly	1	140
Total organic carbon	mg/L (Note 1)	Quarterly	1	17
Explanatory Notes	(Note 1) mg/L (milligrams per litre)			

Quarterly Summary of EPA Monitoring Data

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	<20
Calcium	mg/L (Note 1)	Quarterly	1	2.6
Chloride	mg/L (Note 1)	Quarterly	1	87
Magnesium	mg/L (Note 1)	Quarterly	1	9.7
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.07
pH	pH units	Quarterly	1	5.3
Potassium	mg/L (Note 1)	Quarterly	1	1.8
Sodium	mg/L (Note 1)	Quarterly	1	53
Standing Water Level (TOC)	metres	Quarterly	1	7.02
Standing Water Level (m AHD)	metres	NA	NA	62.79
Sulfate	mg/L (Note 1)	Quarterly	1	39
Total dissolved solids	mg/L (Note 1)	Quarterly	1	160
Total organic carbon	mg/L (Note 1)	Quarterly	1	13
Explanatory Notes	(Note 1) mg/L (milligrams per litre)			
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	410
Calcium	mg/L (Note 1)	Quarterly	1	15
Chloride	mg/L (Note 1)	Quarterly	1	250
Magnesium	mg/L (Note 1)	Quarterly	1	38
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	61
pH	pH units	Quarterly	1	6.4
Potassium	mg/L (Note 1)	Quarterly	1	42
Sodium	mg/L (Note 1)	Quarterly	1	170
Standing Water Level (TOC)	metres	Quarterly	1	14.18
Standing Water Level (m AHD)	metres	NA	NA	81.20
Sulfate	mg/L (Note 1)	Quarterly	1	44
Total dissolved solids	mg/L (Note 1)	Quarterly	1	660
Total organic carbon	mg/L (Note 1)	Quarterly	1	49

Quarterly Summary of EPA Monitoring Data

Explanatory Notes		(Note 1) mg/L (milligrams per litre)		
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	45
Calcium	mg/L (Note 1)	Quarterly	1	16
Chloride	mg/L (Note 1)	Quarterly	1	110
Magnesium	mg/L (Note 1)	Quarterly	1	10
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	7.3
pH	pH units	Quarterly	1	5.7
Potassium	mg/L (Note 1)	Quarterly	1	18
Sodium	mg/L (Note 1)	Quarterly	1	51
Standing Water Level (TOC)	metres	Quarterly	1	3.53
Standing Water Level (m AHD)	metres	NA	NA	61.55
Sulfate	mg/L (Note 1)	Quarterly	1	34
Total dissolved solids	mg/L (Note 1)	Quarterly	1	240
Total organic carbon	mg/L (Note 1)	Quarterly	1	17
Explanatory Notes		(Note 1) mg/L (milligrams per litre)		
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	22
Calcium	mg/L (Note 1)	Quarterly	1	2.3
Chloride	mg/L (Note 1)	Quarterly	1	38
Magnesium	mg/L (Note 1)	Quarterly	1	5.3
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.02
pH	pH units	Quarterly	1	6.0
Potassium	mg/L (Note 1)	Quarterly	1	1.0
Sodium	mg/L (Note 1)	Quarterly	1	27
Standing Water Level (TOC)	metres	Quarterly	1	21.53
Standing Water Level (m AHD)	metres	NA	NA	100.10
Sulfate	mg/L (Note 1)	Quarterly	1	<2
Total dissolved solids	mg/L (Note 1)	Quarterly	1	100
Total organic carbon	mg/L (Note 1)	Quarterly	1	24
Explanatory Notes		(Note 1) mg/L (milligrams per litre)		

Quarterly Summary of EPA Monitoring Data

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			