

### **EPA Monitoring Data Summary**



Monitoring Period	May-22	May-22							
Date Published	21 June 202	21 June 2022							
EPA Licence No.	13091	3091							
EPA Licence	https://app.e	ttps://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=237374&SYSUID=1							
Hyperlink	&LICID=1309	<u>RLICID=13091</u>							
Licensee Name	KIMBRIKI E	NVIRONMEN	TAL ENTERP	RISES PT	Y LIMITED				
Licensee Address	PO BOX 19	6, Terrey Hills	, NSW 2084						
Monitoring Location (EPA Po	oint 1)	int 1) Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 1)							
Pollutant	Units of measure	Monitoring frequency required by licence	measured Min value May value percentile				Non- compliances (yes/no)		
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	1	5.5	5.5	20	no		
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	1	0.11	0.11	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	11.0	11.0	50	no		
Explanatory Notes		(milligrams per liti al Frequency 1 - 0		the first day o	of discharge				
Monitoring Location (EPA Pe	oint 2)	Please refer to th	he 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	No surface water discharge occurred from this monitoring point during the month.							



### **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	water discharge occurred from this monitoring point during the month.						
Monitoring Location (EPA Po	oint 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>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)	8	<5	<5	20	no	
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	26	<0.01	0.36	1	no	
рН	pН	Daily during any discharge	26	7.44	8.40	6.5-8.5	no	
Total suspended solids	mg/L (Note 1)	Daily during any discharge	26	<5	330 (Note 3)	50	yes	
Explanatory Notes	(Note 2) Speci (Note 3) No ex was 63mm and	(milligrams per litr al Frequency 1 - 0 ceedances were d 68mm respectiv discharge (being 6	Quarterly and on recorded on 23rd ely, which exceed	and 24th Ma	y 2022 as the			
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	0.8	1.2	0.6	no	
Temperature	°C (Note 1)	Continuous	Continuous	791	808	760	no	
Explanatory Notes	(Note 1) °C (degrees Celsius) (Note 2) The parameter value must <i>be greater than</i> the Lower Limit specified							



#### Non-compliances



Monitoring Period	May-22					
Date Published	21 June 2022					
EPA Licence No.	13091					
EPA Licence Hyperlink	https://app.e	pa.nsw.gov.au/	prpoeoapp/\	/iewPOEOLicen	ce.aspx?DOC	ID=237374&SYSUID=1&LICID=13091
Licensee Name	KIMBRIKI EN	VIRONMENTAI	ENTERPRIS	SES PTY LIMIT	ED	
Licensee Address	PO BOX 196,	Terrey Hills, No	SW 2084			
Monitoring Location (EPA Point	21)	Please refer to	the map, Kin	nbriki Monitoring	Sites.pdf, fo	r location (EPA 21)
Pollutant	Units of measure	Monitoring frequency required by licence	100 percentile limit	Date of non- compliance	Value	Five-day cumulative rainfall recorded on site (mm) (Note 1)
Total suspended solids	mg/L (Note 2)	Daily during any discharge	50	12/05/2022	180	59.5 (Note 4)
Explanatory Notes  Monitoring Location (EPA Points	(Note 3) Spec (Note 4) The 9 allowance for western basin for discharge) western basin overflow. Kim practical to er for dischargin significantly re water to be tre	(milligrams per ial Frequency 1 65-day cumulativ discharge in a f s (EPA 1 and E that occurred ir s in readiness f briki performs disure potential fig elevated suspeduce the storm eated on site (co	- Quarterly a e rainfall at th ive-day durat PA 21) being in the 3 days le or further rain ally inspectio or suspended ended solids water catchm onstruction is	ion 90th percenused to treat rueding up to 12th fall on 12th Mayns of sediment of solids dischargeby constructing	dance on 12title rainfall evinoff from rain in May 2022. (2022, rainfal controls and pe is minimise an up-gradie em basins and pletion befor	n May 2022 was 96% of the 62.1mm ent. The results are attributable to the fall (being 87% of the 62.1mm allowance During the process of preparing the I occurred which caused the basins to proactively maintain controls by all means d. Kimbriki will also reduce the potential nt clean water diversion system which will I reduce the volume of sediment-laden e end of 2023).
Pollutant	Units of measure	Monitoring frequency required by licence	100 percentile limit	Date of non- compliance	Value	Five-day cumulative rainfall recorded on site (mm) (Note 1)
See 'Quarterly Summary of EPA Monitoring Data' table	See 'Quarterly Summary of EPA Monitoring Data' table	Quarterly	N/A	19 May 2022 (delayed March 2022 quarterly surface water monitoring round)	unavailable (Note 1)	N/A
Explanatory Notes	includes samp samples and in question bu	oling the relevar reporting the res t they lost the s e recommendati	nt monitoring positions to Kimbramples between	points, transport iki. The laborato een sampling (ir	ting the samp ory confirmed or the field) and	face water monitoring rounds. This les to the laboratory, testing the water that they sampled the monitoring points d sample receipt (at the laboratory). s they have in place to prevent this error



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



Monitoring Period	May-22								
Date Published	21 June 202	2							
EPA Licence No.	13091								
EPA Licence	https://app.er	oa.nsw.gov.au/p	orpoeoapp/Viev	wPOEOLice	nce.aspx?D0	OCID=23737	74&SYSUID=1&LI		
Hyperlink	CID=13091								
Licensee Name		NVIRONMENT		RISES PTY	/ LIMITED				
Licensee Address	ee Address PO BOX 196, Terrey Hills, NSW 2084								
Monitoring Location (EPA Po	int 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	Mean value	Median value	Max. value		
Conductivity	μS/cm (Note 1)	Daily during any discharge	1	304	304	304	304		
Explanatory Notes	(Note 1) µS/cm	(microsiemens p	er centimetre)						
Monitoring Location (EPA Pe	oint 2)	Please refer to th	ne map, Kimbriki	Monitoring S	Sites.pdf, for	location (EP	A 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 discharge occurred from this monitoring point during the month.								
Monitoring Location (EPA Po	oint 3)	Please refer to th	ne map, Kimbriki	Monitoring S	Sites.pdf, for	location ( <b>EP</b> .	A 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 wate	er discharge occu	rred from this mo	nitoring poin	t during the n	nonth.			
Monitoring Location (EPA Pe	oint 21)	Please refer to th	ne map, Kimbriki	Monitoring S	Sites.pdf, for	location (EP	A 21)		
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	26	164	315	343	409		
Explanatory Notes	(Note 1) µS/cm	(microsiemens p	er centimetre)						
Monitoring Location (EPA Po	Enclosed Ground Level Flare in the North-Fastern corner of the Premises. 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	293	381	387	428		
Explanatory Notes	(Note 1) m <sup>3</sup> /h (c	cubic metres per h	nour)						





Monitoring Period	February 2022 - May 2022								
Sample Date	19 May 2022								
Date Published	21 June 2022	21 June 2022							
EPA Licence No.	13090								
EPA Licence Hyperlink		https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=202790 &SYSUID=1&LICID=13090							
Licensee Name	KIMBRIKI EN	KIMBRIKI ENVIRONMENTAL ENTERPRISES PTY LIMITED							
Licensee Address	PO BOX 196, Terrey Hills, NSW 2084								
Monitoring Location (	EPA Point 1)	Please refer to (EPA 1)	the map, Kin	ibriki Moni	toring Site:	s.pdf, for lo	ocation		
Pollutant	Units of measure	The state of the s							
Methane	ppm (Note   Quarterly   1   1.7   11.1   3.7   330								
Explanatory Notes	(Note 1) ppm (p	parts per million)							





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	December 2021 - March 2022 (Quarterly). Surface water sampled 19 May 2022. The March 2022 quarterly surface water monitoring round was postponed due to rainfall events which made site conditions unsafe for sampling and water testing at monitoring points, as well as the limited availability of the laboratory's field sampling team.						
Date Published	21 June 2022						
EPA Licence No.	13091						
EPA Licence Hyperlink	https://apps.epa.nsw 374&SYSUID=1&LICID		p/ViewPOEOLicen	ce.aspx?DOCID=237			
Licensee Name	KIMBRIKI ENVIROI	NMENTAL ENTE	ERPRISES PTY I	LIMITED			
Licensee Address	PO BOX 196, Terre	y Hills, NSW 208	34				
Monitoring Location (EPA Point 1/	Please refer to the man Kimbriki Monitoring						
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				
Conductivity	μS/cm (Note 3)	Quarterly	1				
Dissolved Oxygen	mg/L (Note 1)	Quarterly	1				
Faecal Coliforms	org/100 mL (Note 4)	Quarterly	1	Unavailable			
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1				
рН	pН	Quarterly	1				
Potassium	mg/L (Note 1)	Quarterly	1				
Redox potential	mV (Note 5)	Quarterly	1				
Total dissolved solids	mg/L (Note 1)	Quarterly	1				
Total organic carbon	mg/L (Note 1)	Quarterly	1				
(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 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</b>	Value			
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	1	Unavailable			
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)		the map, Kimbrik cation <b>(EPA 3/12</b>				
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				
Conductivity	μS/cm (Note 3)	Quarterly	1				
Dissolved Oxygen	mg/L (Note 1)	Quarterly	1				
Faecal Coliforms	org/100 mL (Note 4)	Quarterly	1	Unavailable			
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1				
ρΗ	рН	Quarterly	1				
Potassium	mg/L (Note 1)	Quarterly	1				
Redox potential	mV (Note 5)	Quarterly	1				
Total dissolved solids	mg/L (Note 1)	Quarterly	1				
Total organic carbon	mg/L (Note 1)	Quarterly	1				
Explanatory Notes	(Note 1) mg/L (milligra (Note 2) Special Freq (Note 3) µS/cm (micra (Note 4) org/100 mL ( (Note 5) mV (millivolta	uency 1 - Quarter osiemens per cent colony forming un	imetre)				
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 <b>quarter</b>	Value			
Conductivity	μS/cm (Note 1)	Quarterly	1	290			
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	11			
aecal Coliforms	org/100 mL (Note3)	Quarterly	1	240			
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.41			
ρΗ	pН	Quarterly	1	7.8			
Potassium	mg/L (Note 2)	Quarterly	1	4.3			
Redox potential	mV (Note 4)	Quarterly	1	500			
Total dissolved solids	mg/L (Note 2)	Quarterly	1	540			
Total organic carbon	mg/L (Note 2)	Quarterly	1	5.3			
Explanatory Notes	(Note 1) µS/cm (micro (Note 2) mg/L (milligro (Note 3) org/100 mL ( (Note 4) mV (millivolte	ams per litre) colony forming un		es)			





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 <b>quarter</b>	Value
Conductivity	μS/cm (Note 1)	Quarterly	1	320
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	10
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	91
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	<0.01
pH	pH	Quarterly	1	7.8
Potassium	mg/L (Note 2)	Quarterly	1	6.4
Redox potential	mV (Note 4)	Quarterly	1	500
Total dissolved solids	mg/L (Note 2)	Quarterly	1	220
Total organic carbon	mg/L (Note 2)	Quarterly	1	5.2
	(Note 4) mV (millivolts	s)		
Monitoring Location (EPA Point 9)	(Note 4) mV (millivolts		the map, Kimbriki cation <b>(EPA 9)</b>	i Monitoring
Monitoring Location (EPA Point 9)  Pollutant	(Note 4) mV (millivolts	Please refer to		<i>i Monitoring</i> Value
Pollutant		Please refer to Sites.pdf, for lo Monitoring frequency required by	No. of times measured	
Pollutant	Units of measure	Please refer to Sites.pdf, for lo Monitoring frequency required by licence	No. of times measured during quarter	Value
Pollutant  Conductivity  Dissolved Oxygen	Units of measure  µS/cm (Note 1)	Please refer to Sites.pdf, for lo Monitoring frequency required by licence Quarterly	No. of times measured during quarter	Value 310
Pollutant  Conductivity  Dissolved Oxygen  Faecal Coliforms	Units of measure  µS/cm (Note 1)  mg/L (Note 2)	Please refer to Sites.pdf, for lo Monitoring frequency required by licence Quarterly	No. of times measured during quarter	Value 310 11
Pollutant  Conductivity  Dissolved Oxygen  Faecal Coliforms  Nitrogen (ammonia)	Units of measure  µS/cm (Note 1)  mg/L (Note 2)  org/100 mL (Note3)	Please refer to Sites.pdf, for lo Monitoring frequency required by licence Quarterly Quarterly Quarterly	No. of times measured during quarter  1 1 1	Value  310 11 83
Pollutant  Conductivity  Dissolved Oxygen  Faecal Coliforms  Nitrogen (ammonia)  pH	Units of measure  µS/cm (Note 1)  mg/L (Note 2)  org/100 mL (Note3)  mg/L (Note 2)	Please refer to Sites.pdf, for lo Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly	No. of times measured during quarter  1 1 1 1	Value  310 11 83 0.06
Pollutant  Conductivity Dissolved Oxygen Faecal Coliforms Nitrogen (ammonia) pH Potassium	Units of measure  µS/cm (Note 1)  mg/L (Note 2)  org/100 mL (Note3)  mg/L (Note 2)  pH	Please refer to Sites.pdf, for lo Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly	No. of times measured during quarter  1 1 1 1 1	Value  310 11 83 0.06 8.0
Pollutant  Conductivity Dissolved Oxygen Faecal Coliforms Nitrogen (ammonia) pH Potassium Redox potential Total dissolved solids	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)	Please refer to Sites.pdf, for lo 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  310 11 83 0.06 8.0 6.4
J ,	Units of measure  µS/cm (Note 1)  mg/L (Note 2)  org/100 mL (Note3)  mg/L (Note 2)  pH  mg/L (Note 2)  mV (Note 4)	Please refer to Sites.pdf, for lo Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	No. of times measured during quarter  1 1 1 1 1 1 1 1	Value  310 11 83 0.06 8.0 6.4 500





Monitoring Location (EPA Point 1	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 <b>quarter</b>	Value	
Conductivity	μS/cm (Note 1)	Quarterly	1	4400	
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	0.2	
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	52000	
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	540	
рН	pН	Quarterly	1	8	
Potassium	mg/L (Note 2)	Quarterly	1	170	
Redox potential	mV (Note 4)	Quarterly	1	250	
Total dissolved solids	mg/L (Note 2)	Quarterly	1	2700	
Total organic carbon	mg/L (Note 2)	Quarterly	1	200	
Monitoring Location (EPA Point 1	(Note 4) mV (millivolts	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 <b>quarter</b>	Value	
Conductivity	μS/cm (Note 1)	Quarterly	1	340	
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	10	
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	100	
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.33	
рН	рН	Quarterly	1	7.7	
Potassium	mg/L (Note 2)	Quarterly	1	8	
Redox potential	mV (Note 4)	Quarterly	1	510	
Total dissolved solids	mg/L (Note 2)	Quarterly	1	270	
Total organic carbon	mg/L (Note 2)	Quarterly	1	6.3	
(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	)		the map, Kimbrik cation <b>(EPA 14)</b>	i Monitoring	
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	170	
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9.1	
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	20	
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	<0.01	
pH	pН	Quarterly	1	7.4	
Potassium	mg/L (Note 2)	Quarterly	1	4.0	
Redox potential	mV (Note 4)	Quarterly	1	510	
Total dissolved solids	mg/L (Note 2)	Quarterly	1	120	
Total organic carbon	mg/L (Note 2)	Quarterly	1	10	
Explanatory Notes  (Note 1) μS/cm (microsiemens per centimetre) (Note 2) mg/L (milligrams per litre) (Note 3) org/100 mL (colony forming units per 100 millilitres) (Note 4) mV (millivolts)  Please refer to the map, Kimbriki Monitoring					
Monitoring Location (EPA Point 15	)		cation (EPA 15)	g	
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	340	
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9.7	
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	170	
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.37	
рН	рН	Quarterly	1	7.8	
Potassium	mg/L (Note 2)	Quarterly	1	11	
Redox potential	mV (Note 4)	Quarterly	1	490	
Total dissolved solids	mg/L (Note 2)	Quarterly	1	300	
Total organic carbon	mg/L (Note 2)	Quarterly	1	7.9	
Explanatory Notes	(Note 1) µS/cm (micro (Note 2) mg/L (milligro (Note 3) org/100 mL ( (Note 4) mV (millivolte	ams per litre) colony forming un		es)	
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	Unavailable	
Explanatory Notes	(Note 1) mg/L (milligra (Note 2) Special Freq		y and on the first o	lay of discharge	