

*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 The information and data in this table must not be published elsewhere by any means without prior written consent from Kimbriki Environmental Enterprises.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](http://www.epa.nsw.gov.au)

Monitoring Period	Jun-20						
Date Published	20 July 2020						
EPA Licence No.	13091						
EPA Licence Hyperlink	<a href="https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=165894&amp;SYSUID=1&amp;LICID=13091">https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=165894&amp;SYSUID=1&amp;LICID=13091</a>						
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)
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	0.10	1	no
pH	pH	Daily during any discharge	2	7.10	7.61	6.5-8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	2	18.0	18.0	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)	<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.						

## Monthly Summary of EPA Monitoring Data with Limits

Monitoring Location (EPA Point 3)		Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 3)					
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during month	Min. value	Max. value	100 percentile limit	Exceedance (yes/no)
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	1	<5	<5	20	no
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	1	0.23	0.23	1	no
pH	pH	Daily during any discharge	1	7.22	7.22	6.5-8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	1	21.0	21.0	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 21)		Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 21)					
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during month	Min. value	Max. value	100 percentile limit	Exceedance (yes/no)
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	7	<5	<5	20	no
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	9	<0.01	0.09	1	no
pH	pH	Daily during any discharge	9	7.42	7.74	6.5-8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	9	3.6	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 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	0.6	0.7	0.6	no
Temperature	°C (Note 1)	Continuous	Continuous	791	809	760	no
Explanatory Notes	(Note 1) °C (degrees Celsius) (Note 2) The parameter value must <b>be greater than</b> the Lower Limit specified						

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Monitoring Period		Jun-20					
Date Published		20 July 2020					
EPA Licence No.		13091					
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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	330	376	376	422
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	464	464	464	464
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	9	260	362	350	459
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. Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 22)</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 <sup>3</sup> /h (Note 1)	Continuous	Continuous	0 (Note 2)	513	515	548
Explanatory Notes		(Note 1) m <sup>3</sup> /h (cubic metres per hour) (Note 2) Zero value due to: 1. Flare was shutdown on 18th June 2020 for ~3 hours to enable installation of a new isolation valve and header line connections. Flare was restarted on site after construction work.					

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Monitoring Period	March 2020 - June 2020 (Quarterly). Surface water sampled 4 June 2020. Groundwater sampled 5 June 2020.			
Date Published	20 July 2020			
EPA Licence No.	13091			
EPA Licence Hyperlink	<a href="https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=165894&amp;SYSUID=1&amp;LICID=13091">https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=165894&amp;SYSUID=1&amp;LICID=13091</a>			
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	240
Dissolved Oxygen	mg/L (Note 1)	Quarterly	1	9.1
Faecal Coliforms	org/100 mL (Note 4)	Quarterly	1	86
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.02
pH	pH	Quarterly	1	8.0
Potassium	mg/L (Note 1)	Quarterly	1	6.0
Redox potential	mV (Note 5)	Quarterly	1	290
Total dissolved solids	mg/L (Note 1)	Quarterly	1	160
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)			

## 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	280
Dissolved Oxygen	mg/L (Note 1)	Quarterly	1	9.2
Faecal Coliforms	org/100 mL (Note 4)	Quarterly	1	230
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.15
pH	pH	Quarterly	1	7.7
Potassium	mg/L (Note 1)	Quarterly	1	7.2
Redox potential	mV (Note 5)	Quarterly	1	310
Total dissolved solids	mg/L (Note 1)	Quarterly	1	160
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)			

## 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	490
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	2.30
pH	pH	Quarterly	1	8.0
Potassium	mg/L (Note 2)	Quarterly	1	3.6
Redox potential	mV (Note 4)	Quarterly	1	280
Total dissolved solids	mg/L (Note 2)	Quarterly	1	260
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
Explanatory Notes	This site could not be sampled on this monitoring run due to site works at the monitoring location.			
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	270
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	7.6
Potassium	mg/L (Note 2)	Quarterly	1	3.2
Redox potential	mV (Note 4)	Quarterly	1	310
Total dissolved solids	mg/L (Note 2)	Quarterly	1	160
Total organic carbon	mg/L (Note 2)	Quarterly	1	5.4
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)			

## Quarterly Summary of EPA Monitoring Data

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	310
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9.1
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	16
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	<0.01
pH	pH	Quarterly	1	8.5
Potassium	mg/L (Note 2)	Quarterly	1	6.2
Redox potential	mV (Note 4)	Quarterly	1	210
Total dissolved solids	mg/L (Note 2)	Quarterly	1	160
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 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	360
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9.2
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	250
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.04
pH	pH	Quarterly	1	7.2
Potassium	mg/L (Note 2)	Quarterly	1	6.2
Redox potential	mV (Note 4)	Quarterly	1	290
Total dissolved solids	mg/L (Note 2)	Quarterly	1	180
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)			

## Quarterly Summary of EPA Monitoring Data

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	4800
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	4.7
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	>2400
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	240
pH	pH	Quarterly	1	7.8
Potassium	mg/L (Note 2)	Quarterly	1	170
Redox potential	mV (Note 4)	Quarterly	1	200
Total dissolved solids	mg/L (Note 2)	Quarterly	1	1800
Total organic carbon	mg/L (Note 2)	Quarterly	1	70
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 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	470
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9.2
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	74
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	2.1
pH	pH	Quarterly	1	7.7
Potassium	mg/L (Note 2)	Quarterly	1	11
Redox potential	mV (Note 4)	Quarterly	1	280
Total dissolved solids	mg/L (Note 2)	Quarterly	1	280
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)			



## Quarterly Summary of EPA Monitoring Data

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	460
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9.3
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	96
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.09
pH	pH	Quarterly	1	8.1
Potassium	mg/L (Note 2)	Quarterly	1	16
Redox potential	mV (Note 4)	Quarterly	1	270
Total dissolved solids	mg/L (Note 2)	Quarterly	1	330
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 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	430
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9.1
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	170
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.7
pH	pH	Quarterly	1	7.5
Potassium	mg/L (Note 2)	Quarterly	1	9.4
Redox potential	mV (Note 4)	Quarterly	1	290
Total dissolved solids	mg/L (Note 2)	Quarterly	1	220
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)			

## Quarterly Summary of EPA Monitoring Data

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	29
Calcium	mg/L (Note 1)	Quarterly	1	2.5
Chloride	mg/L (Note 1)	Quarterly	1	77
Magnesium	mg/L (Note 1)	Quarterly	1	9.1
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.05
pH	pH units	Quarterly	1	5.27
Potassium	mg/L (Note 1)	Quarterly	1	1.1
Sodium	mg/L (Note 1)	Quarterly	1	42
Standing Water Level (TOC)	metres	Quarterly	1	17.375
Standing Water Level (m AHD)	metres	NA	NA	99.035
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	38
Explanatory Notes	(Note 1) mg/L (milligrams per litre)			
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	51
Calcium	mg/L (Note 1)	Quarterly	1	2.4
Chloride	mg/L (Note 1)	Quarterly	1	77
Magnesium	mg/L (Note 1)	Quarterly	1	9.2
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.2
pH	pH units	Quarterly	1	4.69
Potassium	mg/L (Note 1)	Quarterly	1	1.6
Sodium	mg/L (Note 1)	Quarterly	1	47
Standing Water Level (TOC)	metres	Quarterly	1	7.656
Standing Water Level (m AHD)	metres	NA	NA	62.154
Sulfate	mg/L (Note 1)	Quarterly	1	27
Total dissolved solids	mg/L (Note 1)	Quarterly	1	180
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 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	420
Calcium	mg/L (Note 1)	Quarterly	1	19
Chloride	mg/L (Note 1)	Quarterly	1	190
Magnesium	mg/L (Note 1)	Quarterly	1	35
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	25
pH	pH units	Quarterly	1	6.04
Potassium	mg/L (Note 1)	Quarterly	1	36
Sodium	mg/L (Note 1)	Quarterly	1	140
Standing Water Level (TOC)	metres	Quarterly	1	15.325
Standing Water Level (m AHD)	metres	NA	NA	80.055
Sulfate	mg/L (Note 1)	Quarterly	1	55
Total dissolved solids	mg/L (Note 1)	Quarterly	1	590
Total organic carbon	mg/L (Note 1)	Quarterly	1	21
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	550
Calcium	mg/L (Note 1)	Quarterly	1	62
Chloride	mg/L (Note 1)	Quarterly	1	230
Magnesium	mg/L (Note 1)	Quarterly	1	29
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	26
pH	pH units	Quarterly	1	6.14
Potassium	mg/L (Note 1)	Quarterly	1	68
Sodium	mg/L (Note 1)	Quarterly	1	160
Standing Water Level (TOC)	metres	Quarterly	1	3.966
Standing Water Level (m AHD)	metres	NA	NA	61.114
Sulfate	mg/L (Note 1)	Quarterly	1	<5
Total dissolved solids	mg/L (Note 1)	Quarterly	1	710
Total organic carbon	mg/L (Note 1)	Quarterly	1	8.4
Explanatory Notes	(Note 1) mg/L (milligrams per litre)			

## Quarterly Summary of EPA Monitoring Data

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	28
Calcium	mg/L (Note 1)	Quarterly	1	1.9
Chloride	mg/L (Note 1)	Quarterly	1	39
Magnesium	mg/L (Note 1)	Quarterly	1	4.9
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.06
pH	pH units	Quarterly	1	5.9
Potassium	mg/L (Note 1)	Quarterly	1	0.8
Sodium	mg/L (Note 1)	Quarterly	1	24
Standing Water Level (TOC)	metres	Quarterly	1	21.479
Standing Water Level (m AHD)	metres	NA	NA	100.151
Sulfate	mg/L (Note 1)	Quarterly	1	<5
Total dissolved solids	mg/L (Note 1)	Quarterly	1	100
Total organic carbon	mg/L (Note 1)	Quarterly	1	30
Explanatory Notes	(Note 1) mg/L (milligrams per litre)			
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			