



EPA Monitoring Data Summary



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Monitoring Period	Mar-25						
Date Published	17 April 2025						
EPA Licence No.	13091						
EPA Licence Hyperlink	https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=323307&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)
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	1	4	4	20	no
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	1	0.08	0.08	1	no
pH	pH	Daily during any discharge	1	8.01	8.01	6.5-8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	1	100 (Note 3)	100 (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 30th Mar 2025 as the five-day cumulative rainfall was 74mm, which exceeded the five-day duration 90th percentile rainfall event allowance for discharge (being 62.1mm).						
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 discharged 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	<2	5	20	no



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Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	2	0.06	0.26	1	no
pH	pH	Daily during any discharge	2	8.00	8.44	6.5-8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	2	2	910 (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 31st Mar 2025 as the five-day cumulative rainfall was 78.5mm, 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, <i>Kimbriki Monitoring Sites.pdf</i> , 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	0.80	1.10	0.6	no
Temperature	°C (Note 1)	Continuous	Continuous	846.3	854.3	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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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
Conductivity	µS/cm (Note 1)	Daily during any discharge	1	360	360	360	360
Explanatory Notes		(Note 1) µS/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		No surface water discharged 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	Mean value	Median value	Max. value
Conductivity	µS/cm (Note 1)	Daily during any discharge	2	242	415	415	587
Explanatory Notes		(Note 1) µS/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)	364.4	364.0	434.0
Explanatory Notes		(Note 1) m ³ /h (cubic metres per hour) (Note 2) Zero value due to Flare shut down on 7th March 2025 for 1.00 hour due to drager calibration.					



Quarterly Summary of EPA Monitoring Data



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Monitoring Period	March 2025 (Monthly) Surface water sampled 6th March 2025			
Date Published	17 April 2025			
EPA Licence No.	13091			
EPA Licence Hyperlink	https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=323307&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)		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	Value
Biochemical oxygen demand	mg/L (Note 1)	Monthly	1	3
Conductivity	µS/cm (Note 2)	Monthly	1	306
Nitrogen (ammonia)	mg/L (Note 1)	Monthly	1	0.03
pH	pH	Monthly	1	8.11
Total suspended solids	mg/L (Note 1)	Monthly	1	8
Explanatory Notes	(Note 1) mg/L (milligrams per litre) (Note 2) µS/cm (microsiemens per centimetre)			



Quarterly + Yearly Summary of EPA Monitoring Data



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Monitoring Period	December 2024 - March 2025 (Quarterly) + March 2024 - March 2025 (Yearly). Surface water sampled 6 March 2024. Groundwater sampled 6,7,31 March 2024.			
Date Published	17 April 2025			
EPA Licence No.	13091			
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Licensee Name	KIMBRIKI ENVIRONMENTAL ENTERPRISES PTY LIMITED			
Licensee Address	PO BOX 196, Terrey Hills, NSW 2084			
Monitoring Location (EPA Point 1/11)		Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 1/11)		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter/year	Value
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	1	3
Conductivity	µS/cm (Note 3)	Quarterly	1	579
Dissolved Oxygen	mg/L (Note 1)	Quarterly	1	7.4
Faecal Coliforms	org/100 mL (Note 4)	Quarterly	1	~30000
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.06
pH	pH	Quarterly	1	8.12
Potassium	mg/L (Note 1)	Quarterly	1	12.4
Redox potential	mV (Note 5)	Quarterly	1	155
Total dissolved solids	mg/L (Note 1)	Quarterly	1	372
Total organic carbon	mg/L (Note 1)	Quarterly	1	16.3
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)		Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 3/12)		



Quarterly + Yearly Summary of EPA Monitoring Data



Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter/year	Value
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	1	4
Conductivity	µS/cm (Note 3)	Quarterly	1	458
Dissolved Oxygen	mg/L (Note 1)	Quarterly	1	6.9
Faecal Coliforms	org/100 mL (Note 4)	Quarterly	1	~3400
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.01
pH	pH	Quarterly	1	7.8
Potassium	mg/L (Note 1)	Quarterly	1	11.4
Redox potential	mV (Note 5)	Quarterly	1	421
Total dissolved solids	mg/L (Note 1)	Quarterly	1	284
Total organic carbon	mg/L (Note 1)	Quarterly	1	12.8
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)			



Quarterly + Yearly Summary of EPA Monitoring Data



Monitoring Location (EPA Point 4) Leachate Holding Riser - no discharge from site.		Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 4)		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter/year	Value
Alkalinity (as calcium carbonate)	mg/L (Note 1)	yearly	1	<5
Aluminium	mg/L (Note 1)	yearly	1	0.027
Arsenic	mg/L (Note 1)	yearly	1	0.0046
Barium	mg/L (Note 1)	yearly	1	0.88
Benzene	mg/L (Note 1)	yearly	1	<0.002
Cadmium	mg/L (Note 1)	yearly	1	<0.0001
Calcium	mg/L (Note 1)	yearly	1	125.00
Chloride	mg/L (Note 1)	yearly	1	400.00
Chromium (hexavalent)	mg/L (Note 1)	yearly	1	<0.005
Chromium (total)	mg/L (Note 1)	yearly	1	0.0168
Cobalt	mg/L (Note 1)	yearly	1	0.0052
Conductivity	µS/cm (Note 2)	yearly	1	4437
Copper	mg/L (Note 1)	yearly	1	<0.0005
Ethylbenzene	mg/L (Note 1)	yearly	1	<0.002
Fluoride	mg/L (Note 1)	yearly	1	0.17
Lead	mg/L (Note 1)	yearly	1	0.0001
Magnesium	mg/L (Note 1)	yearly	1	46
Manganese	mg/L (Note 1)	yearly	1	0.163
Mercury	mg/L (Note 1)	yearly	1	<0.0003
Nitrate + Nitrite (oxidised nitrogen)	mg/L (Note 1)	yearly	1	0.07
Nitrogen (Ammonia)	mg/L (Note 1)	yearly	1	272
Organochlorine pesticides	mg/L (Note 1)	yearly	1	<0.0001
Organophosphate pesticides	mg/L (Note 1)	yearly	1	<0.0025
pH	pH units	yearly	1	7.10
Phosphate	mg/L (Note 1)	yearly	1	0.007
Phosphorus (total)	mg/L (Note 1)	yearly	1	0.39



Quarterly + Yearly Summary of EPA Monitoring Data



Polycyclic aromatic hydrocarbons	mg/L (Note 1)	yearly	1	<0.001
Potassium	mg/L (Note 1)	yearly	1	152.00
Sodium	mg/L (Note 1)	yearly	1	296.00
Standing Water Level (m below TOC)	metres	yearly	1	6.50
Standing Water Level (m AHD)	metres	yearly	1	61.84
Sulfate	mg/L (Note 1)	yearly	1	3.00
Toluene	mg/L (Note 1)	yearly	1	<0.001
Total Dissolved Solids - TDS	mg/L (Note 1)	yearly	1	1735.00
Total Organic Carbon - TOC	mg/L (Note 1)	yearly	1	111.90
Total Petroleum Hydrocarbons	mg/L (Note 1)	yearly	1	0.30
Total Phenolics	mg/L (Note 1)	yearly	1	<0.05
Total Suspended Solids	mg/L (Note 1)	yearly	1	49
Xylene	mg/L (Note 1)	yearly	1	<0.002
Zinc	mg/L (Note 1)	yearly	1	0.003
Explanatory Notes	(Note 1) mg/L (milligrams per litre) (Note 2) µS/cm (microsiemens per centimetre)			



Quarterly + Yearly Summary of EPA Monitoring Data



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/year	Value
Conductivity	µS/cm (Note 1)	Quarterly	1	724
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	8.5
Faecal Coliforms	org/100 mL (Note 3)	Quarterly	1	~1600
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.21
pH	pH	Quarterly	1	7.84
Potassium	mg/L (Note 2)	Quarterly	1	18.60
Redox potential	mV (Note 4)	Quarterly	1	193
Total dissolved solids	mg/L (Note 2)	Quarterly	1	456
Total organic carbon	mg/L (Note 2)	Quarterly	1	10.2
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)		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/year	Value
Conductivity	µS/cm (Note 1)	Quarterly	1	575
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	7.6
Faecal Coliforms	org/100 mL (Note 3)	Quarterly	1	~72000
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.07
pH	pH	Quarterly	1	7.84
Potassium	mg/L (Note 2)	Quarterly	1	12.4
Redox potential	mV (Note 4)	Quarterly	1	165
Total dissolved solids	mg/L (Note 2)	Quarterly	1	341
Total organic carbon	mg/L (Note 2)	Quarterly	1	11.5
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)			



Quarterly + Yearly 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/year	Value
Conductivity	µS/cm (Note 1)	Quarterly	1	3710
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	4.8
Faecal Coliforms	org/100 mL (Note 3)	Quarterly	1	~1000000
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	169
pH	pH	Quarterly	1	7.96
Potassium	mg/L (Note 2)	Quarterly	1	205
Redox potential	mV (Note 4)	Quarterly	1	121
Total dissolved solids	mg/L (Note 2)	Quarterly	1	1765
Total organic carbon	mg/L (Note 2)	Quarterly	1	140.6
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 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/year	Value
Conductivity	µS/cm (Note 1)	Quarterly	1	408
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	8.3
Faecal Coliforms	org/100 mL (Note 3)	Quarterly	1	~500
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	1.07
pH	pH	Quarterly	1	7.07
Potassium	mg/L (Note 2)	Quarterly	1	13.6
Redox potential	mV (Note 4)	Quarterly	1	73
Total dissolved solids	mg/L (Note 2)	Quarterly	1	238
Total organic carbon	mg/L (Note 2)	Quarterly	1	8.8
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/year	Value
Conductivity	µS/cm (Note 1)	Quarterly	1	427



Quarterly + Yearly Summary of EPA Monitoring Data



Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	7.9
Faecal Coliforms	org/100 mL (Note 3)	Quarterly	1	~2000
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.57
pH	pH	Quarterly	1	7.21
Potassium	mg/L (Note 2)	Quarterly	1	12.7
Redox potential	mV (Note 4)	Quarterly	1	170
Total dissolved solids	mg/L (Note 2)	Quarterly	1	243
Total organic carbon	mg/L (Note 2)	Quarterly	1	10.1
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/year	Value
Alkalinity (as calcium carbonate)	mg/L (Note 1)	Quarterly	1	<5
Aluminium	mg/L (Note 1)	Yearly	1	5.92
Arsenic	mg/L (Note 1)	Yearly	1	0.0026
Barium	mg/L (Note 1)	Yearly	1	0.104
Benzene	mg/L (Note 1)	Yearly	1	<0.002
Cadmium	mg/L (Note 1)	Yearly	1	0.0002
Calcium	mg/L (Note 1)	Quarterly	1	2.65
Chloride	mg/L (Note 1)	Quarterly	1	83
Chromium (hexavalent)	mg/L (Note 1)	Yearly	1	<0.005
Chromium (total)	mg/L (Note 1)	Yearly	1	0.0549
Cobalt	mg/L (Note 1)	Yearly	1	0.013
Copper	mg/L (Note 1)	Yearly	1	0.0194
Ethylbenzene	mg/L (Note 1)	Yearly	1	<0.002
Fluoride	mg/L (Note 1)	Yearly	1	<0.10
Lead	mg/L (Note 1)	Yearly	1	0.0509
Magnesium	mg/L (Note 1)	Quarterly	1	8.32
Manganese	mg/L (Note 1)	Yearly	1	0.782
Mercury	mg/L (Note 1)	Yearly	1	0.00001
Nitrate + Nitrite (oxidised Nitrogen)	mg/L (Note 1)	Yearly	1	0.07
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.22
Organochlorine pesticides	mg/L (Note 1)	Yearly	1	<0.0001
Organophosphate pesticides	mg/L (Note 1)	Yearly	1	<0.0025



Quarterly + Yearly Summary of EPA Monitoring Data



pH	pH units	Quarterly	1	5.7
Polycyclic Aromatic Hydrocarbons	mg/L (Note 1)	Yearly	1	<0.001
Potassium	mg/L (Note 1)	Quarterly	1	2.3
Sodium	mg/L (Note 1)	Quarterly	1	44.2
Standing Water Level (TOC)	metres	Quarterly	1	7.54
Standing Water Level (m AHD)	metres	NA	NA	62.1
Sulfate	mg/L (Note 1)	Quarterly	1	25
Toluene	mg/L (Note 1)	Yearly	1	<0.001
Total dissolved solids	mg/L (Note 1)	Quarterly	1	226
Total organic carbon	mg/L (Note 1)	Quarterly	1	7.2
Total Petroleum Hydrocarbons	mg/L (Note 1)	Yearly	1	<0.2
Total Phenolics	mg/L (Note 1)	Yearly	1	<0.05
Xylene	mg/L (Note 1)	Yearly	1	<0.002
Zinc	mg/L (Note 1)	Yearly	1	1.01
Explanatory Notes	(Note 1) mg/L (milligrams per litre)			

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/year	Value
Alkalinity (as calcium carbonate)	mg/L (Note 1)	Quarterly	1	<5
Aluminium	mg/L (Note 1)	Yearly	1	0.239
Arsenic	mg/L (Note 1)	Yearly	1	0.0014
Barium	mg/L (Note 1)	Yearly	1	0.336
Benzene	mg/L (Note 1)	Yearly	1	<0.002
Cadmium	mg/L (Note 1)	Yearly	1	<0.0001
Calcium	mg/L (Note 1)	Quarterly	1	52.5
Chloride	mg/L (Note 1)	Quarterly	1	230
Chromium (hexavalent)	mg/L (Note 1)	Yearly	1	<0.005
Chromium (total)	mg/L (Note 1)	Yearly	1	0.04
Cobalt	mg/L (Note 1)	Yearly	1	0.0023
Copper	mg/L (Note 1)	Yearly	1	0.0022
Ethylbenzene	mg/L (Note 1)	Yearly	1	<0.002
Fluoride	mg/L (Note 1)	Yearly	1	<0.10
Lead	mg/L (Note 1)	Yearly	1	0.0032



Quarterly + Yearly Summary of EPA Monitoring Data



Magnesium	mg/L (Note 1)	Quarterly	1	29.8
Manganese	mg/L (Note 1)	Yearly	1	1.05
Mercury	mg/L (Note 1)	Yearly	1	<0.00001
Nitrate + Nitrite (oxidised Nitrogen)	mg/L (Note 1)	Yearly	1	0.07
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	30.9
Organochlorine pesticides	mg/L (Note 1)	Yearly	1	<0.0001
Organophosphate pesticides	mg/L (Note 1)	Yearly	1	<0.0025
pH	pH units	Quarterly	1	6.4
Polycyclic Aromatic Hydrocarbons	mg/L (Note 1)	Yearly	1	<0.001
Potassium	mg/L (Note 1)	Quarterly	1	55.5
Sodium	mg/L (Note 1)	Quarterly	1	130
Standing Water Level (TOC)	metres	Quarterly	1	5.63
Standing Water Level (m AHD)	metres	NA	NA	61
Sulfate	mg/L (Note 1)	Quarterly	1	0.56
Toluene	mg/L (Note 1)	Yearly	1	<0.001
Total dissolved solids	mg/L (Note 1)	Quarterly	1	850
Total organic carbon	mg/L (Note 1)	Quarterly	1	49.1
Total Petroleum Hydrocarbons	mg/L (Note 1)	Yearly	1	<0.2
Total Phenolics	mg/L (Note 1)	Yearly	1	<0.05
Xylene	mg/L (Note 1)	Yearly	1	<0.002
Zinc	mg/L (Note 1)	Yearly	1	0.03
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/year	Value
Alkalinity (as calcium carbonate)	mg/L (Note 1)	Quarterly	1	<5
Aluminium	mg/L (Note 1)	Yearly	1	0.66
Arsenic	mg/L (Note 1)	Yearly	1	0.0009
Barium	mg/L (Note 1)	Yearly	1	0.152
Benzene	mg/L (Note 1)	Yearly	1	<0.002
Cadmium	mg/L (Note 1)	Yearly	1	<0.0001
Calcium	mg/L (Note 1)	Quarterly	1	1.59



Quarterly + Yearly Summary of EPA Monitoring Data



Chloride	mg/L (Note 1)	Quarterly	1	44
Chromium (hexavalent)	mg/L (Note 1)	Yearly	1	<0.005
Chromium (total)	mg/L (Note 1)	Yearly	1	0.029
Cobalt	mg/L (Note 1)	Yearly	1	0.002
Copper	mg/L (Note 1)	Yearly	1	0.003
Ethylbenzene	mg/L (Note 1)	Yearly	1	<0.002
Fluoride	mg/L (Note 1)	Yearly	1	<0.10
Lead	mg/L (Note 1)	Yearly	1	0.0027
Magnesium	mg/L (Note 1)	Quarterly	1	4.66
Manganese	mg/L (Note 1)	Yearly	1	0.531
Mercury	mg/L (Note 1)	Yearly	1	<0.00001
Nitrate + Nitrite (oxidised Nitrogen)	mg/L (Note 1)	Yearly	1	0.07
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.05
Organochlorine pesticides	mg/L (Note 1)	Yearly	1	<0.0001
Organophosphate pesticides	mg/L (Note 1)	Yearly	1	<0.0025
pH	pH units	Quarterly	1	6.3
Polycyclic Aromatic Hydrocarbons	mg/L (Note 1)	Yearly	1	<0.001
Potassium	mg/L (Note 1)	Quarterly	1	1.4
Sodium	mg/L (Note 1)	Quarterly	1	21.7
Standing Water Level (TOC)	metres	Quarterly	1	21.78
Standing Water Level (m AHD)	metres	NA	NA	99.88
Sulfate	mg/L (Note 1)	Quarterly	1	0.36
Toluene	mg/L (Note 1)	Yearly	1	<0.001
Total dissolved solids	mg/L (Note 1)	Quarterly	1	119
Total organic carbon	mg/L (Note 1)	Quarterly	1	4
Total Petroleum Hydrocarbons	mg/L (Note 1)	Yearly	1	<0.2
Total Phenolics	mg/L (Note 1)	Yearly	1	<0.05
Xylene	mg/L (Note 1)	Yearly	1	<0.002
Zinc	mg/L (Note 1)	Yearly	1	0.028
Explanatory Notes	(Note 1) mg/L (milligrams per litre)			



Quarterly + Yearly 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/year	Value
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	1	2
Explanatory Notes	(Note 1) mg/L (milligrams per litre) (Note 2) Special Frequency 1 - Quarterly and on the first day of discharge			