

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

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Monitoring Period	Jun-19	un-19						
Date Published	16 July 2019	6 July 2019						
EPA Licence No.	13091	3091						
EPA Licence Hyperlink	http://app.ep	tp://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=71945&SYSUID=1&LI						
	CID=13091							
Licensee Name	KIMBRIKI EN	/IRONMENTAL	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 Monitoring Sites.pdf, for location (EPA 1)						
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 water	r discharge occurr	ed from this monito	oring point du	ring the month	า.		
Monitoring Location (EPA Poin	t 2)	Please refer to the	map, Kimbriki Mc	onitoring Sites.	pdf, for locati	on <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)	
Explanatory Notes No surface water discharge occurred from this monitoring point during the month.								
Monitoring Location (EPA Poin	t 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 <b>month</b>	Min. value	Max. value	100 percentile limit	Exceedance (yes/no)	
Explanatory Notes	No surface water	r discharge occurr	ed from this monito	oring point du	ring the month	า.		
Monitoring Location (EPA Poin	t 21)	Please refer to the	e 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 <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)	4	<5	<5	20	no	
Nitrogen (ammonia)	mg/L	Daily during any	7	0.04	0.27	1	no	
рН	(Note 1) pH	discharge Daily during any	7	7.48	8.10	6.5-8.5	no	
F'''	Pii	discharge	,	7.40	0.10	0.5-0.5	110	
Total suspended solids	mg/L	Daily during any	7	19.0	130.0	50	yes	
	(Note 1)	discharge						
Explanatory Notes		nilligrams per litre Frequency 1 - Qua	) irterly and on the fi	rst day of disc	harge			



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

Monitoring Location (EPA Poin	t 22)	Enclosed Ground Level Flare in the North-Eastern corner of the Premises. Please refer to the Kimbriki Monitoring Sites.pdf, for location (EPA 22)					refer 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	0.7	0.8	0.6	No
Temperature	°C (Note 1)	Continuous	Continuous	787	805	760	No
Explanatory Notes	(Note 1) °C (deg (Note 2) The pa	•	t <b>be greater than</b> t	the Lower Limi	t specified		



Monitoring Period	Jun-19							
Date Published	16 July 2019							
EPA Licence No.	13091							
EPA Licence Hyperlink	http://app.ep	oa.nsw.gov.au/p	rpoeoapp/Vie	ewPOEOLicence	.aspx?DOCII	D=71945&SYSUID=1&LICID=13091		
Licensee Name	KIMBRIKI EN	VIRONMENTAL E	NTERPRISES	PTY LIMITED				
Licensee Address	PO BOX 196,	Terrey Hills, NS\	N 2084					
Monitoring Location (EPA Po	int 21)	Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 21)						
Pollutant	Units of measure	Monitoring frequency required by licence	100 percentile limit	Exceedance Date	Value	Five-day cumulative rainfall recorded on site (mm) (Note 1)		
Total suspended solids	mg/L (Note 2)	Daily during any discharge	50	17/06/2019	63	14.5		
Total suspended solids	mg/L (Note 2)	Daily during any discharge	50	18/06/2019	130	35.5		
Total suspended solids	mg/L (Note 2)	Daily during any discharge	50	25/06/2019	88	37		
Total suspended solids	mg/L (Note 2)	Daily during any discharge	50	26/06/2019	110	48		
Total suspended solids	mg/L (Note 2)	Daily during any discharge	50	27/06/2019	120	52.5		
Total suspended solids	mg/L (Note 2)	Daily during any discharge	50	30/06/2019	89	16		
Explanatory Notes	(Note 3) After to insufficient 21) were being Hence the low recorded. Kim includes suppl inspections of	(milligrams per lit a dry month (12m water available fo g used to treat rur er western basin briki will continue ementing stormw	nm of rainfall re or reuse in dust noff from interi (i.e. EPA 21) ov to maintain se rater with town s and proactive	suppression. In a mittent minor rain erflowed on the o diment basins in a water as require	addition to the nfall events of days when to low flow peri ed for dust sup	vater was retained in sediment basins due is, the western basins (i.e. EPA 1 and EPA ccurring during the month of June 2019. tal suspended solids exceedance was ods to prepare for impending rainfall. This oppression activities. Kimbriki perform daily ans practicable to ensure potential for		



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

Monitoring Period	Jun-19							
Date Published	16 July 2019							
EPA Licence No.	13091	3091						
EPA Licence Hyperlink	http://app.ep =13091	a.nsw.gov.au/p	rpoeoapp/View	POEOLicen	ce.aspx?DO0	CID=719458	SYSUID=1&LICID	
Licensee Name	KIMBRIKI ENV	IRONMENTAL E	NTERPRISES PT	Y LIMITED				
Licensee Address	PO BOX 196, Terrey Hills, NSW 2084							
Monitoring Location (EPA Poir		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 <b>month</b>	Min. value	Mean value	Median value	Max. value	
Explanatory Notes	No surface water	discharge occurre	d from this monito	ring point dur	ing the month.			
Monitoring Location (EPA Poir	nt 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 month	Min. value	Mean value	Median value	Max. value	
Explanatory Notes								
Monitoring Location (EPA Poir	nt 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 <b>month</b>	Min. value	Mean value	Median value	Max. value	
Explanatory Notes	No surface water	discharge occurre	d from this monito	ring point dur	ing the month.	•		
Monitoring Location (EPA Poir	nt 21)	Please refer to the	map, Kimbriki Mo	onitoring Sites	.pdf, for locati	ion <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	7	278	363	340	525	
Explanatory Notes	(Note 1) μS/cm (	microsiemens per	centimetre)					
Monitoring Location (EPA Poir	nt 22)		Level Flare in the N ng Sites.pdf, for loc			remises. 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	0 (Note 2)	461	470	488	
Explanatory Notes	(Note 2) Zero val 1. Flare was shut restarted remote	down on 12th June	2019 for ~12.5 ho					



Monitoring Period		March 2019 - June 2019 (Quarterly). Surface water sampled 13 June 2019.				
	Groundwater sampled 12 June 2019.					
Date Published	16 July 2019					
EPA Licence No.	13091					
EPA Licence Hyperlink	http://app.epa.nsw.g		/ViewPOEOLicence	.aspx?DOCID=7194		
	5&SYSUID=1&LICID=1	<u>13091</u>				
Licensee Name	KIMBRIKI ENVIRONM	ENTAL ENTERPRIS	ES PTY LIMITED			
Licensee Address	PO BOX 196, Terrey F	lills, NSW 2084				
Monitoring Location (EPA Point 1/11)		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	No flow at this monitor	ing point due to dry	weather.			
Monitoring Location (EPA Point 2)		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		
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)		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	No flow at this monitor	ing point due to dry	weather.			



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		
Explanatory Notes	No flow at this monitor	ing point due to dry	weather.			
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	toring 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	420		
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	8.8		
Faecal Coliforms	org/100 mL (Note 3)	Quarterly	1	790		
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.26		
рН	pН	Quarterly	1	7.9		
Potassium	mg/L (Note 2)	Quarterly	1	3.8		
Redox potential	mV (Note 4)	Quarterly	1	180		
Total dissolved solids	mg/L (Note 2)	Quarterly	1	250		
	Total organic carbon mg/L (Note 2) Quarterly 1 18  (Note 1) μS/cm (microsiemens per centimetre)  (Note 2) mg/L (milligrams 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	450	
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	8.8	
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	91	
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.06	
рН	рН	Quarterly	1	8.8	
Potassium	mg/L (Note 2)	Quarterly	1	8.5	
Redox potential	mV (Note 4)	Quarterly	1	150	
Total dissolved solids	mg/L (Note 2)	Quarterly	1	260	
Total organic carbon	mg/L (Note 2)	Quarterly	1	11	
Explanatory Notes  Monitoring Location (EPA Point 9)	(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	500	
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9.2	
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	650	
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.54	
рН	рН	Quarterly	1	8.3	
Potassium	mg/L (Note 2)	Quarterly	1	11	
Redox potential	mV (Note 4)	Quarterly	1	230	
Total dissolved solids	mg/L (Note 2)	Quarterly	1	260	
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)				



Monitoring Location (EPA Point 10)		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
Conductivity	μS/cm (Note 1)	Quarterly	1	5700
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	6.2
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	>24000
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	260
рН	рН	Quarterly	1	8.1
Potassium	mg/L (Note 2)	Quarterly	1	250
Redox potential	mV (Note 4)	Quarterly	1	250
Total dissolved solids	mg/L (Note 2)	Quarterly	1	2200
Total organic carbon	mg/L (Note 2)	Quarterly	1	430
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)	onitoring Sites.pdf,
Monitoring Location (EPA Point 13)		for location <b>(EPA</b>	<u> </u>	omtoring sites.paj,
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	1300
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	8.9
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	<10
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	18
pH	pH	Quarterly	1	7.7
Potassium	mg/L (Note 2)	Quarterly	1	33
redux potentiai	mV (Note 4)	Quarterly	1	300
Redox potential Total dissolved solids	mV (Note 4) mg/L (Note 2)	Quarterly Quarterly	1	300 620
	mV (Note 4) mg/L (Note 2) mg/L (Note 2)	Quarterly Quarterly Quarterly	_	
Total dissolved solids	mg/L (Note 2)	Quarterly Quarterly iemens per centime ms per litre) plony forming units	1 1 tre)	620
Total dissolved solids Total organic carbon	mg/L (Note 2) mg/L (Note 2) (Note 1) μS/cm (micros (Note 2) mg/L (milligrar (Note 3) org/100 mL (co	Quarterly Quarterly iemens per centime ms per litre) plony forming units	1 1 tre) per 100 millilitres) e map, Kimbriki M	620
Total dissolved solids Total organic carbon  Explanatory Notes	mg/L (Note 2) mg/L (Note 2) (Note 1) μS/cm (micros (Note 2) mg/L (milligrar (Note 3) org/100 mL (co	Quarterly Quarterly iemens per centime ms per litre) plony forming units	1 1 tre) per 100 millilitres) e map, Kimbriki M	620 65



Monitoring Location (EPA Point 15)		Please refer to th for location <b>(EPA</b>	e map, Kimbriki M 1 <b>15)</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	890
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	8.5
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	1400
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	7.2
рН	pН	Quarterly	1	8.0
Potassium	mg/L (Note 2)	Quarterly	1	25
Redox potential	mV (Note 4)	Quarterly	1	260.0
Total dissolved solids	mg/L (Note 2)	Quarterly	1	450
Total organic carbon	mg/L (Note 2)	Quarterly	1	37
Monitoring Location (EPA Point 16)	(Note 4) mV (millivolts)	Please refer to th for location <b>(EPA</b>	e map, Kimbriki M a <b>16)</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	21
Calcium	mg/L (Note 1)	Quarterly	1	2.3
Chloride	mg/L (Note 1)	Quarterly	1	100
Magnesium	mg/L (Note 1)	Quarterly	1	8.5
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.33
pH	pH units	Quarterly	1	6.4
Potassium	mg/L (Note 1)	Quarterly	1	1.3
Sodium	mg/L (Note 1)	Quarterly	1	42
Standing Water Level (TOC)	metres	Quarterly	1	16.93
Standing Water Level (m AHD)	metres	NA	NA	99.48
Sulfate	mg/L (Note 1)	Quarterly	1	<5
Total dissolved solids	mg/L (Note 1)	Quarterly	1	180
Total organic carbon	mg/L (Note 1)	Quarterly	1	20
Explanatory Notes	(Note 1) mg/L (milligran			



Alkalinity (as calcium carbonate)  Calcium  Chloride  Magnesium  Nitrogen (ammonia)  pH  Potassium  Sodium  Standing Water Level (TOC)  Standing Water Level (m AHD)  Sulfate  Total dissolved solids  Total organic carbon  Explanatory Notes  mg/L  (Note 1) n	of measure  (Note 1)	Monitoring frequency required by licence Quarterly NA Quarterly Quarterly Quarterly Please refer to the	No. of times measured during quarter  1  1  1  1  1  1  1  1  NA  1  1  1  1  1  1  1  1  1  1  1  1  1	Value  <20  3.0  98  8.9  0.24  6.4  2.4  44  7.52  62.29  31  210  11
Calcium mg/L Chloride mg/L Magnesium mg/L Nitrogen (ammonia) mg/L pH pt Potassium mg/L Sodium mg/L Standing Water Level (TOC) m Standing Water Level (m AHD) mg/L Total dissolved solids mg/L Total organic carbon mg/L	(Note 1) (Note 1) (Note 1) (Note 1) (Note 1) Hunits (Note 1) (Note 1) netres (Note 1) (Note 1) (Note 1)	Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly ANA Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	1 1 1 1 1 1 1 1 NA 1 1 1 1	3.0 98 8.9 0.24 6.4 2.4 44 7.52 62.29 31 210
Chloride mg/L  Magnesium mg/L  Nitrogen (ammonia) mg/L  pH pH  Potassium mg/L  Sodium mg/L  Standing Water Level (TOC) m  Standing Water Level (m AHD) mg/L  Total dissolved solids mg/L  Explanatory Notes (Note 1) n	(Note 1)	Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly NA Quarterly Quarterly Quarterly Quarterly	1 1 1 1 1 1 1 NA 1 1 1	98 8.9 0.24 6.4 2.4 44 7.52 62.29 31 210
Magnesium mg/L Nitrogen (ammonia) mg/L pH pPotassium mg/L Sodium mg/L Standing Water Level (TOC) m Standing Water Level (m AHD) mg/L Total dissolved solids mg/L Total organic carbon mg/L Explanatory Notes (Note 1) n	(Note 1) (Note 1) H units (Note 1) (Note 1) netres netres (Note 1) (Note 1) (Note 1)	Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly NA Quarterly Quarterly Quarterly Quarterly	1 1 1 1 1 1 NA 1 1 1	8.9 0.24 6.4 2.4 44 7.52 62.29 31 210
Nitrogen (ammonia) mg/L  OH pH  Potassium mg/L  Sodium mg/L  Standing Water Level (TOC) m  Standing Water Level (m AHD) mg/L  Fotal dissolved solids mg/L  Fotal organic carbon mg/L  Explanatory Notes (Note 1) n	(Note 1) H units (Note 1) (Note 1) hetres hetres (Note 1) (Note 1) (Note 1)	Quarterly Quarterly Quarterly Quarterly Quarterly NA Quarterly Quarterly Quarterly Quarterly	1 1 1 1 1 NA 1 1 1	0.24 6.4 2.4 44 7.52 62.29 31 210
pH pH Potassium mg/L Sodium mg/L Standing Water Level (TOC) m Standing Water Level (m AHD) mg/L Sulfate mg/L Total dissolved solids mg/L Total organic carbon mg/L Explanatory Notes (Note 1) n	H units (Note 1) (Note 1) netres netres (Note 1) (Note 1) (Note 1)	Quarterly Quarterly Quarterly Quarterly NA Quarterly Quarterly Quarterly Quarterly	1 1 1 1 NA 1 1 1	6.4 2.4 44 7.52 62.29 31 210
Potassium mg/L Sodium mg/L Standing Water Level (TOC) m Standing Water Level (m AHD) m Sulfate mg/L Total dissolved solids mg/L Total organic carbon mg/L Explanatory Notes (Note 1) n	(Note 1) (Note 1) netres netres (Note 1) (Note 1) (Note 1)	Quarterly Quarterly Quarterly NA Quarterly Quarterly Quarterly quarterly	1 1 1 NA 1 1 1	2.4 44 7.52 62.29 31 210
Sodium mg/L Standing Water Level (TOC) m Standing Water Level (m AHD) m Sulfate mg/L Total dissolved solids mg/L Total organic carbon mg/L Explanatory Notes (Note 1) n	(Note 1) netres netres (Note 1) (Note 1) (Note 1)	Quarterly Quarterly NA Quarterly Quarterly Quarterly quarterly	1 1 NA 1 1	44 7.52 62.29 31 210
Standing Water Level (TOC)  Standing Water Level (m AHD)  Sulfate  Fotal dissolved solids  Fotal organic carbon  Explanatory Notes  mg/L  (Note 1) n	netres netres (Note 1) (Note 1) (Note 1)	Quarterly NA Quarterly Quarterly Quarterly uns per litre)	1 NA 1 1	7.52 62.29 31 210
Standing Water Level (m AHD)  Sulfate mg/L  Total dissolved solids mg/L  Total organic carbon mg/L  Explanatory Notes (Note 1) n	(Note 1) (Note 1) (Note 1)	NA Quarterly Quarterly Quarterly ms per litre)	NA 1 1 1	62.29 31 210
Sulfate mg/L Total dissolved solids mg/L Total organic carbon mg/L Explanatory Notes (Note 1) n	(Note 1) (Note 1) (Note 1)	Quarterly Quarterly Quarterly ms per litre)	1 1	31 210
Total dissolved solids mg/L Total organic carbon mg/L Explanatory Notes (Note 1) n	(Note 1) (Note 1)	Quarterly Quarterly ms per litre)	1	210
Total organic carbon mg/L  Explanatory Notes (Note 1) n	. (Note 1)	Quarterly ms per litre)	1	
Explanatory Notes (Note 1) n		ms per litre)	1	11
	ng/L (milligra			
		for location (EPA Monitoring	No. of times	
Pollutant Units o	of measure	frequency required by licence	measured during quarter	Value
Alkalinity (as calcium carbonate) mg/L	(Note 1)	Quarterly	1	470
Calcium mg/L	(Note 1)	Quarterly	1	21
Chloride mg/L	(Note 1)	Quarterly	1	310
Magnesium mg/L	. (Note 1)	Quarterly	1	44
Nitrogen (ammonia) mg/L	. (Note 1)	Quarterly	1	47
•	l units	Quarterly	1	7.3
	(Note 1)	Quarterly	1	62
	. (Note 1)	Quarterly	1	210
Standing Water Level (TOC) m	netres	Quarterly	1	14.31
Standing Water Level (m AHD) m	netres	NA	NA	81.07
Sulfate mg/L	(Note 1)	Quarterly	1	56
Total dissolved solids mg/L	. (Note 1)	Quarterly	1	2000
Total organic carbon mg/L	/NI=+ - 41	Quarterly	1	130



Monitoring Location (EPA Point 19)		Please refer to the for location <b>(EP)</b>	ne map, Kimbriki Ma <b>119)</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	510
Calcium	mg/L (Note 1)	Quarterly	1	66
Chloride	mg/L (Note 1)	Quarterly	1	270
Magnesium	mg/L (Note 1)	Quarterly	1	34
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	23
ЭН	pH units	Quarterly	1	6.7
Potassium	mg/L (Note 1)	Quarterly	1	70
Sodium	mg/L (Note 1)	Quarterly	1	180
Standing Water Level (TOC)	metres	Quarterly	1	4.14
Standing Water Level (m AHD)	metres	NA	NA	60.94
Sulfate	mg/L (Note 1)	Quarterly	1	<5
Fotal dissolved solids	mg/L (Note 1)	Quarterly	1	1700
Total organic carbon	mg/L (Note 1)	Quarterly	1	150
Monitoring Location (EPA Point 20)		_	ne map, Kimbriki Mo	onitoring Sites.pdf
Monitoring Location (EPA Point 20)		for location <b>(EP)</b>	1 20)	onitoring Sites.pdf
Monitoring Location (EPA Point 20)  Pollutant	Units of measure	_	<u>-</u>	onitoring Sites.pdj Value
Pollutant	Units of measure mg/L (Note 1)	for location (EPA Monitoring frequency required by	No. of times measured during	
Pollutant Alkalinity (as calcium carbonate)		for location (EPA Monitoring frequency required by licence	No. of times measured during quarter	Value
Pollutant  Alkalinity (as calcium carbonate)  Calcium	mg/L (Note 1)	Monitoring frequency required by licence	No. of times measured during quarter	Value <20
Pollutant  Alkalinity (as calcium carbonate)  Calcium  Chloride	mg/L (Note 1)	Monitoring frequency required by licence  Quarterly  Quarterly	No. of times measured during quarter  1	Value <20
Pollutant  Alkalinity (as calcium carbonate)  Calcium  Chloride  Magnesium	mg/L (Note 1) mg/L (Note 1) mg/L (Note 1)	Monitoring frequency required by licence  Quarterly  Quarterly  Quarterly	No. of times measured during quarter  1 1 1	Value <20 2.3 53
Pollutant  Alkalinity (as calcium carbonate)  Calcium  Chloride  Magnesium  Nitrogen (ammonia)	mg/L (Note 1)  mg/L (Note 1)  mg/L (Note 1)  mg/L (Note 1)	Monitoring frequency required by licence  Quarterly  Quarterly  Quarterly  Quarterly	No. of times measured during quarter  1  1  1  1  1	Value <20 2.3 53 4.6
Pollutant  Alkalinity (as calcium carbonate)  Calcium  Chloride  Magnesium  Nitrogen (ammonia)	mg/L (Note 1)	Monitoring frequency required by licence  Quarterly  Quarterly  Quarterly  Quarterly  Quarterly  Quarterly  Quarterly	No. of times measured during quarter  1  1  1  1  1  1	Value <20 2.3 53 4.6 0.16
Pollutant  Alkalinity (as calcium carbonate)  Calcium  Chloride  Magnesium  Nitrogen (ammonia)  OH  Potassium	mg/L (Note 1)  pH units	Monitoring frequency required by licence  Quarterly  Quarterly  Quarterly  Quarterly  Quarterly  Quarterly  Quarterly  Quarterly  Quarterly	No. of times measured during quarter  1  1  1  1  1  1  1	<20 2.3 53 4.6 0.16 6.6
Pollutant  Alkalinity (as calcium carbonate)  Calcium  Chloride  Magnesium  Nitrogen (ammonia)  DH  Potassium  Sodium	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	<20 2.3 53 4.6 0.16 6.6 1.1
Pollutant  Alkalinity (as calcium carbonate)  Calcium Chloride  Magnesium Nitrogen (ammonia) pH Potassium Sodium Standing Water Level (TOC)	mg/L (Note 1)  pH units  mg/L (Note 1)  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	<20 2.3 53 4.6 0.16 6.6 1.1 23
	mg/L (Note 1)  pH units  mg/L (Note 1)  mg/L (Note 1)  mg/L (Note 1)  mg/L (Note 1)  metres	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  2.3  53  4.6  0.16  6.6  1.1  23  21.43
Pollutant  Alkalinity (as calcium carbonate)  Calcium Chloride Magnesium Nitrogen (ammonia) DH Potassium Sodium Standing Water Level (TOC) Standing Water Level (m AHD) Sulfate	mg/L (Note 1)  pH units  mg/L (Note 1)  mg/L (Note 1)  mg/L (Note 1)  mg/L (Note 1)  metres  metres	Monitoring frequency required by licence  Quarterly  Analy	No. of times measured during quarter  1  1  1  1  1  1  1  1  1  1  NA	Value  <20  2.3  53  4.6  0.16  6.6  1.1  23  21.43  100.20
Pollutant  Alkalinity (as calcium carbonate)  Calcium Chloride  Magnesium Nitrogen (ammonia) pH Potassium Sodium Standing Water Level (TOC) Standing Water Level (m AHD)	mg/L (Note 1)  pH units  mg/L (Note 1)  mg/L (Note 1)  mg/L (Note 1)  metres  metres  mg/L (Note 1)	Monitoring frequency required by licence  Quarterly  Quarterly	No. of times measured during quarter  1  1  1  1  1  1  1  1  NA  1  NA	Value  <20  2.3  53  4.6  0.16  6.6  1.1  23  21.43  100.20  <5



Monitoring Location (EPA Point 21)		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
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	1	<5
Explanatory Notes	(Note 1) mg/L (milligran (Note 2) Special Freque		d on the first day of	discharge