



*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 The information and data in this table must not be published elsewhere by any means without prior written consent from Kimbriki Environmental Enterprises.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-21	Sep-21					
Date Published	14 October	2021					
EPA Licence No.	13091						
EPA Licence Hyperlink	<u>https://app.e</u> YSUID=1&L	https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=211659&S YSUID=1&LICID=13091					
Licensee Name		KIMBRIKI ENVIRONMENTAL ENTERPRISES PTY LIMITED					
Licensee Address	PO BOX 196, Terrey Hills, NSW 2084						
Monitoring Location (EPA Pe	oint 1)	Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 1)					1)
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>month</b>	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 Po	oint 2)	Please refer to th	ne map, Kimbriki	Monitoring S	ites.pdf, for lo	ocation (EPA	2)
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>month</b>	Min. value	Max. value	100 percentile limit	Non- compliances (yes/no)
Explanatory Notes	No surface wa	ter discharge occ	urred from this m	onitoring poir	nt during the n	nonth.	
Monitoring Location (EPA P	oint 3)	Please refer to th	ne map, Kimbriki	Monitoring S	ites.pdf, for lo	ocation (EPA	3)
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>month</b>	Min. value	Max. value	100 percentile limit	Non- compliances (yes/no)
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	1	<5	<5	20	no
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	1	0.20	0.20	1	no
рН	рН	Daily during any discharge	1	7.48	7.48	6.5-8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	1	14.0	14.0	50	no
Explanatory Notes	No surface wa	ter discharge occ	urred from this m	onitoring poir	nt during the n	nonth.	



#### EPA Monitoring Data Summary



Monitoring Location (EPA P	oint 21)	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 <b>month</b>	Min. value	Max. value	100 percentile limit	Non- compliances (yes/no)
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	3	<5	<5	20	no
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	3	<0.01	<0.01	1	no
рН	рН	Daily during any discharge	3	7.47	7.74	6.5-8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	3	6.1	20	50	no
Explanatory Notes		(milligrams per litr al Frequency 1 - (	,	the first day c	of discharge		
Monitoring Location (EPA P	oint 22)	Enclosed Ground to the map, Kimb					Please refer
Parameter	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>month</b>	Min. value	Max. value	Lower Limit (Note 2)	Non- compliances (yes/no)
Residence Time	seconds	Continuous	Continuous	0.7	0.9	0.6	no
Temperature	°C (Note 1)	Continuous	Continuous	792	805	760	no
Explanatory Notes		egrees Celsius) arameter value m	ust <b>be greater ti</b>	han the Lowe	er Limit specif	ied	



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Monitoring Period	Sep-21						
Date Published	14 October 2	2021					
EPA Licence No.	13091						
EPA Licence Hyperlink	https://app.ej ID=1&LICID=		/prpoeoapp/Vi	ewPOEOL	icence.asp	x?DOCID=	211659&SYSU
Licensee Name		NVIRONMENT		RISES PTY	LIMITED		
Licensee Address	PO BOX 196	6, Terrey Hills,	NSW 2084				
Monitoring Location (EPA P	oint 1)	Please refer to the	he map, Kimbriki	Monitoring S	ites.pdf, for l	ocation (EPA	1)
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>month</b>	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 P	oint 2)	Please refer to the	he map, Kimbriki	Monitoring S	ites.pdf, for l	ocation (EPA	2)
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>month</b>	Min. value	Mean value	Median value	Max. value
Explanatory Notes	No surface wate	er discharge occu	irred from this mo	onitoring poin	t during the m	onth.	
Monitoring Location (EPA P	oint 3)	Please refer to the	he map, Kimbriki	Monitoring S	ites.pdf, for l	ocation (EPA	3)
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>month</b>	Min. value	Mean value	Median value	Max. value
Conductivity	µS/cm (Note 1)	Daily during any discharge	1	3	3	3	3
Explanatory Notes	No surface wate	er discharge occu	irred from this mo	onitoring poin	t during the m	nonth.	
Monitoring Location (EPA P	oint 21)	Please refer to the	he map, Kimbriki	Monitoring S	tites.pdf, for l	ocation (EPA	21)
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>month</b>	Min. value	Mean value	Median value	Max. value
Conductivity	µS/cm (Note 1)	Daily during any discharge	3	331	371	360	422
Explanatory Notes	(Note 1) µS/cm	(microsiemens p	er centimetre)	•			
Monitoring Location (EPA P	oint 22)		d Level Flare in ti ki Monitoring Site				s. Please refer to
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>month</b>	Min. value	Mean value	Median value	Max. value
Volumetric flowrate	m <sup>3</sup> /h (Note 1)	Continuous	Continuous	0 (Note 2)	455	468	513
Explanatory Notes	<ul> <li>(Note 1) m<sup>3</sup>/h (cubic metres per hour)</li> <li>(Note 2) Zero value due to:</li> <li>1. Flare was shut down on 5th September 2021 for ~0.5 hours due to flame failure. Flare was restarted remotely.</li> <li>2. Flare was shut down on 10th September 2021 for ~10.5 hours due to flame failure that occurred out of business hours. The flare was restarted on site after unsuccessful attempts to restart the flare remotely.</li> <li>3. Flare was shut down on 19th September 2021 for ~2 hours due to flame failure. Flare was restarted remotely.</li> <li>4. Flare was shutdown on 30th September 2021 for ~ 6 hours due to low methane. Flare was restarted remotely.</li> </ul>						





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Monitoring Period	June 2021 - September 2021(Quarterly). Ground water sampled 10 June 2021. Surface water sampled 3 September 2021.					
Date Published	14 October 2021					
EPA Licence No.	13091					
EPA Licence Hyperlink	https://app.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOC ID=211659&SYSUID=1&LICID=13091					
Licensee Name	KIMBRIKI ENVIRONMENTAL ENTERPRISES PTY LIMITED					
Licensee Address	PO BOX 196, Terre	y Hills, NSW 20	84			
Monitoring Location (EPA Point 1/	Please refer to the man Kimbriki Monitoring					
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>quarter</b>	Value		
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	1	<5		
Conductivity	µS/cm (Note 3)	Quarterly	1	300		
Dissolved Oxygen	mg/L (Note 1)	Quarterly	1	8.8		
Faecal Coliforms	org/100 mL (Note 4)	Quarterly	1	200		
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.02		
pH	рН	Quarterly	1	7.6		
Potassium	mg/L (Note 1)	Quarterly	1	6.1		
Redox potential	mV (Note 5)	Quarterly	1	2300		
Total dissolved solids	mg/L (Note 1)	Quarterly	1	200		
Total organic carbon	mg/L (Note 1)	Quarterly	1	5.4		
I otal organic carbon       mg/L (Note 1)       Quarterly       1       5.4         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)						





		Please refer to the map, Kimbriki Monitoring Sites.pdf, for location <b>(EPA 2)</b>				
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>quarter</b>	Value		
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	1	<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/		the map, Kimbrik cation <b>(EPA 3/1</b> 2	-			
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>quarter</b>	Value		
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	1	<5		
Conductivity	µS/cm (Note 3)	Quarterly	1	290		
Dissolved Oxygen	mg/L (Note 1)	Quarterly	1	9.0		
Faecal Coliforms	org/100 mL (Note 4)	Quarterly	1	31		
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.20		
рН	pН	Quarterly	1	8.0		
Potassium	mg/L (Note 1)	Quarterly	1	5.9		
Redox potential	mV (Note 5)	Quarterly	1	240		
Total dissolved solids	mg/L (Note 1)	Quarterly	1	180		
Total organic carbon	mg/L (Note 1)	Quarterly	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 7)	I		the map, Kimbrik cation <b>(EPA 7)</b>	i Monitoring
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>quarter</b>	Value
Conductivity	µS/cm (Note 1)	Quarterly	1	290
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9.1
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	48
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	<0.01
эΗ	рН	Quarterly	1	7.5
Potassium	mg/L (Note 2)	Quarterly	1	2.5
Redox potential	mV (Note 4)	Quarterly	1	220
Total dissolved solids	mg/L (Note 2)	Quarterly	1	170
Total organic carbon	mg/L (Note 2)	Quarterly	1	<5
Explanatory Notes Monitoring Location (EPA Point 8)	(Note 1) μS/cm (micro (Note 2) mg/L (milligra (Note 3) org/100 mL ( (Note 4) mV (millivolts	ams per litre) (colony forming un s) Please refer to		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>quarter</b>	Value
Conductivity	µS/cm (Note 1)	Quarterly	1	330
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9.2
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	130
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	<0.01
oH	pH	Quarterly	1	7.7
Potassium	mg/L (Note 2)	Quarterly	1	4.1
Redox potential	mV (Note 4)	Quarterly	1	390
Total dissolved solids	mg/L (Note 2)	Quarterly	1	190
Total organic carbon	mg/L (Note 2)	Quarterly	1	<5
Explanatory Notes	(Note 1) µS/cm (micro (Note 2) mg/L (milligra (Note 3) org/100 mL ( (Note 4) mV (millivolts)	osiemens per cent ams per litre) colony forming un		
Monitoring Location (EPA Point 9)	,		the map, Kimbrik cation <b>(EPA 9)</b>	i Monitoring
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>quarter</b>	Value
Conductivity	µS/cm (Note 1)	Quarterly	1	380
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9.1
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	390
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.01
ЪН	рН	Quarterly	1	8.2
Potassium	mg/L (Note 2)	Quarterly	1	5.8
Redox potential	mV (Note 4)	Quarterly	1	260
Fotal dissolved solids	mg/L (Note 2)	Quarterly	1	210
Total organic carbon	mg/L (Note 2)	Quarterly	1	13.0
Explanatory Notes	(Note 1) µS/cm (micro (Note 2) mg/L (milligra (Note 3) org/100 mL ( (Note 4) mV (millivolts)	ams per litre) colony forming un	,	5)





		Please refer to the map, Kimbriki Monitoring Sites.pdf, for location <b>(EPA 10)</b>		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>quarter</b>	Value
Conductivity	µS/cm (Note 1)	Quarterly	1	4500
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	8
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	4400
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	340
рН	pН	Quarterly	1	7.9
Potassium	mg/L (Note 2)	Quarterly	1	160
Redox potential	mV (Note 4)	Quarterly	1	230
Total dissolved solids	mg/L (Note 2)	Quarterly	1	1800
Total organic carbon	mg/L (Note 2)	Quarterly	1	98
Explanatory Notes       (Note 2) mg/L (milligrams per litre) (Note 3) org/100 mL (colony forming units per 1 (Note 4) mV (millivolts)         Monitoring Location (EPA Point 13)       Please refer to the main sites.pdf, for location				s)
Monitoring Location (EPA Point 13		Please refer to		ki Monitoring
Monitoring Location (EPA Point 13 Pollutant		Please refer to		<i>ti Monitoring</i> Value
	3)	Please refer to Sites.pdf, for lo Monitoring frequency required by	cation <b>(EPA 13)</b> No. of times measured	
Pollutant	Units of measure	Please refer to Sites.pdf, for lo Monitoring frequency required by licence	No. of times measured during <b>quarter</b>	Value
Pollutant	Units of measure µS/cm (Note 1)	Please refer to Sites.pdf, for lo Monitoring frequency required by licence Quarterly	No. of times measured during <b>quarter</b>	Value 590
Pollutant Conductivity Dissolved Oxygen	Units of measure µS/cm (Note 1) mg/L (Note 2)	Please refer to Sites.pdf, for lo Monitoring frequency required by licence Quarterly Quarterly	No. of times measured during <b>quarter</b> 1 1	Value 590 8.8
Pollutant Conductivity Dissolved Oxygen Faecal Coliforms	Units of measure µS/cm (Note 1) mg/L (Note 2) org/100 mL (Note3)	Please refer to Sites.pdf, for lo Monitoring frequency required by licence Quarterly Quarterly Quarterly	No. of times measured during <b>quarter</b> 1 1 1	Value 590 8.8 86
Pollutant Conductivity Dissolved Oxygen Faecal Coliforms Nitrogen (ammonia)	Units of measure µS/cm (Note 1) mg/L (Note 2) org/100 mL (Note3) mg/L (Note 2)	Please refer to Sites.pdf, for lo Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly	No. of times measured during <b>quarter</b> 1 1 1 1 1	Value 590 8.8 86 5.2
Pollutant Conductivity Dissolved Oxygen Faecal Coliforms Nitrogen (ammonia) pH	Units of measure µS/cm (Note 1) mg/L (Note 2) org/100 mL (Note3) mg/L (Note 2) pH	Please refer to Sites.pdf, for lo Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	No. of times measured during <b>quarter</b> 1 1 1 1 1 1 1	Value 590 8.8 86 5.2 7.5
Pollutant Conductivity Dissolved Oxygen Faecal Coliforms Nitrogen (ammonia) pH Potassium	Units of measure µS/cm (Note 1) mg/L (Note 2) org/100 mL (Note 3) mg/L (Note 2) pH mg/L (Note 2)	Please refer to Sites.pdf, for lo Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	No. of times measured during <b>quarter</b> 1 1 1 1 1 1 1 1 1	Value 590 8.8 86 5.2 7.5 25
Pollutant Conductivity Dissolved Oxygen Faecal Coliforms Nitrogen (ammonia) pH Potassium Redox potential	Units of measure µS/cm (Note 1) mg/L (Note 2) org/100 mL (Note3) mg/L (Note 2) pH mg/L (Note 2) mV (Note 4)	Please refer to Sites.pdf, for lo Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	No. of times measured during <b>quarter</b> 1 1 1 1 1 1 1 1 1 1 1 1	Value 590 8.8 86 5.2 7.5 25 280





Monitoring Location (EPA Point 14	Please refer to the map, Kimbriki Monitoring Sites.pdf, for location <b>(EPA 14)</b>				
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>quarter</b>	Value	
Explanatory Notes	Sample could not be o	collected as there	was no flow at this	location.	
Monitoring Location (EPA Point 15		the map, Kimbrik ocation <b>(EPA 15)</b>	•		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>quarter</b>	Value	
Conductivity	µS/cm (Note 1)	Quarterly	1	620	
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	8.9	
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	160	
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	5.4	
рН	pН	Quarterly	1	7.6	
Potassium	mg/L (Note 2)	Quarterly	1	15	
Redox potential	mV (Note 4)	Quarterly	1	260	
Total dissolved solids	mg/L (Note 2)	Quarterly	1	320	
Total organic carbon	mg/L (Note 2)	Quarterly	1	6	
Explanatory Notes	<ul> <li>(Note 1) μS/cm (microsiemens per centimetre)</li> <li>(Note 2) mg/L (milligrams per litre)</li> <li>(Note 3) org/100 mL (colony forming units per 100 millilitres)</li> <li>(Note 4) mV (millivolts)</li> </ul>				





		Please refer to the map, Kimbriki Monitoring Sites.pdf, for location <b>(EPA 16)</b>		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>quarter</b>	Value
Alkalinity (as calcium carbonate)	mg/L (Note 1)	Quarterly	1	20
Calcium	mg/L (Note 1)	Quarterly	1	2.4
Chloride	mg/L (Note 1)	Quarterly	1	83
Magnesium	mg/L (Note 1)	Quarterly	1	15
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.05
рН	pH units	Quarterly	1	6.6
Potassium	mg/L (Note 1)	Quarterly	1	1.1
Sodium	mg/L (Note 1)	Quarterly	1	53
Standing Water Level (TOC)	metres	Quarterly	1	17.99
Standing Water Level (m AHD)	metres	NA	NA	98.4
Sulfate	mg/L (Note 1)	Quarterly	1	<5
Total dissolved solids	mg/L (Note 1)	Quarterly	1	52
Total organic carbon	mg/L (Note 1)	Quarterly	1	<5
Explanatory Notes	(Note 1) mg/L (milligra	ams per litre)		
Monitoring Location (EPA Point 17	7)		the map, Kimbrik cation <b>(EPA 17)</b>	ki Monitoring
Monitoring Location <b>(EPA Point 17</b> Pollutant	') Units of measure			<i>ti Monitoring</i> Value
		Sites.pdf, for lo Monitoring frequency required by	No. of times measured	
Pollutant	Units of measure	Sites.pdf, for lo Monitoring frequency required by licence	No. of times measured during <b>quarter</b>	Value
Pollutant Alkalinity (as calcium carbonate)	Units of measure mg/L (Note 1)	Sites.pdf, for lo Monitoring frequency required by licence Quarterly	No. of times measured during <b>quarter</b> 1	Value <20
Pollutant Alkalinity (as calcium carbonate) Calcium Chloride Magnesium	Units of measure mg/L (Note 1) mg/L (Note 1)	Sites.pdf, for lo Monitoring frequency required by licence Quarterly Quarterly	No. of times measured during <b>quarter</b> 1	Value <20 2.2
Pollutant Alkalinity (as calcium carbonate) Calcium Chloride	Units of measure mg/L (Note 1) mg/L (Note 1) mg/L (Note 1)	Sites.pdf, for lo Monitoring frequency required by licence Quarterly Quarterly Quarterly	No. of times measured during <b>quarter</b> 1 1 1	Value <20 2.2 85
Pollutant Alkalinity (as calcium carbonate) Calcium Chloride Magnesium	Units of measure mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) pH units	Sites.pdf, for lo Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly	No. of times measured during <b>quarter</b> 1 1 1 1 1 1 1 1	Value <20 2.2 85 11 0.13 6
Pollutant Alkalinity (as calcium carbonate) Calcium Chloride Magnesium Nitrogen (ammonia) pH Potassium	Units of measure mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) pH units mg/L (Note 1)	Sites.pdf, for lo Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	No. of times measured during <b>quarter</b> 1 1 1 1 1 1 1 1 1 1 1	Value <20 2.2 85 11 0.13 6 1.7
Pollutant Alkalinity (as calcium carbonate) Calcium Chloride Magnesium Nitrogen (ammonia) pH	Units of measure mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) pH units	Sites.pdf, for lo Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	No. of times measured during <b>quarter</b> 1 1 1 1 1 1 1 1	Value <20 2.2 85 11 0.13 6
Pollutant Alkalinity (as calcium carbonate) Calcium Chloride Magnesium Nitrogen (ammonia) pH Potassium	Units of measure mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) pH units mg/L (Note 1)	Sites.pdf, for lo Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	No. of times measured during <b>quarter</b> 1 1 1 1 1 1 1 1 1 1 1	Value <20 2.2 85 11 0.13 6 1.7
Pollutant Alkalinity (as calcium carbonate) Calcium Chloride Magnesium Nitrogen (ammonia) pH Potassium Sodium	Units of measure mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) pH units mg/L (Note 1) mg/L (Note 1)	Sites.pdf, for lo Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	No. of times measured during <b>quarter</b> 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Value <20 2.2 85 11 0.13 6 1.7 55
Pollutant Alkalinity (as calcium carbonate) Calcium Chloride Magnesium Nitrogen (ammonia) pH Potassium Sodium Standing Water Level (TOC)	Units of measure mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) pH units mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) mg/L (Note 1)	Sites.pdf, for lo Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	No. of times measured during <b>quarter</b> 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Value <20 2.2 85 11 0.13 6 1.7 55 7.85
Pollutant Alkalinity (as calcium carbonate) Calcium Chloride Magnesium Nitrogen (ammonia) pH Potassium Sodium Standing Water Level (TOC) Standing Water Level (m AHD)	Units of measure mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) pH units mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) mg/L (Note 1)	Sites.pdf, for lo Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly NA	No. of times measured during <b>quarter</b> 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Value <20 2.2 85 11 0.13 6 1.7 55 7.85 61.8
Pollutant Alkalinity (as calcium carbonate) Calcium Chloride Magnesium Nitrogen (ammonia) pH Potassium Sodium Standing Water Level (TOC) Standing Water Level (m AHD) Sulfate	Units of measure mg/L (Note 1) mg/L (Note 1) metres metres mg/L (Note 1)	Sites.pdf, for lo Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	No. of times measured during <b>quarter</b> 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Value <20 2.2 85 11 0.13 6 1.7 55 7.85 61.8 35





Monitoring Location (EPA Point 19	9)		the map, Kimbrik cation <b>(EPA 19)</b>	ki Monitoring
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>quarter</b>	Value
Alkalinity (as calcium carbonate)	mg/L (Note 1)	Quarterly	1	420
Calcium	mg/L (Note 1)	Quarterly	1	44
Chloride	mg/L (Note 1)	Quarterly	1	200
Magnesium	mg/L (Note 1)	Quarterly	1	26
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	29
pH	pH units	Quarterly	1	6.2
Potassium	mg/L (Note 1)	Quarterly	1	50
Sodium	mg/L (Note 1)	Quarterly	1	130
Standing Water Level (TOC)	metres	Quarterly	1	4.21
Standing Water Level (m AHD)	metres	NA	NA	60.8
Sulfate	mg/L (Note 1)	Quarterly	1	<5
Total dissolved solids	mg/L (Note 1)	Quarterly	1	640
Total organic carbon	mg/L (Note 1)	Quarterly	1	19
Explanatory Notes	(Note 1) mg/L (milligr	ams per litre)		
Monitoring Location (EPA Point 20	))	Sites.pdf, for lo	the map, Kimbrik	amonitoring
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during <b>quarter</b>	Value
Pollutant Alkalinity (as calcium carbonate)	Units of measure mg/L (Note 1)	Monitoring frequency required by	No. of times measured	Value 22
		Monitoring frequency required by licence	No. of times measured during <b>quarter</b>	
Alkalinity (as calcium carbonate)	mg/L (Note 1)	Monitoring frequency required by licence Quarterly	No. of times measured during <b>quarter</b> 1	22
Alkalinity (as calcium carbonate) Calcium	mg/L (Note 1) mg/L (Note 1)	Monitoring frequency required by licence Quarterly Quarterly	No. of times measured during <b>quarter</b> 1 1	22
Alkalinity (as calcium carbonate) Calcium Chloride	mg/L (Note 1) mg/L (Note 1) mg/L (Note 1)	Monitoring frequency required by licence Quarterly Quarterly Quarterly	No. of times measured during <b>quarter</b> 1 1 1	22 1.8 42
Alkalinity (as calcium carbonate) Calcium Chloride Magnesium Nitrogen (ammonia) pH	mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) pH units	Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	No. of times measured during <b>quarter</b> 1 1 1 1	22 1.8 42 4.7 0.01 6.3
Alkalinity (as calcium carbonate) Calcium Chloride Magnesium Nitrogen (ammonia) pH Potassium	mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) mg/L (Note 1)	Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	No. of times measured during <b>quarter</b> 1 1 1 1 1 1	22 1.8 42 4.7 0.01
Alkalinity (as calcium carbonate) Calcium Chloride Magnesium Nitrogen (ammonia) pH	mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) pH units	Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	No. of times measured during <b>quarter</b> 1 1 1 1 1 1 1 1	22 1.8 42 4.7 0.01 6.3
Alkalinity (as calcium carbonate) Calcium Chloride Magnesium Nitrogen (ammonia) pH Potassium Sodium Standing Water Level (TOC)	mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) pH units mg/L (Note 1)	Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	No. of times measured during <b>quarter</b> 1 1 1 1 1 1 1 1 1 1	22 1.8 42 4.7 0.01 6.3 1.0 27 21.98
Alkalinity (as calcium carbonate) Calcium Chloride Magnesium Nitrogen (ammonia) pH Potassium Sodium	mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) mg/L (Note 1)	Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	No. of times measured during <b>quarter</b> 1 1 1 1 1 1 1 1 1 1 1 1 1	22 1.8 42 4.7 0.01 6.3 1.0 27
Alkalinity (as calcium carbonate) Calcium Chloride Magnesium Nitrogen (ammonia) pH Potassium Sodium Standing Water Level (TOC)	mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) pH units mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) metres	Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	No. of times measured during <b>quarter</b> 1 1 1 1 1 1 1 1 1 1 1 1 1 1	22 1.8 42 4.7 0.01 6.3 1.0 27 21.98
Alkalinity (as calcium carbonate) Calcium Chloride Magnesium Nitrogen (ammonia) pH Potassium Sodium Standing Water Level (TOC) Standing Water Level (m AHD)	mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) pH units mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) metres metres	Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly NA	No. of times measured during <b>quarter</b> 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	22 1.8 42 4.7 0.01 6.3 1.0 27 21.98 99.68
Alkalinity (as calcium carbonate) Calcium Chloride Magnesium Nitrogen (ammonia) pH Potassium Sodium Standing Water Level (TOC) Standing Water Level (m AHD) Sulfate	mg/L (Note 1) mg/L (Note 1) metres metres mg/L (Note 1)	Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	No. of times measured during <b>quarter</b> 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	22 1.8 42 4.7 0.01 6.3 1.0 27 21.98 99.68 <5





		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 <b>quarter</b>	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				