Monthly Summary of EPA Monitoring Data with Limits



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 The information and data in this table must not be published elsewhere by any means without prior written consent from Kimbriki Environmental Enterprises.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, http://www.epa.nsw.gov.au/index.htm

Monitoring Period	Mar-18	Mar-18							
Date Published	17 April 2018	3							
EPA Licence No.	13091								
EPA Licence Hyperlink	<u>http://app.ep CID=13091</u>	ba.nsw.gov.au/j	orpoeoapp/Viev	vPOEOLicer	ice.aspx?DC)CID=71945&	SYSUID=1&LI		
Licensee Name	KIMBRIKI EN'	VIRONMENTAL	ENTERPRISES P	TY LIMITED					
Licensee Address	PO BOX 196,	Terrey Hills, NS	W 2084						
Monitoring Location (EPA Poir	nt 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	Exceedance (yes/no)		
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	6	<5	7.20	20	no		
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	9	0.03	0.49	1	no		
рН	рН	Daily during any discharge	9	7.70	9.02	6.5-8.5	Yes (Note 3)		
Total suspended solids	mg/L (Note 1)	Daily during any discharge	9	16	190	50	no (Note 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) Initial field pH measurement was slightly less than 8.5 and therefore the discharge commenced. Subsequent testing gave the 9.02 result recorded above. The pH probe has since been replaced and calibrated to ensure subsequent measurements of pH are accurate. (Note 4) No exceedance recorded on 13th March 2018 due to monthly extreme rainfall of 65.0mm in 24 hours on this day. This volume of rainfall occurring in a 24 hour period was greater than the five-day duration 90th percentile rainfall event allowance for discharge at the premises (being 62.1mm). Kimbriki perform daily inspection of sediment controls and proactively maintain controls by all means practicable to ensure potential for suspended solid discharge is minimised. 								

Monthly Summary of EPA Monitoring Data with Limits continued.

Monitoring Location (EPA Poin	it 2)	Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 2)					
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during month	Min. value	Max. value	100 percentile limit	Exceedance (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	0.74	0.74	1	no
рН	рН	Daily during any discharge	1	7.78	7.78	6.5-8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	1	22	22	50	no
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) 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	Exceedance (yes/no)
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	2	<5	<5	20	no
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	2	0.17	0.39	1	no
рН	рН	Daily during any discharge	2	8.13	8.26	6.5-8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	2	19	66	50	no (Note 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) No exceedance recorded on 13th March 2018 due to monthly extreme rainfall of 65.0mm in 24 hours on this day. This volume of rainfall occurring in a 24 hour period was greater than the five-day duration 90th percentile rainfall event allowance for discharge at the premises (being 62.1mm). Kimbriki perform daily inspection of sediment controls and proactively maintain controls by all means practicable to ensure potential for suspended solid discharge is minimised. 						

Monthly Summary of EPA Monitoring Data with Limits continued.

Monitoring Location (EPA Poin	t 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	Exceedance (yes/no)
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	7	<5	<5	20	no
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	7	0.06	0.42	1	no
рН	рН	Daily during any discharge	7	8.30	8.93	6.5-8.5	Yes (Note 3)
Total suspended solids	mg/L (Note 1)	Daily during any discharge	7	9.8	150	50	no (Note 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) Initial field pH measurement was slightly less than 8.5 and therefore the discharge commenced. Subsequent testing gave the 8.93 result recorded above. The pH probe has since been replaced and calibrated to ensure subsequent measurements of pH are accurate. ²⁵ (Note 4) No exceedance recorded on 13th March 2018 due to monthly extreme rainfall of 65.0mm in 24 hours on this day. This volume of rainfall occurring in a 24 hour period was greater than the five-day duration 90th percentile rainfall event allowance for discharge at the premises (being 62.1mm). Kimbriki perform daily inspection of sediment controls and proactively maintain controls by all means practicable to ensure potential for suspended solid discharge is minimised. 						
Monitoring Location (EPA Poin	t 22)	Enclosed Ground L Kimbriki Monitorii	evel Flare in the No. ng Sites.pdf, for loc	orth-Eastern co ation (EPA 22 ,	orner of the Pr)	emises. Please r	efer to the map,
Parameter	Units of measure	Monitoring frequency required by licence	No. of times measured during month	Min. value	Max. value	Lower Limit (Note 2)	Exceedance (yes/no)
Residence Time	seconds	Continuous	Continuous	0.8	0.9	0.6	No
Temperature	°C (Note 1)	Continuous	Continuous	792.1	814.4	760	No
Explanatory Notes	(Note 1) °C (deg (Note 2) The par	rees Celsius) ameter value mus	t be greater than t	he Lower Limi	t specified		



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Monitoring Period	Mar-18						
Date Published	17 April 2018						
EPA Licence No.	13091						
EPA Licence Hyperlink	http://app.ep	a.nsw.gov.au/p	rpoeoapp/Vie	wPOEOLicence	.aspx?DOCID	=71945&SYSUID=1&LICID=13091	
Licensee Name	KIMBRIKI ENV	IRONMENTAL E	ENTERPRISES F	PTY LIMITED			
Licensee Address	PO BOX 196, 1	۲errey Hills, NSV	V 2084				
Monitoring Location (EPA Point	1) Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 1)					or location (EPA 1)	
Pollutant	Units of measure	Monitoring frequency required by licence	Monitoring frequency required by licence limit Exceedance Date Value Five-day duration rainfall record site (mm) (Note 1)				
рН	рН	Daily during any discharge	6.5-8.5	12/03/2018	9.02	0.00	
Explanatory Notes	(Note 1) mm (n (N ote 2) Initia testing gave the subsequent me	nillimetres) I field pH measur e 9.02 result reco easurements of p	ement was slig orded above. Th H are accurate.	htly less than 8.5 Ie pH probe has s	and therefore	e the discharge commenced. Subsequent laced and calibrated to ensure	
Monitoring Location (EPA Point	21)	Please refer to	the map, Kim	briki Monitorin	g Sites.pdf, f	or location (EPA 21)	
Pollutant	Units of measure	Monitoring frequency required by licence	100 percentile limit	Exceedance Date	Value	Five-day duration rainfall recorded on site (mm) (Note 1)	
рН	рН	Daily during any discharge	6.5-8.5	10/03/2018	8.93	34.5	
Explanatory Notes	(Note 1) mm (n (N ote 2) Initia testing gave the subsequent me	nillimetres) I field pH measur e 9.02 result reco easurements of p	ement was slig orded above. Th H are accurate.	htly less than 8.5 ie pH probe has s	and therefore	e the discharge commenced. Subsequent laced and calibrated to ensure	

Monthly Summary of EPA Monitoring Data - No Limit



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Monitoring Period	Mar-18	Mar-18							
Date Published	17 April 2018	17 April 2018							
EPA Licence No.	13091	13091							
EPA Licence Hyperlink	<u>http://app.ep</u> =13091	a.nsw.gov.au/p	rpoeoapp/Viev	vPOEOLicen	ce.aspx?DO	CID=71945	&SYSUID=1&LICID		
Licensee Name	KIMBRIKI ENV	IRONMENTAL	ENTERPRISES PT	FY LIMITED					
Licensee Address	PO BOX 196, ⁻	Terrey Hills, NS	N 2084						
Monitoring Location (EP	A Point 1)	oint 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 Value Median Value							
Conductivity	μS/cm (Note 1)	Daily during any discharge	9	294	420	455	472		
Explanatory Notes	(Note 1) µS/cm	(microsiemens p	er centimetre)						
Monitoring Location (EP	A Point 2)	Please refer to	the map, Kimb	oriki Monito	ring Sites.pc	df, for locat	ion (EPA 2)		
Conductivity	μS/cm (Note 1)	Daily during any discharge	1	579	579	579	579		
Explanatory Notes	(Note 1) µS/cm	(microsiemens p	er centimetre)						
Monitoring Location (EP	A Point 3)	Please refer to	the map, Kimb	oriki Monito	ring Sites.pc	df, for locat	ion (EPA 3)		
Pollutant	Units of measure	Monitoring frequency required by licenceNo. of times measured during monthMin. valueMean valueMedian valueMax. value							
Conductivity	μS/cm (Note 1)	Daily during any discharge2331426426520							
Explanatory Notes	(Note 1) μS/cm	(microsiemens p	er centimetre)						

Monitoring Location (EPA	A 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	7	347	520	470	972
Explanatory Notes	(Note 1) μS/cm	(microsiemens per centimetre)					
Monitoring Location (EPA	A Point 22)	Enclosed Ground Level Flare in the North-Eastern corner of the Premises.					
Pollutant	Units of measure	Monitoring frequency required by licenceNo. of times measured during monthMean Min. valueMedian valueMax. value					Max. value
Volumetric flowrate	m ³ /h (Note 1)	Continuous	Continuous	0 (Note 2)	321	407	467
Explanatory Notes	(Note 1) m ³ /h ((Note 2) Zero v 1. Flare was shu 2. Flare was shu restarted remo 3. Flare was shu remotely.	ote 1) m ³ /h (cubic metres per hour) ote 2) Zero value due to: Flare was shutdown for 2.0 hours on 20th March 2018 for flow meter replacement. Flare was shutdown for 1.5 hours on 26th March 2018 due to methane analyser fault. Flare was started remotely. Flare was shutdown for 9.5 hours on 27th March 2018 due to power supply outage. Flare was restarted motely.					

KIMBRIKI

Quarterly + Yearly Summary of EPA Monitoring Data

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Monitoring Period	December 2017 - March 2018 (Quarterly) + March 2017 - March 2018 (Yearly). Surface water sampled 1 March 2018. Groundwater sampled 5 March 2018.						
Date Published	14 December 2018						
EPA Licence No.	13091						
EPA Licence Hyperlink	http://app.epa.nsw.g 5&SYSUID=1&LICID=1	ov.au/prpoeoapp, 1 <u>3091</u>	/ViewPOEOLicence	.aspx?DOCID=7194			
Licensee Name	KIMBRIKI ENVIRONM	ENTAL ENTERPRIS	ES PTY LIMITED				
Licensee Address	Locked Bag 196, Terre	ey Hills, NSW 2084	1				
Monitoring Location (EPA Point 4) Leachate Holding Riser - no discharge from site.Please refer to the map, Kimbriki Monitoring Sites for location (EPA 4)							
Pollutant	Units of measure	easure Monitoring frequency required by licence No. of times measured during quarter/year					
Alkalinity (as calcium carbonate)	mg/L (Note 1)	yearly	1	280			
Aluminium	mg/L (Note 1)	yearly	1	0.06			
Arsenic	mg/L (Note 1)	yearly	1	0.031			
Barium	mg/L (Note 1)	yearly	1	0.80			
Benzene	ing/L (Note I)	yeany	1	<0.02			
Cadmium	mg/L (Note 1)	yearly	1	<0.0002			
Calcium	mg/L (Note 1)	yearly	1	210			
Chloride	mg/L (Note 1)	yearly	1	770			
Chromium (hexavalent)	mg/L (Note 1)	yearly	1	<0.001			
Chromium (total)	mg/L (Note 1)	yearly	1	0.095			
Cobalt	mg/L (Note 1)	yearly	1	0.008			
Conductivity	μS/cm (Note 2)	yearly	1	6000			
Copper	mg/L (Note 1)	yearly	1	0.004			
Ethylbenzene	mg/L (Note 1)	yearly	1	<0.02			
Fluoride	mg/L (Note 1)	yearly	1	<0.5			
Lead	mg/L (Note 1)	yearly	1	0.002			
Magnesium	mg/L (Note 1)	yearly	1	77			
Manganese	mg/L (Note 1)	yearly	1	0.37			
Mercury	mg/L (Note 1)	yearly	1	<0.0001			
Nitrate + Nitrite (oxidised nitrogen)	mg/L (Note 1)	yearly	1	<0.5			

Nitrogen (Ammonia)	mg/L (Note 1)	yearly	1	480			
Organochlorine pesticides	mg/L (Note 1)	yearly	1	<0.01			
Organophosphate pesticides	mg/L (Note 1)	yearly	1	<0.02			
Ortho phosphate	mg/L (Note 1)	yearly	1	<0.05			
рН	pH units	yearly	1	7.5			
Phosphorus (total)	mg/L (Note 1)	yearly	1	<0.05			
Polycyclic aromatic hydorcarbons	mg/L (Note 1)	yearly	1	0.001			
Potassium	mg/L (Note 1)	yearly	1	210			
Sodium	mg/L (Note 1)	yearly	1	430			
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	110			
Toluene	mg/L (Note 1)	yearly	1	<0.02			
Total Dissolved Solids - TDS	mg/L (Note 1)	yearly	1	2700			
Total Organic Carbon - TOC	mg/L (Note 1)	yearly	1	250			
Total Petroleum Hydrocarbons	mg/L (Note 1)	yearly	1	2.26			
Total Phenolics	mg/L (Note 1)	yearly	1	<0.25			
Total Suspended Solids	mg/L (Note 1)	yearly	1	59			
Xylene	mg/L (Note 1)	yearly	1	<0.06			
Zinc	mg/L (Note 1)	yearly	1	0.033			
Explanatory Notes	(Note 1) mg/L (milligram (Note 2) μS/cm (microsi	Note 1) mg/L (milligrams per litre) Note 2) µS/cm (microsiemens per centimetre)					

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/year	Value
Alkalinity (as calcium carbonate)	mg/L (Note 1)	Quarterly	1	25
Aluminium	mg/L (Note 1)	Yearly	1	0.07
Arsenic	mg/L (Note 1)	Yearly	1	<0.001
Barium	mg/L (Note 1)	Yearly	1	0.08
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	3.0
Chloride	mg/L (Note 1)	Quarterly	1	90
Chromium (hexavalent)	mg/L (Note 1)	Yearly	1	<0.001
Chromium (total)	mg/L (Note 1)	Yearly	1	<0.001
Cobalt	mg/L (Note 1)	Yearly	1	0.011
Copper	mg/L (Note 1)	Yearly	1	<0.001
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	0.003
Magnesium	mg/L (Note 1)	Quarterly	1	8.8
Manganese	mg/L (Note 1)	Yearly	1	0.76
Mercury	mg/L (Note 1)	Yearly	1	<0.0001
Nitrate + Nitrite (oxidised Nitrogen)	mg/L (Note 1)	Yearly	1	<0.05
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	<0.01
Organochlorine pesticides	mg/L (Note 1)	Yearly	1	<0.01
Organophosphate pesticides	mg/L (Note 1)	Yearly	1	<0.02
рН	pH units	Quarterly	1	5.8
Polycyclic Aromatic Hydrocarbons	mg/L (Note 1)	Yearly	1	<0.001
Potassium	mg/L (Note 1)	Quarterly	1	1.0
Sodium	mg/L (Note 1)	Quarterly	1	40
Standing Water Level (TOC)	metres	Quarterly	1	17.02
Standing Water Level (m AHD)	metres	NA	NA	99.39
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	140
Total organic carbon	mg/L (Note 1)	Quarterly	1	<5
Total Petroleum Hydrocarbons	mg/L (Note 1)	Yearly	1	<0.1
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	0.011
Explanatory Notes	(Note 1) mg/L (milligrar	ns per litre)		

Monitoring Location (EPA Point 17)	Please refer to th for location (EPA	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	32	
Aluminium	mg/L (Note 1)	Yearly	1	0.67	
Arsenic	mg/L (Note 1)	Yearly	1	0.001	
Barium	mg/L (Note 1)	Yearly	1	0.07	
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	3.5	
Chloride	mg/L (Note 1)	Quarterly	1	90	
Chromium (hexavalent)	mg/L (Note 1)	Yearly	1	<0.001	
Chromium (total)	mg/L (Note 1)	Yearly	1	0.002	
Cobalt	mg/L (Note 1)	Yearly	1	0.007	
Copper	mg/L (Note 1)	Yearly	1	0.001	
Ethvlbenzene	mg/L (Note 1)	Yearly	1	< 0.001	
Fluoride	mg/L (Note 1)	Yearly	1	<0.5	
Lead	mg/L (Note 1)	Yearly	1	0.007	
Magnesium	mg/L (Note 1)	Quarterly	1	9.3	
Manganese	mg/L (Note 1)	Yearly	1	0.65	
Mercury	mg/L (Note 1)	Yearly	1	<0.0001	
Nitrate + Nitrite (oxidised Nitrogen)	mg/L (Note 1)	Yearly	1	<0.05	
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.14	
Organochlorine pesticides	mg/L (Note 1)	Yearly	1	<0.01	
Organophosphate pesticides	mg/L (Note 1)	Yearly	1	<0.02	
Нα	pH units	Quarterly	1	5.9	
Polycyclic Aromatic Hydrocarbons	mg/L (Note 1)	Yearly	1	<0.001	
Potassium	mg/L (Note 1)	Quarterly	1	1.9	
Sodium	mg/L (Note 1)	Quarterly	1	48	
Standing Water Level (TOC)	metres	Quarterly	1	7.15	
Standing Water Level (m AHD)	metres	NA	NA	62.66	
Sulfate	mg/L (Note 1)	Quarterly	1	30	
Toluene	mg/L (Note 1)	Yearly	1	<0.001	
Total dissolved solids	mg/L (Note 1)	Quarterly	1	150	
Total organic carbon	mg/L (Note 1)	Quarterly	1	<5	
Total Petroleum Hydrocarbons	mg/L (Note 1)	Yearly	1	<0.1	
Total Phenolics	mg/L (Note 1)	Yearly	1	<0.05	
Xvlene	mg/L (Note 1)	Yearly	1	<0.003	
Zinc	mg/L (Note 1)	Yearly	1	0.014	
Explanatory Notes	(Note 1) mg/L (milligrar	ns per litre)			

Monitoring Location (EPA Point 18)	Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 18)			
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	470
Aluminium	mg/L (Note 1)	Yearly	1	0.06
Arsenic	mg/L (Note 1)	Yearly	1	0.002
Barium	mg/L (Note 1)	Yearly	1	0.53
Benzene	mg/L (Note 1)	Yearly	1	<0.01
Cadmium	mg/L (Note 1)	Yearly	1	<0.0002
Calcium	mg/L (Note 1)	Quarterly	1	15
Chloride	mg/L (Note 1)	Quarterly	1	280
Chromium (hexavalent)	mg/L (Note 1)	Yearly	1	<0.001
Chromium (total)	mg/L (Note 1)	Yearly	1	0.003
Cobalt	mg/L (Note 1)	Yearly	1	0.017
Copper	mg/L (Note 1)	Yearly	1	<0.001
Ethvlbenzene	mg/L (Note 1)	Yearly	1	<0.01
Fluoride	mg/L (Note 1)	Yearly	1	<0.5
Lead	mg/L (Note 1)	Yearly	1	0.003
Magnesium	mg/L (Note 1)	Quarterly	1	40
Manganese	mg/L (Note 1)	Yearly	1	11
Mercury	mg/L (Note 1)	Yearly	1	<0.0001
Nitrate + Nitrite (oxidised Nitrogen)	mg/L (Note 1)	Yearly	1	0.05
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	70
Organochlorine pesticides	mg/L (Note 1)	Yearly	1	<0.01
Organophosphate pesticides	mg/L (Note 1)	Yearly	1	<0.02
рН	pH units	Quarterly	1	6.6
Polycyclic Aromatic Hydrocarbons	mg/L (Note 1)	Yearly	1	<0.001
Potassium	mg/L (Note 1)	Quarterly	1	48
Sodium	mg/L (Note 1)	Quarterly	1	180
Standing Water Level (TOC)	metres	Quarterly	1	13.87
Standing Water Level (m AHD)	metres	NA	NA	81.51
Sulfate	mg/L (Note 1)	Quarterly	1	40
Toluene	mg/L (Note 1)	Yearly	1	<0.01
Total dissolved solids	mg/L (Note 1)	Quarterly	1	820
Total organic carbon	mg/L (Note 1)	Quarterly	1	39
Total Petroleum Hydrocarbons	mg/L (Note 1)	Yearly	1	0.5
Total Phenolics	mg/L (Note 1)	Yearly	1	<0.05
Xylene	mg/L (Note 1)	Yearly	1	<0.03
Zinc	mg/L (Note 1)	Yearly	1	0.027
Explanatory Notes	(Note 1) mg/L (milligrar	ns per litre)		

Monitoring Location (EPA Point 19)	Please refer to th for location (EPA	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	470	
Aluminium	mg/L (Note 1)	Yearly	1	<0.05	
Arsenic	mg/L (Note 1)	Yearly	1	0.001	
Barium	mg/L (Note 1)	Yearly	1	0.30	
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	61	
Chloride	mg/L (Note 1)	Quarterly	1	260	
Chromium (hexavalent)	mg/L (Note 1)	Yearly	1	<0.001	
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	<0.001	
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	30	
Manganese	mg/L (Note 1)	Yearly	1	0.81	
Mercury	mg/L (Note 1)	Yearly	1	<0.0001	
Nitrate + Nitrite (oxidised Nitrogen)	mg/L (Note 1)	Yearly	1	<0.05	
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	47	
Organochlorine pesticides	mg/L (Note 1)	Yearly	1	<0.01	
Organophosphate pesticides	mg/L (Note 1)	Yearly	1	<0.02	
рН	pH units	Quarterly	1	6.6	
Polycyclic Aromatic Hydrocarbons	mg/L (Note 1)	Yearly	1	<0.001	
Potassium	mg/L (Note 1)	Quarterly	1	55	
Sodium	mg/L (Note 1)	Quarterly	1	150	
Standing Water Level (TOC)	metres	Quarterly	1	3.55	
Standing Water Level (m AHD)	metres	NA	NA	61.53	
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	760	
Total organic carbon	mg/L (Note 1)	Quarterly	1	52	
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	<0.003	
Zinc	mg/L (Note 1)	Yearly	1	0.009	
Explanatory Notes	(Note 1) mg/L (milligrar	ms 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	32
Aluminium	mg/L (Note 1)	Yearly	1	0.45
Arsenic	mg/L (Note 1)	Yearly	1	0.003
Barium	mg/L (Note 1)	Yearly	1	0.13
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	2.7
Chloride	mg/L (Note 1)	Quarterly	1	43
Chromium (hexavalent)	mg/L(Note 1)	Yearly	1	<0.001
Chromium (total)	mg/L (Note 1)	Yearly	1	0.001
Cobalt	mg/L (Note 1)	Yearly	1	0.002
Copper	mg/L (Note 1)	Yearly	1	0.002
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	0.004
Magnesium	mg/L (Note 1)	Quarterly	1	4.9
Manganese	mg/L (Note 1)	Yearly	1	0.47
Mercury	mg/L (Note 1)	Yearly	1	<0.0001
Nitrate + Nitrite (oxidised Nitrogen)	mg/L (Note 1)	Yearly	1	<0.05
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	<0.01
Organochlorine pesticides	mg/L (Note 1)	Yearly	1	<0.01
Organophosphate pesticides	mg/L (Note 1)	Yearly	1	<0.02
рН	pH units	Quarterly	1	6.3
Polycyclic Aromatic Hydrocarbons	mg/L (Note 1)	Yearly	1	<0.001
Potassium	mg/L (Note 1)	Quarterly	1	1.0
Sodium	mg/L (Note 1)	Quarterly	1	23
Standing Water Level (TOC)	metres	Quarterly	1	21.71
Standing Water Level (m AHD)	metres	NA	NA	99.92
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	100
Total organic carbon	mg/L (Note 1)	Quarterly	1	19
Total Petroleum Hydrocarbons	mg/L (Note 1)	Yearly	1	<0.1
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	0.050
Explanatory Notes	(Note 1) mg/L (milligrar	ns per litre)		

Monitoring Location (EPA Point 5)		Please refer to the map, Kimbriki Monitoring Sites.pdj for location (EPA 5)		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter/year	Value
Conductivity	μS/cm (Note 1)	Quarterly	1	1500
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	8.8
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	220
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.12
рН	рН	Quarterly	1	6.7
Potassium	mg/L (Note 2)	Quarterly	1	3.6
Redox potential	mV (Note 4)	Quarterly	1	(+) 380
Total dissolved solids	mg/L (Note 2)	Quarterly	1	840
Total organic carbon	mg/L (Note 2)	Quarterly	1	6.2
Explanatory Notes	(Note 1) µS/cm (microsi (Note 2) mg/L (milligrar (Note 3) org/100 mL (cc (Note 4) mV (millivolts)	iemens per centime ns per litre) blony forming units	tre) per 100 millilitres)	

Monitoring Location (EPA Point 6)		Please refer to th for location (EPA	e map, Kimbriki N 16)	Ionitoring Sites.pdf,
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter/year	Value
Conductivity	μS/cm (Note 1)	Quarterly	1	340
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	8.8
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	390
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	<0.01
рН	рН	Quarterly	1	7.6
Potassium	mg/L (Note 2)	Quarterly	1	3.8
Redox potential	mV (Note 4)	Quarterly	1	(+) 300
Total dissolved solids	mg/L (Note 2)	Quarterly	1	360
Total organic carbon	mg/L (Note 2)	Quarterly	1	<5
Explanatory Notes	(Note 1) μS/cm (microsi (Note 2) mg/L (milligrar (Note 3) org/100 mL (cc (Note 4) mV (millivolts)	iemens per centime ns per litre) blony forming units	etre) per 100 millilitres)	

Monitoring Location (EPA Point 7)		Please refer to th for location (EPA	e map, Kimbriki M . 7)	Ionitoring Sites.pdf,
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter/year	Value
Conductivity	µS/cm (Note 1)	Quarterly	1	1400
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9.1
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	>24000
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	32
рН	рН	Quarterly	1	8.4
Potassium	mg/L (Note 2)	Quarterly	1	41
Redox potential	mV (Note 4)	Quarterly	1	(+) 240
Total dissolved solids	mg/L (Note 2)	Quarterly	1	710
Total organic carbon	mg/L (Note 2)	Quarterly	1	37
Explanatory Notes	(Note 2) mg/L (milligram (Note 3) org/100 mL (co (Note 4) mV (millivolts)	ns per litre) Jony forming units	per 100 millilitres)	
Monitoring Location (EPA Point 8)		Please refer to th for location (EPA	e map, Kimbriki M 8)	lonitoring Sites.pdf,
Monitoring Location (EPA Point 8) Pollutant	Units of measure	Please refer to th for location (EPA Monitoring frequency required by licence	e map, Kimbriki M 8) No. of times measured during quarter/year	lonitoring Sites.pdf, Value
Monitoring Location (EPA Point 8) Pollutant Conductivity	Units of measure μS/cm (Note 1)	Please refer to th for location (EPA Monitoring frequency required by licence Quarterly	e map, Kimbriki M 8) No. of times measured during quarter/year 1	Value 970
Monitoring Location (EPA Point 8) Pollutant Conductivity Dissolved Oxygen	Units of measure μS/cm (Note 1) mg/L (Note 2)	Please refer to th for location (EPA Monitoring frequency required by licence Quarterly Quarterly	e map, Kimbriki M 8) No. of times measured during quarter/year 1 1	Value 970 9.1
Monitoring Location (EPA Point 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 th for location (EPA Monitoring frequency required by licence Quarterly Quarterly Quarterly	e map, Kimbriki M 8) No. of times measured during quarter/year 1 1 1	Value 970 9.1 >2400
Monitoring Location (EPA Point 8) 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 th for location (EPA Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly	e map, Kimbriki M 8) No. of times measured during quarter/year 1 1 1 1 1	Value 970 9.1 >2400 7.8
Monitoring Location (EPA Point 8) 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 th for location (EPA Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	e map, Kimbriki M 8) No. of times measured during quarter/year 1 1 1 1 1 1 1	Value 970 9.1 >2400 7.8 7.9
Monitoring Location (EPA Point 8) Pollutant Conductivity Dissolved Oxygen Faecal Coliforms Nitrogen (ammonia) pH Potassium	Units of measure µS/cm (Note 1) mg/L (Note 2) org/100 mL (Note3) mg/L (Note 2) pH mg/L (Note 2)	Please refer to th for location (EPA Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	e map, Kimbriki M 8) No. of times measured during quarter/year 1 1 1 1 1 1 1 1 1	Value 970 9.1 >2400 7.8 7.9 25.0
Monitoring Location (EPA Point 8) 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 th for location (EPA Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	e map, Kimbriki M 8) No. of times measured during quarter/year 1 1 1 1 1 1 1 1 1 1 1 1 1	Value 970 9.1 >2400 7.8 7.9 25.0 (+) 250
Monitoring Location (EPA Point 8) Pollutant Conductivity Dissolved Oxygen Faecal Coliforms Nitrogen (ammonia) pH Potassium Redox potential Total dissolved solids	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) mV (Note 4) mg/L (Note 2)	Please refer to th for location (EPA Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	e map, Kimbriki M 8) No. of times measured during quarter/year 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Value 970 9.1 >2400 7.8 7.9 25.0 (+) 250 510
Monitoring Location (EPA Point 8) Pollutant Conductivity Dissolved Oxygen Faecal Coliforms Nitrogen (ammonia) pH Potassium Redox potential Total dissolved solids Total organic carbon	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) mg/L (Note 2) mg/L (Note 2)	Please refer to th for location (EPA Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	e map, Kimbriki M 8) No. of times measured during quarter/year 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Value Value 970 9.1 >2400 7.8 7.9 25.0 (+) 250 510 26

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	630
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	8.5
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	820
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	<0.01
рН	рН	Quarterly	1	8.1
Potassium	mg/L (Note 2)	Quarterly	1	13.0
Redox potential	mV (Note 4)	Quarterly	1	(+) 340
Total dissolved solids	mg/L (Note 2)	Quarterly	1	320
Total organic carbon	mg/L (Note 2)	Quarterly	1	14
Explanatory Notes	(Note 1) µS/cm (microsi (Note 2) mg/L (milligran (Note 3) org/100 mL (cc (Note 4) mV (millivolts)	iemens per centime ns per litre) blony forming units	etre) per 100 millilitres)	

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	5600
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	7.9
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	>24000
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	420
рН	рН	Quarterly	1	8.1
Potassium	mg/L (Note 2)	Quarterly	1	190.0
Redox potential	mV (Note 4)	Quarterly	1	(+) 200
Total dissolved solids	mg/L (Note 2)	Quarterly	1	2100
Total organic carbon	mg/L (Note 2)	Quarterly	1	110
Explanatory Notes	(Note 1) μS/cm (microsi (Note 2) mg/L (milligran (Note 3) org/100 mL (cc (Note 4) mV (millivolts)	emens per centime ns per litre) Ilony forming units	tre) per 100 millilitres)	

Monitoring Location (EPA Point 11)		Please refer to th for location (EPA	e map, Kimbriki M A 11)	Ionitoring Sites.pdf,
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter/year	Value
Conductivity	µS/cm (Note 1)	Quarterly	1	340
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9.0
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	>2400
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.02
рН	рН	Quarterly	1	8.2
Potassium	mg/L (Note 2)	Quarterly	1	13.0
Redox potential	mV (Note 4)	Quarterly	1	(+) 320
Total dissolved solids	mg/L (Note 2)	Quarterly	1	200
Total organic carbon	mg/L (Note 2)	Quarterly	1	13
Explanatory Notes	(Note 2) mg/L (milligram (Note 3) org/100 mL (cc (Note 4) mV (millivolts)	ns per litre) Jony forming units	per 100 millilitres)	
Monitoring Location (EPA Point 12)		Please refer to th for location (EPA	e map, Kimbriki M A 12)	lonitoring Sites.pdf,
Monitoring Location (EPA Point 12) Pollutant	Units of measure	Please refer to th for location (EPA Monitoring frequency required by licence	e map, Kimbriki M 12) No. of times measured during quarter/year	<i>lonitoring Sites.pdf,</i> Value
Monitoring Location (EPA Point 12) Pollutant Conductivity	Units of measure µS/cm (Note 1)	Please refer to th for location (EPA Monitoring frequency required by licence Quarterly	e map, Kimbriki M 12) No. of times measured during quarter/year 1	Value 420
Monitoring Location (EPA Point 12) Pollutant Conductivity Dissolved Oxygen	Units of measure μS/cm (Note 1) mg/L (Note 2)	Please refer to th for location (EPA Monitoring frequency required by licence Quarterly Quarterly	e map, Kimbriki M 12) No. of times measured during quarter/year 1 1	Value 420 8.0
Monitoring Location (EPA Point 12) Pollutant Conductivity Dissolved Oxygen Faecal Coliforms	Units of measure μS/cm (Note 1) mg/L (Note 2) org/100 mL (Note3)	Please refer to th for location (EPA Monitoring frequency required by licence Quarterly Quarterly Quarterly	e map, Kimbriki M 12) No. of times measured during quarter/year 1 1 1	Value 420 8.0 1600
Monitoring Location (EPA Point 12) Pollutant Conductivity Dissolved Oxygen Faecal Coliforms Nitrogen (ammonia)	Units of measure µS/cm (Note 1) mg/L (Note 2) org/100 mL (Note 3) mg/L (Note 2)	Please refer to th for location (EPA Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly	e map, Kimbriki M 12) No. of times measured during quarter/year 1 1 1 1 1	Value 420 8.0 1600 0.46
Monitoring Location (EPA Point 12) 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 th for location (EPA Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	e map, Kimbriki M 12) No. of times measured during quarter/year 1 1 1 1 1 1 1 1	Value Value 420 8.0 1600 0.46 8.0
Monitoring Location (EPA Point 12) 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 th for location (EPA Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	e map, Kimbriki M 12) No. of times measured during quarter/year 1 1 1 1 1 1 1 1 1 1 1	Value Value 420 8.0 1600 0.46 8.0 20
Monitoring Location (EPA Point 12) 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) 	Please refer to th for location (EPA Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	e map, Kimbriki M 12) No. of times measured during quarter/year 1 1 1 1 1 1 1 1 1 1 1 1	Value Value 420 8.0 1600 0.46 8.0 20 (+) 280
Monitoring Location (EPA Point 12) Pollutant Conductivity Dissolved Oxygen Faecal Coliforms Nitrogen (ammonia) pH Potassium Redox potential Total dissolved solids	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) mV (Note 4) mg/L (Note 2)	Please refer to th for location (EPA Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	e map, Kimbriki M 12) No. of times measured during quarter/year 1 1 1 1 1 1 1 1 1 1 1 1 1	Value Value 420 8.0 1600 0.46 8.0 20 (+) 280 230
Monitoring Location (EPA Point 12) Pollutant Conductivity Dissolved Oxygen Faecal Coliforms Nitrogen (ammonia) pH Potassium Redox potential Total dissolved solids Total organic carbon	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) mV (Note 4) mg/L (Note 2) mg/L (Note 2)	Please refer to th for location (EPA Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	e map, Kimbriki M 12) No. of times measured during quarter/year 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Value Value 420 8.0 1600 0.46 8.0 20 (+) 280 230 17

Monitoring Location (EPA Point 13)		Please refer to th for location (EPA	e map, Kimbriki N \ 13)	Ionitoring Sites.pdf,
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter/year	Value
Conductivity	μS/cm (Note 1)	Quarterly	1	460
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	8.8
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	180
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.08
рН	рН	Quarterly	1	7.6
Potassium	mg/L (Note 2)	Quarterly	1	11
Redox potential	mV (Note 4)	Quarterly	1	(+) 320
Total dissolved solids	mg/L (Note 2)	Quarterly	1	220
Total organic carbon	mg/L (Note 2)	Quarterly	1	11
Explanatory Notes	(Note 1) μS/cm (microsi (Note 2) mg/L (milligrar (Note 3) org/100 mL (cc (Note 4) mV (millivolts)	iemens per centime ns per litre) blony forming units	etre) per 100 millilitres)	

Monitoring Location (EPA Point 14)		Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 14)		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter/year	Value
Conductivity	μS/cm (Note 1)	Quarterly	1	490
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	8.0
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	980
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.17
рН	рН	Quarterly	1	7.5
Potassium	mg/L (Note 2)	Quarterly	1	25.0
Redox potential	mV (Note 4)	Quarterly	1	(+) 350
Total dissolved solids	mg/L (Note 2)	Quarterly	1	270
Total organic carbon	mg/L (Note 2)	Quarterly	1	16
Explanatory Notes	(Note 1) μS/cm (microsi (Note 2) mg/L (milligran (Note 3) org/100 mL (cc (Note 4) mV (millivolts)	emens per centime ns per litre) Jony forming units	tre) per 100 millilitres)	

Monitoring Location (EPA Point 15)		Please refer to th for location (EPA	e map, Kimbriki M 1 5)	Ionitoring Sites.pdf,
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter/year	Value
Conductivity	μS/cm (Note 1)	Quarterly	1	600
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	7.7
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	1300
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	3.6
pH	pH	Quarterly	1	7.2
Potassium	mg/L (Note 2)	Quarterly	1	22
Redox potential	mV (Note 4)	Quarterly	1	(+) 320
Total dissolved solids	mg/L (Note 2)	Quarterly	1	320
Explanatory Notes	(Note 1) μS/cm (microsi (Note 2) mg/L (milligran (Note 3) org/100 mL (cc (Note 4) mV (millivolts)	iemens per centime ns per litre) blony forming units	tre) per 100 millilitres)	10
Monitoring Location (EPA Point 1)		Please refer to th for location (EPA	e map, Kimbriki M 1)	lonitoring Sites.pdf,
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	<5
Explanatory Notes	(Note 1) mg/L (milligran (Note 2) Special Freque	ns per litre) ncy 1 - Quarterly an	d on the first day of	discharge
Monitoring Location (EPA Point 2)		Please refer to th for location (EPA	e map, Kimbriki M 2)	Ionitoring Sites.pdf,
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	<5
Explanatory Notes	(Note 1) mg/L (milligran (Note 2) Special Freque	ns per litre) ncy 1 - Quarterly an	d on the first day of	discharge

Monitoring Location (EPA Point 3)		Please refer to th for location (EPA	e map, Kimbriki M 1 3)	Ionitoring Sites.pdf,
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	<5
Explanatory Notes	(Note 1) mg/L (milligran (Note 2) Special Freque	ns per litre) ncy 1 - Quarterly an	d on the first day of	discharge
Monitoring Location (EPA Point 21)		Please refer to th for location (EPA	e map, Kimbriki M A 21)	Ionitoring Sites.pdf,
Monitoring Location (EPA Point 21) Pollutant	Units of measure	Please refer to th for location (EPA Monitoring frequency required by licence	e map, Kimbriki M 21) No. of times measured during quarter/year	Ionitoring Sites.pdf, Value
Monitoring Location (EPA Point 21) Pollutant Biochemical oxygen demand	Units of measure mg/L (Note 1)	Please refer to th for location (EPA Monitoring frequency required by licence Special Frequency 1 (Note 2)	e map, Kimbriki M 21) No. of times measured during quarter/year 1	Value <5