			Water Mo	onitoring -	Teralba C	Quarry - 20	19 - EPA I	Point No.4	- Adit Ove	erflow				
	Sample No.	EPA No 4	4 - 161AB	EPA No	4 - 161AB	EPA I	No 4 -	EPA I	No 4 -	EPA N	No 4 -	EPA I	No 4 -	
	Dates	Janu	ıary 2019.	Feb	rary 2019.	Mai	rch 2019.	Ap	ril 2019.	Ma	y 2019.	June	2019.	
()	Total (Unfiltered)	Dissolved (Filtered)	Guidelines										
Sample	Units			\-\ '	,	,	,	\-\ '	,	,		\-\ -\ /	,	
рH	ph Unit	7.12		7.45		7.18		7.82		7.05		7.37		6.5 to 8.5 units
Conductivity	μS/cm	2130		2140		2310		2020		2170		779		125 - 2200 ^b
TSS	mg/L	8		<5		<5		<5		11		105		<50
Oil & Grease	mg/L	<5		<5		<5		<5		<5		<5		5
Aluminium	mg/L													0.2
Ammonia as N	mg/L													0.01
Antimony	mg/L													NA
Arsenic	mg/L													0.05
Barium	mg/L													1
Beryllium	mg/L													NA
Boron	mg/L													1
Cadmium	mg/L													0.005
Calcium	mg/L													1000°
Chromium	mg/L													0.05
Cobalt	mg/L													1000
Copper	mg/L													1
Iron	mg/L													0.3
Lead	mg/L													0.05
Lithium	mg/L													0.075 ^d
Magnesium	mg/L													NA
Manganese	mg/L													0.1
Mercury	mg/L													0.001
Molybdenum	mg/L													0.15 ^c
Nickel	mg/L													0.1
Phosphorous as P	mg/L													NA
Potassium	mg/L													NA
Selenium	mg/L													0.01
Silica as SiO2	mg/L													NA
Silver	mg/L													0.05
Sulfur as S	mg/L													NA
Tin	mg/L													NA
Titanium	mg/L													NA
Vanadium	mg/L													NA
Zinc	mg/L													NA

Indicates result Indicates results that varied between filtered and unfiltered samples

ND = Not Determined NA = Not Applicable

^a Based on ANZECC Guidelines for Fresh and Marine Water Quality - Recreational Water Quality (ANZECC 2000) except where indicated b Based on ANZECC Guidelines slightly disturbed lowland river ecosystems in south-east Australia (ANZECC 2000)

^c Based on ANZECC Guidelines for Fresh and Marine Water Quality -Livestock Water Quality (ANZECC 2000)

^d Based on ANZECC Guidelines for Fresh and Marine Water Quality -Irrigation Water Quality (ANZECC 2000)

			Water M	onitoring -	Teralba C	Quarry - 20	19 - EPA I	Point No.4	- Adit Ov	erflow				
	Sample No.	EPA I	No 4 -	EPA	No 4 -	EPA	No 4 -	EPA I	No 4 -	EPA I	No 4 -	EPA I	No 4 -	
	Dates	Ju	ily 2019.	Aug	just 2019.	September	2019.	October 2	019.	November	2019.	December	2019.	
		Total (Unfiltered)	Dissolved (Filtered)	Guidelines										
Sample	Units													
pН	ph Unit	7.33		7.31		6.99		7.31		7.21		7.38		6.5 to 8.5 units
Conductivity	μS/cm	2340		2280		1990		2220		2060		2120		125 - 2200 ^b
TSS	mg/L	11		<5		<5		<5		<5		10		<50
Oil & Grease	mg/L	<5		<5		<5		<5		<5		<5		5
Aluminium	mg/L													0.2
Ammonia as N	mg/L													0.01
Antimony	mg/L													NA
Arsenic	mg/L													0.05
Barium	mg/L													1
Beryllium	mg/L													NA
Boron	mg/L													1
Cadmium	mg/L													0.005
Calcium	mg/L													1000°
Chromium	mg/L													0.05
Cobalt	mg/L													1000
Copper	mg/L													1
Iron	mg/L													0.3
Lead	mg/L													0.05
Lithium	mg/L													0.075 ^d
Magnesium	mg/L													NA
Manganese	mg/L													0.1
Mercury	mg/L													0.001
Molybdenum	mg/L													0.15°
Nickel	mg/L													0.13
Phosphorous as P	mg/L													NA
Potassium	mg/L													NA NA
Selenium	mg/L													0.01
Silicon as SiO2	mg/L													NA
Silver	mg/L													0.05
Sulfur as S	mg/L													NA
Tin	mg/L													NA NA
Titanium	mg/L													NA NA
Vanadium	mg/L													NA NA
Zinc	mg/L													NA NA
Line	mg/L													HA

			Water Mo	nitoring - 1	Teralba Qu	arry - 2019	9 - EPA Poi	int No.5 -	Overflow I	Dam B				
				. 		•								
	Sample No.	EPA No	5 - 161C											
	Dates	Janu	ary 2019.	Febr	ary 2019.	Mar	rch 2019.	Apı	ril 2019.	May 2019.		Ju	ne 2019.	
		Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	0
(0	(Unfiltered)	(Filtered)	(Unfiltered)	(Filtered)	(Unfiltered)	(Filtered)	(Unfiltered)	(Filtered)	(Unfiltered)	(Filtered)	(Unfiltered)	(Filtered)	Guidelines
Sample	Units				charge at EPA P		charge at EPA P		charge at EPA P		charge at EPA P		charge at EPA Po	
pН	ph Unit	7.26			charge at EPA P		charge at EPA P	No Water Dis			charge at EPA P		charge at EPA P	6.5 to 8.5 units
Conductivity	μS/cm	1110			charge at EPA P		charge at EPA P	No Water Dis			charge at EPA P		charge at EPA P	125 - 2200 ^b
TSS	mg/L	6			charge at EPA P		charge at EPA P	No Water Dis			charge at EPA P		charge at EPA P	<50
Oil & Grease	mg/L	Not Sampled		No Water Disc	charge at EPA P	No Water Dis	charge at EPA P	No Water Dis	charge at EPA P	No Water Dis	charge at EPA P	No Water Dis	charge at EPA P	5
Aluminium	mg/L													0.2
Ammonia as N	mg/L													0.01
Antimony	mg/L													NA
Arsenic	mg/L													0.05
Barium	mg/L													11
Beryllium	mg/L													NA
Boron	mg/L													1
Cadmium	mg/L													0.005
Calcium	mg/L													1000°
Chromium	mg/L													0.05
Cobalt	mg/L													1000
Copper	mg/L													1
Iron	mg/L													0.3
Lead	mg/L													0.05
Lithium	mg/L													0.075 ^d
Magnesium	mg/L													NA
Manganese	mg/L													0.1
Mercury	mg/L													0.001
Molybdenum	mg/L													0.15 ^c
Nickel	mg/L													0.1
Phosphorous as P	mg/L													NA
Potassium	mg/L													NA
Selenium	mg/L													0.01
Silica as SiO2	mg/L													NA
Silver	mg/L													0.05
Sulfur as S	mg/L	_			_						_			NA
Tin	mg/L													NA
Titanium	mg/L													NA
Vanadium	mg/L													NA
Zinc	mg/L													NA

Indicates results that varied between filtered and unfiltered samples ND = Not Determined NA = Not Applicable

^b Based on ANZECC Guidelines for Fresh and Marine Water Quality - Recreational Water Quality (ANZECC 2000) except where indicated ^b Based on ANZECC Guidelines slightly disturbed lowland river ecosystems in south-east Australia (ANZECC 2000)

^c Based on ANZECC Guidelines for Fresh and Marine Water Quality -Livestock Water Quality (ANZECC 2000) ^d Based on ANZECC Guidelines for Fresh and Marine Water Quality -Irrigation Water Quality (ANZECC 2000)

																				Water M	onitorin	a - Teral	ba Quarr	/ - 2019 -	EPA Poin	t No.5 - 0	Overflow D	am B																			_	
						1																•																									-	
	Sample No.																																														_	
	Dates		July 2019.		August 2019.											5	ptember 2011										October 2019.										N	vember 2013.		Dece	ember 2019.	-1						
		Total	Dissolve	of .	Total Dissolved								Total (Ur													Dissolv	and .							Total (Unfilter							Dissolved	Total (Unfilte	Disso	hard *	Total ,	Dissolved (Filtered)	d) Guid	
0		(Unfiltere	ed) (Filtered	n (Un	ofiliered) (Filtered)																					(Filters	rd)							Total (Unfilter	ed)						Dissolved (Filtered)	Total (Unfilte	(Eller	well (The				.ines
Sample		No Wate	er Discharge at I	IPA No	Water Discharge at EP.					11/09/20	19 12/09/	2019	13/09/2019	16/09/2019	17/09/01	19 18/09/0	019 19/09		9/2019 2	3/09/2019	24/09/2019	25/09/201	9 26/09/25	19 27/090	019 30/09/2	2019	1/10	2019 29	10/2019 3	3/10/2019	4/10/2019	8/10/2019	9/10/2019	14/10/20	19 15/10/20	019 16/10			21/10/201						Water Discha	irge at EPA Point S	15	
pM	ph Unit	No Wate	or Discharge at I	EPA No	Water Discharge at EP.	7.22			6.78	7.4	6.9		6.82	6.82	7.01	7.12	6.92				6.86	7.6	6.84	6.82			6.87			5.97	7	7.05	7.07	7.28	7.26	7.24			7.33			No Water Disc	targe at EPA Po	Ant S No	Water Discha	irgo at EPA Point S	6.5 to 8	
Conductivity	µS/cm	No Wate	or Discharge at I	EPA No	Water Discharge at EP.	1050	816		1230	1190	1180		1140	1140	1150	214	1020	100	20 1	1120	1240	1170	1210	1070	1250		1090	10			1170	1040			1120							No Water Disc	targe at EPA Po	Ant S No	Water Discha	irge at EPA Point S	15 125 -	2200
TSS	mgt	No Wate	or Discharge at I		Water Discharge at EP.	Ĝ	13		å	11	ů		Ĝ	Ġ	6	ç	• •	å		ů	å	Ĝ	ů	ç	ç		Ĝ				ů	Ġ	ŝ	å	ů			Ġ		ů		No Water Disc	targe at EPA Po	Ant S No	Water Discha	irge at EPA Point S	15 4	
Olf & Grease	mgt	No Wate	or Discharge at I	EPA No	Water Discharge at EP.	Ĝ	ů		å	å	ů		Ĝ	Ġ	å	ç	45	å		ů	å	Ĝ	ů	ç	ç		Ĝ			45	ů	Ġ	ŝ	å	- 45	ů	ů	Ġ	ů	ů		No Water Disc	targe at EPA Po	Ant S No	Water Discha	irge at EPA Point S	15	
Aluminium	mat																																															2
Ammonia as N	mgt																																															
Antimony Acsenic	mgt																																															
Arsenic	mgt																																															4
Garium	mgl	_						_				_						_																														
Beryllium Boron	mgl	_						_				_						_																														<u>. </u>
Boron	mgl	_						_				_						_																														
Cadmium	mgl	_						_				_						_																													0.1	.5
Calcium	mgl	_						_				_						_																													10	
Chromium Cobalt	mgl	_						_				_						_																														05
Copper	mgt	_	_				_	_			_	_											_																					_	_			
Copper	mgt	_	_				_	_			_	_											_																					_	_			
mon	mgt	_	_				_	_			_	_											_	_																				_	_			
Lead Lithium	mas					_	-	_			_	_				_							_	_																					_	-	9.5	-
Littium	mgt	_	_				_	_			_	_				_							_	_			_																	_	_			
Magnesium Manganese	mgt	_	_				_	_			_	_				_							_	_			_																	_	_			*
Mercury	mgt.					_	-	_			_	_				_							_	_																					_	-	- 0	
Malabeleron	mgt.					_	-	_			_	_				_							_	_																					_	-	0.	
Molybdenum Nickel	mgt.					_	-	_			_	_				_							_	_																					_	-	- 6	_
Dhoarborous as D	mol	_				1	_	_				_											_																			1				-		
Phosphorous as P Potassium		-		-			_	_			_	_																						_		_								_	_	$\overline{}$		-
			_	_			_	_			_	_				_		_	_					_		_															_		_			=	- 6	41
Silica sa SIO2 Silver	mol		_	_			_	_			_	_				_		_	_					_		_															_		_			=		_
Shar	mol		_	_			_	_			_	_				_		_	_					_		_															_		_			=		45
			_	_			_	_			_	_				_		_	_					_		_															_		_			=		<i>i</i>
Tin Titanium	mat																																															
Titanium	mal					1																																										iA .
						1																																										iA .
Vanadium Zinc	mal			_			_	_			_							_								_																	_			=		_

The control of the co

	Daily Discharge EPA No.6										
Date	ate Metromix Sample No. pH Suspended Solids (mg/L) Comments										
1 10											
Jan-19	No Water Discharge a										
Feb-19	No Water Discharge a	t EPA Poir	nt 6								
Mar-19	No Water Discharge a	t EPA Poir	t 6								
May-19	No Water Discharge a	t EPA Poir	t 6								
Jun-19	No Water Discharge a	t EPA Poir	t 6								
Jul-19	No Water Discharge a	t EPA Poir	t 6								
Aug-19	No Water Discharge a	t EPA Poir	t 6								
Sep-19	No Water Discharge a	t EPA Poir	t 6								
Oct-19	No Water Discharge a	t EPA Poir	t 6								
Nov-19	No Water Discharge a	t EPA Poir	t 6								
Dec-19	No Water Discharge a	t EPA Poir	t 6								

	Daily Discharge EPA No.7										
Date	Metromix Sample No.	рН	Suspended Solids (mg/L)	Comments							
Jan-19	No Water Discharge at	: EPA Poin	t 7								
Feb-19	No Water Discharge at	EPA Poin	t 7								
Mar-19	No Water Discharge at EPA Point 7										
May-19	No Water Discharge at	EPA Poin	t 7								
Jun-19	No Water Discharge at	EPA Poin	t 7								
Jul-19	No Water Discharge at	EPA Poin	t 7								
Aug-19	No Water Discharge at	EPA Poin	t 7								
Sep-19	No Water Discharge at	EPA Poin	t 7								
Oct-19	No Water Discharge at	EPA Poin	t 7								
Nov-19	No Water Discharge at	EPA Poin	t 7								
Dec-19	No Water Discharge at	EPA Poin	it 7								