

Monthly Summary of EPA Monitoring Data with Limits

Monitoring Period	Dec-20							
Date Published	25 January 2021							
EPA Licence No.	13091							
EPA Licence Hyperlink	https://apps.	epa.nsw.gov.au	ı/prpoeoapp/Vi	ewPOEOLic	ence.aspx?	DOCID=1658	94&SYSUID=1	
	<u>&LICID=1309</u>	<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 Mo	onitoring Sites	.pdf, for locat	ion (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)	1	<5	<5	20	no	
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	1	0.15	0.15	1	no	
рН	рН	Daily during any discharge	1	7.91	7.91	6.5-8.5	no	
Total suspended solids	mg/L (Note 1)	Daily during any discharge	1	750.0	750.0	50	yes	
Explanatory Notes		milligrams per litre Frequency 1 - Qua) irterly and on the f	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 water	er discharge occurr	ed from this monit	oring point du	ring the mont	th.		



Monthly Summary of EPA Monitoring Data with Limits

Monitoring Location (EPA Poin	t 3)	Please refer to the	map, Kimbriki Mc	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)
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	0.44	0.44	1	no
рН	рН	Daily during any discharge	1	7.35	7.35	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	rst day of disc	charge		
Monitoring Location (EPA Poin	t 21)	Please refer to the	map, Kimbriki Mc	nitoring 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)
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	6	<2	<5	20	no
Nitrogen (ammonia)	mg/L (Note 1)	Daily during any discharge	13	<0.01	0.27	1	no
рН	рН	Daily during any discharge	13	6.62	7.99	6.5-8.5	no
Total suspended solids	mg/L (Note 1)	Daily during any discharge	13	9.4	510.0	50	yes
Explanatory Notes	, , ,	nilligrams per litre Frequency 1 - Qua) orterly and on the fi	rst day of disc	charge		
Monitoring Location (EPA Poin	t 22)		Level Flare in the No nitoring Sites.pdf, f			remises. Please	refer to the
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	0.7	0.8	0.6	no
Temperature	°C (Note 1)	Continuous	Continuous	789	813	760	no
Explanatory Notes	(Note 1) °C (deg (Note 2) The par		t be greater than t	the Lower Lim	it specified		



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Monitoring Period	Dec-20	24						
Date Published	25 January 20)21						
EPA Licence No.	13091	000 000 000 000	/nrnaaaann/	ViewBOEOLises	200 200 200	CID_16F9049 CVCI IID_19 LICID_12001		
EPA Licence Hyperlink	nttps://apps.	https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=165894&SYSUID=1&LICID=13091						
Licensee Name	KIMBRIKI EN\	KIMBRIKI ENVIRONMENTAL ENTERPRISES PTY LIMITED PO BOX 196. Terrey Hills. NSW 2084						
Licensee Address	PO BOX 196, Terrey Hills, NSW 2084							
Monitoring Location (EPA Point	Please refer to the map, Kimbriki Monitoring Sites.pdf, for location (EPA 1)							
Pollutant	Units of measure	Monitoring frequency required by licence	100 percentile limit	Exceedance Date	Value	Five-day cumulative rainfall recorded on site (mm) (Note 1)		
Total suspended solids	mg/L (Note 2)	Daily during any discharge	50	16/12/2020	750	48.5		
Explanatory Notes	(Note 3) The 5 allowance for c were being use preparing the v Kimbriki perfor potential for su	milligrams per lit -day cumulative r lischarge in a five d to treat runoff vestern basins in ms daily inspection ispended solids d	ainfall at the ti -day duration S from previous readiness for f ons of sedimen ischarge is min	Ooth percentile raintermittent rainturtent rainturther rainfall, rate controls and proinised. Kimbriki v	ninfall event. Al fall events earli infall occurred pactively maint will also upgrac	December 2020 was 78% of the 62.1 mm so, the western basins (EPA 1 and EPA 21) er in the month. During the process of which caused the basins to overflow. ain controls by all means practical to ensure le erosion and sediment controls by ation was approved in late December 2020).		
Monitoring Location (EPA Point	21)	Please refer to	the map, Kii	mbriki Monitori	ng Sites.pdf,	for location (EPA 21)		
Pollutant	Units of measure	Monitoring frequency required by licence	100 percentile limit	Exceedance Date	Value	Five-day cumulative rainfall recorded on site (mm) (Note 1)		
Total suspended solids	mg/L (Note 2)	Daily during any discharge	50	15/12/2020	280	48.0		
Total suspended solids	mg/L (Note 2)	Daily during any discharge	50	16/12/2020	510	48.5		
Total suspended solids	mg/L (Note 2)	Daily during any discharge	50	17/12/2020	390	48.5		
Total suspended solids	mg/L (Note 2)	Daily during any discharge	50	19/12/2020	190	50.0		
Total suspended solids	mg/L (Note 2)	Daily during any discharge	50	20/12/2020	190	20.0		
Explanatory Notes	(Note 3) While December 2020 the results are rainfall events rainfall occurre proactively ma Kimbriki will als	milligrams per lit the 5-day cumula 0 did not meet th attributable to th earlier in the mor d which caused t intain controls by	ative rainfall at e five-day dura we western basi on th. During the he basins to ov all means prac on and sedimer	ntion 90th percen ns (EPA 1 and EP process of prepa erflow. Kimbriki ctical to ensure po nt controls by con	tile rainfall event A 21) being use ring the weste performs daily bential for sus structing an up	the 15th, 16th, 17th, 19th and 20th nt allowance for discharge (being 62.1 mm), rd to treat runoff from previous intermittent rn basins in readiness for further rainfall, inspections of sediment controls and pended solids discharge is minimisedgradient clean water diversion system		



Monthly Summary of EPA Monitoring Data - No Limit

Monitoring Period	Dec-20								
Date Published	25 January 20	25 January 2021							
EPA Licence No.	13091	13091							
EPA Licence Hyperlink	https://apps.e	https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=165894&SYSUID=1&L							
	CID=13091	CID=13091							
Licensee Name	KIMBRIKI ENV	KIMBRIKI ENVIRONMENTAL ENTERPRISES PTY LIMITED							
Licensee Address	PO BOX 196,	O BOX 196, Terrey Hills, NSW 2084							
Monitoring Location (EPA Poi	nt 1)	Please refer to the	map, Kimbriki Mo	onitoring Sites	pdf, for locat	tion (EPA 1)			
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during month	Min. value	Mean value	Median value	Max. value		
Conductivity	μS/cm (Note 1)	Daily during any discharge	1	287	287	287	287		
Explanatory Notes	(Note 1) μS/cm (microsiemens per	centimetre)						
Monitoring Location (EPA Poi	nt 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	No surface wate	r discharge occurre	d from this monito	ring point dur	ing the month	1.			
Monitoring Location (EPA Poi	nt 3)	Please refer to the	map, Kimbriki Me	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		
Conductivity	μS/cm (Note 1)	Daily during any discharge	1	265	265	265	265		
Explanatory Notes	(Note 1) μS/cm (microsiemens per	centimetre)						
Monitoring Location (EPA Poi	nt 21)	Please refer to the	map, Kimbriki Me	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		
Conductivity	μS/cm (Note 1)	Daily during any discharge	13	251	347	360	444		
Explanatory Notes	(Note 1) μS/cm (microsiemens per	centimetre)						
Monitoring Location (EPA Poi	nt 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)	458	484	515		
Explanatory Notes	(Note 2) Zero val 1. Flare was shut remotely. 2. Flare was shut	(Note 1) m ³ /h (cubic metres per hour) (Note 2) Zero value due to: 1. Flare was shutdown on 12th December 2020 for ~0.5 hours due to a power supply outage. Flare was restarted							



Monitoring Period	September 2020 - December 2020. Groundwater sampled 1 December 2020. Surface						
	water sampled 2 December 2020.						
Date Published	25 January 2021						
EPA Licence No.	13091						
EPA Licence Hyperlink	https://apps.epa.nsw	.gov.au/prpoeoap	p/ViewPOEOLicen	ce.aspx?DOCID=16			
	5894&SYSUID=1&LIC	ID=13091					
Licenses Name	IZIN ADDIIZI ENIVADONINA	ENITAL ENITEDDDIC	EC DTV LIMITED				
Licensee Name	KIMBRIKI ENVIRONM		ES PTY LIMITED				
Licensee Address	PO BOX 196, Terrey F	lills, NSW 2084					
		Please refer to th	e man Kimhriki M	onitoring Sites.pdf,			
Monitoring Location (EPA Point 1/11)		for location (EPA		omeomig oreospaj)			
	T	,	-,,				
		Monitoring	No. of times				
Dollutont	limite of managemen	frequency		Value			
Pollutant	Units of measure	required by	measured during	Value			
		licence	quarter				
Biochemical oxygen demand	mg/L (Note 1)	Special	1	<5			
,-		Frequency 1					
		(Note 2)					
Conductivity	μS/cm (Note 3)	Quarterly	1	260			
Dissolved Oxygen	mg/L (Note 1)	Quarterly	1	8.4			
Faecal Coliforms	org/100 mL (Note 4)	Quarterly	1	3300			
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.16			
рН	рН	Quarterly	1	7.8			
Potassium	mg/L (Note 1)	Quarterly	1	12			
Redox potential	mV (Note 5)	Quarterly	1	210			
Total dissolved solids	mg/L (Note 1)	Quarterly	1	200			
Total organic carbon	mg/L (Note 1)	Quarterly	1	20			
Explanatory Notes	(Note 1) mg/L (milligrams per litre) (Note 2) Special Frequency 1 - Quarterly and on the first day of discharge (Note 3) μS/cm (microsiemens per centimetre) (Note 4) org/100 mL (colony forming units per 100 millilitres) (Note 5) mV (millivolts)						



Monitoring Location (EPA Point 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	9.6	
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	14	
Conductivity	μS/cm (Note 3)	Quarterly	1	400	
Dissolved Oxygen	mg/L (Note 1)	Quarterly	1	8.1	
Faecal Coliforms	org/100 mL (Note 4)	Quarterly	1	2200	
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.11	
pH	pH	Quarterly	1	8.0	
Potassium	mg/L (Note 1)	Quarterly	1	16	
Redox potential	mV (Note 5)	Quarterly	1	220	
Total dissolved solids Total organic carbon	mg/L (Note 1) mg/L (Note 1)	Quarterly Quarterly	1	280 19	
Explanatory Notes	(Note 1) mg/L (milligrar (Note 2) Special Freque (Note 3) μS/cm (micros (Note 4) org/100 mL (co (Note 5) mV (millivolts)	ns per litre) ncy 1 - Quarterly an iemens per centime blony forming units	d on the first day of tre)	-	
Monitoring Location (EPA Point 5)		Please refer to the map, Kimbriki Monitoring Sites.po for location (EPA 5)			
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				



Monitoring Location (EPA Point 6)		Please refer to th for location (EPA	e map, Kimbriki M . 6)	onitoring Sites.pdf,
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			-
Monitoring Location (EPA Point 7)		Please refer to th for location (EPA	e map, Kimbriki M 7)	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	390
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	8.6
aecal Coliforms	org/100 mL (Note3)	Quarterly	1	3900
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.07
pH	рН	Quarterly	1	7.7
otassium	mg/L (Note 2)	Quarterly	1	6.0
Redox potential	mV (Note 4)	Quarterly	1	220
Total dissolved solids	mg/L (Note 2)	Quarterly	1	260
Total organic carbon	mg/L (Note 2)	Quarterly	1	11
Explanatory Notes	(Note 1) µS/cm (micros (Note 2) mg/L (milligrar (Note 3) org/100 mL (co (Note 4) mV (millivolts)	ns per litre)		
Monitoring Location (EPA Point 8)		Please refer to th for location (EPA	e map, Kimbriki M . 8)	onitoring Sites.pdj
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	9.3
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	2100
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.05
)H	рН	Quarterly	1	8.1
Potassium	mg/L (Note 2)	Quarterly	1	8.0
Redox potential	mV (Note 4)	Quarterly	1	210
Total dissolved solids	mg/L (Note 2)	Quarterly	1	250
Total organic carbon	mg/L (Note 2)	Quarterly	1	9.6
Explanatory Notes	(Note 1) µS/cm (micros (Note 2) mg/L (milligrar (Note 3) org/100 mL (co (Note 4) mV (millivolts)	ns per litre)		



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	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	>2400
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.06
рН	рН	Quarterly	1	7.9
Potassium	mg/L (Note 2)	Quarterly	1	7.5
Redox potential	mV (Note 4)	Quarterly	1	210
Total dissolved solids	mg/L (Note 2)	Quarterly	1	230
Total organic carbon	mg/L (Note 2)	Quarterly	1	8.1
Monitoring Location (EPA Point 10)	(Note 4) mV (millivolts)	Please refer to th for location (EPA	e map, Kimbriki M 10)	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	3700
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	8.1
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	1900
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	300
рН	рН	Quarterly	1	8.2
	mg/L (Note 2)	Quarterly	1	
		· ·		170
Redox potential	mV (Note 4)	Quarterly	1	200
Potassium Redox potential Total dissolved solids		· ·	1	200 1900
Redox potential	mV (Note 4)	Quarterly		200



Monitoring Location (EPA Point 13)		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
Conductivity	μS/cm (Note 1)	Quarterly	1	420
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	9
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	1500
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	1.90
рН	рН	Quarterly	1	8.2
Potassium	mg/L (Note 2)	Quarterly	1	15
Redox potential	mV (Note 4)	Quarterly	1	190
Total dissolved solids	mg/L (Note 2)	Quarterly	1	300
Total organic carbon	mg/L (Note 2)	Quarterly	1	11
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) blony forming units	per 100 millilitres)	
Monitoring Location (EPA Point 14)		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
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 th for location (EPA		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	630
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	8.8
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	1700
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	5.9
рН	рН	Quarterly	1	7.9
Potassium	mg/L (Note 2)	Quarterly	1	20
Redox potential	mV (Note 4)	Quarterly	1	200
Total dissolved solids	mg/L (Note 2)	Quarterly	1	370
Total organic carbon	mg/L (Note 2)	Quarterly	1	18
Explanatory Notes	(Note 1) μS/cm (micros (Note 2) mg/L (milligrar (Note 3) org/100 mL (co (Note 4) mV (millivolts)	ns per litre)		



Monitoring Location (EPA Point 16)		Please refer to the for location (EPA	ne map, Kimbriki Mo A 16)	nitoring Sites.p
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	<20
Calcium	mg/L (Note 1)	Quarterly	1	2.2
Chloride	mg/L (Note 1)	Quarterly	1	150
Magnesium	mg/L (Note 1)	Quarterly	1	9.5
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.10
рΗ	pH units	Quarterly	1	5.8
Potassium	mg/L (Note 1)	Quarterly	1	1.1
Sodium	mg/L (Note 1)	Quarterly	1	44
Standing Water Level (TOC)	metres	Quarterly	1	17.49
Standing Water Level (m AHD)	metres	NA	NA	98.9
		Quartarly	1	11
Sulfate	mg/L (Note 1)	Quarterly	-	
Sulfate Total dissolved solids	mg/L (Note 1) mg/L (Note 1)	Quarterly	1	180
		Quarterly Quarterly ns per litre)	1 1 ne map, Kimbriki Ma	<5
Total dissolved solids Total organic carbon Explanatory Notes	mg/L (Note 1) mg/L (Note 1)	Quarterly Quarterly ms per litre) Please refer to the for location (EPA) Monitoring frequency	1 1 ne map, Kimbriki Ma 17) No. of times measured during	<5
Total dissolved solids Total organic carbon Explanatory Notes Monitoring Location (EPA Point 17)	mg/L (Note 1) mg/L (Note 1) (Note 1) mg/L (milligran	Quarterly Quarterly ms per litre) Please refer to the for location (EPA) Monitoring	1 1 ne map, Kimbriki Mo	<5 onitoring Sites.p
Total dissolved solids Total organic carbon Explanatory Notes Monitoring Location (EPA Point 17)	mg/L (Note 1) mg/L (Note 1) (Note 1) mg/L (milligran	Quarterly Quarterly ms per litre) Please refer to the for location (EPA Monitoring frequency required by	1 1 ne map, Kimbriki Ma 17) No. of times measured during	<5 onitoring Sites.p
Total dissolved solids Total organic carbon Explanatory Notes Monitoring Location (EPA Point 17) Pollutant	mg/L (Note 1) mg/L (Note 1) (Note 1) mg/L (milligran) Units of measure	Quarterly Quarterly ms per litre) Please refer to the for location (EPA) Monitoring frequency required by licence	1 1 ne map, Kimbriki Mo A 17) No. of times measured during quarter	<5 onitoring Sites.p Value
Total dissolved solids Total organic carbon Explanatory Notes Monitoring Location (EPA Point 17) Pollutant Alkalinity (as calcium carbonate) Calcium	mg/L (Note 1) mg/L (Note 1) (Note 1) mg/L (milligran) Units of measure mg/L (Note 1)	Quarterly Quarterly ms per litre) Please refer to the for location (EPA) Monitoring frequency required by licence Quarterly	1 1 20 map, Kimbriki Ma 21 17) No. of times measured during quarter 1	<5 enitoring Sites.p Value <20
Total dissolved solids Total organic carbon Explanatory Notes Monitoring Location (EPA Point 17) Pollutant Alkalinity (as calcium carbonate)	mg/L (Note 1) mg/L (Note 1) (Note 1) mg/L (milligran) Units of measure mg/L (Note 1) mg/L (Note 1)	Quarterly Quarterly ns per litre) Please refer to the for location (EPA) Monitoring frequency required by licence Quarterly Quarterly	1 1 1 No. of times measured during quarter 1	<5 Ponitoring Sites.p Value <20 2.2
Total dissolved solids Total organic carbon Explanatory Notes Monitoring Location (EPA Point 17) Pollutant Alkalinity (as calcium carbonate) Calcium Chloride	mg/L (Note 1) mg/L (Note 1) (Note 1) mg/L (milligran Units of measure mg/L (Note 1) mg/L (Note 1) mg/L (Note 1)	Quarterly Quarterly ms per litre) Please refer to the for location (EPP) Monitoring frequency required by licence Quarterly Quarterly Quarterly	1 1 1 No. of times measured during quarter 1 1 1	<5 Nalue <20 2.2 140
Total dissolved solids Total organic carbon Explanatory Notes Monitoring Location (EPA Point 17) Pollutant Alkalinity (as calcium carbonate) Calcium Chloride Magnesium Nitrogen (ammonia) pH	mg/L (Note 1) mg/L (Note 1) (Note 1) mg/L (milligrar Units of measure mg/L (Note 1) pH units	Quarterly Quarterly ms per litre) Please refer to the for location (EPA) Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly	1 1 1 No. of times measured during quarter 1 1 1 1 1 1 1 1 1 1	<5 Natue Value <20 2.2 140 9.5 0.21 5.2
Total dissolved solids Total organic carbon Explanatory Notes Monitoring Location (EPA Point 17) Pollutant Alkalinity (as calcium carbonate) Calcium Chloride Magnesium Nitrogen (ammonia) pH	mg/L (Note 1) mg/L (Note 1) (Note 1) mg/L (milligrar Units of measure mg/L (Note 1) pH units mg/L (Note 1)	Quarterly Quarterly Please refer to the for location (EPA) Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	1 1 1 No. of times measured during quarter 1 1 1 1 1 1 1 1 1 1	<5 Natue Value 20 2.2 140 9.5 0.21
Total dissolved solids Total organic carbon Explanatory Notes Monitoring Location (EPA Point 17) Pollutant Alkalinity (as calcium carbonate) Calcium Chloride Magnesium Nitrogen (ammonia)	mg/L (Note 1) mg/L (Note 1) (Note 1) mg/L (milligrar Units of measure mg/L (Note 1) pH units	Quarterly Quarterly Please refer to the for location (EPA) Monitoring frequency required by licence Quarterly	1 1 1 No. of times measured during quarter 1 1 1 1 1 1 1 1 1 1 1	<5 Natue Value <20 2.2 140 9.5 0.21 5.2
Total dissolved solids Total organic carbon Explanatory Notes Monitoring Location (EPA Point 17) Pollutant Alkalinity (as calcium carbonate) Calcium Chloride Magnesium Nitrogen (ammonia) pH Potassium	mg/L (Note 1) mg/L (Note 1) (Note 1) mg/L (milligrar Units of measure mg/L (Note 1) pH units mg/L (Note 1)	Quarterly Quarterly Please refer to the for location (EPA) Monitoring frequency required by licence Quarterly	1 1 1 No. of times measured during quarter 1 1 1 1 1 1 1 1 1 1 1 1	<5 Value <20 2.2 140 9.5 0.21 5.2 1.8
Total dissolved solids Total organic carbon Explanatory Notes Monitoring Location (EPA Point 17) Pollutant Alkalinity (as calcium carbonate) Calcium Chloride Magnesium Nitrogen (ammonia) pH Potassium Sodium	mg/L (Note 1) mg/L (Note 1) (Note 1) mg/L (milligrate) Units of measure mg/L (Note 1) pH units mg/L (Note 1) mg/L (Note 1) mg/L (Note 1)	Quarterly Quarterly Please refer to the for location (EPA) Monitoring frequency required by licence Quarterly	1 1 1 No. of times measured during quarter 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<5 Value <20 2.2 140 9.5 0.21 5.2 1.8 54
Total dissolved solids Total organic carbon Explanatory Notes Monitoring Location (EPA Point 17) Pollutant Alkalinity (as calcium carbonate) Calcium Chloride Magnesium Nitrogen (ammonia) pH Potassium Sodium Standing Water Level (TOC)	mg/L (Note 1) mg/L (Note 1) (Note 1) mg/L (milligrar Units of measure mg/L (Note 1) pH units mg/L (Note 1)	Quarterly Quarterly Please refer to the for location (EPA) Monitoring frequency required by licence Quarterly	1 1 1 No. of times measured during quarter 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<5 Nation of the state of the
Total dissolved solids Total organic carbon Explanatory Notes Monitoring Location (EPA Point 17) Pollutant 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) (Note 1) mg/L (milligral Units of measure mg/L (Note 1) metres metres	Quarterly Quarterly Please refer to the for location (EPA) Monitoring frequency required by licence Quarterly Auarterly Quarterly Quarterly Quarterly NA	1 1 1 No. of times measured during quarter 1 1 1 1 1 1 1 1 1 1 1 1 1 NA	<5 Nation Value <20 2.2 140 9.5 0.21 5.2 1.8 54 7.64 62.0



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 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	490		
Calcium	mg/L (Note 1)	Quarterly	1	54		
Chloride	mg/L (Note 1)	Quarterly	1	670		
Magnesium	mg/L (Note 1)	Quarterly	1	31		
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	38		
рН	pH units	Quarterly	1	6.5		
Potassium	mg/L (Note 1)	Quarterly	1	60		
Sodium	mg/L (Note 1)	Quarterly	1	160		
Standing Water Level (TOC)	metres	Quarterly	1	4.33		
Standing Water Level (m AHD)	metres	NA	NA	60.6		
Sulfate	mg/L (Note 1)	Quarterly	1	180		
Total dissolved solids	mg/L (Note 1)	Quarterly	1	780		
Total organic carbon	mg/L (Note 1)	Quarterly	1	27		
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	<20
Calcium	mg/L (Note 1)	Quarterly	1	1.8
Chloride	mg/L (Note 1)	Quarterly	1	65
Magnesium	mg/L (Note 1)	Quarterly	1	5
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.27
рН	pH units	Quarterly	1	6.3
Potassium	mg/L (Note 1)	Quarterly	1	1.0
Sodium	mg/L (Note 1)	Quarterly	1	26
Standing Water Level (TOC)	metres	Quarterly	1	21.66
Standing Water Level (m AHD)	metres	NA	NA	100.01
Sulfate	mg/L (Note 1)	Quarterly	1	<2
Total dissolved solids	mg/L (Note 1)	Quarterly	1	90
Total organic carbon	mg/L (Note 1)	Quarterly	1	16
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 (milligrar (Note 2) Special Freque		d on the first day of	discharge