

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 The information and data in this table must not be published elsewhere by any means without prior written consent from Kimbriki Environmental Enterprises.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

Monitoring Period	Sep-20								
Date Published	12 October 2	020							
EPA Licence No.	13091	13091							
EPA Licence Hyperlink	https://apps.	epa.nsw.gov.au	ı/prpoeoapp/Vi	ewPOEOLic	ence.aspx?	DOCID=16589	94&SYSUID=1		
	&LICID=1309	<u>1</u>							
Licensee Name	KIMBRIKI EN	VIRONMENTAL	ENTERPRISES P	TY LIMITED					
Licensee Address	PO BOX 196,	Terrey Hills, NS	W 2084						
Monitoring Location (EPA Poin	t 1)	Please refer to the	map, Kimbriki Mc	onitoring Sites.	.pdf, for locat	ion (EPA 1)			
Pollutant	Units of measure	Monitoring frequency required by licence No. of times measured during month No. of times measured during month Min. value Max. value limit (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	0.05	0.05	1	no		
рН	pH	Daily during any discharge	1	7.87	7.87	6.5-8.5	no		
Total suspended solids	mg/L (Note 1)	Daily during any discharge	1	22.0	22.0	50	no		
Explanatory Notes		milligrams per litre Frequency 1 - Qua) irterly and on the fi	irst day of disc	charge				
Monitoring Location (EPA Poin	t 2)	Please refer to the	map, Kimbriki Mc	onitoring Sites	.pdf, for locat	ion (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)		
Explanatory Notes	No surface wate	er discharge occurr	ed from this monit	oring point du	ring the mont	h.			
Monitoring Location (EPA Poin	t 3)	Please refer to the	e map, Kimbriki Mo	onitoring Sites	.pdf, for locat	ion (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)		
Explanatory Notes	No surface wate	er discharge occurr	ed from this monit	oring point du	ring the mont	h.			
Monitoring Location (EPA Poin	t 21)		map, Kimbriki Mc	onitoring Sites	.pdf, for locat	ion (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)		
Explanatory Notes	No surface water	er discharge occurr	ed from this monit	oring point du	ring the mont	h.			



Monthly Summary of EPA Monitoring Data with Limits

Monitoring Location (EPA Poin	Enclosed Ground Level Flare in the North-Eastern corner of the Premises. Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 22)						
Parameter	Units of measure	Monitoring frequency required by licence	No. of times measured during Min. value M month		Max. value	Lower Limit (Note 2)	Exceedance (yes/no)
Residence Time	seconds	Continuous	Continuous	0.6	0.8	0.6	no
Temperature	°C (Note 1)	Continuous	Continuous	789	810	760	no
Explanatory Notes	(Note 1) °C (degrees Celsius) (Note 2) The parameter value must <i>be greater than</i> the Lower Limit specified						



Monthly Summary of EPA Monitoring Data - No Limit

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Monitoring Period	Sep-20						
Date Published	12 October 20)20					
EPA Licence No.	13091						
EPA Licence Hyperlink	https://apps.e CID=13091	epa.nsw.gov.au,	/prpoeoapp/Vie	wPOEOLice	ence.aspx?D	OCID=1658	94&SYSUID=1&LI
Licensee Name	KIMBRIKI ENV	IRONMENTAL E	NTERPRISES PT	Y LIMITED			
Licensee Address	PO BOX 196, T	errey Hills, NSV	V 2084				
Monitoring Location (EPA Poin	t 1) Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 1)						
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during month	Min. value	Mean value	Median value	Exceedance (yes/no)
Conductivity	μS/cm (Note 1)	Daily during any discharge	1	461	461	461	461
Explanatory Notes	(Note 1) μS/cm (microsiemens per	centimetre)				
Monitoring Location (EPA Poin	t 2)	Please refer to the	map, Kimbriki Mo	onitoring Sites	.pdf, for locat	tion (EPA 2)	
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during month	Min. value	Mean value	Median value	Max. value
Explanatory Notes	Explanatory Notes No surface water discharge occurred from this monitoring point during the month.						
Monitoring Location (EPA Poin	t 3)	Please refer to the	map, Kimbriki Mo	onitoring Sites	.pdf, for locat	tion (EPA 3)	
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during month	Min. value	Mean value	Median value	Max. value
Explanatory Notes	No surface water	discharge occurre	d from this monito	ring point dur	ing the month	١.	
Monitoring Location (EPA Poin	t 21)	Please refer to the	map, Kimbriki Mo	onitoring Sites	pdf, for locat	tion (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
Explanatory Notes	No surface water	discharge occurre	d from this monito	ring point dur	ing the month	١.	
Monitoring Location (EPA Poin	t 22)		Level Flare in the N ng Sites.pdf, for loc			Premises. Plea	se refer to the map,
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	m³/h (Note 1)	Continuous	Continuous	0 (Note 2)	492	494	548
Explanatory Notes	(Note 2) Zero val 1. Flare was shut	down on 15th Sept	ember for ~3.5 ho		•		ted remotely. s restarted remotely.



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For more details on publication of pollution monitoring data please refer to the NSW EPA Website, www.epa.nsw.gov.au

Monitoring Period	June 2020 - September 2020 (Quarterly). Surface water sampled 22 September 2020. Groundwater sampled 21 September 2020.							
Date Published	12 October 2020	12 October 2020						
EPA Licence No.	13091							
EPA Licence Hyperlink	https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=16 5894&SYSUID=1&LICID=13091							
Licensee Name	KIMBRIKI ENVIRONM	ENTAL ENTERPRIS	ES PTY LIMITED					
Licensee Address	PO BOX 196, Terrey H	Iills, NSW 2084						
Monitoring Location (EPA Point 1/11)	Please refer to the man Kimhriki Monito			onitoring Sites.pdf,				
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	190				
Dissolved Oxygen	mg/L (Note 1)	Quarterly	1	8.7				
Faecal Coliforms	org/100 mL (Note 4)	Quarterly	1	29				
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.04				
рН	рН	Quarterly	1	7.6				
Potassium	mg/L (Note 1)	Quarterly	1	<5				
Redox potential	mV (Note 5)	Quarterly	1	290				
Total dissolved solids	mg/L (Note 1)	Quarterly	1	100				
Total organic carbon	mg/L (Note 1)	Quarterly	1	9.3				
Explanatory Notes	(Note 1) mg/L (milligrams per litre) (Note 2) Special Frequency 1 - Quarterly and on the first day of discharge (Note 3) μS/cm (microsiemens per centimetre) (Note 4) org/100 mL (colony forming units per 100 millilitres) (Note 5) mV (millivolts)							



INIONITORING LOCATION (FPA POINT 2)		Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 2)			
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value	
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	1	<5	
Explanatory Notes	(Note 1) mg/L (milligrar (Note 2) Special Freque		d on the first day of	discharge	
Monitoring Location (EPA Point 3/12)		Please refer to th for location (EPA	• •	onitoring Sites.pdf,	
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	380	
Dissolved Oxygen	mg/L (Note 1)	Quarterly	1	9.2	
Faecal Coliforms	org/100 mL (Note 4)	Quarterly	1	320	
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.02	
pH	pH	Quarterly	1	9.0	
Potassium	mg/L (Note 1)	Quarterly	1	11	
Redox potential Total dissolved solids	mV (Note 5)	Quarterly Quarterly	1	260 250	
Total organic carbon	mg/L (Note 1)		1	6.1	
Explanatory Notes	mg/L (Note 1) Quarterly 1 6.1 (Note 1) mg/L (milligrams per litre) (Note 2) Special Frequency 1 - Quarterly and on the first day of discharge (Note 3) µS/cm (microsiemens per centimetre) (Note 4) org/100 mL (colony forming units per 100 millilitres) (Note 5) mV (millivolts)				
Monitoring Location (EPA Point 5)		Please refer to the map, Kimbriki Monitoring Sites.pdj			
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value	
Explanatory Notes	Sample could not be co to a pending licence var			-	



IMportoring Location (FPA Point 6)		Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 6)			
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value	
Explanatory Notes	Sample could not be collected from this location. This monitoring location is subject to a pending licence variation application submitted to the EPA in August 2020.				
Monitoring Location (EPA Point 7)		Please refer to th for location (EPA	<u> </u>	onitoring Sites.pdf,	
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value	
Conductivity	μS/cm (Note 1)	Quarterly	1	330	
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9	
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	460	
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.04	
pH	рН	Quarterly	1	7.9	
Potassium	mg/L (Note 2)	Quarterly	1	<5	
Redox potential	mV (Note 4)	Quarterly	1	280	
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 (microsi (Note 2) mg/L (milligran (Note 3) org/100 mL (co (Note 4) mV (millivolts)	ns per litre)			
Monitoring Location (EPA Point 8)		Please refer to the map, Kimbriki Monitoring Sites.pdf for location (EPA 8)			
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value	
Conductivity	μS/cm (Note 1)	Quarterly	1	380	
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	8.9	
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	250	
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.03	
рН	рН	Quarterly	1	9.0	
Potassium	mg/L (Note 2)	Quarterly	1	6.6	
Redox potential	mV (Note 4)	Quarterly	1	250	
Total dissolved solids	mg/L (Note 2)	Quarterly	1	200	
Total organic carbon	mg/L (Note 2)	Quarterly	1	<5	
Explanatory Notes	(Note 1) μS/cm (microsi (Note 2) mg/L (milligram (Note 3) org/100 mL (co (Note 4) mV (millivolts)	ns per litre)			



IMonitoring Location (FPA 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	Value	
Conductivity	μS/cm (Note 1)	Quarterly	1	410	
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9.1	
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	190	
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.05	
рН	рН	Quarterly	1	8.2	
Potassium	mg/L (Note 2)	Quarterly	1	8.0	
Redox potential	mV (Note 4)	Quarterly	1	170	
Total dissolved solids	mg/L (Note 2)	Quarterly	1	220	
Total organic carbon	mg/L (Note 2)	Quarterly	1	<5	
Monitoring Location (EPA Point 10)	(Note 4) mV (millivolts)	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	Value	
Conductivity	μS/cm (Note 1)	Quarterly	1	4700	
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	6.2	
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	>24000	
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	330	
рН	рН	Quarterly	1	8.0	
Potassium	mg/L (Note 2)	Quarterly	1	140	
Redox potential	mV (Note 4)	Quarterly	1	220	
Total dissolved solids	mg/L (Note 2)	Quarterly	1	1900	
Total organic carbon	mg/L (Note 2)	Quarterly	1	110	
Explanatory Notes	(Note 1) µS/cm (microsiemens per centimetre) (Note 2) mg/L (milligrams per litre) (Note 3) org/100 mL (colony forming units per 100 millilitres) (Note 4) mV (millivolts)				



Monitoring Location (EPA Point 13)		Please refer to th for location (EPA	e map, Kimbriki M 1 13)	onitoring Sites.pdf,		
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value		
Conductivity	μS/cm (Note 1)	Quarterly	1	520		
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	8.9		
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	120		
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	2.40		
рН	рН	Quarterly	1	7.6		
Potassium	mg/L (Note 2)	Quarterly	1	11		
Redox potential	mV (Note 4)	Quarterly	1	250		
Total dissolved solids	mg/L (Note 2)	Quarterly	1	270		
Total organic carbon	mg/L (Note 2)	Quarterly	1	<5		
Explanatory Notes	(Note 1) µS/cm (microsiemens per centimetre) (Note 2) mg/L (milligrams per litre) (Note 3) org/100 mL (colony forming units per 100 millilitres) (Note 4) mV (millivolts)					
Monitoring Location (EPA Point 14)	onitoring 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	Value		
Explanatory Notes	Sample could not be co	llected as there was	no flow at this locat	ion.		
Monitoring Location (EPA Point 15)		Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 15)				
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value		
Conductivity	μS/cm (Note 1)	Quarterly	1	560		
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	8.5		
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	790		
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	3.6		
рН	рН	Quarterly	1	7.6		
Potassium	mg/L (Note 2)	Quarterly	1	13		
Redox potential	mV (Note 4)	Quarterly	1	270		
Total dissolved solids	mg/L (Note 2)	Quarterly	1	310		
Total organic carbon	mg/L (Note 2)	Quarterly	1	<5		
Explanatory Notes	mg/L (Note 2) Quarterly 1 <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 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	33
Calcium	mg/L (Note 1)	Quarterly	1	9.7
Chloride	mg/L (Note 1)	Quarterly	1	78
Magnesium	mg/L (Note 1)	Quarterly	1	18
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.07
ЭН	pH units	Quarterly	1	6.5
Potassium	mg/L (Note 1)	Quarterly	1	<5
Sodium	mg/L (Note 1)	Quarterly	1	34
Standing Water Level (TOC)	metres	Quarterly	1	17.78
Standing Water Level (m AHD)	metres	NA	NA	98.63
Sulfate	mg/L (Note 1)	Quarterly	1	<5
Total dissolved solids	mg/L (Note 1)	Quarterly	1	180
		1		12
	mg/L (Note 1) (Note 1) mg/L (milligran	Quarterly ms per litre)	1	12
Total organic carbon		ms per litre)	ne map, Kimbriki Mo	
Total organic carbon Explanatory Notes		ms per litre) Please refer to th	ne map, Kimbriki Mo	
Explanatory Notes Monitoring Location (EPA Point 17) Pollutant	(Note 1) mg/L (milligran	Please refer to the for location (EPA) Monitoring frequency required by	ne map, Kimbriki Mo A 17) No. of times measured during	onitoring Sites.pdj
Explanatory Notes Monitoring Location (EPA Point 17) Pollutant Alkalinity (as calcium carbonate)	(Note 1) mg/L (milligran	Please refer to the for location (EPA) Monitoring frequency required by licence	No. of times measured during quarter	onitoring Sites.pdj Value
Explanatory Notes Monitoring Location (EPA Point 17) Pollutant Alkalinity (as calcium carbonate) Calcium	Units of measure mg/L (Note 1)	Please refer to the for location (EPA) Monitoring frequency required by licence Quarterly	No. of times measured during quarter	onitoring Sites.pd Value <20
Explanatory Notes Monitoring Location (EPA Point 17) Pollutant Alkalinity (as calcium carbonate) Calcium Chloride	Units of measure mg/L (Note 1) mg/L (Note 1)	Ms per litre) Please refer to the for location (EPP) Monitoring frequency required by licence Quarterly Quarterly	No. of times measured during quarter	Value <20 <5
Explanatory Notes Monitoring Location (EPA Point 17) 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)	Ms per litre) Please refer to the for location (EPP) Monitoring frequency required by licence Quarterly Quarterly Quarterly	No. of times measured during quarter	Value <20 <5 74
Explanatory Notes Monitoring Location (EPA Point 17) Pollutant Alkalinity (as calcium carbonate) Calcium Chloride Magnesium Nitrogen (ammonia)	Units of measure mg/L (Note 1) pH units	Ms per litre) Please refer to the for location (EPP) Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly	No. of times measured during quarter 1 1 1 1	Value <20 <5 74 8.4
Explanatory Notes Monitoring Location (EPA Point 17) Pollutant Alkalinity (as calcium carbonate) Calcium Chloride Magnesium Nitrogen (ammonia) pH	Units of measure mg/L (Note 1)	Ms per litre) Please refer to the for location (EPP) Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	No. of times measured during quarter 1 1 1 1 1 1	value <20 <5 74 8.4 0.14
Explanatory Notes Monitoring Location (EPA Point 17) Pollutant Alkalinity (as calcium carbonate) Calcium Chloride Magnesium Nitrogen (ammonia) OH	Units of measure mg/L (Note 1) pH units	Ms per litre) Please refer to the for location (EPP) Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	No. of times measured during quarter 1 1 1 1 1 1 1 1	value <20 <5 74 8.4 0.14 5.9
Explanatory Notes Monitoring Location (EPA Point 17) Pollutant Alkalinity (as calcium carbonate) Calcium Chloride Magnesium Nitrogen (ammonia) OH Potassium Sodium	Units of measure mg/L (Note 1) pH units mg/L (Note 1)	Ms per litre) Please refer to the for location (EPP) Monitoring frequency required by licence Quarterly	No. of times measured during quarter 1 1 1 1 1 1 1 1 1 1 1	value <20 <5 74 8.4 0.14 5.9 <5
Explanatory Notes Monitoring Location (EPA Point 17) Pollutant Alkalinity (as calcium carbonate) Calcium Chloride Magnesium Nitrogen (ammonia) OH Potassium Sodium Standing Water Level (TOC)	Units of measure mg/L (Note 1) pH units mg/L (Note 1) mg/L (Note 1) mg/L (Note 1)	Ms per litre) Please refer to the for location (EPP) Monitoring frequency required by licence Quarterly	No. of times measured during quarter 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	value <20 <5 74 8.4 0.14 5.9 <5 41
Pollutant Pollutant Alkalinity (as calcium carbonate) Calcium Chloride Magnesium Nitrogen (ammonia) OH Potassium Standing Water Level (TOC) Standing Water Level (m AHD)	Units of measure mg/L (Note 1) pH units mg/L (Note 1)	Monitoring frequency required by licence Quarterly	No. of times measured during quarter 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	value <20 <5 74 8.4 0.14 5.9 <5 41 7.42
Explanatory Notes Monitoring Location (EPA Point 17) Pollutant Alkalinity (as calcium carbonate) Calcium Chloride Magnesium Nitrogen (ammonia) OH Potassium Standing Water Level (TOC) Standing Water Level (m AHD) Sulfate	Units of measure mg/L (Note 1) metres metres	Monitoring frequency required by licence Quarterly NA	No. of times measured during quarter 1 1 1 1 1 1 1 1 1 1 1 NA	value <20 <5 74 8.4 0.14 5.9 <5 41 7.42 62.39
Explanatory Notes Monitoring Location (EPA Point 17)	Units of measure mg/L (Note 1)	Monitoring frequency required by licence Quarterly	No. of times measured during quarter 1 1 1 1 1 1 1 1 1 NA 1	value <20 <5 74 8.4 0.14 5.9 <5 41 7.42 62.39 43



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	Value		
The nature of this monitoring location has changed due to the revised landfill Explanatory Notes footprint. This monitoring location is subject to a pending licence variation application submitted to the EPA in August 2020.						
Monitoring Location (EPA Point 19)	Please refer to th for location (EPA	·	onitoring Sites.pdf,			
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	470		
Calcium	mg/L (Note 1)	Quarterly	1	46		
Chloride	mg/L (Note 1)	Quarterly	1	260		
Magnesium	mg/L (Note 1)	Quarterly	1	25		
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	49		
рН	pH units	Quarterly	1	6.8		
Potassium	mg/L (Note 1)	Quarterly	1	50		
Sodium	mg/L (Note 1)	Quarterly	1	120		
Standing Water Level (TOC)	metres	Quarterly	1	4.24		
Standing Water Level (m AHD)	metres	NA	NA	60.84		
Sulfate	mg/L (Note 1)	Quarterly	1	<5		
Total dissolved solids	mg/L (Note 1)	Quarterly	1	760		
Total organic carbon	mg/L (Note 1)	Quarterly	1	81		
Explanatory Notes	(Note 1) mg/L (milligran	ns per litre)				



Monitoring Location (EPA Point 20)		Please refer to th for location (EPA		onitoring Sites.pdf,
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	40
Calcium	mg/L (Note 1)	Quarterly	1	<5
Chloride	mg/L (Note 1)	Quarterly	1	42
Magnesium	mg/L (Note 1)	Quarterly	1	<5
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.04
рН	pH units	Quarterly	1	6.6
Potassium	mg/L (Note 1)	Quarterly	1	<5
Sodium	mg/L (Note 1)	Quarterly	1	22
Standing Water Level (TOC)	metres	Quarterly	1	21.48
Standing Water Level (m AHD)	metres	NA	NA	100.15
Sulfate	mg/L (Note 1)	Quarterly	1	<5
Total dissolved solids	mg/L (Note 1)	Quarterly	1	120
Total organic carbon	mg/L (Note 1)	Quarterly	1	26
Explanatory Notes	(Note 1) mg/L (milligrar	ms per litre)		
Monitoring Location (EPA Point 21)		Please refer to th for location (EPA		onitoring Sites.pdf,
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				