

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 The information and data in this table must not be published elsewhere by any means without prior written consent from Kimbriki Environmental Enterprises.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	01 December 2016 - 31 December 2016						
Date Published	18 January 2017						
EPA Licence No.	13091						
EPA Licence Hyperlink	http://www.epa.nsw.gov.au/prpoeoapp/ViewPOELicence.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, Kimbriki Monitoring Sites.pdf, 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	0.07	0.1	1	no
pH	pH	Daily during any discharge	2	6.59	8.23	6.5 - 8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	2	13	15	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, Kimbriki Monitoring Sites.pdf, for location (EPA 2)						
Explanatory Notes	No surface water discharge occurred from this monitoring point during the month.						
Monitoring Location (EPA Point 3)	Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 3)						
Explanatory Notes	No surface water discharge occurred from this monitoring point during the month.						
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	7	0.05	0.30	1	no
pH	pH	Daily during any discharge	7	7.35	8.48	6.5 - 8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	7	< 1	32	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)
Temperature	°C (Note 1)	Continuous	Continuous	212 (Note 3)	810.7	760	no (Note 3)
Explanatory Notes	(Note 1) °C (degrees Celsius) (Note 2) The parameter value must be greater than the Lower Limit specified (Note 3) Low temperature occurred on 13th December 2016 for 0.25 hour due to gas analyser calibration being carried out. 5%ile = 796.3 °C						

Monthly Summary of EPA Monitoring Data - No Limit



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Monitoring Period	01 December 2016 - 31 December 2016						
Date Published	18 January 2017						
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, Kimbriki Monitoring Sites.pdf, for location (EPA 1)						
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	465	465	465	465
Explanatory Notes	(Note 1) µS/cm (microsiemens per centimetre)						
Monitoring Location (EPA Point 2)	Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 2)						
Explanatory Notes	No surface water discharge occurred from this monitoring point during the month.						
Monitoring Location (EPA Point 3)	Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 3)						
Explanatory Notes	No surface water discharge occurred from this monitoring point during the month.						
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	Mean value	Median value	Max. value
Conductivity	µS/cm (Note 1)	Daily during any discharge	7	466	538	538	593
Explanatory Notes	(Note 1) µS/cm (microsiemens per centimetre)						
Monitoring Location (EPA Point 22)	Enclosed Ground Level Flare in the North-Eastern corner of the Premises.						
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)	413	415	427
Explanatory Notes	(Note 1) m ³ /h (cubic metres per hour) (Note 2) Zero value due to: 1. Power supply outage on 5th December 2016 for ~2.0 hours due to storm. Flare restarted remotely. 2. Calibration of gas analyser on 13th December 2016 for 0.25 hour.						

Quarterly Summary of EPA Monitoring Data



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Monitoring Period	September 2016 - December 2016. Surface water sampled 20 December 2016. Groundwater sampled 30 November 2016			
Date Published	18 January 2017			
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 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)	Quarterly	1	< 5
Explanatory Notes	(Note 1) mg/L (milligrams per litre)			
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	530
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	270
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.18
pH	pH	Quarterly	1	7.0
Potassium	mg/L (Note 2)	Quarterly	1	2.6
Redox potential	mV (Note 4)	Quarterly	1	(+)210
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)			
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	350
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	460
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.38
pH	pH	Quarterly	1	7.8
Potassium	mg/L (Note 2)	Quarterly	1	4.7
Redox potential	mV (Note 4)	Quarterly	1	(+)190
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 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	480
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	1400
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	<0.01
pH	pH	Quarterly	1	8.4
Potassium	mg/L (Note 2)	Quarterly	1	18
Redox potential	mV (Note 4)	Quarterly	1	(+)190
Total dissolved solids	mg/L (Note 2)	Quarterly	1	270
Total organic carbon	mg/L (Note 2)	Quarterly	1	6.4
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)			
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	470
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	880
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.04
pH	pH	Quarterly	1	9.2
Potassium	mg/L (Note 2)	Quarterly	1	9.4
Redox potential	mV (Note 4)	Quarterly	1	(+)190
Total dissolved solids	mg/L (Note 2)	Quarterly	1	310
Total organic carbon	mg/L (Note 2)	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)			
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	520
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	0.16
pH	pH	Quarterly	1	8.1
Potassium	mg/L (Note 2)	Quarterly	1	12
Redox potential	mV (Note 4)	Quarterly	1	(+)170
Total dissolved solids	mg/L (Note 2)	Quarterly	1	280
Total organic carbon	mg/L (Note 2)	Quarterly	1	11
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	5000
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	3.5
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	17000
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	240
pH	pH	Quarterly	1	8.1
Potassium	mg/L (Note 2)	Quarterly	1	200
Redox potential	mV (Note 4)	Quarterly	1	(+)190
Total dissolved solids	mg/L (Note 2)	Quarterly	1	2400
Total organic carbon	mg/L (Note 2)	Quarterly	1	120
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)		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	mg/L (Note 2)	Quarterly	1	<5
Conductivity	µS/cm (Note 1)	Quarterly	1	480
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	8.7
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	2000
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	<0.01
pH	pH	Quarterly	1	8.1
Potassium	mg/L (Note 2)	Quarterly	1	15
Redox potential	mV (Note 4)	Quarterly	1	(+) 160
Total dissolved solids	mg/L (Note 2)	Quarterly	1	280
Total organic carbon	mg/L (Note 2)	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 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 (note 5)
Biochemical oxygen	mg/L (Note 2)	Quarterly	1	<5
Conductivity	µS/cm (Note 1)	Quarterly	1	1100
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9.1
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	6500
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	9
pH	pH	Quarterly	1	8.5
Potassium	mg/L (Note 2)	Quarterly	1	50
Redox potential	mV (Note 4)	Quarterly	1	(+)210
Total dissolved solids	mg/L (Note 2)	Quarterly	1	650
Total organic carbon	mg/L (Note 2)	Quarterly	1	49
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 contained within a holding pond. The dam had been used to contain a leachate spill from a broken pipe. The wastewater in the holding pond was pumped into the KEE Leachate Dam (EPA#10) following monitoring. There was no discharge as a result of the spill.			

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	530
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	1200
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.05
pH	pH	Quarterly	1	8.2
Potassium	mg/L (Note 2)	Quarterly	1	12
Redox potential	mV (Note 4)	Quarterly	1	160
Total dissolved solids	mg/L (Note 2)	Quarterly	1	300
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 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	480
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	7700
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.02
pH	pH	Quarterly	1	8.1
Potassium	mg/L (Note 2)	Quarterly	1	11
Redox potential	mV (Note 4)	Quarterly	1	(+)170
Total dissolved solids	mg/L (Note 2)	Quarterly	1	290
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 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	480
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	8.9
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	5800
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	<0.01
pH	pH	Quarterly	1	8
Potassium	mg/L (Note 2)	Quarterly	1	12
Redox potential	mV (Note 4)	Quarterly	1	(+) 160
Total dissolved solids	mg/L (Note 2)	Quarterly	1	280
Total organic carbon	mg/L (Note 2)	Quarterly	1	11
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)		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 carbonate)	mg/L (Note 1)	Quarterly	1	24
Calcium	mg/L (Note 1)	Quarterly	1	2.5
Chloride	mg/L (Note 1)	Quarterly	1	87
Magnesium	mg/L (Note 1)	Quarterly	1	10
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.03
pH	pH	Quarterly	1	5.9
Potassium	mg/L (Note 1)	Quarterly	1	1
Sodium	mg/L (Note 1)	Quarterly	1	41
Standing Water Level	metres	Quarterly	1	16.78
Standing Water Level	metres	Not required	Not required	99.63
Sulfate	mg/L (Note 1)	Quarterly	1	34
Total dissolved solids	mg/L (Note 1)	Quarterly	1	190
Total organic carbon	mg/L (Note 1)	Quarterly	1	29
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
Chloride	mg/L (Note 1)	Quarterly	1	79
Magnesium	mg/L (Note 1)	Quarterly	1	11
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.12
pH	pH	Quarterly	1	5.1
Potassium	mg/L (Note 1)	Quarterly	1	2.3
Sodium	mg/L (Note 1)	Quarterly	1	49
Standing Water Level	metres	Quarterly	1	7.28
Standing Water Level	metres	Not required	Not required	62.53
Sulfate	mg/L (Note 1)	Quarterly	1	52
Total dissolved solids	mg/L (Note 1)	Quarterly	1	230
Total organic carbon	mg/L (Note 1)	Quarterly	1	8
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	mg/L (Note 1)	Quarterly	1	410
Calcium	mg/L (Note 1)	Quarterly	1	23
Chloride	mg/L (Note 1)	Quarterly	1	290
Magnesium	mg/L (Note 1)	Quarterly	1	64
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	50
pH	pH	Quarterly	1	6.5
Potassium	mg/L (Note 1)	Quarterly	1	70
Sodium	mg/L (Note 1)	Quarterly	1	280
Standing Water Level	metres	Quarterly	1	13.53
Standing Water Level	metres	Not required	Not required	81.85
Sulfate	mg/L (Note 1)	Quarterly	1	36
Total dissolved solids	mg/L (Note 1)	Quarterly	1	780
Total organic carbon	mg/L (Note 1)	Quarterly	1	54
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	mg/L (Note 1)	Quarterly	1	170
Calcium	mg/L (Note 1)	Quarterly	1	47
Chloride	mg/L (Note 1)	Quarterly	1	250
Magnesium	mg/L (Note 1)	Quarterly	1	26
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	9.5
pH	pH	Quarterly	1	6.2
Potassium	mg/L (Note 1)	Quarterly	1	75
Sodium	mg/L (Note 1)	Quarterly	1	160
Standing Water Level	metres	Quarterly	1	3.91
Standing Water Level (AHD)	metres	Not required	Not required	61.17
Sulfate	mg/L (Note 1)	Quarterly	1	<5
Total dissolved solids	mg/L (Note 1)	Quarterly	1	660
Total organic carbon	mg/L (Note 1)	Quarterly	1	22
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	37
Calcium	mg/L (Note 1)	Quarterly	1	1.7
Chloride	mg/L (Note 1)	Quarterly	1	39
Magnesium	mg/L (Note 1)	Quarterly	1	5
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.04
pH	pH	Quarterly	1	6.3
Potassium	mg/L (Note 1)	Quarterly	1	0.9
Sodium	mg/L (Note 1)	Quarterly	1	22
Standing Water Level	metres	Quarterly	1	21.38
Standing Water Level	metres	Not required	Not required	100.25
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	20
Explanatory Notes	(Note 1) mg/L (milligrams per litre)			
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 quarter	Value
Biochemical oxygen	mg/L (Note 1)	Quarterly	1	< 5
Explanatory Notes	(Note 1) mg/L (milligrams per litre)			