



# 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 The information and data in this table must not be published elsewhere by any means without prior written consent from Kimbriki Environmental Enterprises.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	Sep-25						
Date Published	9th October 2025						
EPA Licence No.	13091						
EPA Licence Hyperlink	<a href="https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=323307&amp;SYSUID=1&amp;LICID=13091">https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=323307&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)
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	1	3	3	20	no
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	1	0.24	0.24	1	no
pH	pH	Daily during any discharge	1	8.27	8.27	6.5-8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	1	530 (Note 3)	530 (Note 3)	50	no
Explanatory Notes	<p>(Note 1) mg/L (milligrams per litre) (Note 2) Special Frequency 1 - Quarterly and on the first day of discharge (Note 3) No exceedances were recorded on the 11th September 2025 as the five-day cumulative rainfall was 102.5mm, which exceeded the five-day duration 90th percentile rainfall event allowance for discharge (being 62.1mm).</p>						
Monitoring Location (EPA Point 3)	<i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 3)</i>						
Explanatory Notes	No surface water discharged occurred from this monitoring point during the month.						



# EPA Monitoring Data Summary



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 month	Min. value	Max. value	100 percentile limit	Non-compliances (yes/no)
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	1	3	3	20	no
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	1	0.24	0.24	1	no
pH	pH	Daily during any discharge	1	8.30	8.30	6.5-8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	1	530 (Note 3)	530 (Note 3)	50	no
Explanatory Notes	(Note 1) mg/L (milligrams per litre) (Note 2) Special Frequency 1 - Quarterly and on the first day of discharge (Note 3) No exceedances were recorded on the 11th September 2025 as the five-day cumulative rainfall was 102.5mm, which exceeded the five-day duration 90th percentile rainfall event allowance for discharge (being 62.1mm).						
Monitoring Location (EPA Point 22)		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)					
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	1.2	0.6	no
Temperature	°C (Note 1)	Continuous	Continuous	843.1	853.7	760	no
Explanatory Notes	(Note 1) °C (degrees Celsius) (Note 2) The parameter value must <b>be greater than</b> the Lower Limit specified						

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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
Conductivity	µS/cm (Note 1)	Daily during any discharge	1	203	203	203	203
Explanatory Notes	(Note 1) µS/cm (microsiemens per centimetre)						
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 discharged 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
Conductivity	µS/cm (Note 1)	Daily during any discharge	1	199.4	199.4	199.4	199.4
Explanatory Notes	(Note 1) µS/cm (microsiemens per centimetre)						
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	m³/h (Note 1)	Continuous	Continuous	0 (Note 2)	323	340	426
Explanatory Notes	(Note 1) m³/h (cubic metres per hour) (Note 2) Zero value due to: 1. Flare was shut down on 2nd September 2025 for ~2.5 hours due to power supply outage. Flare was restarted remotely. 2. Flare was shut down on 17th September 2025 for ~22.75 hours due to VSD fault. Failed to restart the flare remotely with the assistance of site staff. The contractor attended site on 18th September and replaced the faulty air actuator. The flare was restarted locally by the contractor. 3. Flare was shut down on 28th September 2025 for ~16.75 hours due to flame fail. Failed to restart the flare remotely. The contractor attended site on 29th September and replaced the faulty Pixsys Control unit. The flare was restarted locally by the contractor. 4. Flare was shut down on 29th September 2025 for ~5.00 hours due to power supply outage. Flare was restarted remotely.						



# Monthly Summary of EPA Monitoring Data



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Monitoring Period	September 2024 (Monthly) Surface water sampled 03/09/2025			
Date Published	9th October 2025			
EPA Licence No.	13091			
EPA Licence Hyperlink	<a href="https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=323307&amp;SYSUID=1&amp;LICID=13091">https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=323307&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	No. of times measured during month	Value
Biochemical oxygen demand	mg/L (Note 1)	Monthly	1	2
Conductivity	µS/cm (Note 2)	Monthly	1	291
Nitrogen (ammonia)	mg/L (Note 1)	Monthly	1	0.03
pH	pH	Monthly	1	8.03
Total suspended solids	mg/L (Note 1)	Monthly	1	6
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	July 2025 - Sept 2025 (Quarterly). Surface water sampled 03 Sept 2025. Groundwater sampled 03&04 Sept 2025.			
Date Published	9th October 2025			
EPA Licence No.	13091			
EPA Licence Hyperlink	<a href="https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=323307&amp;SYSUID=1&amp;LICID=13091">https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=323307&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 ( <b>EPA Point 1/11</b> )		<i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (<b>EPA 1/11</b>)</i>		
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	<2
Conductivity	µS/cm (Note 3)	Quarterly	1	566
Dissolved Oxygen	mg/L (Note 1)	Quarterly	1	8.9
Faecal Coliforms	org/100 mL (Note 4)	Quarterly	1	~150
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.64
pH	pH	Quarterly	1	8.47
Potassium	mg/L (Note 1)	Quarterly	1	7.4
Redox potential	mV (Note 5)	Quarterly	1	358
Total dissolved solids	mg/L (Note 1)	Quarterly	1	236
Total organic carbon	mg/L (Note 1)	Quarterly	1	9
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 ( <b>EPA Point 3/12</b> )		<i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (<b>EPA 3/12</b>)</i>		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>quarter</b>	Value



# Quarterly Summary of EPA Monitoring Data



Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	1	8
Conductivity	µS/cm (Note 3)	Quarterly	1	388
Dissolved Oxygen	mg/L (Note 1)	Quarterly	1	6.4
Faecal Coliforms	org/100 mL (Note 4)	Quarterly	1	~1400
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	1.22
pH	pH	Quarterly	1	7.69
Potassium	mg/L (Note 1)	Quarterly	1	12.4
Redox potential	mV (Note 5)	Quarterly	1	384
Total dissolved solids	mg/L (Note 1)	Quarterly	1	211
Total organic carbon	mg/L (Note 1)	Quarterly	1	14.7

**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 8)	<i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 8)</i>			
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value
Conductivity	µS/cm (Note 1)	Quarterly	1	449
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9.3
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	~73
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	4.09
pH	pH	Quarterly	1	7.77
Potassium	mg/L (Note 2)	Quarterly	1	6.9
Redox potential	mV (Note 4)	Quarterly	1	373
Total dissolved solids	mg/L (Note 2)	Quarterly	1	232
Total organic carbon	mg/L (Note 2)	Quarterly	1	8.2
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 9)	<i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 9)</i>			
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value
Conductivity	µS/cm (Note 1)	Quarterly	1	472
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9.8
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	~130
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	1.69
pH	pH	Quarterly	1	8.4
Potassium	mg/L (Note 2)	Quarterly	1	8.1



# Quarterly Summary of EPA Monitoring Data



Redox potential	mV (Note 4)	Quarterly	1	356
Total dissolved solids	mg/L (Note 2)	Quarterly	1	238
Total organic carbon	mg/L (Note 2)	Quarterly	1	9
Explanatory Notes	<p>(Note 1) <math>\mu\text{S}/\text{cm}</math> (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)</p>			



# 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	3360
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	2.6
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	~79000
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	206
pH	pH	Quarterly	1	7.66
Potassium	mg/L (Note 2)	Quarterly	1	154
Redox potential	mV (Note 4)	Quarterly	1	331
Total dissolved solids	mg/L (Note 2)	Quarterly	1	1348
Total organic carbon	mg/L (Note 2)	Quarterly	1	188.5
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 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	440
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	10.5
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	~43
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.3
pH	pH	Quarterly	1	7.75
Potassium	mg/L (Note 2)	Quarterly	1	9.1
Redox potential	mV (Note 4)	Quarterly	1	344
Total dissolved solids	mg/L (Note 2)	Quarterly	1	251
Total organic carbon	mg/L (Note 2)	Quarterly	1	8.1
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	435
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	10.1
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	~61



# Quarterly Summary of EPA Monitoring Data



Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.51
pH	pH	Quarterly	1	7.59
Potassium	mg/L (Note 2)	Quarterly	1	9.7
Redox potential	mV (Note 4)	Quarterly	1	327
Total dissolved solids	mg/L (Note 2)	Quarterly	1	233
Total organic carbon	mg/L (Note 2)	Quarterly	1	8.3
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)			
Monitoring Location (EPA Point 17)	<i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 17)</i>			
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	2.67
Chloride	mg/L (Note 1)	Quarterly	1	78
Magnesium	mg/L (Note 1)	Quarterly	1	8.87
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.16
pH	pH units	Quarterly	1	5.8
Potassium	mg/L (Note 1)	Quarterly	1	2.6
Sodium	mg/L (Note 1)	Quarterly	1	46
Standing Water Level (TOC)	metres	Quarterly	1	7.26
Standing Water Level (m AHD)	metres	NA	NA	62.36
Sulfate	mg/L (Note 1)	Quarterly	1	25
Total dissolved solids	mg/L (Note 1)	Quarterly	1	209
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	44.2
Chloride	mg/L (Note 1)	Quarterly	1	160
Magnesium	mg/L (Note 1)	Quarterly	1	23.1
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	25.5
pH	pH units	Quarterly	1	6.4
Potassium	mg/L (Note 1)	Quarterly	1	57.9
Sodium	mg/L (Note 1)	Quarterly	1	103
Standing Water Level (TOC)	metres	Quarterly	1	5.53
Standing Water Level (m AHD)	metres	NA	NA	61.12
Sulfate	mg/L (Note 1)	Quarterly	1	0.63
Total dissolved solids	mg/L (Note 1)	Quarterly	1	592
Total organic carbon	mg/L (Note 1)	Quarterly	1	33.3
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	1.68
Chloride	mg/L (Note 1)	Quarterly	1	38
Magnesium	mg/L (Note 1)	Quarterly	1	4.66
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.05
pH	pH units	Quarterly	1	6.3
Potassium	mg/L (Note 1)	Quarterly	1	1.4
Sodium	mg/L (Note 1)	Quarterly	1	22.2
Standing Water Level (TOC)	metres	Quarterly	1	21.4
Standing Water Level (m AHD)	metres	NA	NA	100.26
Sulfate	mg/L (Note 1)	Quarterly	1	0.78
Total dissolved solids	mg/L (Note 1)	Quarterly	1	153
Total organic carbon	mg/L (Note 1)	Quarterly	1	5.8
Explanatory Notes	(Note 1) mg/L (milligrams per litre)			



# Quarterly Summary of EPA Monitoring Data



Monitoring Location ( <b>EPA Point 21</b> )		<i>Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (<b>EPA 21</b>)</i>		
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	4
Explanatory Notes	 (Note 1) mg/L (milligrams per litre) (Note 2) Special Frequency 1 - Quarterly and on the first day of discharge			