



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 The information and data in this table must not be published elsewhere by any means without prior written consent from Kimbriki Environmental Enterprises.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	Sep-24						
Date Published	10 October 2024						
EPA Licence No.	13091						
EPA Licence Hyperlink	https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=211659&SYSUID=1&LICID=13091						
Licensee Name	KIMBRIKI ENVIRONMENTAL ENTERPRISES PTY LIMITED						
Licensee Address	PO BOX 196, Terrey Hills, NSW 2084						
Monitoring Location (EPA Point 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 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)	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 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)	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)
Explanatory Notes	No surface water discharge occurred from this monitoring point during the month.						
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	1.4	0.6	no
Temperature	°C (Note 1)	Continuous	Continuous	828	854	760	no
Explanatory Notes	(Note 1) °C (degrees Celsius) (Note 2) The parameter value must be greater than the Lower Limit specified						



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



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Monitoring Period	Sep-24						
Date Published	10 October 2024						
EPA Licence No.	13091						
EPA Licence Hyperlink	https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=211659&SYSU_ID=1&LICID=13091						
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 ³ /h (Note 1)	Continuous	Continuous	0 (Note 2)	344	361	424
Explanatory Notes	(Note 1) m3/h (cubic metres per hour) (Note 2) Low value due to: 1. Flare was shut down on 2nd September 2024 for ~ 11.50 hours due to power supply outage. The flare was restarted remotely. 2. Flare was shut down on 5th September 2024 for ~0.50 hours due to phase fail. The flare was restarted remotely. 3. Flare was shut down on 6th September ~4.50 hours due power supply outage. The flare was restarted remotely. 4. Flare was shut down on 6th September 2024 for ~2.25 hours due to power supply outage caused by high winds. The flare was restarted remotely. 5. Flare was shut down on 7th September for ~8.50 hours due to power supply outage caused by high winds. The flare was restarted remotely. 6. Flare was shut down on 18th September 2024 for ~4.00 hours due to phase fail. The flare was restarted remotely. 7. Flare was shut down on 19th September 2024 for ~9.75 hours due to phase fail. The flare was restarted remotely.						



Quarterly Summary of EPA Monitoring Data



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Monitoring Period	September 2024 (Monthly) Surface water sampled 05 September 2024.			
Date Published	10 October 2024			
EPA Licence No.	13091			
EPA Licence Hyperlink	https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=211659&SYSUID=1&LICID=13091			
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	4
Conductivity	µS/cm (Note 2)	Monthly	1	362
Nitrogen (ammonia)	mg/L (Note 1)	Monthly	1	0.04
pH	pH	Monthly	1	7.98
Total suspended solids	mg/L (Note 1)	Monthly	1	16
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	June 2024 - September 2024 Surface water sampled 05 September 2024. Groundwater sampled 06 September 2024.			
Date Published	10 October 2024			
EPA Licence No.	13091			
EPA Licence Hyperlink	https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=211659&SYSUID=1&LICID=13091			
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	6
Conductivity	µS/cm (Note 3)	Quarterly	1	402
Dissolved Oxygen	mg/L (Note 1)	Quarterly	1	10.7
Faecal Coliforms	org/100 mL (Note 4)	Quarterly	1	~120
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.01
pH	pH	Quarterly	1	8.8
Potassium	mg/L (Note 1)	Quarterly	1	6.1
Redox potential	mV (Note 5)	Quarterly	1	170.0
Total dissolved solids	mg/L (Note 1)	Quarterly	1	258
Total organic carbon	mg/L (Note 1)	Quarterly	1	13.8
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 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
Explanatory Notes	Sample could not be collected as there was no water at this location.			



Quarterly Summary of EPA Monitoring Data



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	367
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	10.4
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	~53
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	<0.01
pH	pH	Quarterly	1	9.32
Potassium	mg/L (Note 2)	Quarterly	1	5.3
Redox potential	mV (Note 4)	Quarterly	1	242.0
Total dissolved solids	mg/L (Note 2)	Quarterly	1	208
Total organic carbon	mg/L (Note 2)	Quarterly	1	4.2
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	390
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9.6
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	~980
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.01
pH	pH	Quarterly	1	8.01
Potassium	mg/L (Note 2)	Quarterly	1	5.7
Redox potential	mV (Note 4)	Quarterly	1	189.0
Total dissolved solids	mg/L (Note 2)	Quarterly	1	206
Total organic carbon	mg/L (Note 2)	Quarterly	1	4.6
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)			



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	4190
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	4.6
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	~18000
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	207
pH	pH	Quarterly	1	7.82
Potassium	mg/L (Note 2)	Quarterly	1	176.0
Redox potential	mV (Note 4)	Quarterly	1	446.0
Total dissolved solids	mg/L (Note 2)	Quarterly	1	1860
Total organic carbon	mg/L (Note 2)	Quarterly	1	176.2
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	504
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9.2
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	210
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	3.18
pH	pH	Quarterly	1	6.87
Potassium	mg/L (Note 2)	Quarterly	1	10.6
Redox potential	mV (Note 4)	Quarterly	1	39.0
Total dissolved solids	mg/L (Note 2)	Quarterly	1	262
Total organic carbon	mg/L (Note 2)	Quarterly	1	11.1
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	502
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	8.1
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	~440
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	2.64



Quarterly Summary of EPA Monitoring Data



pH	pH	Quarterly	1	7.04
Potassium	mg/L (Note 2)	Quarterly	1	10.30
Redox potential	mV (Note 4)	Quarterly	1	56.0
Total dissolved solids	mg/L (Note 2)	Quarterly	1	274
Total organic carbon	mg/L (Note 2)	Quarterly	1	11.4
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	2.67
Chloride	mg/L (Note 1)	Quarterly	1	79
Magnesium	mg/L (Note 1)	Quarterly	1	8.84
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.18
pH	pH units	Quarterly	1	5.9
Potassium	mg/L (Note 1)	Quarterly	1	2
Sodium	mg/L (Note 1)	Quarterly	1	46.6
Standing Water Level (TOC)	metres	Quarterly	1	7.65
Standing Water Level (m AHD)	metres	NA	NA	62
Sulfate	mg/L (Note 1)	Quarterly	1	18
Total dissolved solids	mg/L (Note 1)	Quarterly	1	209
Total organic carbon	mg/L (Note 1)	Quarterly	1	9.6
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	40.8
Chloride	mg/L (Note 1)	Quarterly	1	190
Magnesium	mg/L (Note 1)	Quarterly	1	26.6
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	25.6
pH	pH units	Quarterly	1	6.3
Potassium	mg/L (Note 1)	Quarterly	1	47
Sodium	mg/L (Note 1)	Quarterly	1	119
Standing Water Level (TOC)	metres	Quarterly	1	6.14
Standing Water Level (m AHD)	metres	NA	NA	60.5
Sulfate	mg/L (Note 1)	Quarterly	1	0.38
Total dissolved solids	mg/L (Note 1)	Quarterly	1	696
Total organic carbon	mg/L (Note 1)	Quarterly	1	50.1
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	1.76
Chloride	mg/L (Note 1)	Quarterly	1	40
Magnesium	mg/L (Note 1)	Quarterly	1	4.88
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.01
pH	pH units	Quarterly	1	6.2
Potassium	mg/L (Note 1)	Quarterly	1	1.1
Sodium	mg/L (Note 1)	Quarterly	1	22.7
Standing Water Level (TOC)	metres	Quarterly	1	21.8
Standing Water Level (m AHD)	metres	NA	NA	99.86
Sulfate	mg/L (Note 1)	Quarterly	1	0.3
Total dissolved solids	mg/L (Note 1)	Quarterly	1	92
Total organic carbon	mg/L (Note 1)	Quarterly	1	9.6
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			