

EPA Monitoring Data Summary



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Jun-22	Jun-22					
15 July 202	5 July 2022					
13091						
https://app.e	pa.nsw.gov.au,	/prpoeoapp/Vie	ewPOEOLice	ence.aspx?D	OCID=24615	8&SYSUID=1
&LICID=1309	<u>1</u>					
KIMBRIKI E	NVIRONMEN	TAL ENTERP	RISES PT	Y LIMITED		
PO BOX 19	6, Terrey Hills	, NSW 2084				
oint 1)	Please refer to ti	he map, Kimbriki	Monitoring S	ites.pdf, for l	ocation (EPA	1)
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)
mg/L (Note 1)	Special Frequency 1 (Note 2)	1	<5	<5	20	no
mg/L (Note 1)	Daily during any discharge	1	0.07	0.07	1	no
рН	Daily during any discharge	1	7.71	7.71	6.5-8.5	no
(Note 1)	Daily during any discharge	1	15.0	15.0	50	no
			the first day o	of discharge		
oint 2)	Please refer to ti	he map, Kimbriki	Monitoring S	ites.pdf, for l	ocation (EPA	2)
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)
No surface wa	ter discharge occ	urred from this m	onitoring poi	nt during the I	month.	
oint 3)	Please refer to the	he map, Kimbriki	Monitoring S	ites.pdf, for l	ocation (EPA	3)
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)
No surface wa	ter discharge occ	urred from this m	onitoring poi	nt during the I	month.	
	15 July 202: 13091 https://app.e &LICID=1309 KIMBRIKI E PO BOX 19 bint 1) Units of measure mg/L (Note 1) mg/L (Note 1) pH mg/L (Note 1) (Note 2) Specionit 2) Units of measure No surface was bint 3) Units of measure	15 July 2022 13091 https://app.epa.nsw.gov.au/ &LICID=13091 KIMBRIKI ENVIRONMEN PO BOX 196, Terrey Hills point 1) Units of measure mg/L Special Frequency required by licence mg/L (Note 1) Daily during any discharge mg/L Daily during any discharge mg/L Oberly during any discharge mg/L (Note 1) Please refer to the standard of the standar	15 July 2022 13091 https://app.epa.nsw.gov.au/prpoeoapp/Vid&LICID=13091 KIMBRIKI ENVIRONMENTAL ENTERP PO BOX 196, Terrey Hills, NSW 2084 pint 1) Please refer to the map, Kimbriki Monitoring frequency required by licence mg/L Special 1 Frequency 1 (Note 1) Frequency 1 (Note 2) mg/L Daily during any 1 discharge mg/L Daily during any 1 discharge mg/L Olaily during any 1 discharge mg/L Olaily during any 1 discharge mg/L (Note 1) Daily during any 1 discharge mg/L Olaily during any 1 discharge (Note 1) mg/L (milligrams per litre) (Note 2) Special Frequency 1 - Quarterly and on pint 2) Please refer to the map, Kimbrikii measure Monitoring frequency required by licence No surface water discharge occurred from this measure frequency required by licence No. of times measured during month No surface water discharge occurred from this measured during month	15 July 2022 13091 https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLice &LICID=13091 KIMBRIKI ENVIRONMENTAL ENTERPRISES PT PO BOX 196, Terrey Hills, NSW 2084 pint 1) Please refer to the map, Kimbriki Monitoring S Monitoring frequency required by licence mg/L (Note 1) Frequency 1 (Note 2) mg/L (Note 1) Daily during any 1 0.07 (Note 1) Daily during any 1 7.71 discharge mg/L (Note 1) Monitoring any 1 15.0 (Note 1) Mosurface water discharge occurred from this monitoring S Wo surface water discharge occurred from this monitoring point No surface water discharge occurred from this monitoring S Units of measure frequency required by licence occurred from this monitoring S Units of measure frequency required by licence occurred from this monitoring S Units of measure frequency required by licence occurred from this monitoring S Units of measure frequency required by licence occurred from this monitoring S Monitoring frequency required by licence occurred from this monitoring point No of times measured during month Min. value of times measured during month Monitoring frequency required by licence occurred from this monitoring so occurred frequency measured during month Monitoring frequency required by licence occurred from this monitoring so occurred from this monitoring so occurred frequency measured during month	15 July 2022 13091 https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?D &LICID=13091 KIMBRIKI ENVIRONMENTAL ENTERPRISES PTY LIMITED PO BOX 196, Terrey Hills, NSW 2084 bint 1) Please refer to the map, Kimbriki Monitoring Sites.pdf, for No. of times measured during month Units of measure Monitoring frequency required by licence mg/L (Note 1) Frequency 1 (Note 2) mg/L (Note 1) Daily during any 1 0.07 0.07 0.07 (Note 1) July during any 1 7.71 7.71 7.71 discharge mg/L (Note 1) Daily during any 1 15.0 15.0 15.0 (Note 1) Monitoring frequency 1 - Quarterly and on the first day of discharge In the property of times measured during month (Note 2) Please refer to the map, Kimbriki Monitoring Sites.pdf, for Note 1 (Note 1) Whosurface water discharge occurred from this monitoring point during the licence No surface water discharge occurred from this monitoring Sites.pdf, for Note 1 (Note 2) Please refer to the map, Kimbriki Monitoring Sites.pdf, for Note 2 (Note 2) No surface water discharge occurred from this monitoring point during the licence No surface water discharge occurred from this monitoring Sites.pdf, for Note 2 (Note 2) No of times measured during month (Note 2) No of times measured during month (Note 2) No of times measured during month (Note 2) Monitoring frequency required by licence (Note 1) No of times measured during month (Note 2) Min. value (Max. value during month)	15 July 2022 13091 https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=24615 &LICID=13091 KIMBRIKI ENVIRONMENTAL ENTERPRISES PTY LIMITED PO BOX 196, Terrey Hills, NSW 2084 pint 1) Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA) Units of measure mg/L (Note 1) (Note 2) mg/L (Note 1) Daily during any discharge mg/L (Note 1) Daily during any discharge mg/L (Note 1) Paliy during any 1 0.07 0.07 1 (Note 2) mg/L (Note 1) End during any 1 0.07 0.07 1 (Note 2) T.7.1 7.71 6.5-8.5 (Note 1) mg/L (milligrams per litre) (Note 2) Special Frequency 1 - Quarterly and on the first day of discharge Dint 2) Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA) Monitoring frequency measured during month No surface water discharge occurred from this monitoring point during the month. Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA) Units of measure required by licence Monitoring frequency required by require



EPA Monitoring Data Summary



Monitoring Location (EPA P	oint 21)	Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 21)					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)	5	<5	<5	20	no
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	14	<0.01	0.33	1	no
рН	pН	Daily during any discharge	14	7.57	7.90	6.5-8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	14	<5	30.0	50	no
Explanatory Notes		(milligrams per lit al Frequency 1 - (the first day o	of discharge		
Monitoring Location (EPA P	oint 22)	Enclosed Ground to the map, Kimb	d Level Flare in ti oriki Monitoring S				. Please refer
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	792	806	760	no
Explanatory Notes		egrees Celsius) arameter value m	nust be greater t	<i>han</i> the Lowe	er Limit specit	fied	



Non-compliances



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Monitoring Period	Jun-22	Jun-22					
Date Published	15 July 2022	5 July 2022					
EPA Licence No.	13091						
EPA Licence Hyperlink	https://kimbriki.co	m.au/wp-cont	ent/uploads/	2022/06/2022	05 May EP	A Monitoring Data Summary-	
	Table Rev0.pdf						
Licensee Name	KIMBRIKI ENVIRO			PTY LIMITED			
Licensee Address	PO BOX 196, Terr	ey Hills, NSW 2	2084				
Monitoring Location (EPA Point	s 4, 16, 17, 19, 20)	Please refer to	the map, Ki	mbriki Monitorii	ng Sites.pdf,	for locations	
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)	
See 'Quarterly + Yearly Summary of EPA Monitoring Data' table and 'Quarterly Summary of EPA Monitoring Data' table	See 'Quarterly + Yearly Summary of EPA Monitoring Data' table and 'Quarterly Summary of EPA Monitoring Data' table	Quarterly and Yearly	N/A	3/6/22 and 24/6/2022	Unavailable (Note 1)	N/A	
(Note 1) A NATA-accredited laboratory conducts Kimbriki's quarterly (and yearly) groundwater monitoring rounds. There is missing data for the monitoring points in question for the following reasons: (1) the groundwater monitoring bores at points 16 and 20 became inoperable so the laboratory could not sample these points. (2) of the monitoring points that were sampled, the laboratory was inexplicably missing data for a few analytes. KEE recently engaged a new NATA accredited laboratory to conduct quarterly and annual surface water and groundwater monitoring. If the new laboratory cannot operate these bores, both/either of these monitoring points will be the subject of a licence variation. Also, it is anticipated that the new laboratory will have more rigorous quality control processes to prevent this issue from occurring.							



Monthly Summary of EPA Monitoring Data - No Limit KIMBRIKI

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Monitoring Period	Jun-22						
Date Published	15 July 2022	15 July 2022					
EPA Licence No.	13091	,					
EPA Licence	https://app.e	ttps://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=246158&SYSUID=1&LI					
Hyperlink	CID=13091						
Licensee Name	KIMBRIKI EI	VVIRONMEN	TAL ENTERPI	RISES PT	Y LIMITED		
Licensee Address	PO BOX 196	, Terrey Hills,	NSW 2084				
Monitoring Location (EPA P	oint 1)	Please refer to ti	he map, Kimbriki	Monitoring S	Sites.pdf, for l	location (EP)	4 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	353	353	353	353
Explanatory Notes	(Note 1) µS/cm	(microsiemens p	er centimetre)				
Monitoring Location (EPA P	oint 2)	Please refer to the	he map, Kimbriki	Monitoring S	Sites.pdf, for l	location (EP)	4 <i>2</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	er discharge occu	irred from this mo	nitoring poin	t during the n	nonth.	
Monitoring Location (EPA P	oint 3)	Please refer to ti	he map, Kimbriki	Monitoring S	Sites.pdf, for l	location (EP)	4 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	er discharge occu	rred from this mo	nitoring poin	t during the n	nonth.	
Monitoring Location (EPA P	oint 21)	Please refer to ti	he map, Kimbriki	Monitoring S	Sites.pdf, for l	location (EP)	A 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	14	289	373	375	426
Explanatory Notes	(Note 1) μS/cm	(microsiemens p	er centimetre)				
Monitoring Location (EPA P	oint 22)		d Level Flare in t ki Monitoring Site				es. Please refer to
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)	358	384	430
Explanatory Notes	(Note 2) Zero v. 1. Flare was sh the flaring syste restarted on site 2. Flare was sh delayed flare re notification for t 3. Flare was sh	Ite 1) m³/h (cubic metres per hour) te 2) Zero value due to: clare was shut down on 1st June 2022 for ~22.25 hours due to a power supply outage. A component of flaring system was impacted by the outage, which delayed the flare restart process. The flare was larted on site after the flaring system contractor diagnosed the issue and reset the system. Clare was shut down on 21st June 2022 for ~26.5 hours due to a power supply outage. There was a ayed flare restart as the flaring system contractor did not receive the initial auto-generated SMS flication for the shut down. The flare was eventually restarted remotely. Clare was shut down on 21st June 2022 for ~0.25 hour for maintenance. The flare was restarted remotely or maintenance was completed.					





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Monitoring Period	March 2021 - March 2022 (Yearly). Groundwater sampled 3 June 2022 and 10 June 2022. The March 2022 annual ground water monitoring round was postponed due to rainfall events which made site conditions unsafe for sampling and water testing at monitoring points, as well as the limited availability of the laboratory's field sampling team.					
Date Published	15 July 2022					
EPA Licence No.	13091					
EPA Licence Hyperlink	https://app.epa.nsw.g 58&SYSUID=1&LICID=1		ViewPOEOLicence	e.aspx?DOCID=2461		
Licensee Name	KIMBRIKI ENVIRON	MENTAL ENTE	RPRISES PTY L	IMITED		
Licensee Address	PO BOX 196, Terrey	Hills, NSW 208	4			
	ing Location (EPA Point 4) Leachate 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	2100		
Aluminium	mg/L (Note 1)	yearly	1	0.25		
Arsenic	mg/L (Note 1)	yearly	1	0.064		
Barium	mg/L (Note 1)	yearly	1	0.82		
Benzene	mg/L (Note 1)	yearly	1	<0.001		
Cadmium	mg/L (Note 1)	yearly	1	<0.0002		
Calcium	mg/L (Note 1)	yearly	1	Unavailable		
Chloride	mg/L (Note 1)	yearly	1	300		
Chromium (hexavalent)	mg/L (Note 1)	yearly	1	0.063		
Chromium (total)	mg/L (Note 1)	yearly	1	0.16		
Cobalt	mg/L (Note 1)	yearly	1	0.008		
Conductivity	μS/cm (Note 2)	yearly	1	2700		
Copper	mg/L (Note 1)	yearly	1	0.005		
Ethylbenzene	mg/L (Note 1)	yearly	1	<0.001		
Fluoride	mg/L (Note 1)	yearly	1	1.4		
Lead	mg/L (Note 1)	yearly	1	0.003		
Magnesium	mg/L (Note 1)	yearly	1	Unavailable		
Manganese	mg/L (Note 1)	yearly	1	0.38		
Mercury	mg/L (Note 1)	yearly	1	<0.0001		





Nitrate + Nitrite (oxidised nitrogen)	mg/L (Note 1)	yearly	1	1.1
Nitrogen (Ammonia)	mg/L (Note 1)	yearly	1	31
Organochlorine pesticides	mg/L (Note 1)	yearly	1	<0.005
Organophosphate pesticides	mg/L (Note 1)	yearly	1	<0.02
Ortho phosphate	mg/L (Note 1)	yearly	1	0.06
pH	pH units	yearly	1	8.1
Phosphorus (total)	mg/L (Note 1)	yearly	1	2.8
Polycyclic aromatic hydrocarbons	mg/L (Note 1)	yearly	1	<0.001
Potassium	mg/L (Note 1)	yearly	1	220
Sodium	mg/L (Note 1)	yearly	1	370
Standing Water Level (m below TOC)	metres	yearly	1	In situ
Standing Water Level (m AHD)	metres	yearly	1	In situ
Sulphate	mg/L (Note 1)	yearly	1	21
Toluene	mg/L (Note 1)	yearly	1	<0.001
Total Dissolved Solids	mg/L (Note 1)	yearly	1	2400
Total Organic Carbon	mg/L (Note 1)	yearly	1	170
Total Petroleum Hydrocarbons	mg/L (Note 1)	yearly	1	2.04
Total Phenolics	mg/L (Note 1)	yearly	1	<0.05
Total Suspended Solids	mg/L (Note 1)	yearly	1	170
Xylene	mg/L (Note 1)	yearly	1	<0.003
Zinc	mg/L (Note 1)	yearly	1	0.031
Explanatory Notes	(Note 1) mg/L (milligrar (Note 2) μS/cm (micros		netre)	





Monitoring Location (EPA Poil		the map, Kimbrik cation (EPA 16)	ki Monitoring	
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	
Aluminium	mg/L (Note 1)	Yearly	1	
Arsenic	mg/L (Note 1)	Yearly	1	
Barium	mg/L (Note 1)	Yearly	1	
Benzene	mg/L (Note 1)	Yearly	1	
Cadmium	mg/L (Note 1)	Yearly	1	
Calcium	mg/L (Note 1)	Quarterly	1	
Chloride	mg/L (Note 1)	Quarterly	1	
Chromium (hexavalent)	mg/L (Note 1)	Yearly	1	
Chromium (total)	mg/L (Note 1)	Yearly	1	
Cobalt	mg/L (Note 1)	Yearly	1	
Copper	mg/L (Note 1)	Yearly	1	
Ethylbenzene	mg/L (Note 1)	Yearly	1	
Fluoride	mg/L (Note 1)	Yearly	1	
Lead	mg/L (Note 1)	Yearly	1	Unavailable
Magnesium	mg/L (Note 1)	Quarterly	1	
Manganese	mg/L (Note 1)	Yearly	1	
Mercury	mg/L (Note 1)	Yearly	1	
Nitrate + Nitrite (oxidised	mg/L (Note 1)	Yearly	1	
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	
Organochlorine pesticides	mg/L (Note 1)	Yearly	1	
Organophosphate pesticides	mg/L (Note 1)	Yearly	1	
рН	pH units	Quarterly	1	
Polycyclic Aromatic Hydrocarbons	mg/L (Note 1)	Yearly	1	
Potassium	mg/L (Note 1)	Quarterly	1	
Sodium	mg/L (Note 1)	Quarterly	1	
Standing Water Level (TOC)	metres	Quarterly	1	





Standing Water Level (m AHD)	metres	NA	NA		
Sulfate	mg/L (Note 1)	Quarterly	1		
Toluene	mg/L (Note 1)	Yearly	1		
Total dissolved solids	mg/L (Note 1)	Quarterly	1		
Total organic carbon	mg/L (Note 1)	Quarterly	1	Unavailable	
Total Petroleum	mg/L (Note 1)	Yearly	1		
Hydrocarbons					
Total Phenolics	mg/L (Note 1)	Yearly	1		
Xylene	mg/L (Note 1)	Yearly	1		
Zinc	mg/L (Note 1)	Yearly	1		
Explanatory Notes	(Note 1) mg/L (milligrams per litre)				





Monitoring Location (EPA Poil	nt 17)		the map, Kimbrik cation (EPA 17)	i Monitoring
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	<20
Aluminium	mg/L (Note 1)	Yearly	1	0.98
Arsenic	mg/L (Note 1)	Yearly	1	<0.001
Barium	mg/L (Note 1)	Yearly	1	0.04
Benzene	mg/L (Note 1)	Yearly	1	<0.001
Cadmium	mg/L (Note 1)	Yearly	1	<0.0002
Calcium	mg/L (Note 1)	Quarterly	1	Unavailable
Chloride	mg/L (Note 1)	Quarterly	1	28
Chromium (hexavalent)	mg/L (Note 1)	Yearly	1	<0.005
Chromium (total)	mg/L (Note 1)	Yearly	1	0.002
Cobalt	mg/L (Note 1)	Yearly	1	0.004
Copper	mg/L (Note 1)	Yearly	1	0.01
Ethylbenzene	mg/L (Note 1)	Yearly	1	<0.001
Fluoride	mg/L (Note 1)	Yearly	1	<0.5
Lead	mg/L (Note 1)	Yearly	1	0.01
Magnesium	mg/L (Note 1)	Quarterly	1	Unavailable
Manganese	mg/L (Note 1)	Yearly	1	0.34
Mercury	mg/L (Note 1)	Yearly	1	<0.0001
Nitrate + Nitrite (oxidised	mg/L (Note 1)	Yearly	1	0.05
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.2
Organochlorine pesticides	mg/L (Note 1)	Yearly	1	<0.005
Organophosphate pesticides	mg/L (Note 1)	Yearly	1	<0.02
рН	pH units	Quarterly	1	6.2
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
Standing Water Level (TOC)	metres	Quarterly	1	Unavailable
Standing Water Level (m AHD)	metres	NA	NA	Unavailable





Sulfate	mg/L (Note 1)	Quarterly	1	13		
Toluene	mg/L (Note 1)	Yearly	1	<0.001		
Total dissolved solids	mg/L (Note 1)	Quarterly	1	84		
Total organic carbon	mg/L (Note 1)	Quarterly	1	<5		
Total Petroleum	mg/L (Note 1)	Yearly	1	0.27		
Hydrocarbons						
Total Phenolics	mg/L (Note 1)	Yearly	1	< 0.05		
Xylene	mg/L (Note 1)	Yearly	1	< 0.003		
Zinc	mg/L (Note 1)	Yearly	1	0.059		
Explanatory Notes	(Note 1) mg/L (milligrams per litre)					





Monitoring Location (EPA Poi	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	300
Aluminium	mg/L (Note 1)	Yearly	1	0.09
Arsenic	mg/L (Note 1)	Yearly	1	0.002
Barium	mg/L (Note 1)	Yearly	1	0.25
Benzene	mg/L (Note 1)	Yearly	1	< 0.001
Cadmium	mg/L (Note 1)	Yearly	1	<0.0002
Calcium	mg/L (Note 1)	Quarterly	1	Unavailable
Chloride	mg/L (Note 1)	Quarterly	1	120
Chromium (hexavalent)	mg/L (Note 1)	Yearly	1	<0.005
Chromium (total)	mg/L (Note 1)	Yearly	1	0.004
Cobalt	mg/L (Note 1)	Yearly	1	<0.001
Copper	mg/L (Note 1)	Yearly	1	0.007
Ethylbenzene	mg/L (Note 1)	Yearly	1	< 0.001
Fluoride	mg/L (Note 1)	Yearly	1	<0.5
Lead	mg/L (Note 1)	Yearly	1	0.001
Magnesium	mg/L (Note 1)	Quarterly	1	Unavailable
Manganese	mg/L (Note 1)	Yearly	1	0.51
Mercury	mg/L (Note 1)	Yearly	1	0.0001
Nitrate + Nitrite (oxidised Nitrogen)	mg/L (Note 1)	Yearly	1	0.06
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	26
Organochlorine pesticides	mg/L (Note 1)	Yearly	1	<0.005
Organophosphate pesticides	mg/L (Note 1)	Yearly	1	<0.02
рН	pH units	Quarterly	1	7.5
Polycyclic Aromatic Hydrocarbons	mg/L (Note 1)	Yearly	1	<0.001
Potassium	mg/L (Note 1)	Quarterly	1	71
Sodium	mg/L (Note 1)	Quarterly	1	120





Standing Water Level (TOC)	metres	Quarterly	1	Unavailable	
Standing Water Level (m AHD)	metres	NA	NA	Unavailable	
Sulfate	mg/L (Note 1)	Quarterly	1	2.3	
Toluene	mg/L (Note 1)	Yearly	1	<0.001	
Total dissolved solids	mg/L (Note 1)	Quarterly	1	510	
Total organic carbon	mg/L (Note 1)	Quarterly	1	50	
Total Petroleum	mg/L (Note 1)	Yearly	1	0.42	
Hydrocarbons					
Total Phenolics	mg/L (Note 1)	Yearly	1	< 0.05	
Xylene	mg/L (Note 1)	Yearly	1	< 0.003	
Zinc	mg/L (Note 1)	Yearly	1	0.11	
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	24	
Aluminium	mg/L (Note 1)	Yearly	1	0.21	
Arsenic	mg/L (Note 1)	Yearly	1	0.002	
Barium	mg/L (Note 1)	Yearly	1	0.14	
Benzene	mg/L (Note 1)	Yearly	1	<0.001	
Cadmium	mg/L (Note 1)	Yearly	1	<0.0002	
Calcium	mg/L (Note 1)	Quarterly	1	2.9	
Chloride	mg/L (Note 1)	Quarterly	1	40	
Chromium (hexavalent)	mg/L (Note 1)	Yearly	1	<0.005	
Chromium (total)	mg/L (Note 1)	Yearly	1	0.009	
Cobalt	mg/L (Note 1)	Yearly	1	0.002	
Copper	mg/L (Note 1)	Yearly	1	0.027	
Ethylbenzene	mg/L (Note 1)	Yearly	1	<0.001	
Fluoride	mg/L (Note 1)	Yearly	1	<0.5	
Lead	mg/L (Note 1)	Yearly	1	0.005	
Magnesium	mg/L (Note 1)	Quarterly	1	5	
Manganese	mg/L (Note 1)	Yearly	1	0.52	
Mercury	mg/L (Note 1)	Yearly	1	< 0.0001	
Nitrate + Nitrite (oxidised	mg/L (Note 1)	Yearly	1	<0.25	
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.1	
Organochlorine pesticides	mg/L (Note 1)	Yearly	1	<0.005	
Organophosphate pesticides	mg/L (Note 1)	Yearly	1	<0.02	
На	pH units	Quarterly	1	6.2	
Polycyclic Aromatic	mg/L (Note 1)	Yearly	1	<0.001	
Hydrocarbons	,	_			
Potassium	mg/L (Note 1)	Quarterly	1	1.5	
Sodium	mg/L (Note 1)	Quarterly	1	23	
Standing Water Level (TOC)	metres	Quarterly	1	Unavailable	
Standing Water Level (m AHD)	metres	NA	NA	Unavailable	





Sulfate	mg/L (Note 1)	Quarterly	1	<5
Toluene	mg/L (Note 1)	Yearly	1	<0.001
Total dissolved solids	mg/L (Note 1)	Quarterly	1	220
Total organic carbon	mg/L (Note 1)	Quarterly	1	7.6
Total Petroleum Hydrocarbons	mg/L (Note 1)	Yearly	1	0.73
Total Phenolics	mg/L (Note 1)	Yearly	1	<0.05
Xylene	mg/L (Note 1)	Yearly	1	< 0.003
Zinc	mg/L (Note 1)	Yearly	1	0.1
Explanatory Notes	(Note 1) mg/L (milligrams per litre)			





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	March 2022 - June 2022 (C sampled 24 June 2022.	March 2022 - June 2022 (Quarterly). Surface water sampled 23 June 2022. Groundwater sampled 24 June 2022.				
Date Published	15 July 2022	15 July 2022				
EPA Licence No.	13091					
EPA Licence Hyperlink	https://app.epa.nsw.gov.ar &LICID=13091	https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=246158&SYSUID=1				
Licensee Name		KIMBRIKI ENVIRONMENTAL ENTERPRISES PTY LIMITED				
Licensee Address	PO BOX 196, Terrey Hill	s, NSW 2084				
Monitoring Location (EPA Point 1/	/11)	Please refer to the male location (EPA 1/11)	ap, Kimbriki Monitol	ring Sites.pdf, for		
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	<5		
Conductivity	μS/cm (Note 3)	Quarterly	1	340		
Dissolved Oxygen	mg/L (Note 1)	Quarterly	1	10		
Faecal Coliforms	org/100 mL (Note 4)	Quarterly	1	74		
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.08		
рН	рН	Quarterly	1	7.5		
Potassium	mg/L (Note 1)	Quarterly	1	7.3		
Redox potential	mV (Note 5)	Quarterly	1	220.0		
Total dissolved solids	mg/L (Note 1)	Quarterly	1	230		
Total organic carbon	mg/L (Note 1)	Quarterly	1	<5		
Explanatory Notes	(Note 1) mg/L (milligrams μ (Note 2) Special Frequency (Note 3) μS/cm (microsiem (Note 4) org/100 mL (colon (Note 5) mV (millivolts)	y 1 - Quarterly and on the tens per centimetre)		9		
Monitoring Location (EPA Point 2)		Please refer to the map, Kimbriki Monitoring Sites.pdf, follocation (EPA 2)				
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	<5		
Explanatory Notes	(Note 1) mg/L (milligrams per litre) (Note 2) Special Frequency 1 - Quarterly and on the first day of discharge					





Monitoring Location (EPA Point 3/12)		Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 3/12)		
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	6.7
Conductivity	μS/cm (Note 3)	Quarterly	1	390
Dissolved Oxygen	mg/L (Note 1)	Quarterly	1	6.5
Faecal Coliforms	org/100 mL (Note 4)	Quarterly	1	1100
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	2.0
рН	рН	Quarterly	1	7.9
Potassium	mg/L (Note 1)	Quarterly	1	32
Redox potential	mV (Note 5)	Quarterly	1	190
Total dissolved solids	mg/L (Note 1)	Quarterly	1	280
Total organic carbon	mg/L (Note 1)	Quarterly	1	18
Monitoring Location (EPA Point 7)	(Note 4) org/100 mL (colon) (Note 5) mV (millivolts)	y forming units per 100 m Please refer to the malocation (EPA 7)	,	ing Sites.pdf, for
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value
Conductivity	μS/cm (Note 1)	Quarterly	1	400
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9.2
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	27
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.02
рН	pH	Quarterly	1	8.4
Potassium	mg/L (Note 2)	Quarterly	1	7.8
Redox potential	mV (Note 4)	Quarterly	1	190
Total dissolved solids	mg/L (Note 2)	Quarterly	1	210
Total organic carbon	mg/L (Note 2)	Quarterly	1	<5
Explanatory Notes	mg/L (Note 2) Quarterly I <5 (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 8)		Please refer to the malocation (EPA 8)	ap, Kimbriki Monitor	ing Sites.pdf, for
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value
Conductivity	μS/cm (Note 1)	Quarterly	1	370
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9.3
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	10
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	<0.01
рН	pН	Quarterly	1	8.8
Potassium	mg/L (Note 2)	Quarterly	1	7.5
Redox potential	mV (Note 4)	Quarterly	1	190.0
Total dissolved solids	mg/L (Note 2)	Quarterly	1	230
Total organic carbon	mg/L (Note 2)	Quarterly	1	<5
Explanatory Notes Monitoring Location (EPA Point 9)	(Note 1) µS/cm (microsiem (Note 2) mg/L (milligrams µ (Note 3) org/100 mL (color (Note 4) mV (millivolts)	per litre)	·	ing Sites.pdf, for
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	9.3
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	45
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	<0.01
рН	pН	Quarterly	1	8.3
Potassium	mg/L (Note 2)	Quarterly	1	8.5
Redox potential	mV (Note 4)	Quarterly	1	220
Total dissolved solids	mg/L (Note 2)	Quarterly	1	220
Total organic carbon	mg/L (Note 2)	Quarterly	1	<5
Explanatory Notes	(Note 1) μS/cm (microsiem (Note 2) mg/L (milligrams μ (Note 3) org/100 mL (color (Note 4) mV (millivolts)	oer litre)	iillilitres)	
Monitoring Location (EPA Point 10)	Please refer to the male location (EPA 10)	ap, Kimbriki Monitor	ing Sites.pdf, for
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value
Conductivity	μS/cm (Note 1)	Quarterly	1	5400
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	8.5
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	<10
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	330
рН	pН	Quarterly	1	7.7
Potassium	mg/L (Note 2)	Quarterly	1	170
Redox potential	mV (Note 4)	Quarterly	1	230
Total dissolved solids	mg/L (Note 2)	Quarterly	1	2100
Total organic carbon	mg/L (Note 2)	Quarterly	1	98
Explanatory Notes	(Note 1) μS/cm (microsiem (Note 2) mg/L (milligrams μ (Note 3) org/100 mL (color (Note 4) mV (millivolts)	per litre)	nillilitres)	





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	430
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9.2
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	20
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	<0.01
рН	pН	Quarterly	1	8.3
Potassium	mg/L (Note 2)	Quarterly	1	10
Redox potential	mV (Note 4)	Quarterly	1	250
Total dissolved solids	mg/L (Note 2)	Quarterly	1	280
Total organic carbon	mg/L (Note 2)	Quarterly	1	6.5
Explanatory Notes	(Note 1) µS/cm (microsiem (Note 2) mg/L (milligrams p (Note 3) org/100 mL (colon) (Note 4) mV (millivolts)	er litre)	illilitres)	
Monitoring Location (EPA Point 14)		Please refer to the male	ap, Kimbriki Monitor	ing Sites.pdf, fo
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value
Explanatory Notes	Sample could not be collec	ted as there was no flow	at this location.	
Monitoring Location (EPA Point 15)		Please refer to the malocation (EPA 15)	ap, Kimbriki Monitor	ing Sites.pdf, for
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value
Conductivity	μS/cm (Note 1)	Quarterly	1	460
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9.2
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	170
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	1.5
DH .	pН	Quarterly	1	7.8
Potassium	mg/L (Note 2)	Quarterly	1	13
Redox potential	mV (Note 4)	Quarterly	1	240
Total dissolved solids	mg/L (Note 2)	Quarterly	1	270
Total organic carbon	mg/L (Note 2)	Quarterly	1	7.9
Explanatory Notes	(Note 1) µS/cm (microsiem (Note 2) mg/L (milligrams p (Note 3) org/100 mL (colon) (Note 4) mV (millivolts)	er litre)	illilitres)	





Monitoring Location (EPA Point 16)		Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 16)		
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	
Calcium	mg/L (Note 1)	Quarterly	1	
Chloride	mg/L (Note 1)	Quarterly	1	
Magnesium	mg/L (Note 1)	Quarterly	1	
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	
pH	pH units	Quarterly	1	
Potassium	mg/L (Note 1)	Quarterly	1	Unavailable
Sodium	mg/L (Note 1)	Quarterly	1	
Standing Water Level (TOC)	metres	Quarterly	1	
Standing Water Level (m AHD)	metres	NA NA	NA	
Sulfate	mg/L (Note 1)	Quarterly	1	
Total dissolved solids	mg/L (Note 1)	Quarterly	1	
Total organic carbon	mg/L (Note 1)	Quarterly	1	
Explanatory Notes	(Note 1) mg/L (milligrams)	•	ı ı	
Monitoring Location (EPA Point 17)		Please refer to the malocation (EPA 17) Monitoring frequency	No. of times	
Pollutant	Units of measure	required by licence	measured during quarter	Value
Alkalinity (as calcium carbonate)	mg/L (Note 1)	Quarterly	1	22
Calcium	mg/L (Note 1)	Quarterly	1	2.7
Chloride	mg/L (Note 1)	Quarterly	1	76
Magnesium	mg/L (Note 1)	Quarterly	1	9.4
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.14
рН	pH units	Quarterly	1	5.9
Potassium	mg/L (Note 1)	Quarterly	1	2.4
Sodium	mg/L (Note 1)	Quarterly	1	49
		0	1	Unavailable
Standing Water Level (TOC)	metres	Quarterly		
Standing Water Level (TOC) Standing Water Level (m AHD)	metres metres	NA	NA	Unavailable
Standing Water Level (m AHD) Sulfate		•		
Standing Water Level (m AHD) Sulfate Total dissolved solids	metres	NA	NA	Unavailable
Standing Water Level (m AHD) Sulfate	metres mg/L (Note 1)	NA Quarterly	NA 1	Unavailable 23





Pollutant Units of measure Monitoring frequency required by licence measured duquarter	Please refer to the map, Kimbriki Monitoring Sites.pdf, follocation (EPA 19)			Monitoring Location (EPA Point 19)	
Calcium mg/L (Note 1) Quarterly 1 Chloride mg/L (Note 1) Quarterly 1 Magnesium mg/L (Note 1) Quarterly 1 Nitrogen (ammonia) mg/L (Note 1) Quarterly 1 PH pH pH units Quarterly 1 Standing Water Level (TOC) metres NA NA Sulfate mg/L (Note 1) Quarterly 1 Total dissolved solids mg/L (Note 1) Quarterly 1 Total dissolved solids mg/L (Note 1) Quarterly 1 Total organic carbon mg/L (Note 1) Quarterly 1 Explanatory Notes (Note 1) Monitoring frequency required by licence quarter Pollutant Units of measure Monitoring frequency required by licence (quarter) Pollutant mg/L (Note 1) Quarterly 1 Calcium mg/L (Note 1) Quarterly 1 Chloride mg/L (Note 1) Quarterly 1 Chloride mg/L (Note 1) Quarterly 1 Nitrogen (ammonia) mg/L (Note 1) Quarterly 1 Nitrogen (ammonia) mg/L (Note 1) Quarterly 1 Nitrogen (ammonia) mg/L (Note 1) Quarterly 1 Potassium mg/L (Note 1) Quarterly 1 Standing Water Level (TOC) metres NA NA NA		No. of times measured during quarter		Units of measure	Pollutant
Chloride mg/L (Note 1) Quarterly 1 Magnesium mg/L (Note 1) Quarterly 1 Nitrogen (ammonia) mg/L (Note 1) Quarterly 1 Potassium mg/L (Note 1) Quarterly 1 Potassium mg/L (Note 1) Quarterly 1 Potassium mg/L (Note 1) Quarterly 1 Sodium mg/L (Note 1) Quarterly 1 Standing Water Level (TOC) metres Quarterly 1 Standing Water Level (m AHD) metres NA NA Sulfate mg/L (Note 1) Quarterly 1 Total dissolved solids mg/L (Note 1) Quarterly 1 Total organic carbon mg/L (Note 1) Quarterly 1 Explanatory Notes (Note 1) Quarterly 1 Explanatory Notes (Note 1) mg/L (milligrams per litre) Monitoring Location (EPA Point 20) Pollutant Units of measure Monitoring frequency required by licence measured duquarter Alkalinity (as calcium carbonate) mg/L (Note 1) Quarterly 1 Calcium mg/L (Note 1) Quarterly 1 Chloride mg/L (Note 1) Quarterly 1 No. of time measured duquarter No. of time measured duquarter Potassium mg/L (Note 1) Quarterly 1 No. of time measured du quarterly 1 Magnesium mg/L (Note 1) Quarterly 1 No. of time measured du quarterly 1 Chloride mg/L (Note 1) Quarterly 1 No. of time measured du quarterly 1 Magnesium mg/L (Note 1) Quarterly 1 No. of time measured du quarterly 1 Magnesium mg/L (Note 1) Quarterly 1 No. of time measured du quarterly 1 Magnesium mg/L (Note 1) Quarterly 1 Potassium mg/L (Note 1) Quarterly 1 Sodium mg/L (Note 1) Quarterly 1 Standing Water Level (TOC) metres NA NA	250	1	Quarterly	mg/L (Note 1)	alkalinity (as calcium carbonate)
Magnesium mg/L (Note 1) Quarterly 1 Nitrogen (ammonia) mg/L (Note 1) Quarterly 1 Potassium mg/L (Note 1) Quarterly 1 Potassium mg/L (Note 1) Quarterly 1 Standing Water Level (TOC) metres Quarterly 1 Standing Water Level (m AHD) metres Quarterly 1 Standing Water Level (m AHD) metres NA	36	1	Quarterly	mg/L (Note 1)	Calcium
Nitrogen (ammonia) mg/L (Note 1) Quarterly 1 pH units Quarterly 1 sodium mg/L (Note 1) Quarterly 1 standing Water Level (TOC) metres Quarterly 1 Standing Water Level (m AHD) metres NA NA Sulfate mg/L (Note 1) Quarterly 1 Fotal dissolved solids mg/L (Note 1) Quarterly 1 Explanatory Notes (Note 1) Quarterly 1 Explanatory Notes (Note 1) Quarterly 1 Explanatory Notes (Note 1) mg/L (Note 1) Quarterly 1 Explanatory Notes (Note 1) mg/L (milligrams per litre) Monitoring Location (EPA Point 20) Pollutant Units of measure Monitoring frequency required by licence measured duquarter Alkalinity (as calcium carbonate) mg/L (Note 1) Quarterly 1 Calcium mg/L (Note 1) Quarterly 1 Calcium mg/L (Note 1) Quarterly 1 Magnesium mg/L (Note 1) Quarterly 1 Magnesium mg/L (Note 1) Quarterly 1 Mitrogen (ammonia) mg/L (Note 1) Quarterly 1 Sitrogen (ammonia) mg/L (Note 1) Quarterly 1 DH pH units Quarterly 1 Sodium mg/L (Note 1) Quarterly 1 Sodium mg/L (Note 1) Quarterly 1 Sodium mg/L (Note 1) Quarterly 1 Standing Water Level (TOC) metres Quarterly 1 Standing Water Level (m AHD) metres NA NA	180	1	Quarterly	mg/L (Note 1)	Chloride
pH units Quarterly 1 Potassium mg/L (Note 1) Quarterly 1 Standing Water Level (TOC) metres Quarterly 1 Standing Water Level (m AHD) metres NA NA Sulfate mg/L (Note 1) Quarterly 1 Fotal dissolved solids mg/L (Note 1) Quarterly 1 Explanatory Notes (Note 1) mg/L (milligrams per litre) Monitoring Location (EPA Point 20) Pollutant Units of measure Please refer to the map, Kimbriki M location (EPA 20) Pollutant mg/L (Note 1) Quarterly 1 Please refer to the map, Kimbriki M location (EPA 20) No. of time measure please refer to the map, Kimbriki M location (EPA 20) Pollutant mg/L (Note 1) Quarterly 1 Calcium mg/L (Note 1) Quarterly 1 Magnesium mg/L (Note 1) Quarterly 1 Magnesium mg/L (Note 1) Quarterly 1 Mitrogen (ammonia) mg/L (Note 1) Quarterly 1 Diff (Note 1) Quart	19	1	Quarterly	mg/L (Note 1)	
Potassium mg/L (Note 1) Quarterly 1 Standing Water Level (TOC) metres Quarterly 1 Standing Water Level (m AHD) metres Quarterly 1 Standing Water Level (m AHD) metres NA NA Sulfate mg/L (Note 1) Quarterly 1 Fotal dissolved solids mg/L (Note 1) Quarterly 1 Fotal organic carbon mg/L (Note 1) Quarterly 1 Explanatory Notes (Note 1) mg/L (milligrams per litre) Monitoring Location (EPA Point 20) Pollutant Units of measure Monitoring frequency required by licence measured duquarter Alkalinity (as calcium carbonate) mg/L (Note 1) Quarterly 1 Calcium mg/L (Note 1) Quarterly 1 Calcium mg/L (Note 1) Quarterly 1 Calcium mg/L (Note 1) Quarterly 1 Magnesium mg/L (Note 1) Quarterly 1 Magnesium mg/L (Note 1) Quarterly 1 Mitrogen (ammonia) mg/L (Note 1) Quarterly 1 Detassium mg/L (Note 1) Quarterly 1 Standing Water Level (TOC) metres Quarterly 1 Standing Water Level (TOC) metres NA NA	24	1	Quarterly	mg/L (Note 1)	litrogen (ammonia)
Standing Water Level (TOC) metres Quarterly 1	6.6		Quarterly	pH units	
Standing Water Level (TOC) metres Quarterly 1 Standing Water Level (m AHD) Sulfate mg/L (Note 1) Guarterly 1 Total dissolved solids mg/L (Note 1) Explanatory Notes Monitoring Location (EPA Point 20) Pollutant Units of measure Whonitoring Location (EPA Point 20) Pollutant Units of measure Monitoring frequency required by licence measured duquarter Alkalinity (as calcium carbonate) mg/L (Note 1) Quarterly 1 Calcium mg/L (Note 1) Quarterly 1 Calcium mg/L (Note 1) Quarterly 1 Chloride mg/L (54		·	-	
Standing Water Level (m AHD) metres NA NA NA Sulfate mg/L (Note 1) Quarterly 1 Fotal dissolved solids mg/L (Note 1) Explanatory Notes Monitoring Location (EPA Point 20) Pollutant Units of measure Pollutant Units of measure Monitoring frequency required by licence measured duquarter Alkalinity (as calcium carbonate) mg/L (Note 1) Quarterly 1 Calcium mg/L (Note 1) Quarterly 1 Calcium mg/L (Note 1) Quarterly 1 Chloride mg/L (Note 1) Quarterly 1 Chloride (mg/L (Note 1) Quarterly 1 Chlor	100	1	Quarterly	mg/L (Note 1)	Sodium
Sulfate mg/L (Note 1) Quarterly 1 Fotal dissolved solids mg/L (Note 1) Quarterly 1 Fotal dissolved solids mg/L (Note 1) Quarterly 1 Explanatory Notes (Note 1) mg/L (milligrams per litre) Monitoring Location (EPA Point 20) Pollutant Units of measure Monitoring frequency required by licence where assured duquarter Alkalinity (as calcium carbonate) mg/L (Note 1) Quarterly 1 Calcium mg/L (Note 1) Quarterly 1 Calcium mg/L (Note 1) Quarterly 1 Chloride mg/L (Note 1) Quarterly 1 Magnesium mg/L (Note 1) Quarterly 1 Mitrogen (ammonia) mg/L (Note 1) Quarterly 1 OH pH units Quarterly 1 Potassium mg/L (Note 1) Quarterly 1 Standing Water Level (TOC) metres Quarterly 1 Standing Water Level (m AHD) metres NA NA	Unavail	1	Quarterly	metres	Standing Water Level (TOC)
Total dissolved solids mg/L (Note 1) Quarterly 1 Explanatory Notes (Note 1) mg/L (Note 1) Quarterly 1 Explanatory Notes (Note 1) mg/L (milligrams per litre) Monitoring Location (EPA Point 20) Pollutant Units of measure Monitoring frequency required by licence quarter Alkalinity (as calcium carbonate) mg/L (Note 1) Quarterly 1 Calcium mg/L (Note 1) Quarterly 1 Chloride mg/L (Note 1) Quarterly 1 Chloride mg/L (Note 1) Quarterly 1 Magnesium mg/L (Note 1) Quarterly 1 Mitrogen (ammonia) mg/L (Note 1) Quarterly 1 Di H pH units Quarterly 1 Potassium mg/L (Note 1) Quarterly 1 Sodium mg/L (Note 1) Quarterly 1 Potassium Situation mg/L (Note 1) Quarterly 1 Potassium Mg/L (Note 1) Quarterly 1 Potassium Mg/L (Note 1) Quarterly 1 Standing Water Level (TOC) metres Quarterly 1 Standing Water Level (m AHD) metres NA NA	Unavail	NA	NA	metres	Standing Water Level (m AHD)
Pollutant Units of measure Monitoring frequency required by licence No. of time measure Monitoride with measure with measure Monitoride with measure No. of time measured by licence with measured by lic	3.1	1	Quarterly	mg/L (Note 1)	· · · · · · · · · · · · · · · · · · ·
Explanatory Notes (Note 1) mg/L (milligrams per litre)	610	1	Quarterly	mg/L (Note 1)	otal dissolved solids
Pollutant Units of measure Monitoring frequency required by licence M	31	1	Quarterly	mg/L (Note 1)	otal organic carbon
Pollutant Units of measure Monitoring frequency required by licence Measured duquarter Malkalinity (as calcium carbonate) Mag/L (Note 1) Calcium Mag/L (Note 1) Magnesium Magnesium Magnesium Magnesium Magnesium Mag/L (Note 1) Magnesium Magnesium Mag/L (Note 1) Magnesium Magnesium Mag/L (Note 1) Magnesium Mag/L (Note 1) Magnesium Magnesium Mag/L (Note 1) Magnesium Mag/L (Note 1) Magnesium Magnesium Mag/L (Note 1) Magnesium Magnes		p, Kimbriki Monitor	Please refer to the ma	, , , , , , , , , , , , , , , , , , ,	Explanatory Notes
Calcium mg/L (Note 1) Quarterly 1 Chloride mg/L (Note 1) Quarterly 1 Magnesium mg/L (Note 1) Quarterly 1 Nitrogen (ammonia) mg/L (Note 1) Quarterly 1 pH units Quarterly 1 Potassium mg/L (Note 1) Quarterly 1 Sodium mg/L (Note 1) Quarterly 1 Standing Water Level (TOC) metres Quarterly 1 Standing Water Level (m AHD) metres NA NA		p, Kimbriki Monitor	Please refer to the ma	, , , , , , , , , , , , , , , , , , ,	Explanatory Notes
Chloride mg/L (Note 1) Quarterly 1 Magnesium mg/L (Note 1) Quarterly 1 Nitrogen (ammonia) mg/L (Note 1) Quarterly 1 DH pH units Quarterly 1 Potassium mg/L (Note 1) Quarterly 1 Sodium mg/L (Note 1) Quarterly 1 Standing Water Level (TOC) metres Quarterly 1 Standing Water Level (m AHD) metres NA NA	onitoring Sites.p	No. of times measured during	Please refer to the malocation (EPA 20) Monitoring frequency	(Note 1) mg/L (milligrams p	Explanatory Notes Monitoring Location (EPA Point 20)
Magnesium mg/L (Note 1) Quarterly 1 Nitrogen (ammonia) mg/L (Note 1) Quarterly 1 pH pH units Quarterly 1 Potassium mg/L (Note 1) Quarterly 1 Sodium mg/L (Note 1) Quarterly 1 Standing Water Level (TOC) metres Quarterly 1 Standing Water Level (m AHD) metres NA NA	onitoring Sites.p	No. of times measured during quarter	Please refer to the malocation (EPA 20) Monitoring frequency required by licence	(Note 1) mg/L (milligrams p	Explanatory Notes Monitoring Location (EPA Point 20) Pollutant
Mitrogen (ammonia) mg/L (Note 1) Quarterly 1	onitoring Sites.p	No. of times measured during quarter	Please refer to the malocation (EPA 20) Monitoring frequency required by licence Quarterly	(Note 1) mg/L (milligrams purple of measure mg/L (Note 1)	Explanatory Notes Monitoring Location (EPA Point 20) Pollutant Alkalinity (as calcium carbonate)
pH pH units Quarterly 1 Potassium mg/L (Note 1) Quarterly 1 Godium mg/L (Note 1) Quarterly 1 Standing Water Level (TOC) metres Quarterly 1 Standing Water Level (m AHD) metres NA NA	onitoring Sites.p	No. of times measured during quarter	Please refer to the malocation (EPA 20) Monitoring frequency required by licence Quarterly Quarterly	Units of measure mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) mg/L (Note 1)	Explanatory Notes Monitoring Location (EPA Point 20) Pollutant Alkalinity (as calcium carbonate)
Potassium mg/L (Note 1) Quarterly 1 Sodium mg/L (Note 1) Quarterly 1 Standing Water Level (TOC) metres Quarterly 1 Standing Water Level (m AHD) metres NA NA	onitoring Sites.p	No. of times measured during quarter 1 1 1 1	Please refer to the malocation (EPA 20) Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly	Units of measure mg/L (Note 1)	Explanatory Notes Monitoring Location (EPA Point 20) Pollutant Alkalinity (as calcium carbonate) Calcium Chloride Magnesium
Godium mg/L (Note 1) Quarterly 1 Standing Water Level (TOC) metres Quarterly 1 Standing Water Level (m AHD) metres NA NA	onitoring Sites.p	No. of times measured during quarter 1 1 1 1 1	Please refer to the malocation (EPA 20) Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	Units of measure mg/L (Note 1)	Explanatory Notes Monitoring Location (EPA Point 20) Pollutant Alkalinity (as calcium carbonate) Calcium Chloride Magnesium Jitrogen (ammonia)
Standing Water Level (TOC) metres Quarterly 1 Standing Water Level (m AHD) metres NA NA	es uring Valu	No. of times measured during quarter 1 1 1 1 1 1	Please refer to the malocation (EPA 20) Monitoring frequency required by licence Quarterly	Units of measure mg/L (Note 1) pH units	Explanatory Notes Monitoring Location (EPA Point 20) Pollutant Calcium Chloride Magnesium Litrogen (ammonia)
Standing Water Level (m AHD) metres NA NA	onitoring Sites.p	No. of times measured during quarter 1 1 1 1 1 1 1 1	Please refer to the malocation (EPA 20) Monitoring frequency required by licence Quarterly	Units of measure mg/L (Note 1) pH units mg/L (Note 1)	Explanatory Notes Monitoring Location (EPA Point 20) Pollutant Alkalinity (as calcium carbonate) Calcium Chloride Magnesium Litrogen (ammonia) IH Potassium
` '	es uring Valu	No. of times measured during quarter 1 1 1 1 1 1 1 1	Please refer to the malocation (EPA 20) Monitoring frequency required by licence Quarterly	Units of measure mg/L (Note 1) pH units mg/L (Note 1)	Explanatory Notes Monitoring Location (EPA Point 20) Pollutant Alkalinity (as calcium carbonate) Calcium Chloride Magnesium Litrogen (ammonia) IH Potassium
	es uring Valu	No. of times measured during quarter 1 1 1 1 1 1 1 1 1 1	Please refer to the malocation (EPA 20) Monitoring frequency required by licence Quarterly	Units of measure mg/L (Note 1)	Explanatory Notes Monitoring Location (EPA Point 20) Pollutant Alkalinity (as calcium carbonate) Calcium Chloride Magnesium Jitrogen (ammonia) JiH Potassium Sodium
Sulfate mg/L (Note 1) Quarterly 1	es uring Valu	No. of times measured during quarter 1 1 1 1 1 1 1 1 1 1 1 1 1	Please refer to the malocation (EPA 20) Monitoring frequency required by licence Quarterly	Units of measure mg/L (Note 1) pH units mg/L (Note 1)	Explanatory Notes Monitoring Location (EPA Point 20) Pollutant Calcium Chloride Magnesium Litrogen (ammonia) H Potassium Sodium Standing Water Level (TOC)
Total dissolved solids mg/L (Note 1) Quarterly 1	es uring Valu	No. of times measured during quarter 1 1 1 1 1 1 1 1 1 1 NA	Please refer to the malocation (EPA 20) Monitoring frequency required by licence Quarterly NA	Units of measure mg/L (Note 1) pH units mg/L (Note 1) metres metres	Explanatory Notes Monitoring Location (EPA Point 20) Pollutant Calcium Chloride Magnesium Litrogen (ammonia) LiH Potassium Sodium Chanding Water Level (TOC) Standing Water Level (m AHD)
Total organic carbon mg/L (Note 1) Quarterly 1	es uring Valu	No. of times measured during quarter 1 1 1 1 1 1 1 1 1 NA 1	Please refer to the malocation (EPA 20) Monitoring frequency required by licence Quarterly Auarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly NA Quarterly	Units of measure mg/L (Note 1) pH units mg/L (Note 1) metres metres mg/L (Note 1)	Explanatory Notes Monitoring Location (EPA Point 20) Pollutant Calcium Chloride Magnesium Litrogen (ammonia) LiH Potassium Sodium Standing Water Level (TOC) Standing Water Level (m AHD) Sulfate





Monitoring Location (EPA Point 21)		Please refer to the male	ap, Kimbriki Monitoi	ring Sites.pdf, for
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	<5
Explanatory Notes	(Note 1) mg/L (milligrams per litre) (Note 2) Special Frequency 1 - Quarterly and on the first day of discharge			