

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 The information and data in this table must not be published elsewhere by any means without prior written consent from Kimbriki Environmental Enterprises.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

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Monitoring Period	Sep-19	Sep-19							
Date Published	16 October 2019								
EPA Licence No.	13091	3091							
EPA Licence Hyperlink	https://apps.	epa.nsw.gov.au	ı/prpoeoapp/Vi	ewPOEOLic	ence.aspx?[	OOCID=16589	4&SYSUID=1		
	&LICID=1309	&LICID=13091							
Licensee Name	KIMBRIKI EN	VIRONMENTAL	ENTERPRISES P	TY LIMITED					
Licensee Address	PO BOX 196,	Terrey Hills, NS	W 2084						
Monitoring Location (EPA Poin	t 1)	Please refer to the	map, Kimbriki Mo	onitoring Sites.	pdf, for locati	ion <b>(EPA 1)</b>			
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>month</b>	Min. value	Max. value	100 percentile limit	Exceedance (yes/no)		
Explanatory Notes	No surface wate	er discharge occurr	ed from this monit	oring point du	ring the montl	h			
Monitoring Location (EPA Poin	t 2)	Please refer to the	map, Kimbriki Mo	onitoring Sites.	pdf, for locati	ion <b>(EPA 2)</b>			
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>month</b>	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	0.06	0.06	1	no		
PΗ	рН	Daily during any discharge	1	8.10	8.10	6.5-8.5	no		
Total suspended solids	mg/L (Note 1)	Daily during any discharge	1	22.0	22.0	50	no		
Explanatory Notes		milligrams per litre Frequency 1 - Qua	rterly and on the f	rst day of disc	harge				



#### **Monthly Summary of EPA Monitoring Data with Limits**

Monitoring Location (EPA Poin	t 3)	Please refer to the	nap, Kimbriki Mc	onitoring Sites.	pdf, for locati	on <b>(EPA 3)</b>		
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)	3	<5	<5	20	no	
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	3	0.03	0.36	1	no	
рН	рН	Daily during any discharge	3	6.68	7.70	6.5-8.5	no	
Total suspended solids	mg/L (Note 1)	Daily during any discharge	3	13.0	27.0	50	no	
Explanatory Notes	, , ,	milligrams per litre) Frequency 1 - Qua	) rterly and on the fi	irst day of disc	harge			
Monitoring Location (EPA Poin	t 21)	Please refer to the	nap, Kimbriki Mc	onitoring Sites.	pdf, for locati	on <b>(EPA 21)</b>		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>month</b>	Min. value	Max. value	100 percentile limit	Exceedance (yes/no)	
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	5	<5	5.1	20	no	
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	12	<0.01	0.07	1	no	
рН	рН	Daily during any discharge	12	6.54	7.26	6.5-8.5	no	
Total suspended solids	mg/L (Note 1)	Daily during any discharge	12	7.8	300.0	50	no (Note 3)	
Explanatory Notes	(Note 1) discharge (Note 3)  (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, 2nd, 18th and 19th September 2019 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 Poin	t 22)		evel Flare in the No ng Sites.pdf, for loc			emises. Please r	efer to the map,	
Parameter	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>month</b>	Min. value	Max. value	Lower Limit (Note 2)	Exceedance (yes/no)	
Residence Time	seconds	Continuous	Continuous	0.8	0.8	0.6	No	
Temperature	°C (Note 1)	Continuous	Continuous	791	824	760	No	
Explanatory Notes	(Note 1) °C (deg (Note 2) The pa		t <b>be greater than</b> t	the Lower Lim	it specified			



#### **Monthly Summary of EPA Monitoring Data - No Limit**

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Monitoring Period	Sep-19							
Date Published	16 October 20	)19						
EPA Licence No.	13091							
EPA Licence Hyperlink	https://apps.e	epa.nsw.gov.au,	/prpoeoapp/Vie	wPOEOLice	nce.aspx?D	OCID=16589	94&SYSUID=1&LI	
	CID=13091	CID=13091						
Licensee Name	KIMBRIKI ENV	KIMBRIKI ENVIRONMENTAL ENTERPRISES PTY LIMITED						
Licensee Address	PO BOX 196, 1	Terrey Hills, NSV	V 2084					
Monitoring Location (EPA Poi	nt 1)	Please refer to the	e map, Kimbriki Mo	onitoring Sites	.pdf, for locati	on <b>(EPA 1)</b>		
Explanatory Notes	No surface water	r discharge occurre	d from this monito	ring point dur	ing the month			
Monitoring Location (EPA Poil	nt 2)	Please refer to the	e map, Kimbriki Mo	onitoring Sites	.pdf, for locati	on <b>(EPA 2)</b>		
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	306	306	306	306	
Explanatory Notes	(Note 1) μS/cm (	microsiemens per	centimetre)					
Monitoring Location (EPA Poi	nt 3)	Please refer to the	map, Kimbriki Mo	onitoring Sites	.pdf, for locati	on <b>(EPA 3)</b>		
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	186	296	349	353	
Explanatory Notes	(Note 1) μS/cm (	microsiemens per	centimetre)					
Monitoring Location (EPA Poi	nt 21)	Please refer to the	map, Kimbriki Mo	onitoring Sites	.pdf, for locati	on <b>(EPA 21)</b>		
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	12	202	311	300	460	
Explanatory Notes	(Note 1) μS/cm (	microsiemens per	centimetre)					
Monitoring Location (EPA Poil	nt 22)		Level Flare in the N ng Sites.pdf, for loc			emises. Pleas	e refer to the map,	
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>month</b>	Min. value	Mean value	Median value	Max. value	
Volumetric flowrate	m³/h (Note 1)	Continuous	Continuous	438	455	455	465	
Explanatory Notes	(Note 1) m <sup>3</sup> /h (cu	ubic metres per ho	ur)					



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Manitaring Pariod	June 2010 Sentember	2010 (Quartorly) S	urfaco water cample	d 22 Contombor		
Monitoring Period	June 2019 - September 2019 (Quarterly). Surface water sampled 23 September 2019. Groundwater sampled 25 September 2019.					
Date Published	16 October 2019					
EPA Licence No.	13091					
EPA Licence Hyperlink	https://apps.epa.nsw	.gov.au/prpoeoar	p/ViewPOEOLicen	ce.aspx?DOCID=16		
	5894&SYSUID=1&LIC	ID=13091				
Licensee Name	KIMBRIKI ENVIRONM	ENTAL ENTERPRIS	SES PTY LIMITED			
Licensee Address	PO BOX 196, Terrey H	lills, NSW 2084				
Monitoring Location (EPA Point 1/11)  Please refer to the map, Kimbriki Monitoring for location (EPA 1/11)						
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	200		
Dissolved Oxygen	mg/L (Note 1)	Quarterly	1	8.6		
Faecal Coliforms	org/100 mL (Note 4)	Quarterly	1	520		
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.04		
рН	рН	Quarterly	1	7.4		
Potassium	mg/L (Note 1)	Quarterly	1	4.7		
Redox potential	mV (Note 5)	Quarterly	1	270.0		
Total dissolved solids	mg/L (Note 1)	Quarterly	1	170		
Total organic carbon	mg/L (Note 1)	Quarterly	1	12		
Explanatory Notes	(Note 1) mg/L (milligrams per litre) (Note 2) Special Frequency 1 - Quarterly and on the first day of discharge (Note 3) $\mu$ S/cm (microsiemens per centimetre) (Note 4) org/100 mL (colony forming units per 100 millilitres) (Note 5) mV (millivolts)					



Monitoring Location (EPA Point 2)		Please refer to the for location <b>(EPA</b>		onitoring Sites.pdf,		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>quarter</b>	Value		
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	1	<5		
Explanatory Notes	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)		Please refer to the for location <b>(EPA</b>		onitoring Sites.pdf,		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>quarter</b>	Value		
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	1	<5		
Conductivity	μS/cm (Note 3)	Quarterly	1	340		
Dissolved Oxygen	mg/L (Note 1)	Quarterly	1	8.0		
Faecal Coliforms	org/100 mL (Note 4)	Quarterly	1	>24000		
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.39		
рН	рН	Quarterly	1	7.5		
Potassium	mg/L (Note 1)	Quarterly	1	22		
Redox potential	mV (Note 5)	Quarterly	1	260.0		
Total dissolved solids	mg/L (Note 1)	Quarterly	1	230		
Total organic carbon	mg/L (Note 1)	Quarterly	1	24		
Explanatory Notes	mg/L (Note 1) Quarterly 1 24  (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)					



Monitoring Location (EPA Point 5)		Please refer to th for location <b>(EPA</b>	•	onitoring Sites.pdf,
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>quarter</b>	Value
Conductivity	μS/cm (Note 1)	Quarterly	1	550
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9.2
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	310
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.10
рН	рН	Quarterly	1	7.8
Potassium	mg/L (Note 2)	Quarterly	1	1.8
Redox potential	mV (Note 4)	Quarterly	1	260.0
Total dissolved solids	mg/L (Note 2)	Quarterly	1	320
Total organic carbon	mg/L (Note 2)	Quarterly	1	10
Explanatory Notes	(Note 1) µS/cm (micros (Note 2) mg/L (milligrar (Note 3) org/100 mL (co (Note 4) mV (millivolts)	ns per litre) blony forming units	per 100 millilitres)	
Monitoring Location (EPA Point 6)		Please refer to th for location <b>(EPA</b>	•	onitoring Sites.pdf,
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>quarter</b>	Value
Explanatory Notes	This site could not be samonitoring location.	ampled on this mon	itoring run due to sit	e works at the
Monitoring Location (EPA Point 7)		Please refer to th for location <b>(EPA</b>		onitoring Sites.pdf,
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>quarter</b>	Value
Conductivity	μS/cm (Note 1)	Quarterly	1	370
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9.1
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	490
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.06
рН	рН	Quarterly	1	7.7
Potassium	mg/L (Note 2)	Quarterly	1	4.3
Redox potential	mV (Note 4)	Quarterly	1	250
Total dissolved solids	mg/L (Note 2)	Quarterly	1	220
Total organic carbon	mg/L (Note 2)	Quarterly	1	10
Explanatory Notes	(Note 1) μS/cm (micros (Note 2) mg/L (milligrar (Note 3) org/100 mL (co (Note 4) mV (millivolts)	ns per litre)		



Monitoring Location (EPA Point 8)		Please refer to th for location <b>(EPA</b>	•	onitoring Sites.pdf,
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>quarter</b>	Value
Conductivity	μS/cm (Note 1)	Quarterly	1	400
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9.0
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	200
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.02
рН	рН	Quarterly	1	8.3
Potassium	mg/L (Note 2)	Quarterly	1	6.4
Redox potential	mV (Note 4)	Quarterly	1	230
Total dissolved solids	mg/L (Note 2)	Quarterly	1	220
Total organic carbon	mg/L (Note 2)	Quarterly	1	12
Explanatory Notes  Monitoring Location (EPA Point 9)	(Note 2) mg/L (milligrar (Note 3) org/100 mL (co (Note 4) mV (millivolts)	olony forming units	e map, Kimbriki M	onitoring Sites.pdf,
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>quarter</b>	Value
Conductivity	μS/cm (Note 1)	Quarterly	1	430
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	2.2
рН	рН	Quarterly	1	8.0
Potassium	mg/L (Note 2)	Quarterly	1	7.4
Redox potential	mV (Note 4)	Quarterly	1	230
Total dissolved solids	mg/L (Note 2)	Quarterly	1	250
Total organic carbon	mg/L (Note 2)	Quarterly	1	13
(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)		Please refer to th for location <b>(EPA</b>		onitoring Sites.pdf,
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>quarter</b>	Value
Conductivity	μS/cm (Note 1)	Quarterly	1	3900
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	7.1
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	>24000
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	220
рН	рН	Quarterly	1	7.9
Potassium	mg/L (Note 2)	Quarterly	1	150
Redox potential	mV (Note 4)	Quarterly	1	170
Total dissolved solids	mg/L (Note 2)	Quarterly	1	1600
Total organic carbon	mg/L (Note 2)	Quarterly	1	200
Explanatory Notes  Monitoring Location (EPA Point 13)	(Note 2) mg/L (milligrar (Note 3) org/100 mL (co (Note 4) mV (millivolts)	olony forming units	e map, Kimbriki M	onitoring Sites.pdf,
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>quarter</b>	Value
Conductivity	μS/cm (Note 1)	Quarterly	1	360
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	8.7
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	>24000
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.39
рН	рН	Quarterly	1	7.5
Potassium	mg/L (Note 2)	Quarterly	1	19
Redox potential	mV (Note 4)	Quarterly	1	250
Total dissolved solids	mg/L (Note 2)	Quarterly	1	230
Total organic carbon	mg/L (Note 2)	Quarterly	1	22
(Note 2)   Quarterly   1   22   (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 th for location <b>(EPA</b>	•	onitoring Sites.pdf,
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>quarter</b>	Value
Conductivity	μS/cm (Note 1)	Quarterly	1	230
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9.1
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	990
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.04
рН	рН	Quarterly	1	7.4
Potassium	mg/L (Note 2)	Quarterly	1	5.3
Redox potential	mV (Note 4)	Quarterly	1	260
Total dissolved solids	mg/L (Note 2)	Quarterly	1	160
Total organic carbon	mg/L (Note 2)	Quarterly	1	10
Explanatory Notes  Monitoring Location (EPA Point 15)	(Note 3) org/100 mL (co (Note 4) mV (millivolts)	,	e map, Kimbriki M	onitoring Sites.pdf,
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>quarter</b>	Value
Conductivity	μS/cm (Note 1)	Quarterly	1	360
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	8.7
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	20000
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.43
рН	рН	Quarterly	1	7.5
Potassium	mg/L (Note 2)	Quarterly	1	19
Redox potential	mV (Note 4)	Quarterly	1	210
Total dissolved solids	mg/L (Note 2)	Quarterly	1	240
Total organic carbon	mg/L (Note 2)	Quarterly	1	22
Explanatory Notes	(Note 2) Quarterly 1 22  (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 for location (EPA	ne map, Kimbriki Ma N <b>16)</b>	onitoring Sites.po
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>quarter</b>	Value
Alkalinity (as calcium carbonate)	mg/L (Note 1)	Quarterly	1	24
Calcium	mg/L (Note 1)	Quarterly	1	2.2
Chloride	mg/L (Note 1)	Quarterly	1	81
Magnesium	mg/L (Note 1)	Quarterly	1	8.6
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	<0.01
Н	pH units	Quarterly	1	5.8
Potassium	mg/L (Note 1)	Quarterly	1	0.9
Sodium	mg/L (Note 1)	Quarterly	1	43
Standing Water Level (TOC)	metres	Quarterly	1	17.223
Standing Water Level (m AHD)	metres	NA	NA	99.19
	mg/L (Note 1)	Quarterly	1	4.1
Sulfate				
	mg/L (Note 1)	Quarterly	1	150
Total dissolved solids		Quarterly	1 1	150 <5
Total dissolved solids Total organic carbon	mg/L (Note 1) mg/L (Note 1)	Quarterly ms per litre)	1 ne map, Kimbriki Ma	<5
Fotal dissolved solids Fotal organic carbon Explanatory Notes	mg/L (Note 1) mg/L (Note 1)	Quarterly ms per litre)  Please refer to the	1 ne map, Kimbriki Ma	<5
Total dissolved solids  Total organic carbon  Explanatory Notes  Monitoring Location (EPA Point 17)	mg/L (Note 1) mg/L (Note 1) (Note 1) mg/L (milligrar	Quarterly  ns per litre)  Please refer to the for location (EPA)  Monitoring frequency required by	1  No. of times measured during	<5 onitoring Sites.po
Fotal dissolved solids  Fotal organic carbon  Explanatory Notes  Monitoring Location (EPA Point 17)  Pollutant  Alkalinity (as calcium carbonate)	mg/L (Note 1) mg/L (Note 1) (Note 1) mg/L (milligran) Units of measure	Quarterly  ms per litre)  Please refer to the for location (EPA)  Monitoring frequency required by licence	1  No. of times measured during quarter	<5 onitoring Sites.po Value
Fotal dissolved solids Fotal organic carbon Explanatory Notes  Monitoring Location (EPA Point 17)  Pollutant  Alkalinity (as calcium carbonate)  Calcium	mg/L (Note 1) mg/L (Note 1) (Note 1) mg/L (milligrar  Units of measure  mg/L (Note 1)	Quarterly  ms per litre)  Please refer to the for location (EPA)  Monitoring frequency required by licence  Quarterly	1  No. of times measured during quarter	<5 onitoring Sites.po Value <20
Fotal dissolved solids Fotal organic carbon  Explanatory Notes  Monitoring Location (EPA Point 17)  Pollutant  Alkalinity (as calcium carbonate)  Calcium Chloride Magnesium	mg/L (Note 1) mg/L (Note 1) (Note 1) mg/L (milligran  Units of measure  mg/L (Note 1)  mg/L (Note 1)	Quarterly  ns per litre)  Please refer to the for location (EPA)  Monitoring frequency required by licence  Quarterly  Quarterly	1  No. of times measured during quarter  1	<5  onitoring Sites.po  Value  <20  2.4  82  8.9
Fotal dissolved solids Fotal organic carbon  Explanatory Notes  Monitoring Location (EPA Point 17)  Pollutant  Alkalinity (as calcium carbonate)  Calcium Chloride Magnesium	mg/L (Note 1) mg/L (Note 1) (Note 1) mg/L (milligrar  Units of measure  mg/L (Note 1)	Quarterly  ns per litre)  Please refer to the for location (EPA)  Monitoring frequency required by licence Quarterly  Quarterly Quarterly Quarterly Quarterly Quarterly	1  No. of times measured during quarter  1  1  1	<5  onitoring Sites.po  Value  <20  2.4  82  8.9  0.08
Fotal dissolved solids Fotal organic carbon  Explanatory Notes  Monitoring Location (EPA Point 17)  Pollutant  Alkalinity (as calcium carbonate)  Calcium Chloride Magnesium Nitrogen (ammonia) OH	mg/L (Note 1) mg/L (Note 1) (Note 1) mg/L (milligran  Units of measure  mg/L (Note 1)	Quarterly  ns per litre)  Please refer to the for location (EPA)  Monitoring frequency required by licence Quarterly  Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	No. of times measured during quarter  1  1  1  1  1  1  1  1	<5  Onitoring Sites.po  Value  <20  2.4  82  8.9  0.08  5.6
Fotal dissolved solids Fotal organic carbon  Explanatory Notes  Monitoring Location (EPA Point 17)  Pollutant  Alkalinity (as calcium carbonate)  Calcium Chloride Magnesium Nitrogen (ammonia) DH Potassium	mg/L (Note 1) mg/L (Note 1) (Note 1) mg/L (milligrar  Units of measure  mg/L (Note 1) pH units mg/L (Note 1)	Quarterly  Please refer to the for location (EPP)  Monitoring frequency required by licence  Quarterly	No. of times measured during quarter  1 1 1 1 1 1 1 1 1 1 1 1 1	<5  Donitoring Sites.po  Value  <20  2.4  82  8.9  0.08  5.6  1.5
Fotal dissolved solids Fotal organic carbon  Explanatory Notes  Monitoring Location (EPA Point 17)  Pollutant  Alkalinity (as calcium carbonate)  Calcium Chloride Magnesium Nitrogen (ammonia) DH Potassium	mg/L (Note 1) mg/L (Note 1) (Note 1) mg/L (milligran  Units of measure  mg/L (Note 1)	Quarterly  ns per litre)  Please refer to the for location (EPA)  Monitoring frequency required by licence Quarterly  Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	No. of times measured during quarter  1  1  1  1  1  1  1  1	<5  Onitoring Sites.po  Value  <20  2.4  82  8.9  0.08  5.6
Fotal dissolved solids Fotal organic carbon  Explanatory Notes  Monitoring Location (EPA Point 17)  Pollutant  Alkalinity (as calcium carbonate)  Calcium Chloride Magnesium Nitrogen (ammonia) OH Potassium Sodium	mg/L (Note 1) mg/L (Note 1) (Note 1) mg/L (milligrar  Units of measure  mg/L (Note 1) pH units mg/L (Note 1)	Quarterly  Please refer to the for location (EPP)  Monitoring frequency required by licence  Quarterly	No. of times measured during quarter  1 1 1 1 1 1 1 1 1 1 1 1 1	<5  Donitoring Sites.po  Value  <20  2.4  82  8.9  0.08  5.6  1.5
Fotal dissolved solids Fotal organic carbon  Explanatory Notes  Monitoring Location (EPA Point 17)  Pollutant  Alkalinity (as calcium carbonate)  Calcium Chloride Magnesium Nitrogen (ammonia) DH Potassium Sodium  Standing Water Level (TOC)	mg/L (Note 1) mg/L (Note 1) (Note 1) mg/L (milligrar  Units of measure  mg/L (Note 1)	Quarterly  Please refer to the for location (EPA)  Monitoring frequency required by licence Quarterly	No. of times measured during quarter  1  1  1  1  1  1  1  1  1  1  1	Value 20 2.4 82 8.9 0.08 5.6 1.5 50
Fotal dissolved solids Fotal organic carbon  Explanatory Notes  Monitoring Location (EPA Point 17)  Pollutant  Alkalinity (as calcium carbonate)  Calcium  Chloride  Magnesium  Nitrogen (ammonia)	mg/L (Note 1) mg/L (Note 1) (Note 1) mg/L (milligran  Units of measure  mg/L (Note 1) pH units mg/L (Note 1)	Quarterly  Please refer to the for location (EPA)  Monitoring frequency required by licence Quarterly	No. of times measured during quarter  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Value 20 2.4 82 8.9 0.08 5.6 1.5 50 7.105
Fotal dissolved solids Fotal organic carbon  Explanatory Notes  Monitoring Location (EPA Point 17)  Pollutant  Alkalinity (as calcium carbonate)  Calcium Chloride Magnesium Nitrogen (ammonia) OH Potassium Sodium Standing Water Level (TOC) Standing Water Level (m AHD)	mg/L (Note 1) mg/L (Note 1) (Note 1) mg/L (milligrar  Units of measure  mg/L (Note 1) pH units mg/L (Note 1) metres metres	Quarterly  Please refer to the for location (EPA)  Monitoring frequency required by licence Quarterly Auarterly Quarterly Quarterly Quarterly NA	No. of times measured during quarter  1 1 1 1 1 1 1 1 1 1 1 1 1 1 NA	Value 20 2.4 82 8.9 0.08 5.6 1.5 50 7.105 62.71



Monitoring Location (EPA Point 18)		Please refer to the for location <b>(EPA</b>	ne map, Kimbriki Mc N <b>18)</b>	onitoring Sites.pdf
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>quarter</b>	Value
Alkalinity (as calcium carbonate)	mg/L (Note 1)	Quarterly	1	440
Calcium	mg/L (Note 1)	Quarterly	1	18
Chloride	mg/L (Note 1)	Quarterly	1	290
Magnesium	mg/L (Note 1)	Quarterly	1	38
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	69
рН	pH units	Quarterly	1	6.4
Potassium	mg/L (Note 1)	Quarterly	1	46
Sodium	mg/L (Note 1)	Quarterly	1	190
Standing Water Level (TOC)	metres	Quarterly	1	14.644
Standing Water Level (m AHD)	metres	NA	NA	80.74
Sulfate	mg/L (Note 1)	Quarterly	1	73
Total dissolved solids	mg/L (Note 1)	Quarterly	1	660
	4		4	45
Total organic carbon  Explanatory Notes	mg/L (Note 1) (Note 1) mg/L (milligra		1 1	
Explanatory Notes  Monitoring Location (EPA Point 19)		ms per litre)	ne map, Kimbriki Mc	
Explanatory Notes		ms per litre)  Please refer to th	ne map, Kimbriki Mc	
Explanatory Notes  Monitoring Location (EPA Point 19)  Pollutant	(Note 1) mg/L (milligra	Please refer to the for location (EPA)  Monitoring frequency required by	ne map, Kimbriki Mo A <b>19)</b> No. of times measured during	onitoring Sites.pdf
Explanatory Notes  Monitoring Location (EPA Point 19)  Pollutant  Alkalinity (as calcium carbonate)	(Note 1) mg/L (milligra	Please refer to the for location (EPA)  Monitoring frequency required by licence	ne map, Kimbriki Ma A <b>19)</b> No. of times measured during <b>quarter</b>	onitoring Sites.pdf Value
Explanatory Notes  Monitoring Location (EPA Point 19)  Pollutant  Alkalinity (as calcium carbonate)  Calcium	Units of measure  mg/L (Note 1)	Monitoring frequency required by licence	No. of times measured during quarter	onitoring Sites.pdf Value 360
Explanatory Notes  Monitoring Location (EPA Point 19)  Pollutant  Alkalinity (as calcium carbonate)  Calcium  Chloride	Units of measure  mg/L (Note 1)  mg/L (Note 1)	Monitoring frequency required by licence Quarterly	No. of times measured during quarter	Value 360
Explanatory Notes  Monitoring Location (EPA Point 19)  Pollutant  Alkalinity (as calcium carbonate)  Calcium  Chloride  Magnesium	Units of measure  mg/L (Note 1)  mg/L (Note 1)  mg/L (Note 1)  mg/L (Note 1)	Please refer to the for location (EPP)  Monitoring frequency required by licence Quarterly  Quarterly	No. of times measured during quarter	Value 360 46 280
Explanatory Notes  Monitoring Location (EPA Point 19)	Units of measure  mg/L (Note 1)	Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly	No. of times measured during quarter  1  1  1  1	Value  360  46  280  25
Explanatory Notes  Monitoring Location (EPA Point 19)  Pollutant  Alkalinity (as calcium carbonate)  Calcium  Chloride  Magnesium  Nitrogen (ammonia) pH	Units of measure  mg/L (Note 1)	Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly	No. of times measured during quarter  1  1  1  1  1	Value  360  46  280  25  37
Explanatory Notes  Monitoring Location (EPA Point 19)  Pollutant  Alkalinity (as calcium carbonate)  Calcium Chloride  Magnesium Nitrogen (ammonia) pH Potassium	Units of measure  mg/L (Note 1)  pH units	Monitoring frequency required by licence Quarterly	No. of times measured during quarter  1 1 1 1 1 1 1 1	Value  360  46  280  25  37  6.3
Explanatory Notes  Monitoring Location (EPA Point 19)  Pollutant  Alkalinity (as calcium carbonate)  Calcium Chloride Magnesium Nitrogen (ammonia) pH Potassium Sodium	Units of measure  mg/L (Note 1)  pH units  mg/L (Note 1)	Monitoring frequency required by licence Quarterly	No. of times measured during quarter  1  1  1  1  1  1  1  1  1	Value  360  46  280  25  37  6.3  46
Explanatory Notes  Monitoring Location (EPA Point 19)  Pollutant  Alkalinity (as calcium carbonate)  Calcium  Chloride  Magnesium  Nitrogen (ammonia)	Units of measure  mg/L (Note 1)  pH units  mg/L (Note 1)  mg/L (Note 1)	Monitoring frequency required by licence Quarterly	No. of times measured during quarter  1 1 1 1 1 1 1 1 1 1 1 1 1	Value  360  46  280  25  37  6.3  46  130
Explanatory Notes  Monitoring Location (EPA Point 19)  Pollutant  Alkalinity (as calcium carbonate)  Calcium Chloride Magnesium Nitrogen (ammonia) pH Potassium Sodium  Standing Water Level (TOC)	Units of measure  mg/L (Note 1)  mg/L (Note 1)	Monitoring frequency required by licence Quarterly	No. of times measured during quarter  1  1  1  1  1  1  1  1  1  1  1  1  1	Value  360  46  280  25  37  6.3  46  130  3.555
Explanatory Notes  Monitoring Location (EPA Point 19)  Pollutant  Alkalinity (as calcium carbonate)  Calcium Chloride Magnesium Nitrogen (ammonia) pH Potassium Sodium  Standing Water Level (TOC)  Standing Water Level (m AHD)	Units of measure  mg/L (Note 1)  metres	Monitoring frequency required by licence Quarterly Auarterly Quarterly Quarterly NA	No. of times measured during quarter  1 1 1 1 1 1 1 1 1 1 NA	Value  360  46  280  25  37  6.3  46  130  3.555  61.53
Explanatory Notes  Monitoring Location (EPA Point 19)  Pollutant  Alkalinity (as calcium carbonate)  Calcium Chloride Magnesium Nitrogen (ammonia) pH Potassium Sodium Standing Water Level (TOC)  Standing Water Level (m AHD) Sulfate	Units of measure  mg/L (Note 1)	Monitoring frequency required by licence Quarterly	No. of times measured during quarter  1  1  1  1  1  1  1  1  1  NA  1  NA  1	Value  360  46  280  25  37  6.3  46  130  3.555  61.53  22



Monitoring Location (EPA Point 20)		Please refer to th for location <b>(EPA</b>	·	onitoring Sites.pdf,	
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	26	
Calcium	mg/L (Note 1)	Quarterly	1	1.5	
Chloride	mg/L (Note 1)	Quarterly	1	44	
Magnesium	mg/L (Note 1)	Quarterly	1	4.5	
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	<0.01	
рН	pH units	Quarterly	1	6.7	
Potassium	mg/L (Note 1)	Quarterly	1	0.7	
Sodium	mg/L (Note 1)	Quarterly	1	22	
Standing Water Level (TOC)	metres	Quarterly	1	21.558	
Standing Water Level (m AHD)	metres	NA	NA	100.07	
Sulfate	mg/L (Note 1)	Quarterly	1	<2	
Total dissolved solids	mg/L (Note 1)	Quarterly	1	94	
Total organic carbon	mg/L (Note 1)	Quarterly	1	15	
Explanatory Notes	(Note 1) mg/L (milligrar	ms 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 <b>quarter</b>	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				