



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 The information and data in this table must not be published elsewhere by any means without prior written consent from Kimbriki Environmental Enterprises.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-22						
Date Published	20 April 2022						
EPA Licence No.	13091						
EPA Licence Hyperlink	https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=237374&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)	<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 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	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						



EPA Monitoring Data Summary



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)
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	2	<5	<5	20	no
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	23	<0.01	1.3 (Note 3)	1	no
pH	pH	Daily during any discharge	23	6.93	8.22	6.5-8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	23	<5	580 (Note 4)	50	yes
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 exceedance was recorded on 4th March 2022 as the five-day cumulative rainfall was 241mm, which exceeded the five-day duration 90th percentile rainfall event allowance for discharge (being 62.1mm). (Note 4) No exceedances were recorded from 1st March 2022 to 9th March 2022, 28th to 29th March 2022 and on 31st March 2022 as the five-day cumulative rainfalls 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	0.9	1.1	0.6	no
Temperature	°C (Note 1)	Continuous	Continuous	749	805	760	yes
Explanatory Notes		(Note 1) °C (degrees Celsius) (Note 2) The parameter value must be greater than the Lower Limit specified					



Non-compliances



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-22					
Date Published	20 April 2022					
EPA Licence No.	13091					
EPA Licence Hyperlink	https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=237374&SYSUID=1&LICID=13091					
Licensee Name	KIMBRIKI ENVIRONMENTAL ENTERPRISES PTY LIMITED					
Licensee Address	PO BOX 196, Terrey Hills, NSW 2084					
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	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	26/03/2022	64	51
Explanatory Notes	<p>(Note 1) mm (millimetres) (Note 2) mg/L (milligrams per litre) (Note 3) Field tests indicate that this parameter should be within the limits for surface water discharge so it is unclear why the laboratory result is slightly elevated. However, the 5-day cumulative rainfall at the time of exceedance on 26th March 2022 was 82% of the 62.1mm allowance for discharge in a five-day duration 90th percentile rainfall event. Additionally, the site received an unprecedented amount of rainfall (576.5mm) that occurred earlier in the month, which generated a significant amount of run-off to be treated on site. Kimbriki performs daily inspections of sediment controls and proactively maintain controls by all means practical to ensure potential for suspended solids discharge is minimised.</p>					
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	Lower Limit (Note 2)	Date of non-compliance	Min. value
Temperature	°C (Note 1)	Continuous	Continuous	760	4/3/22	749 (Note 3)
Explanatory Notes	<p>(Note 1) °C (degrees Celsius) (Note 2) The parameter value must be greater than the Lower Limit specified (Note 3) Low temperature occurred on 4th March 2022 for ~15 minutes while the flare was restarting after a power supply outage. The flare hire contractor conducts monthly inspection and maintenance of the flare (and additional maintenance as required) to minimise flare outages and to ensure the flare is operating correctly.</p>					



Monthly Summary of EPA Monitoring Data - No Limit

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-22						
Date Published	20 April 2022						
EPA Licence No.	13091						
EPA Licence Hyperlink	https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=237374&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	Mean value	Median value	Max. value
Explanatory Notes	(Note 1) $\mu\text{S/cm}$ (microsiemens per centimetre)						
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 month	Min. value	Mean value	Median value	Max. value
Explanatory Notes	(Note 1) $\mu\text{S/cm}$ (microsiemens per centimetre)						
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	Mean value	Median value	Max. value
Explanatory Notes	(Note 1) $\mu\text{S/cm}$ (microsiemens per centimetre)						
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	Mean value	Median value	Max. value
Conductivity	$\mu\text{S/cm}$ (Note 1)	Daily during any discharge	23	133	287	268	431
Explanatory Notes	(Note 1) $\mu\text{S/cm}$ (microsiemens per centimetre)						
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)						
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)	361	375	410
Explanatory Notes	(Note 1) m^3/h (cubic metres per hour) (Note 2) Zero value due to: 1. Flare was shut down on 4th March 2022 for ~2 hours due to a power supply outage. Flare was restarted remotely. 2. Flare was shut down on 6th March 2022 for ~24.5 hours due to low methane that occurred during the weekend. Attempts were made to restart the remotely on 6th March but these were unsuccessful due to a power failure. Flare was able to be restarted remotely on the next business day. 3. Flare was shut down on 8th March 2022 for ~2.5 hours due to a flame failure. Flare was restarted remotely.						



Quarterly + Yearly Summary of EPA Monitoring Data



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) + March 2021 - March 2022 (Yearly).
Date Published	20 April 2022
EPA Licence No.	13091
EPA Licence Hyperlink	https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=237374&SYSUID=1&LICID=13091
Licensee Name	KIMBRIKI ENVIRONMENTAL ENTERPRISES PTY LIMITED
Licensee Address	PO BOX 196, Terrey Hills, NSW 2084
Explanatory Notes	Quarterly and annual sampling of surface water and ground water was postponed in March 2022 due to unprecedented monthly rainfall (699.5mm) resulting in site conditions which are unsafe for sampling and water testing at monitoring points. The March 2022 quarterly and annual sampling rounds will be conducted in April 2022, pending the availability of the laboratory's field sampling team and weather conditions on site.