

Monthly Summary of EPA Monitoring Data with Limits



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Monitoring Period	March 2017 - June 2017. Surface water sampled 27 June 2017. Groundwater sampled 7 June 2017						
Date Published	14 July 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	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)	5	<5	9.3	20	no
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	5	0.26	2.20 (Note 4)	1	no
pH	pH	Daily during any discharge	7	6.91	7.90	6.5-8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	4	29	100 (Note 3)	50	yes
Explanatory Notes	(Note 1) mg/L (milligrams per litre) (Note 2) Special Frequency 1 - Quarterly and on the first day of discharge (Note 3) Exceedance due to heavy rainfall causing Sediment Basin to discharge (Note 4) This is not an exceedance as Discharge Point was closed on day of testing.						

Monthly Summary of EPA
Monitoring Data continued.

Monitoring Location (EPA Point 2)		<i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 2)</i>					
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	5	-	>1200 (Note 3)	20	No
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	8	0.07	0.32	1	no
pH	pH	Daily during any discharge	5	6.3 (Note 3)	7.67	6.5-8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	4	3.8	6	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) Not an exceedance as water was diverted to EPA Point 3						

Monthly Summary of EPA
Monitoring Data continued.

Monitoring Location (EPA Point 3)		Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 3)					
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	2	<5	110.0 (Note 4)	20	No
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	4	0.54	1.1 (Note 3)	1	no
pH	pH	Daily during any discharge	4	6.41 (Note 4)	7.46	6.5-8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	1	28	28	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) Not an exceedance as water was not discharged due to concentration of Ammonia above Licence Threshold (Note 4) Not an exceedance as water was not discharged						

Monthly Summary of EPA
Monitoring Data 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)	9	<5	<5	20	no
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	20	0.09	>1 (Note 3)	1	no
pH	pH	Daily during any discharge	14	6.93	7.80	6.5-8.5	no

Monthly Summary of EPA
Monitoring Data continued.

Total suspended solids	mg/L (Note 1)	Daily during any discharge	8	<5	150 (Note 4)	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) Not an exceedance as water was not discharged due to concentration of Ammonia above Licence Threshold (Note 4) Not an exceedance as the 5 day cumulative rainfall was greater than 62.1mm allowing for compliant discharge as per EPL13091 L2.1						

Monthly Summary of EPA
Monitoring Data continued.

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)	Exceed-ance (yes/no)
Temperature	°C (Note 1)	Continuous	Continuous	792.6	807.5	760	no
Explanatory Notes	(Note 1) °C (degrees Celsius) (Note 2) The parameter value must be greater than the Lower Limit specified						

Monthly Summary of EPA Monitoring Data - No Limit



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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)	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	7	258	384	419	448
Monitoring Location (EPA Point 2)	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 month	Min. value	Mean value	Median value	Max. value
Conductivity	µS/cm (Note 1)	Daily during any discharge	4	230	424	464	539
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	Mean value	Median value	Max. value
Conductivity	µS/cm (Note 1)	Daily during any discharge	3	401	417	419	432
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	13	190	339	358	460
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	373	380	395
Explanatory Notes	(Note 1) m ³ /h (cubic metres per hour) (Note 2) Zero value due to: 1. Flare shutdown due to low methane content on 9th June 2017 for 8.0 hours. Flare restarted remotely. 2. Flame failure occurred on 22nd June 2017 for 3.0 hours. Flare restarted remotely. 3. Flare shutdown for gas collection system construction on 24th June 2017 for 1.0 hour. 4. Power supply outage occurred on 25th June 2017 for 1.0 hour. Flare was restarted. 5. Flare shutdown for maintenance on gas collection system on 26th June 2017 for 2.0 hours.						

Quarterly Summary of EPA Monitoring Data



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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	PO BOX 196, 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	>1200
Explanatory Notes	(Note 1) mg/L (milligrams per litre)			
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
Conductivity	µS/cm (Note 1)	Quarterly	1	470
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	8.9
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	130
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	2.20
pH	pH	Quarterly	1	7.7
Potassium	mg/L (Note 2)	Quarterly	1	7.6
Redox potential	mV (Note 4)	Quarterly	1	360.0
Total dissolved solids	mg/L (Note 2)	Quarterly	1	240
Total organic carbon	mg/L (Note 2)	Quarterly	1	9.3
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	510
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	8.7
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	310
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	1.90
pH	pH	Quarterly	1	7.8
Potassium	mg/L (Note 2)	Quarterly	1	10.0
Redox potential	mV (Note 4)	Quarterly	1	81.0
Total dissolved solids	mg/L (Note 2)	Quarterly	1	250
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) Leachate Dam		Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 10)		
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	4
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	4600
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	400
pH	pH	Quarterly	1	7.9
Potassium	mg/L (Note 2)	Quarterly	1	180
Redox potential	mV (Note 4)	Quarterly	1	130
Total dissolved solids	mg/L (Note 2)	Quarterly	1	1900
Total organic carbon	mg/L (Note 2)	Quarterly	1	310
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
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	11
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.09
pH	pH	Quarterly	1	7.5
Potassium	mg/L (Note 2)	Quarterly	1	1.7
Redox potential	mV (Note 4)	Quarterly	1	130
Total dissolved solids	mg/L (Note 2)	Quarterly	1	150
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	430
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	140
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.37
pH	pH	Quarterly	1	7.5
Potassium	mg/L (Note 2)	Quarterly	1	6.7
Redox potential	mV (Note 4)	Quarterly	1	140
Total dissolved solids	mg/L (Note 2)	Quarterly	1	210
Total organic carbon	mg/L (Note 2)	Quarterly	1	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 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	9.3
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	180
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.8
pH	pH	Quarterly	1	7.9
Potassium	mg/L (Note 2)	Quarterly	1	8.7
Redox potential	mV (Note 4)	Quarterly	1	150
Total dissolved solids	mg/L (Note 2)	Quarterly	1	250
Total organic carbon	mg/L (Note 2)	Quarterly	1	8.4
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 3/12) Holding pond - no discharge from site.		Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 3/12). 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	440
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	0.76
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	87000
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	1.1
pH	pH	Quarterly	1	7.2
Potassium	mg/L (Note 2)	Quarterly	1	27
Redox potential	mV (Note 4)	Quarterly	1	-68.5
Total dissolved solids	mg/L (Note 2)	Quarterly	1	310
Total organic carbon	mg/L (Note 2)	Quarterly	1	89
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 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
Biochemical oxygen	mg/L (Note 2)	Quarterly	1	-
Conductivity	µS/cm (Note 1)	Quarterly	1	440
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	71
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	<0.01
pH	pH	Quarterly	1	7.6
Potassium	mg/L (Note 2)	Quarterly	1	1.5
Redox potential	mV (Note 4)	Quarterly	1	110
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 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	430
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9.1
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	25
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.99
pH	pH	Quarterly	1	7.3
Potassium	mg/L (Note 2)	Quarterly	1	7.3
Redox potential	mV (Note 4)	Quarterly	1	160
Total dissolved solids	mg/L (Note 2)	Quarterly	1	450
Total organic carbon	mg/L (Note 2)	Quarterly	1	8.3
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	3000
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	0.77
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	>24000
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	25
pH	pH	Quarterly	1	6.5
Potassium	mg/L (Note 2)	Quarterly	1	310
Redox potential	mV (Note 4)	Quarterly	1	-130.7
Total dissolved solids	mg/L (Note 2)	Quarterly	1	2600
Total organic carbon	mg/L (Note 2)	Quarterly	1	1200
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	910
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	1.3
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	>24000
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	6
pH	pH	Quarterly	1	6.9
Potassium	mg/L (Note 2)	Quarterly	1	52
Redox potential	mV (Note 4)	Quarterly	1	-70.6
Total dissolved solids	mg/L (Note 2)	Quarterly	1	590
Total organic carbon	mg/L (Note 2)	Quarterly	1	150
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	45
Calcium	mg/L (Note 1)	Quarterly	1	2.1
Chloride	mg/L (Note 1)	Quarterly	1	95
Magnesium	mg/L (Note 1)	Quarterly	1	7.8
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.06
pH	pH	Quarterly	1	5.9
Potassium	mg/L (Note 1)	Quarterly	1	0.9
Sodium	mg/L (Note 1)	Quarterly	1	34
Standing Water Level	metres	Quarterly	1	16.78
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)			
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	34
Calcium	mg/L (Note 1)	Quarterly	1	2.7
Chloride	mg/L (Note 1)	Quarterly	1	90
Magnesium	mg/L (Note 1)	Quarterly	1	8.1
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.12
pH	pH	Quarterly	1	6.1
Potassium	mg/L (Note 1)	Quarterly	1	1.5
Sodium	mg/L (Note 1)	Quarterly	1	39
Standing Water Level	metres	Quarterly	1	7.03
Sulfate	mg/L (Note 1)	Quarterly	1	32
Total dissolved solids	mg/L (Note 1)	Quarterly	1	200
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	mg/L (Note 1)	Quarterly	1	460
Calcium	mg/L (Note 1)	Quarterly	1	12
Chloride	mg/L (Note 1)	Quarterly	1	330
Magnesium	mg/L (Note 1)	Quarterly	1	31
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	51
pH	pH	Quarterly	1	6.6
Potassium	mg/L (Note 1)	Quarterly	1	37
Sodium	mg/L (Note 1)	Quarterly	1	150
Standing Water Level	metres	Quarterly	1	13.64
Sulfate	mg/L (Note 1)	Quarterly	1	36
Total dissolved solids	mg/L (Note 1)	Quarterly	1	730
Total organic carbon	mg/L (Note 1)	Quarterly	1	22
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	160
Calcium	mg/L (Note 1)	Quarterly	1	22
Chloride	mg/L (Note 1)	Quarterly	1	250
Magnesium	mg/L (Note 1)	Quarterly	1	12
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	11
pH	pH	Quarterly	1	6.3
Potassium	mg/L (Note 1)	Quarterly	1	35
Sodium	mg/L (Note 1)	Quarterly	1	91
Standing Water Level	metres	Quarterly	1	3.37
Sulfate	mg/L (Note 1)	Quarterly	1	< 5
Total dissolved solids	mg/L (Note 1)	Quarterly	1	550
Total organic carbon	mg/L (Note 1)	Quarterly	1	11
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	35
Calcium	mg/L (Note 1)	Quarterly	1	1.9
Chloride	mg/L (Note 1)	Quarterly	1	49
Magnesium	mg/L (Note 1)	Quarterly	1	4.1
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.04
pH	pH	Quarterly	1	6.3
Potassium	mg/L (Note 1)	Quarterly	1	0.8
Sodium	mg/L (Note 1)	Quarterly	1	18
Standing Water Level	metres	Quarterly	1	21.29
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	15
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)			