

#### **EPA Monitoring Data Summary**



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 The information and data in this table must not be published elsewhere by any means without prior written consent from Kimbriki Environmental Enterprises.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

Monitoring Period	Mar-24	Mar-24					
Date Published	14 April 202	14 April 2024					
EPA Licence No.	13091						
EPA Licence Hyperlink	https://app.e	epa.nsw.gov.a	u/prpoeoapp/\	/iewPOEO	Licence.as	px?DOCID:	=211659&S
	YSUID=1&L	ICID=13091				-	
Licensee Name		NVIRONMEN		RISES PT	Y LIMITED		
Licensee Address	PO BOX 19	6, Terrey Hills	, NSW 2084				
Monitoring Location (EPA P	oint 1)	Please refer to th	ne map, Kimbriki	Monitoring S	ites.pdf, for lo	ocation (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	Non- compliances (yes/no)
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	1	2	2	20	No
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	1	0.06	0.06	1	No
рН	pН	Daily during any discharge	1	7.44	7.44	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 liti al Frequency 1 - 0		the first day c	of discharge		
Monitoring Location (EPA P	oint 2)	Please refer to th	ne map, Kimbriki	Monitoring S	ites.pdf, for lo	ocation (EPA	2)
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>month</b>	Min. value	Max. value	100 percentile limit	Non- compliances (yes/no)
Explanatory Notes	No surface wa	ter discharge occ	urred from this m	onitoring poir	nt during the r	nonth.	



#### **EPA Monitoring Data Summary**



Monitoring Location (EPA Po	oint 3)	Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 3)			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	Non- compliances (yes/no)
Explanatory Notes	No surface wa	No surface water discharge occurred from this monitoring point during the month.					
Monitoring Location (EPA Po	oint 21)	Please refer to th	ne map, Kimbriki	Monitoring S	ites.pdf, for lo	ocation (EPA	21)
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>month</b>	Min. value	Max. value	100 percentile limit	Non- compliances (yes/no)
Explanatory Notes	No surface wa	ter discharge occ	urred from this m	onitoring poir	nt during the r	nonth.	
Monitoring Location (EPA Po	oint 22)	Enclosed Ground to the map, Kimb	d Level Flare in th oriki Monitoring Si				Please refer
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)	Non- compliances (yes/no)
Residence Time	seconds	Continuous	Continuous	1.0	1.3	0.6	no
Temperature	°C (Note 1)	Continuous	Continuous	772.7	813.3	760	no
Explanatory Notes	' '	egrees Celsius) arameter value m	ust <b>be greater ti</b>	nan the Lowe	er Limit specif	ied	



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

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Monitoring Period	Mar-24	Mar-24					
Date Published	4 April 2024	4 April 2024					
EPA Licence No.	13091						
EPA Licence	https://app.e	pa.nsw.gov.au	/prpoeoapp/Vi	ewPOEOL	icence.asp	x?DOCID=	211659&SYSU
Hyperlink	ID=1&LICID						
Licensee Name	KIMBRIKI EI	VVIRONMENT	AL ENTERPR	RISES PTY	LIMITED		
Licensee Address	PO BOX 196	i, Terrey Hills,	NSW 2084				
Monitoring Location (EPA P	oint 1)	Please refer to th	he map, Kimbriki	Monitoring S	ites.pdf, for l	ocation (EPA	l 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
Conductivity	μS/cm (Note 1)	Daily during any discharge	1	296	296	296	296
Explanatory Notes	(Note 1) µS/cm	(microsiemens p	er centimetre)				
Monitoring Location (EPA P	oint 2)	Please refer to the	he map, Kimbriki	Monitoring S	ites.pdf, for l	ocation (EPA	1 2)
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	er discnarge occu	rrea from this mo	nitoring poin	t auring the m	iontn.	
Monitoring Location (EPA P	oint 3)	Please refer to th	he map, Kimbriki	Monitoring S	ites.pdf, for l	ocation (EPA	l <i>3)</i>
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 surrace wat	er discharge occu	rred from this mo	onitoring poin	t auring the m	nontn.	
Monitoring Location (EPA P	oint 21)	Please refer to th	he map, Kimbriki	Monitoring S	ites.pdf, for l	ocation (EPA	1 21)
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>month</b>		Mean value	Median value	Max. value
Explanatory Notes	No surface water	er discharge occu	rred from this mo	onitoring poin	t auring the m	nontn.	

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

Monitoring Location (EPA P	oint 22)	Enclosed Ground Level Flare in the North-Eastern corner of the Premises. Please refethe map, Kimbriki Monitoring Sites.pdf, for location (EPA 22)			s. Please refer to		
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)	294.9	303.0	378.0
	(Note 2) Zero va 1. Flare was shi restarted remoti 2. Flare was shi remotely. 3. Flare was shi remotely. 4. Flare was shi flare was restar	ut down on 11th Nely the next morn ut down on 14th Nut down on 17th Nut down on 25th Nut down on 27th Nut do	March 2024 for 6 ing. March 2024 for 4 March 2024 for 2.	minutes due 5 hours due t 9.5 hours due	to flame failuito flame failure to onsite wo	re. The flare ver. The flare ver.	was restarted vas restarted ad power lines. The

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Monitoring Period	December 2023 - March 2024 (Quarterly) + March 2023 - March 2024 (Yearly). Surface water sampled 11 March 2024. Groundwater sampled 12 March 2024.				
Date Published	14 April 2024				
EPA Licence No.	13091				
EPA Licence Hyperlink	https://app.epa.nsw.o			ence.aspx?DOCI	
	D=211659&SYSUID	=1&LICID=1309	<u>1</u>		
Licensee Name	KIMBRIKI ENVIRON	MENTAL ENTE	RPRISES PTY L	IMITED	
Licensee Address	PO BOX 196, Terrey	Hills, NSW 2084	4		
Monitoring Location (E	Please refer to the man Kimhriki Monitoring				
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>quarter/year</b>	Value	
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	1	2	
Conductivity	μS/cm (Note 3)	Quarterly	1	327	
Dissolved Oxygen	mg/L (Note 1)	Quarterly	1	7.45	
Faecal Coliforms	org/100 mL (Note 4)	Quarterly	1	~71	
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.06	
pН	рН	Quarterly	1	8.05	
Potassium	mg/L (Note 1)	Quarterly	1	6.8	
Redox potential	mV (Note 5)	Quarterly	1	121.0	
Total dissolved solids	mg/L (Note 1)	Quarterly	1	213	
Total organic carbon	mg/L (Note 1)	Quarterly	1	10.2	
(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)					





Ill/lonitoring Location (FPA 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 <b>quarter/year</b>	Value
Explanatory Notes	Sample could not be co	ollected as there w	as no flow at this lo	ocation.
Monitoring Location (EPA Point 3/12)			the map, Kimbrik cation <b>(EPA 3/12</b>	_
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter/year	Value
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	1	3
Conductivity	μS/cm (Note 3)	Quarterly	1	311
Dissolved Oxygen	mg/L (Note 1)	Quarterly	1	7.98
Faecal Coliforms	org/100 mL (Note 4)	Quarterly	1	53
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.02
pН	рН	Quarterly	1	8.05
Potassium	mg/L (Note 1)	Quarterly	1	7
Redox potential	mV (Note 5)	Quarterly	1	121.0
Total dissolved solids	mg/L (Note 1)	Quarterly	1	203
Total organic carbon	mg/L (Note 1)	Quarterly	1	8.9
(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 4) Leachate Holding Riser - no discharge from site.		Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 4)			
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>quarter/year</b>	Value	
Alkalinity (as calcium carbonate)	mg/L (Note 1)	yearly	1	421	
Aluminium	mg/L (Note 1)	yearly	1	0.031	
Arsenic	mg/L (Note 1)	yearly	1	0.0045	
Barium	mg/L (Note 1)	yearly	1	0.7600	
Benzene	mg/L (Note 1)	yearly	1	<0.002	
Cadmium	mg/L (Note 1)	yearly	1	<0.0001	
Calcium	mg/L (Note 1)	yearly	1	134	
Chloride	mg/L (Note 1)	yearly	1	350	
Chromium (hexavalent)	mg/L (Note 1)	yearly	1	<0.004	
Chromium (total)	mg/L (Note 1)	yearly	1	0.0173	
Cobalt	mg/L (Note 1)	yearly	1	0.0042	
Conductivity	μS/cm (Note 2)	yearly	1	4033	
Copper	mg/L (Note 1)	yearly	1	<0.0005	
Ethylbenzene	mg/L (Note 1)	yearly	1	<0.002	
Fluoride	mg/L (Note 1)	yearly	1	0.20	
Lead	mg/L (Note 1)	yearly	1	0.0001	
Magnesium	mg/L (Note 1)	yearly	1	45.7	
Manganese	mg/L (Note 1)	yearly	1	0.183	
Mercury	mg/L (Note 1)	yearly	1	<0.0003	
Nitrate + Nitrite (oxidised nitrogen)	mg/L (Note 1)	yearly	1	0.04	
Nitrogen (Ammonia)	mg/L (Note 1)	yearly	1	260	
Organochlorine pesticides	mg/L (Note 1)	yearly	1	<0.0001	
Organophosphate pesticides	mg/L (Note 1)	yearly	1	<0.0025	
рН	pH units	yearly	1	7	
Phosphorus (total)	mg/L (Note 1)	yearly	1	0.27	





Polycyclic aromatic hydrocarbons	mg/L (Note 1)	yearly	1	<0.001			
Potassium	mg/L (Note 1)	yearly	1	140			
Sodium	mg/L (Note 1)	yearly	1	268			
Standing Water Level (m below TOC)	metres	yearly	1	In situ			
Standing Water Level (m AHD)	metres	yearly	1	In situ			
Sulphate	mg/L (Note 1)	yearly	1	0.71			
Toluene	mg/L (Note 1)	yearly	1	<0.001			
Total Dissolved Solids - TDS	mg/L (Note 1)	yearly	1	1752			
Total Organic Carbon - TOC	mg/L (Note 1)	yearly	1	133.5			
Total Petroleum Hydrocarbons	mg/L (Note 1)	yearly	1	0.40			
Total Phenolics	mg/L (Note 1)	yearly	1	<0.2			
Total Suspended Solids	mg/L (Note 1)	yearly	1	56			
Xylene	mg/L (Note 1)	yearly	1	<0.002			
Zinc	mg/L (Note 1)	yearly	1	0.002			
Explanatory Notes	(Note 1) mg/L (milligrar (Note 2) µS/cm (micros		netre)				
Monitoring Location (El	PA Point 7)	Please refer to a Sites.pdf, for lo	the map, Kimbriki cation <b>(EPA 7)</b>	i Monitoring			
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>quarter/year</b>	Value			
Conductivity	μS/cm (Note 1)	Quarterly	1	602			
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	8.85			
Faecal Coliforms	org/100 mL (Note 3)	Quarterly	1	270			
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.06			
pH	pH	Quarterly	1	7.97			
Potassium	mg/L (Note 2)	Quarterly	1	7.1			
Redox potential	mV (Note 4)	Quarterly	1	156			
Total dissolved solids	mg/L (Note 2)	Quarterly	1	253			
Total organic carbon	mg/L (Note 2)		1	5.4			
Explanatory Notes	(Note 2) mg/L (milligrar (Note 3) org/100 mL (co	ns per litre) olony forming units	(Note 1) µS/cm (microsiemens per centimetre)				





Monitoring Location (E	PA Point 8)	Please refer to t Sites.pdf, for loc	the map, Kimbrik cation <b>(EPA 8)</b>	i Monitoring
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>quarter/year</b>	Value
Conductivity	μS/cm (Note 1)	Quarterly	1	426
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	8.61
Faecal Coliforms	org/100 mL (Note 3)	Quarterly	1	450
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.01
рН	рН	Quarterly	1	8
Potassium	mg/L (Note 2)	Quarterly	1	7.2
Redox potential	mV (Note 4)	Quarterly	1	136.0
Total dissolved solids	mg/L (Note 2)	Quarterly	1	253
Total organic carbon	mg/L (Note 2)	Quarterly	1	5.1
Explanatory Notes  Monitoring Location (E	(Note 3) org/100 mL (c (Note 4) mV (millivolts) PA Point 9)	, , , , , , , , , , , , , , , , , , ,	the map, Kimbrik	
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>quarter/year</b>	Value
Conductivity	μS/cm (Note 1)	Quarterly	1	420
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	7.98
Faecal Coliforms	org/100 mL (Note 3)	Quarterly	1	~46
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.03
рН	рН	Quarterly	1	7.95
Potassium	mg/L (Note 2)	Quarterly	1	7.1
Redox potential	mg/L (Note 2) mV (Note 4)	Quarterly Quarterly	1	7.1 123.0
	,	•		
Redox potential	mV (Note 4)	Quarterly	1	123.0





Monitoring Location (E	PA Point 10)		the map, Kimbrik cation <b>(EPA 10)</b>	i Monitoring
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>quarter/year</b>	Value
Conductivity	μS/cm (Note 1)	Quarterly	1	3460
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	7.65
Faecal Coliforms	org/100 mL (Note 3)	Quarterly	1	~350
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	162
рН	рН	Quarterly	1	8.0
Potassium	mg/L (Note 2)	Quarterly	1	198.0
Redox potential	mV (Note 4)	Quarterly	1	76.0
Total dissolved solids	mg/L (Note 2)	Quarterly	1	1816
Total organic carbon	mg/L (Note 2)	Quarterly	1	145.8
(Note 2) mg/E (minigrams per litter) (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)				
Monitoring Location (E	PA Point 13)			i Monitoring
Monitoring Location (E  Pollutant	PA Point 13) Units of measure	Sites.pdf, for local Monitoring frequency required by	No. of times measured during	<i>i Monitoring</i> Value
Pollutant	Units of measure	Sites.pdf, for local Monitoring frequency required by licence	No. of times measured	Value
Pollutant Conductivity	Units of measure  µS/cm (Note 1)	Sites.pdf, for local Monitoring frequency required by licence Quarterly	No. of times measured during quarter/year	Value 469
Pollutant  Conductivity  Dissolved Oxygen	Units of measure  µS/cm (Note 1)  mg/L (Note 2)	Monitoring frequency required by licence  Quarterly  Quarterly	No. of times measured during quarter/year	Value 469 8.72
Pollutant  Conductivity  Dissolved Oxygen  Faecal Coliforms	Units of measure  µS/cm (Note 1)	Sites.pdf, for local Monitoring frequency required by licence Quarterly	No. of times measured during quarter/year	Value 469
Pollutant  Conductivity  Dissolved Oxygen  Faecal Coliforms  Nitrogen (ammonia)	Units of measure  µS/cm (Note 1)  mg/L (Note 2)  org/100 mL (Note 3)  mg/L (Note 2)	Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly	No. of times measured during quarter/year  1 1 1 1	Value  469 8.72 ~120 4.76
Pollutant  Conductivity  Dissolved Oxygen  Faecal Coliforms  Nitrogen (ammonia) pH	Units of measure  μS/cm (Note 1)  mg/L (Note 2)  org/100 mL (Note 3)  mg/L (Note 2)  pH	Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	No. of times measured during quarter/year  1 1 1 1	Value  469 8.72 ~120 4.76 7.2
Pollutant  Conductivity  Dissolved Oxygen  Faecal Coliforms  Nitrogen (ammonia)  pH  Potassium	Units of measure  µS/cm (Note 1)  mg/L (Note 2)  org/100 mL (Note 3)  mg/L (Note 2)  pH  mg/L (Note 2)	Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	No. of times measured during quarter/year  1 1 1 1 1 1	Value  469 8.72 ~120 4.76 7.2 12
Pollutant  Conductivity Dissolved Oxygen Faecal Coliforms Nitrogen (ammonia) pH Potassium Redox potential	Units of measure  μS/cm (Note 1)  mg/L (Note 2)  org/100 mL (Note 3)  mg/L (Note 2)  pH	Monitoring frequency required by licence Quarterly	No. of times measured during quarter/year  1 1 1 1	Value  469 8.72 ~120 4.76 7.2 12 10.0
Pollutant  Conductivity  Dissolved Oxygen  Faecal Coliforms  Nitrogen (ammonia)  pH  Potassium	Units of measure  µS/cm (Note 1)  mg/L (Note 2)  org/100 mL (Note 3)  mg/L (Note 2)  pH  mg/L (Note 2)	Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	No. of times measured during quarter/year  1 1 1 1 1 1	Value  469 8.72 ~120 4.76 7.2 12
Pollutant  Conductivity Dissolved Oxygen Faecal Coliforms Nitrogen (ammonia) pH Potassium Redox potential	Units of measure  µS/cm (Note 1)  mg/L (Note 2)  org/100 mL (Note 3)  mg/L (Note 2)  pH  mg/L (Note 2)  mV (Note 4)	Monitoring frequency required by licence Quarterly	No. of times measured during quarter/year  1 1 1 1 1 1 1 1	Value  469 8.72 ~120 4.76 7.2 12 10.0





Monitoring Location (E	PA Point 14)		the map, Kimbrik cation <b>(EPA 14)</b>	i Monitoring		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter/year	Value		
Explanatory Notes	Sample could not be co	ollected as there w	as no flow at this lo	ocation.		
Monitoring Location (E	PA 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 <b>quarter/year</b>	Value		
Conductivity	μS/cm (Note 1)	Quarterly	1	461		
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	8.66		
Faecal Coliforms	org/100 mL (Note 3)	Quarterly	1	50		
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	4.36		
рН	рН	Quarterly	1	7.14		
Potassium	mg/L (Note 2)	Quarterly	1	12.4		
Redox potential	mV (Note 4)	Quarterly	1	15		
Total dissolved solids	mg/L (Note 2)	Quarterly	1	275		
Total organic carbon	mg/L (Note 2)	Quarterly	1	15.9		
Explanatory Notes	(Note 1) μS/cm (micros (Note 2) mg/L (milligral (Note 3) org/100 mL (c (Note 4) mV (millivolts)	ms per litre) olony forming units	•			
Monitoring Location (E	PA Point 17)		the map, Kimbrik cation <b>(EPA 17)</b>	i Monitoring		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>quarter/year</b>	Value		
Alkalinity (as calcium carbonate)	mg/L (Note 1)	Quarterly	1	54		
Aluminium	mg/L (Note 1)	Yearly	1	18.70		
Arsenic	mg/L (Note 1)	Yearly	1	0.0035		
Barium	mg/L (Note 1)	Yearly	1	0.139		
Benzene	mg/L (Note 1)	Yearly	1	<0.002		
Cadmium	mg/L (Note 1)	Yearly	1	0.0003		
Calcium	mg/L (Note 1)	Quarterly	1	2.30		
Chloride	mg/L (Note 1)	Quarterly	1	80.00		
Chromium (hexavalent)	mg/L (Note 1)	Yearly	1	<0.004		





Chromium (total)	mg/L (Note 1)	Yearly	1	0.0346
Cobalt	mg/L (Note 1)	Yearly	1	0.0155
Copper	mg/L (Note 1)	Yearly	1	0.0393
Ethylbenzene	mg/L (Note 1)	Yearly	1	<0.002
Fluoride	mg/L (Note 1)	Yearly	1	<0.10
Lead	mg/L (Note 1)	Yearly	1	0.124
Magnesium	mg/L (Note 1)	Quarterly	1	8.56
Manganese	mg/L (Note 1)	Yearly	1	0.858
Mercury	mg/L (Note 1)	Yearly	1	0.00005
Nitrate + Nitrite	mg/L (Note 1)	Yearly	1	<0.01
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.27
Organochlorine pesticides	mg/L (Note 1)	Yearly	1	<0.0001
Organophosphate pesticides	mg/L (Note 1)	Yearly	1	<0.0025





рН	pH units	Quarterly	1	5.90
Polycyclic Aromatic	mg/L (Note 1)	Yearly	1	<0.001
Hydrocarbons	, ,			
Potassium	mg/L (Note 1)	Quarterly	1	2.60
Sodium	mg/L (Note 1)	Quarterly	1	45.20
Standing Water Level	metres	Quarterly	1	7.69
(TOC)	metres	Quarterly	'	7.09
Standing Water Level	metres	Quarterly	1	61.9
(m AHD)				
Sulfate	mg/L (Note 1)	Quarterly	1	17.00
Toluene	mg/L (Note 1)	Yearly	1	<0.001
Total dissolved solids	mg/L (Note 1)	Quarterly	1	221.00
		-		
Total organic carbon	mg/L (Note 1)	Quarterly	1	6.00
Total Petroleum	mg/L (Note 1)	Yearly	1	0.04
Hydrocarbons				
Total Phenolics	mg/L (Note 1)	Yearly	1	<1
Xylene	mg/L (Note 1)	Yearly	1	<0.002
Zinc	mg/L (Note 1)	Yearly	1	0.360
	(Note 1) mg/L (milligra	me nor litro)		
Explanatory Notes  Monitoring Location (5)		. ,	the map, Kimbriki	Monitoring
Explanatory Notes  Monitoring Location (El		Please refer to Sites.pdf, for lo	cation (EPA 19)	Monitoring
		Please refer to Sites.pdf, for lo	No. of times	Monitoring
		Please refer to Sites.pdf, for lo  Monitoring frequency	No. of times measured	Monitoring Value
Monitoring Location <b>(E</b> l	PA Point 19)	Please refer to a Sites.pdf, for lo Monitoring frequency required by	No. of times measured during	
Monitoring Location <b>(E</b> l	PA Point 19) Units of measure	Please refer to a Sites.pdf, for lo Monitoring frequency required by licence	No. of times measured during quarter/year	Value
Monitoring Location <b>(E</b> l  Pollutant  Alkalinity (as calcium	PA Point 19)	Please refer to a Sites.pdf, for lo Monitoring frequency required by	No. of times measured during	
Monitoring Location (El Pollutant Alkalinity (as calcium carbonate)	Units of measure	Please refer to Sites.pdf, for lo  Monitoring frequency required by licence  Quarterly	No. of times measured during quarter/year	Value 463
Monitoring Location (El Pollutant  Alkalinity (as calcium carbonate)  Aluminium	Units of measure  mg/L (Note 1)  mg/L (Note 1)	Please refer to a Sites.pdf, for lo Monitoring frequency required by licence Quarterly	No. of times measured during quarter/year	Value 463 0.729
Monitoring Location (El Pollutant  Alkalinity (as calcium carbonate)  Aluminium  Arsenic	Units of measure  mg/L (Note 1)  mg/L (Note 1)  mg/L (Note 1)	Please refer to a Sites.pdf, for lo Monitoring frequency required by licence Quarterly  Yearly Yearly	No. of times measured during quarter/year  1  1	Value 463 0.729 0.0051
Monitoring Location (El Pollutant  Alkalinity (as calcium carbonate)  Aluminium Arsenic Barium	PA Point 19)  Units of measure  mg/L (Note 1)  mg/L (Note 1)  mg/L (Note 1)  mg/L (Note 1)	Please refer to Sites.pdf, for lo  Monitoring frequency required by licence Quarterly  Yearly Yearly Yearly	No. of times measured during quarter/year	Value 463 0.729
Monitoring Location (El Pollutant  Alkalinity (as calcium carbonate)  Aluminium  Arsenic  Barium  Benzene	PA Point 19)  Units of measure  mg/L (Note 1)	Please refer to Sites.pdf, for lo Monitoring frequency required by licence Quarterly  Yearly Yearly Yearly Yearly Yearly	No. of times measured during quarter/year  1  1  1	Value  463  0.729  0.0051  0.312
Pollutant  Alkalinity (as calcium carbonate)  Aluminium  Arsenic  Barium  Benzene  Cadmium	PA Point 19)  Units of measure  mg/L (Note 1)	Please refer to Sites.pdf, for lo  Monitoring frequency required by licence Quarterly  Yearly Yearly Yearly	No. of times measured during quarter/year  1  1  1  1  1	Value  463  0.729  0.0051  0.312  <0.002
Monitoring Location (El Pollutant  Alkalinity (as calcium carbonate) Aluminium Arsenic Barium Benzene Cadmium Calcium	PA Point 19)  Units of measure  mg/L (Note 1)	Please refer to a Sites.pdf, for lo Monitoring frequency required by licence Quarterly  Yearly Yearly Yearly Yearly Yearly Yearly Yearly Yearly	No. of times measured during quarter/year  1  1  1  1  1  1	Value  463  0.729  0.0051  0.312  <0.002  <0.0001
Pollutant  Alkalinity (as calcium carbonate) Aluminium Arsenic Barium Benzene Cadmium Calcium Chloride Chromium	PA Point 19)  Units of measure  mg/L (Note 1)	Please refer to a Sites.pdf, for lo Monitoring frequency required by licence Quarterly  Yearly Yearly Yearly Yearly Yearly Yearly Yearly Quarterly	No. of times measured during quarter/year  1  1  1  1  1  1  1  1	Value  463  0.729  0.0051  0.312  <0.002  <0.0001  54.90
Pollutant  Alkalinity (as calcium carbonate) Aluminium Arsenic Barium Benzene Cadmium Calcium Chloride Chromium	PA Point 19)  Units of measure  mg/L (Note 1)	Please refer to a Sites.pdf, for lo Sites.pdf, for lo Monitoring frequency required by licence Quarterly  Yearly  Yearly  Yearly  Yearly  Yearly  Yearly  Yearly  Quarterly  Quarterly	No. of times measured during quarter/year  1  1  1  1  1  1  1  1  1	Value  463  0.729  0.0051  0.312  <0.002  <0.0001  54.90  220.00
Monitoring Location <b>(E</b> l	PA Point 19)  Units of measure  mg/L (Note 1)	Please refer to a Sites.pdf, for lo Sites.pdf, for lo Monitoring frequency required by licence Quarterly  Yearly  Yearly  Yearly  Yearly  Yearly  Yearly  Yearly  Quarterly  Quarterly	No. of times measured during quarter/year  1  1  1  1  1  1  1  1  1	Value  463  0.729  0.0051  0.312  <0.002  <0.0001  54.90  220.00
Pollutant  Alkalinity (as calcium carbonate) Aluminium Arsenic Barium Benzene Cadmium Calcium Chloride Chromium (hexavalent) Chromium (total)	PA Point 19)  Units of measure  mg/L (Note 1)	Please refer to a Sites.pdf, for lo Monitoring frequency required by licence Quarterly  Yearly Yearly Yearly Yearly Yearly Yearly Quarterly Quarterly Quarterly Yearly	No. of times measured during quarter/year  1  1  1  1  1  1  1  1  1  1  1	Value  463  0.729  0.0051  0.312  <0.002  <0.0001  54.90  220.00  <0.004
Pollutant  Alkalinity (as calcium carbonate) Aluminium Arsenic Barium Benzene Cadmium Calcium Chloride Chromium (hexavalent) Chromium (total) Cobalt	PA Point 19)  Units of measure  mg/L (Note 1)	Please refer to a Sites.pdf, for lo Monitoring frequency required by licence Quarterly Yearly Yearly Yearly Yearly Yearly Quarterly Quarterly Quarterly Yearly Yearly	No. of times measured during quarter/year  1  1  1  1  1  1  1  1  1  1  1  1  1	Value  463  0.729  0.0051  0.312  <0.002  <0.0001  54.90  220.00  <0.004  0.0359
Pollutant  Alkalinity (as calcium carbonate) Aluminium Arsenic Barium Benzene Cadmium Calcium Chloride Chromium (hexavalent) Chromium (total) Cobalt Copper	PA Point 19)  Units of measure  mg/L (Note 1)	Please refer to a Sites.pdf, for lo Sites.pdf, for lo Monitoring frequency required by licence Quarterly Yearly Yearly Yearly Yearly Yearly Quarterly Quarterly Yearly Yearly Yearly Yearly Yearly Yearly Yearly	No. of times measured during quarter/year  1  1  1  1  1  1  1  1  1  1  1  1  1	Value  463  0.729  0.0051  0.312  <0.002  <0.0001  54.90  220.00  <0.004  0.0359  0.0065
Pollutant  Alkalinity (as calcium carbonate) Aluminium Arsenic Barium Benzene Cadmium Calcium Chloride Chromium (hexavalent) Chromium (total) Cobalt	PA Point 19)  Units of measure  mg/L (Note 1)	Please refer to a Sites.pdf, for lo Monitoring frequency required by licence Quarterly Yearly Yearly Yearly Yearly Yearly Quarterly Quarterly Quarterly Yearly Yearly	No. of times measured during quarter/year  1  1  1  1  1  1  1  1  1  1  1  1  1	Value  463  0.729  0.0051  0.312 <0.002 <0.0001  54.90  220.00 <0.004  0.0359  0.0065  0.0089
Pollutant  Alkalinity (as calcium carbonate) Aluminium Arsenic Barium Benzene Cadmium Chloride Chromium (hexavalent) Chromium (total) Cobalt Copper Ethylbenzene	mg/L (Note 1)	Please refer to a Sites.pdf, for lo Sites.pdf, for lo Monitoring frequency required by licence Quarterly Yearly Yearly Yearly Yearly Yearly Quarterly Quarterly Yearly	No. of times measured during quarter/year  1  1  1  1  1  1  1  1  1  1  1  1  1	Value  463  0.729  0.0051  0.312 <0.002 <0.0001  54.90  220.00 <0.004  0.0359  0.0065  0.0089 <0.002





Magnesium	mg/L (Note 1)	Quarterly	1	28.60
Manganese	mg/L (Note 1)	Yearly	1	0.781
Mercury	mg/L (Note 1)	Yearly	1	<0.00001
Nitrate + Nitrite	mg/L (Note 1)	Yearly	1	0.06
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	33.40
Organochlorine	mg/L (Note 1)	Yearly	1	<0.0001
pesticides	IIIg/L (Note I)	really	ı	<b>~</b> 0.000 i
Organophosphate	mg/L (Note 1)	Yearly	1	<0.0025
pesticides	ing/L (Note i)	l	ı	<b>40.0023</b>
•		0	4	0.50
pH	pH units	Quarterly	1	6.50
Polycyclic Aromatic Hydrocarbons	mg/L (Note 1)	Yearly	1	<0.001
Potassium	mg/L (Note 1)	Quarterly	1	70.00
Sodium	mg/L (Note 1)	Quarterly	1	129.00
Standing Water Level	metres	Quarterly	1	3.35
(TOC)	menes	Qualterry	'	J.JJ
Standing Water Level	metres	Quarterly	1	61.6
(m AHD)	menes	Quarterly	ı	01.0
Sulfate	mg/L (Note 1)	Quarterly	1	1.30
Toluene	mg/L (Note 1)	Yearly	1	<0.001
Total dissolved solids	mg/L (Note 1)	Quarterly	1	744.00
Total organic carbon	mg/L (Note 1)	Quarterly	1	59.80
Total Petroleum	mg/L (Note 1)	Yearly	1	<0.2
Hydrocarbons	n			
Total Phenolics	mg/L (Note 1)	Yearly	1	<1
Xylene	mg/L (Note 1)	Yearly	1	<0.002
Zinc	mg/L (Note 1)	Yearly	1	0.136
Explanatory Notes	(Note 1) mg/L (milligra	ms per litre)		
Monitoring Location (E	PA Point 20)		the map, Kimbrik cation <b>(EPA 20)</b>	i Monitoring
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>quarter/year</b>	Value
Alkalinity (as calcium	mg/L (Note 1)	Quarterly	1	69
carbonate)				
Aluminium	mg/L (Note 1)	Yearly	1	0.146
Arsenic	mg/L (Note 1)	Yearly	1	0.0004
Barium	mg/L (Note 1)	Yearly	1	0.138
Benzene	mg/L (Note 1)	Yearly	1	<0.002
Cadmium	mg/L (Note 1)	Yearly	1	<0.0001
Calcium	mg/L (Note 1)	Quarterly	1	1.64





Chloride	mg/L (Note 1)	Quarterly	1	41.00
Chromium	mg/L (Note 1)	Yearly	1	<0.004
(hexavalent)				
Chromium (total)	mg/L (Note 1)	Yearly	1	0.0287
Cobalt	mg/L (Note 1)	Yearly	1	0.0015
Copper	mg/L (Note 1)	Yearly	1	0.0028
Ethylbenzene	mg/L (Note 1)	Yearly	1	<0.002
Fluoride	mg/L (Note 1)	Yearly	1	<0.10
Lead	mg/L (Note 1)	Yearly	1	0.0016
Magnesium	mg/L (Note 1)	Quarterly	1	4.75
Manganese	mg/L (Note 1)	Yearly	1	0.470
Mercury	mg/L (Note 1)	Yearly	1	<0.00001
Nitrate + Nitrite	mg/L (Note 1)	Yearly	1	0.05
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.07
Organochlorine pesticides	mg/L (Note 1)	Yearly	1	<0.0001
Organophosphate pesticides	mg/L (Note 1)	Yearly	1	<0.0025
рН	pH units	Quarterly	1	7.60
Polycyclic Aromatic Hydrocarbons	mg/L (Note 1)	Yearly	1	<0.001
Potassium	mg/L (Note 1)	Quarterly	1	1.40
Sodium	mg/L (Note 1)	Quarterly	1	22.40
Standing Water Level (TOC)	metres	Quarterly	1	21.80
Standing Water Level (m AHD)	metres	Quarterly	1	99.86
Sulfate	mg/L (Note 1)	Quarterly	1	0.30
Toluene	mg/L (Note 1)	Yearly	1	<0.001
Total dissolved solids	mg/L (Note 1)	Quarterly	1	109.00
Total organic carbon	mg/L (Note 1)	Quarterly	1	8.60
Total Petroleum	mg/L (Note 1)	Yearly	1	<0.2
Hydrocarbons				
Total Phenolics	mg/L (Note 1)	Yearly	1	<1
Xylene	mg/L (Note 1)	Yearly	1	<0.002
Zinc	mg/L (Note 1)	Yearly	1	0.036
Explanatory Notes	(Note 1) mg/L (milligra	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 quarter/year	Value
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	1	2
Explanatory Notes	(Note 1) mg/L (milligrams per litre) (Note 2) Special Frequency 1 - Quarterly and on the first day of discharge			