

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 The information and data in this table must not be published elsewhere by any means without prior written consent from Kimbriki Environmental Enterprises.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	Dec-19							
Date Published	10 January 2	020						
EPA Licence No.	13091							
EPA Licence Hyperlink		https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=165894&SYSUID=1 &LICID=13091						
Licensee Name	KIMBRIKI EN	VIRONMENTAL	ENTERPRISES P	TY LIMITED				
Licensee Address	PO BOX 196, Terrey Hills, NSW 2084							
Monitoring Location (EPA Poi	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)	
Explanatory Notes	No surface wate	er discharge occurr	ed from this monit	oring point du	ring the montl	h		
Monitoring Location (EPA Poil	nt 2)	Please refer to the	e map, Kimbriki Mo	onitoring Sites.	pdf, for locati	on (EPA 2)	-, 14	
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 montl	n		
Monitoring Location (EPA Poir	nt 3)	Please refer to the	e map, Kimbriki Mc	onitoring Sites.	pdf, for locati	on (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 montl	ı		
Monitoring Location (EPA Poir	nt 21)	Please refer to the	. map, Kimbriki Mc	nitoring Sites.	pdf, for locati	on (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 wate	er discharge occurr	ed from this monito	oring point du	ring the month	1		
Monitoring Location (EPA Poir	nt 22)		evel Flare in the No ng Sites.pdf, for loc			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	0.7	0.8	0.6	no	
Temperature	°C (Note 1)	Continuous	Continuous	791	809	760	no	
Explanatory Notes	(Note 1) °C (deg (Note 2) The par		t be greater than t	he Lower Limi	t specified			



Monthly Summary of EPA Monitoring Data - No Limit

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Environmental Enterprises' knowledge, the data in this table is correct, except where specifically noted. The information and data in this table must
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Monitoring Period	Dec-19						
Date Published	10 January 20	20					
EPA Licence No.	13091						
EPA Licence Hyperlink	https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=165894&SYSUID=1&L CID=13091						
Licensee Name	KIMBRIKI ENV	KIMBRIKI ENVIRONMENTAL ENTERPRISES PTY LIMITED					
Licensee Address	PO BOX 196, Terrey Hills, NSW 2084						
Monitoring Location (EPA Pol	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)
Explanatory Notes	No surface wate	r discharge occurre	d from this monito	ring point dur	ing the month		
Monitoring Location (EPA Poi	nt 2)	Please refer to the	e map, Kimbriki Me	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	r discharge occurre	d from this monito	ring point dur	ing the month		
Monitoring Location (EPA Poi	nt 3)	Please refer to the	map, Kimbriki Me	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 water	r discharge occurre	d from this monito	ring point dur	ing the month		
Monitoring Location (EPA Pol	nt 21)	Please refer to the	map, Kimbriki Me	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	r discharge occurre	d from this monito	ring point dur	ing the month		
Monitoring Location (EPA Pol	nt 22)		Level Flare in the N ng Sites.pdf, for loo			remises. Please	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
/olumetric flowrate	m³/h (Note 1)	Continuous	Continuous	0 (Note 2)	470	488	498
Explanatory Notes	(Note 2) Zero val 1. Flare was shut calibration was c 2. Flare was shut data occurred du	down on 17th Deco ompleted. down on 18th Deco Iring the power out	ur) ember 2019 for ~1 ember 2019 for ~2 rage on the 18th fro tarted on site on 1	3 hours due to om 7:45am. D	scheduled po ata recommen	wer outage by	





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Monitoring Period	September 2019 - December 2019. Surface water sampled 4th December 2019. Groundwater sampled 6th December 2019.						
Date Published	10 January 2020						
EPA Licence No.	13091						
EPA Licence Hyperlink	https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=1 5894&SYSUID=1&LICID=13091						
Licensee Name	KIMBRIKI ENVIRONM	ENTAL ENTERPRIS	SES PTY LIMITED				
Licensee Address	PO BOX 196, Terrey H	lills, NSW 2084					
Monitoring Location (EPA Point 1/11)		Please refer to the map, Kimbriki Monitoring Sites.p					
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	390			
Dissolved Oxygen	mg/L (Note 1)	Quarterly	1	8.0			
Faecal Coliforms	org/100 mL (Note 4)	Quarterly	1	2000			
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.06			
рН	pН	Quarterly	1	8.0			
Potassium	mg/L (Note 1)	Quarterly	1	8.4			
Redox potential	mV (Note 5)	Quarterly	1	210.0			
Total dissolved solids	mg/L (Note 1)	Quarterly	1	270			
Total organic carbon	mg/L (Note 1)	Quarterly	1	9.5			
Explanatory Notes	mg/L (Note 1) Quarterly 1 9.5 (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)						

PRD:



Monitoring Location (EPA Point 2)		Please refer to th for location (EPA		onitoring Sites.pdf,
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarte r	Value
Biochemical oxygen demand	mg/L (Note 1)	Special Frequency 1 (Note 2)	1	<20
Explanatory Notes	(Note 1) mg/L (milligran (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	360
Dissolved Oxygen	mg/L (Note 1)	Quarterly	1	8.7
Faecal Coliforms	org/100 mL (Note 4)	Quarterly	1	870
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.03
рН	pН	Quarterly	1	8.2
Potassium	mg/L (Note 1)	Quarterly	1	7.9
Redox potential	mV (Note 5)	Quarterly	1	220.0
Total dissolved solids	mg/L (Note 1)	Quarterly	1	220
Total organic carbon	mg/L (Note 1)	Quarterly	1	5.8
Explanatory Notes	(Note 1) mg/L (milligrar (Note 2) Special Freque (Note 3) μS/cm (micros (Note 4) org/100 mL (α (Note 5) mV (millivolts)	ncy 1 - Quarterly an iemens per centime olony forming units	tre)	discharge
Monitoring Location (EPA Point 5)		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	No flow at this monitor	ing point due to dry	weather.	



Monitoring Location (EPA Point 6)		Please refer to the for location (EPA	e map, Kimbriki Mo 1 6)	onitoring Sites.pdf
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value
Explanatory Notes	This site could not be someonitoring location.	ampled on this mon	itoring run due to site	e works at the
Monitoring Location (EPA Point 7)		Please refer to the for location (EPA	e map, Kimbriki M (17)	onitoring Sites.pdf
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value
Explanatory Notes	No flow at this monitor	ing point due to dry	weather.	
Monitoring Location (EPA Point 8)		Please refer to the for location (EPA	e map, Kimbriki M 18)	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	500
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	8.8
aecal Coliforms	org/100 mL (Note3)	Quarterly	1	190
litrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.11
Н	pН	Quarterly	1	7.3
otassium	mg/L (Note 2)	Quarterly	1	6.6
ledox potential	mV (Note 4)	Quarterly	1	240.0
otal dissolved solids	mg/L (Note 2)	Quarterly	1	330
	1 max / / / / / / / / / / / / / / / / / / /	Quarterly	1 1	<5
Total organic carbon	mg/L (Note 2) (Note 1) μS/cm (micros			



Monitoring Location (EPA Point 9)		Please refer to th for location (EPA	e map, Kimbriki Mo N 9)	nitoring 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	500
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	8.9
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	<1
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	0.12
рН	рН	Quarterly	1	8.1
Potassium	mg/L (Note 2)	Quarterly	1	8.8
Redox potential	mV (Note 4)	Quarterly	1	210.0
Total dissolved solids	mg/L (Note 2)	Quarterly	1	320
Total organic carbon	mg/L (Note 2)	Quarterly	1	5.5
Monitoring Location (EPA Point 10)	(Note 3) org/100 mL (co (Note 4) mV (millivolts)		e map, Kimbriki Mo	nitoring Sites.pdf
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value
	Units of measure μS/cm (Note 1)	frequency required by	measured during	Value 4900
Conductivity		frequency required by licence	measured during quarter	
Conductivity Dissolved Oxygen	μS/cm (Note 1)	frequency required by licence Quarterly	measured during quarter	4900
Conductivity Dissolved Oxygen Faecal Coliforms	μS/cm (Note 1) mg/L (Note 2)	frequency required by licence Quarterly Quarterly	measured during quarter 1 1	4900 7.3
Conductivity Dissolved Oxygen Faecal Coliforms Nitrogen (ammonia)	μS/cm (Note 1) mg/L (Note 2) org/100 mL (Note3)	frequency required by licence Quarterly Quarterly Quarterly	measured during quarter 1 1 1	4900 7.3 32
Conductivity Dissolved Oxygen Faecal Coliforms Nitrogen (ammonia)	μS/cm (Note 1) mg/L (Note 2) org/100 mL (Note3) mg/L (Note 2)	frequency required by licence Quarterly Quarterly Quarterly Quarterly	measured during quarter 1 1 1 1 1	4900 7.3 32 310
Conductivity Dissolved Oxygen Faecal Coliforms Nitrogen (ammonia) DH	μS/cm (Note 1) mg/L (Note 2) org/100 mL (Note3) mg/L (Note 2) pH	frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly	measured during quarter 1 1 1 1 1 1 1	4900 7.3 32 310 8.2
Conductivity Dissolved Oxygen Faecal Coliforms Nitrogen (ammonia) DH Potassium Redox potential	μS/cm (Note 1) mg/L (Note 2) org/100 mL (Note3) mg/L (Note 2) pH mg/L (Note 2)	frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	measured during quarter 1 1 1 1 1 1 1 1 1	4900 7.3 32 310 8.2 170.0
Pollutant Conductivity Dissolved Oxygen Faecal Coliforms Nitrogen (ammonia) pH Potassium Redox potential Total dissolved solids Fotal organic carbon	μS/cm (Note 1) mg/L (Note 2) org/100 mL (Note3) mg/L (Note 2) pH mg/L (Note 2) mV (Note 4)	frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	measured during quarter 1 1 1 1 1 1 1 1 1 1 1 1	4900 7.3 32 310 8.2 170.0 210.0



Monitoring Location (EPA Point 13)		Please refer to the for location (EPA	e map, Kimbriki M \ 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	1200
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	8.3
Faecal Coliforms	org/100 mL (Note3)	Quarterly	1	<10
Nitrogen (ammonia)	mg/L (Note 2)	Quarterly	1	21.00
рН	рН	Quarterly	1	7.4
Potassium	mg/L (Note 2)	Quarterly	1	32
Redox potential	mV (Note 4)	Quarterly	1	200.0
Total dissolved solids	mg/L (Note 2)	Quarterly	1	610
Total organic carbon	mg/L (Note 2)	Quarterly	1	12
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) plony forming units		
Monitoring Location (EPA Point 14)		Please refer to the for location (EPA	e map, Kimbriki M l 14)	onitoring Sites.pdf,
Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during quarter	Value
Explanatory Notes	No flow at this monitor	ing point due to dry	weather.	
Monitoring Location (EPA Point 15)		Please refer to the for location (EPA	e map, Kimbriki M \ 15)	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	990
Dissolved Oxygen	mg/L (Note 2)	Quarterly	1	8.2
aecal Coliforms	org/100 mL (Note3)	Quarterly	1	<10
litrogen (ammonia)	mg/L (Note 2)	Quarterly	1	8.8
Н	рН	Quarterly	1	7.4
otassium	mg/L (Note 2)	Quarterly	1	30
Redox potential	mV (Note 4)	Quarterly	1	210.0
otal dissolved solids	mg/L (Note 2)	Quarterly	1	500
otal organic carbon	mg/L (Note 2)	Quarterly	1	13
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)		for location (EP)	A 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	<20
Calcium	mg/L (Note 1)	Quarterly	1	2.4
Chloride	mg/L (Note 1)	Quarterly	1	130
Magnesium	mg/L (Note 1)	Quarterly	1	7.3
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.08
оН	pH units	Quarterly	1	5.6
Potassium	mg/L (Note 1)	Quarterly	1	1.1
Sodium	mg/L (Note 1)	Quarterly	1	33
Standing Water Level (TOC)	metres	Quarterly	1	17.20
Standing Water Level (m AHD)	metres	NA	NA	99.21
n IC .	mg/L (Note 1)	Quarterly	1	6.7
sulfate	11.6/ = (11000 =)			
	mg/L (Note 1)	Quarterly	1	160
Sulfate Fotal dissolved solids Fotal organic carbon Explanatory Notes Monitoring Location (EPA Point 17)		Quarterly Quarterly ms per litre)	1 he map, Kimbriki Mo	<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	1 he map, Kimbriki Mo 4 17)	<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 (EP)	1 he map, Kimbriki Mo	<5
Fotal dissolved solids Fotal organic carbon Explanatory Notes Monitoring Location (EPA Point 17) Pollutant	mg/L (Note 1) mg/L (Note 1) (Note 1) mg/L (milligran	Quarterly Quarterly ms per litre) Please refer to the for location (EP) Monitoring frequency required by	he map, Kimbriki Mo A 17) No. of times measured during	<5 nitoring Sites.p
Fotal dissolved solids Fotal 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	Quarterly Quarterly ms per litre) Please refer to the for location (EP) Monitoring frequency required by licence	ne map, Kimbriki Mo A 17) No. of times measured during quarter	<5 nitoring Sites.p Value
Fotal dissolved solids Fotal 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 (milligral) Units of measure mg/L (Note 1)	Quarterly Quarterly ms per litre) Please refer to the for location (EP) Monitoring frequency required by licence Quarterly	ne map, Kimbriki Mo. A 17) No. of times measured during quarter	<5 nitoring Sites.p Value <20
Fotal dissolved solids Fotal 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 (milligral) Units of measure mg/L (Note 1) mg/L (Note 1)	Quarterly Quarterly Please refer to the for location (EP) Monitoring frequency required by licence Quarterly Quarterly	ne map, Kimbriki Mo A 17) No. of times measured during quarter 1	<5 nitoring Sites.p Value <20 2.5
Fotal dissolved solids Fotal organic carbon Explanatory Notes Monitoring Location (EPA Point 17) Pollutant Alkalinity (as calcium carbonate) Calcium Chloride Magnesium	mg/L (Note 1) mg/L (Note 1) (Note 1) mg/L (milligrate) Units of measure mg/L (Note 1) mg/L (Note 1) mg/L (Note 1)	Quarterly Quarterly Please refer to the for location (EP) Monitoring frequency required by licence Quarterly Quarterly Quarterly	ne map, Kimbriki Mo A 17) No. of times measured during quarter 1 1 1	<5 nitoring Sites.p Value <20 2.5 95
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 (milligral) Units of measure mg/L (Note 1)	Quarterly Quarterly Please refer to the for location (EP) Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly	he map, Kimbriki Mo A 17) No. of times measured during quarter 1 1 1 1	<5 nitoring Sites.p Value <20 2.5 95 7.6
Fotal dissolved solids Fotal organic carbon Explanatory Notes Monitoring Location (EPA Point 17) Pollutant Alkalinity (as calcium carbonate) Calcium Chloride Magnesium Nitrogen (ammonia) OH Potassium	mg/L (Note 1) mg/L (Note 1) (Note 1) mg/L (milligral) Units of measure mg/L (Note 1)	Quarterly Quarterly Please refer to the for location (EP) Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	ne map, Kimbriki Mo A 17) No. of times measured during quarter 1 1 1 1 1	<5 nitoring Sites.p Value <20 2.5 95 7.6 0.14
Fotal dissolved solids Fotal organic carbon Explanatory Notes Monitoring Location (EPA Point 17) Pollutant Alkalinity (as calcium carbonate) Calcium Chloride Magnesium Nitrogen (ammonia) OH Potassium	mg/L (Note 1) mg/L (Note 1) (Note 1) mg/L (milligral) Units of measure mg/L (Note 1) pH units	Quarterly Quarterly Please refer to the for location (EP) Monitoring frequency required by licence Quarterly	ne map, Kimbriki Mo A 17) No. of times measured during quarter 1 1 1 1 1 1 1	<5 nitoring Sites.p Value <20 2.5 95 7.6 0.14 6.0
Fotal dissolved solids Fotal organic carbon Explanatory Notes Monitoring Location (EPA Point 17) Pollutant Alkalinity (as calcium carbonate) Calcium Chloride Magnesium Nitrogen (ammonia) OH Potassium Sodium	mg/L (Note 1) mg/L (Note 1) (Note 1) mg/L (milligrate) Units of measure mg/L (Note 1)	Quarterly Quarterly Please refer to the for location (EP) Monitoring frequency required by licence Quarterly	ne map, Kimbriki Mo A 17) No. of times measured during quarter 1 1 1 1 1 1 1 1 1	<5 nitoring Sites.p Value <20 2.5 95 7.6 0.14 6.0 1.8
Fotal dissolved solids Fotal organic carbon Explanatory Notes Monitoring Location (EPA Point 17) Pollutant Alkalinity (as calcium carbonate) Calcium Chloride Magnesium Nitrogen (ammonia) OH Potassium Sodium Standing Water Level (TOC)	mg/L (Note 1) mg/L (Note 1) (Note 1) mg/L (milligral Units of measure mg/L (Note 1) pH units mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) mg/L (Note 1)	Quarterly Quarterly Please refer to the for location (EP) Monitoring frequency required by licence Quarterly	ne map, Kimbriki Mo A 17) No. of times measured during quarter 1 1 1 1 1 1 1 1 1 1 1	<5 nitoring Sites.p Value <20 2.5 95 7.6 0.14 6.0 1.8 39
Fotal dissolved solids Fotal organic carbon 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)	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)	Quarterly Quarterly Please refer to the for location (EP) Monitoring frequency required by licence Quarterly	ne map, Kimbriki Mo. A 17) No. of times measured during quarter 1 1 1 1 1 1 1 1 1 1 1	<5 nitoring Sites.p Value <20 2.5 95 7.6 0.14 6.0 1.8 39 7.61
Fotal dissolved solids Fotal 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 (milligral Units of measure mg/L (Note 1) pH units mg/L (Note 1) metres metres	Quarterly Quarterly Please refer to the for location (EP) Monitoring frequency required by licence Quarterly Auarterly Quarterly Quarterly Quarterly NA	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 2.5 95 7.6 0.14 6.0 1.8 39 7.61 62.20



Monitoring Location (EPA Point 18)		for location (EP)	he map, Kimbriki Mo 4 18)	incoming sites.pu
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	390
Calcium	mg/L (Note 1)	Quarterly	1	12.0
Chloride	mg/L (Note 1)	Quarterly	1	190
Magnesium	mg/L (Note 1)	Quarterly	1	28
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	51
Н	pH units	Quarterly	1	7.3
Potassium	mg/L (Note 1)	Quarterly	1	33.0
odium	mg/L (Note 1)	Quarterly	1	130
Standing Water Level (TOC)	metres	Quarterly	1	14.71
Standing Water Level (m AHD)	metres	NA	NA	80.68
Sulfate	mg/L (Note 1)	Quarterly	1	59
otal dissolved solids	mg/L (Note 1)	Quarterly	1	650
	11 (2)	<u> </u>	1	22
Explanatory Notes Monitoring Location (EPA Point 19)	mg/L (Note 1) (Note 1) mg/L (milligra	Please refer to ti	1 1 he map, Kimbriki Mo	32 nitoring Sites.pa
Explanatory Notes		ms per litre) Please refer to the for location (EP)	he map, Kimbriki Mo	
Explanatory Notes		ms per litre) Please refer to the	he map, Kimbriki Mo	
Explanatory Notes Monitoring Location (EPA Point 19) Pollutant	(Note 1) mg/L (milligra	Please refer to the for location (EP) Monitoring frequency required by	he map, Kimbriki Mo 4 19) No. of times measured during	nitoring Sites.pa
Explanatory Notes Monitoring Location (EPA Point 19) Pollutant Alkalinity (as calcium carbonate)	(Note 1) mg/L (milligran	Please refer to the for location (EP) Monitoring frequency required by licence	ne map, Kimbriki Mo 4 19) No. of times measured during quarter	nitoring Sites.pa Value
Explanatory Notes Monitoring Location (EPA Point 19) Pollutant Alkalinity (as calcium carbonate) Calcium	(Note 1) mg/L (milligrand) Units of measure mg/L (Note 1)	Please refer to the for location (EP) Monitoring frequency required by licence	ne map, Kimbriki Mo A 19) No. of times measured during quarter	nitoring Sites.pa Value 560
Explanatory Notes Monitoring Location (EPA Point 19) Pollutant Alkalinity (as calcium carbonate) Calcium Chloride Magnesium	Units of measure mg/L (Note 1) mg/L (Note 1) mg/L (Note 1)	Please refer to the for location (EP) Monitoring frequency required by licence Quarterly Quarterly	No. of times measured during quarter	value 560 57.0
Explanatory Notes Monitoring Location (EPA Point 19) Pollutant Alkalinity (as calcium carbonate) Calcium Chloride Magnesium	Units of measure mg/L (Note 1)	Please refer to the for location (EP) Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	No. of times measured during quarter	Value 560 57.0 570
Explanatory Notes Monitoring Location (EPA Point 19) Pollutant Alkalinity (as calcium carbonate) Calcium Chloride Magnesium Nitrogen (ammonia)	Units of measure mg/L (Note 1) pH units	Please refer to the for location (EP) Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly	No. of times measured during quarter 1 1 1	Value 560 57.0 29
Explanatory Notes Monitoring Location (EPA Point 19) Pollutant Alkalinity (as calcium carbonate) Calcium Chloride Magnesium Nitrogen (ammonia) OH Potassium	Units of measure mg/L (Note 1) pH units mg/L (Note 1)	Please refer to the for location (EP) Monitoring frequency required by licence Quarterly	No. of times measured during quarter 1 1 1 1 1 1 1 1 1	Value 560 57.0 570 29 47
Explanatory Notes Monitoring Location (EPA Point 19) Pollutant Alkalinity (as calcium carbonate) Calcium Chloride Magnesium Jitrogen (ammonia) Jitrogen (ammonia)	Units of measure mg/L (Note 1) pH units	Please refer to the for location (EP) Monitoring frequency required by licence Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	No. of times measured during quarter 1 1 1 1 1 1	Value 560 57.0 570 29 47 7.3
Explanatory Notes Monitoring Location (EPA Point 19) 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)	Please refer to the for location (EP) Monitoring frequency required by licence Quarterly	No. of times measured during quarter 1 1 1 1 1 1 1 1 1	Value 560 57.0 570 29 47 7.3 57.0
Explanatory Notes Monitoring Location (EPA Point 19) Pollutant Alkalinity (as calcium carbonate) Calcium Chloride Magnesium Nitrogen (ammonia) OH Potassium Jodium Jotanding Water Level (TOC)	Units of measure mg/L (Note 1) pH units mg/L (Note 1) mg/L (Note 1) mg/L (Note 1) mg/L (Note 1)	Please refer to the for location (EP) 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	Value 560 57.0 570 29 47 7.3 57.0 150
Explanatory Notes Monitoring Location (EPA Point 19) Pollutant Alkalinity (as calcium carbonate) Calcium Chloride Magnesium Nitrogen (ammonia) OH Potassium Sodium Standing Water Level (TOC)	Units of measure mg/L (Note 1)	Please refer to the for location (EP) 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 560 57.0 570 29 47 7.3 57.0 150 3.85
Explanatory Notes Monitoring Location (EPA Point 19) Pollutant Alkalinity (as calcium carbonate) Calcium Chloride Magnesium Nitrogen (ammonia) OH Potassium Sodium Standing Water Level (TOC) standing Water Level (m AHD) sulfate	Units of measure mg/L (Note 1) metres	Please refer to the for location (EP) 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 560 57.0 570 29 47 7.3 57.0 150 3.85 61.24
Explanatory Notes Monitoring Location (EPA Point 19)	Units of measure mg/L (Note 1)	Please refer to the for location (EP) Monitoring frequency required by licence Quarterly Auarterly Quarterly Quarterly Quarterly Quarterly Quarterly	No. of times measured during quarter 1 1 1 1 1 1 1 1 1 NA 1 NA 1	Value 560 57.0 570 29 47 7.3 57.0 150 3.85 61.24 <5



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	24
Calcium	mg/L (Note 1)	Quarterly	1	1.7
Chloride	mg/L (Note 1)	Quarterly	1	90
Magnesium	mg/L (Note 1)	Quarterly	1	4.4
Nitrogen (ammonia)	mg/L (Note 1)	Quarterly	1	0.03
рН	pH units	Quarterly	1	6.5
Potassium	mg/L (Note 1)	Quarterly	1	0.9
Sodium	mg/L (Note 1)	Quarterly	1	19
Standing Water Level (TOC)	metres	Quarterly	1	21.52
Standing Water Level (m AHD)	metres	NA	NA	100.11
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	16
Explanatory Notes	(Note 1) mg/L (milligran	ns 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

Peter,
Please review and sign
December 2019 Monthly
GAA Report.
No exceedances.

Belinda 9-1-20