



# 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 The information and data in this table must not be published elsewhere by any means without prior written consent from Kimbriki Environmental Enterprises.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](http://www.epa.nsw.gov.au)

Monitoring Period	Dec-24						
Date Published	7 January 2025						
EPA Licence No.	13091						
EPA Licence Hyperlink	<a href="https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=211659&amp;SYSUID=1&amp;LICID=13091">https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=211659&amp;SYSUID=1&amp;LICID=13091</a>						
Licensee Name	KIMBRIKI ENVIRONMENTAL ENTERPRISES PTY LIMITED						
Licensee Address	PO BOX 196, Terrey Hills, NSW 2084						
Monitoring Location (EPA Point 1)	<i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 1)</i>						
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during month	Min. value	Max. value	100 percentile limit	Non-compliances (yes/no)
Explanatory Notes	No surface water discharge occurred from this monitoring point during the month.						
Monitoring Location (EPA Point 3)	<i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 3)</i>						
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during month	Min. value	Max. value	100 percentile limit	Non-compliances (yes/no)
Explanatory Notes	No surface water discharge occurred from this monitoring point during the month.						
Monitoring Location (EPA Point 21)	<i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 21)</i>						
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during month	Min. value	Max. value	100 percentile limit	Non-compliances (yes/no)
Explanatory Notes	No surface water discharge occurred from this monitoring point during the month.						
Monitoring Location (EPA Point 22)	<i>Enclosed Ground Level Flare in the North-Eastern corner of the Premises. Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 22)</i>						
Parameter	Units of measure	Monitoring frequency required by licence	No. of times measured during month	Min. value	Max. value	Lower Limit (Note 2)	Non-compliances (yes/no)
Residence Time	seconds	Continuous	Continuous	0.8	1.1	0.6	no
Temperature	°C (Note 1)	Continuous	Continuous	830.9	854.3	760	no
Explanatory Notes	(Note 1) °C (degrees Celsius) (Note 2) The parameter value must <b>be greater than</b> the Lower Limit specified						



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



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Date Published	7 January 2025						
EPA Licence No.	13091						
EPA Licence Hyperlink	<a href="https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=211659&amp;SYSUID=1&amp;LICID=13091">https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=211659&amp;SYSUID=1&amp;LICID=13091</a>						
Licensee Name	KIMBRIKI ENVIRONMENTAL ENTERPRISES PTY LIMITED						
Licensee Address	PO BOX 196, Terrey Hills, NSW 2084						
Monitoring Location (EPA Point 1)	<i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 1)</i>						
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during month	Min. value	Mean value	Median value	Max. value
Explanatory Notes	No surface water discharge occurred from this monitoring point during the month.						
Monitoring Location (EPA Point 3)	<i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 3)</i>						
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	No surface water discharge occurred from this monitoring point during the month.						
Monitoring Location (EPA Point 21)	<i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 21)</i>						
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	No surface water discharge occurred from this monitoring point during the month.						
Monitoring Location (EPA Point 22)	<i>Enclosed Ground Level Flare in the North-Eastern corner of the Premises. Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 22)</i>						
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during month	Min. value	Mean value	Median value	Max. value
Volumetric flowrate	m <sup>3</sup> /h (Note 1)	Continuous	Continuous	0 (Note 2)	397	397	456
Explanatory Notes	(Note 1) m <sup>3</sup> /h (cubic metres per hour) (Note 2) Zero value due to: 1. Flare was shut down on 5th December 2024 for ~1.50 hours due to phase fail. The flare was restarted remotely. 2. Flare was shut down on 9th December 2024 for ~1.25 hours due to contractor maintenance. The flare was restarted locally once work completed. 3. Flare was shut down on 17th December 2024 for ~2.25 hours due to flame fail. The flare was restarted locally.						



# Quarterly Summary of EPA Monitoring Data



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Monitoring Period	December 2024 (Monthly) Surface water sampled			
Date Published	7 January 2025			
EPA Licence No.	13091			
EPA Licence Hyperlink	<a href="https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=211659&amp;SYSUID=1&amp;LICID=13091">https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=211659&amp;SYSUID=1&amp;LICID=13091</a>			
Licensee Name	KIMBRIKI ENVIRONMENTAL ENTERPRISES PTY LIMITED			
Licensee Address	PO BOX 196, Terrey Hills, NSW 2084			
Monitoring Location (EPA Point 2)	<i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 2)</i>			
Pollutant	Units of measure	Monitoring frequency required by licence	t	Value
Biochemical oxygen demand	mg/L (Note 1)	Monthly	1	2
Conductivity	µS/cm (Note 2)	Monthly	1	414
Nitrogen (ammonia)	mg/L (Note 1)	Monthly	1	0.05
pH	pH	Monthly	1	7.63
Total Suspended Solids	mg/L (Note 1)	Monthly	1	7
Explanatory Notes	(Note 1) mg/L (milligrams per litre) (Note 2) µS/cm (microsiemens per centimetre)			



# Quarterly Summary of EPA Monitoring Data



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Monitoring Period	September 2024 - December 2024 (Quarterly) Surface water sampled 13 December 2023. Groundwater sampled 5 December 2024.			
Date Published	7 January 2025			
EPA Licence No.	13091			
EPA Licence Hyperlink	<a href="https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=211659&amp;SYSUID=1&amp;LICID=13091">https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=211659&amp;SYSUID=1&amp;LICID=13091</a>			
Licensee Name	KIMBRIKI ENVIRONMENTAL ENTERPRISES PTY LIMITED			
Licensee Address	PO BOX 196, Terrey Hills, NSW 2084			
Monitoring Location (EPA Point 1/11)	<i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 1/11)</i>			
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	1	4
Conductivity	µS/cm (Note 3)	Quarterly	1	392
Dissolved Oxygen	mg/L (Note 1)	Quarterly	1	9.8
Faecal Coliforms	org/100 mL (Note 4)	Quarterly	1	~160
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.01
pH	pH	Quarterly	1	9.16
Potassium	mg/L (Note 1)	Quarterly	1	7.3
Redox potential	mV (Note 5)	Quarterly	1	163
Total dissolved solids	mg/L (Note 1)	Quarterly	1	267
Total organic carbon	mg/L (Note 1)	Quarterly	1	9.7
Explanatory Notes	(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 3/12)	<i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 3/12)</i>			
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value



# Quarterly Summary of EPA Monitoring Data



Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	1	2
Conductivity	µS/cm (Note 3)	Quarterly	1	341
Dissolved Oxygen	mg/L (Note 1)	Quarterly	1	8.0
Faecal Coliforms	org/100 mL (Note 4)	Quarterly	1	~430
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.01
pH	pH	Quarterly	1	8.21
Potassium	mg/L (Note 1)	Quarterly	1	6.4
Redox potential	mV (Note 5)	Quarterly	1	218
Total dissolved solids	mg/L (Note 1)	Quarterly	1	211
Total organic carbon	mg/L (Note 1)	Quarterly	1	7.8
Explanatory Notes	(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 8)		Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 8)		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value
Conductivity	µS/cm (Note 1)	Quarterly	1	488
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	8.8
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	~1100
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.01
pH	pH	Quarterly	1	9.16
Potassium	mg/L (Note 2)	Quarterly	1	7.7
Redox potential	mV (Note 4)	Quarterly	1	146
Total dissolved solids	mg/L (Note 2)	Quarterly	1	287
Total organic carbon	mg/L (Note 2)	Quarterly	1	7.6
Explanatory Notes	(Note 1) µS/cm (microsiemens per centimetre) (Note 2) mg/L (milligrams per litre) (Note 3) org/100 mL (colony forming units per 100 millilitres) (Note 4) mV (millivolts)			
Monitoring Location (EPA Point 9)		Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 9)		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value
Conductivity	µS/cm (Note 1)	Quarterly	1	458
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	8.6
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	~730
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	<0.01
pH	pH	Quarterly	1	8.32
Potassium	mg/L (Note 2)	Quarterly	1	7.2



# Quarterly Summary of EPA Monitoring Data



Redox potential	mV (Note 4)	Quarterly	1	206
Total dissolved solids	mg/L (Note 2)	Quarterly	1	266
Total organic carbon	mg/L (Note 2)	Quarterly	1	8
Explanatory Notes	(Note 1) $\mu$ S/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)			



# Quarterly Summary of EPA Monitoring Data



Monitoring Location (EPA Point 10)		Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 10)		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value
Conductivity	µS/cm (Note 1)	Quarterly	1	4540
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	4.3
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	65
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	266
pH	pH	Quarterly	1	7.90
Potassium	mg/L (Note 2)	Quarterly	1	173
Redox potential	mV (Note 4)	Quarterly	1	221
Total dissolved solids	mg/L (Note 2)	Quarterly	1	1948
Total organic carbon	mg/L (Note 2)	Quarterly	1	143.2
Explanatory Notes	(Note 1) µS/cm (microsiemens per centimetre) (Note 2) mg/L (milligrams per litre) (Note 3) org/100 mL (colony forming units per 100 millilitres) (Note 4) mV (millivolts)			
Monitoring Location (EPA Point 13)		Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 13)		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value
Conductivity	µS/cm (Note 1)	Quarterly	1	833
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	4.4
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	~170
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	18
pH	pH	Quarterly	1	6.62
Potassium	mg/L (Note 2)	Quarterly	1	23.3
Redox potential	mV (Note 4)	Quarterly	1	-11
Total dissolved solids	mg/L (Note 2)	Quarterly	1	376
Total organic carbon	mg/L (Note 2)	Quarterly	1	23.5
Explanatory Notes	(Note 1) µS/cm (microsiemens per centimetre) (Note 2) mg/L (milligrams per litre) (Note 3) org/100 mL (colony forming units per 100 millilitres) (Note 4) mV (millivolts)			
Monitoring Location (EPA Point 15)		Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 15)		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value
Conductivity	µS/cm (Note 1)	Quarterly	1	585
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	5.6
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	~840
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	8.04



# Quarterly Summary of EPA Monitoring Data



pH	pH	Quarterly	1	6.80
Potassium	mg/L (Note 2)	Quarterly	1	16.8
Redox potential	mV (Note 4)	Quarterly	1	39
Total dissolved solids	mg/L (Note 2)	Quarterly	1	394
Total organic carbon	mg/L (Note 2)	Quarterly	1	15.4
Explanatory Notes	(Note 1) $\mu\text{S/cm}$ (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 17)		Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 17)		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value
Alkalinity (as calcium carbonate)	mg/L (Note 1)	Quarterly	1	<5
Calcium	mg/L (Note 1)	Quarterly	1	2.4
Chloride	mg/L (Note 1)	Quarterly	1	80
Magnesium	mg/L (Note 1)	Quarterly	1	8.95
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.17
pH	pH units	Quarterly	1	5.9
Potassium	mg/L (Note 1)	Quarterly	1	1.8
Sodium	mg/L (Note 1)	Quarterly	1	46.4
Standing Water Level (TOC)	metres	Quarterly	1	7.52
Standing Water Level (m AHD)	metres	NA	NA	62.1
Sulfate	mg/L (Note 1)	Quarterly	1	20
Total dissolved solids	mg/L (Note 1)	Quarterly	1	264
Total organic carbon	mg/L (Note 1)	Quarterly	1	<0.2
Explanatory Notes	(Note 1) mg/L (milligrams per litre)			





# Quarterly Summary of EPA Monitoring Data



Monitoring Location (EPA Point 19)		Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 19)		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value
Alkalinity (as calcium carbonate)	mg/L (Note 1)	Quarterly	1	<5
Calcium	mg/L (Note 1)	Quarterly	1	57.4
Chloride	mg/L (Note 1)	Quarterly	1	230
Magnesium	mg/L (Note 1)	Quarterly	1	34.4
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	31.7
pH	pH units	Quarterly	1	6.4
Potassium	mg/L (Note 1)	Quarterly	1	54.8
Sodium	mg/L (Note 1)	Quarterly	1	147
Standing Water Level (TOC)	metres	Quarterly	1	5.55
Standing Water Level (m AHD)	metres	NA	NA	61.1
Sulfate	mg/L (Note 1)	Quarterly	1	0.16
Total dissolved solids	mg/L (Note 1)	Quarterly	1	884
Total organic carbon	mg/L (Note 1)	Quarterly	1	56.2
Explanatory Notes	(Note 1) mg/L (milligrams per litre)			
Monitoring Location (EPA Point 20)		Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 20)		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value
Alkalinity (as calcium carbonate)	mg/L (Note 1)	Quarterly	1	<5
Calcium	mg/L (Note 1)	Quarterly	1	1.64
Chloride	mg/L (Note 1)	Quarterly	1	42
Magnesium	mg/L (Note 1)	Quarterly	1	5.11
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	<0.01
pH	pH units	Quarterly	1	6.3
Potassium	mg/L (Note 1)	Quarterly	1	1.4
Sodium	mg/L (Note 1)	Quarterly	1	23.3
Standing Water Level (TOC)	metres	Quarterly	1	21.72
Standing Water Level (m AHD)	metres	NA	NA	99.94
Sulfate	mg/L (Note 1)	Quarterly	1	0.35
Total dissolved solids	mg/L (Note 1)	Quarterly	1	150
Total organic carbon	mg/L (Note 1)	Quarterly	1	4.6
Explanatory Notes	(Note 1) mg/L (milligrams per litre)			



# Quarterly Summary of EPA Monitoring Data



Monitoring Location (EPA Point 21)		<i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 21)</i>		
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	3
Explanatory Notes	(Note 1) mg/L (milligrams per litre) (Note 2) Special Frequency 1 - Quarterly and on the first day of discharge			