

## Conjola Regional Sewerage Scheme - Monitoring Summary

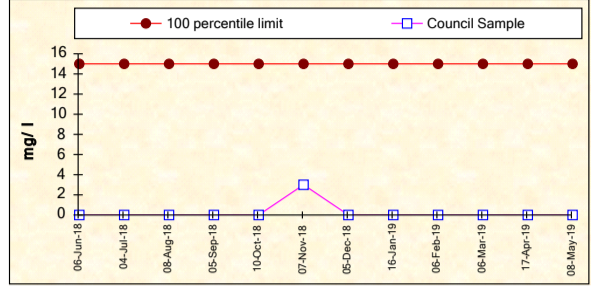
Licensee: Shoalhaven City Council, Shoalhaven Water, PO Box 42 Nowra 2541

Environment Protection License No. 12357

EPA ID No. 3 (Bendalong WwTP)

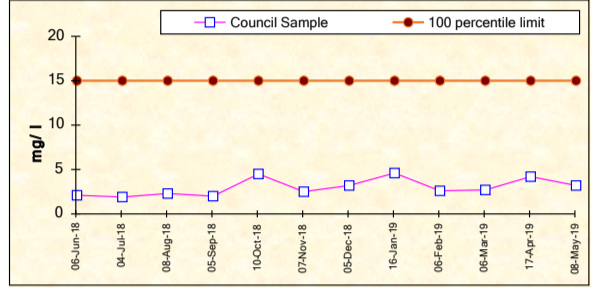
### BOD

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	100 percentile limit	Council Sample
Monthly	06-Jun-18	20-Jun-18	milligrams per litre	15	<2
Monthly	04-Jul-18	20-Jul-18	milligrams per litre	15	<2
Monthly	08-Aug-18	30-Aug-18	milligrams per litre	15	<2
Monthly	05-Sep-18	21-Sep-18	milligrams per litre	15	<2
Monthly	10-Oct-18	24-Oct-18	milligrams per litre	15	<2
Monthly	07-Nov-18	27-Nov-18	milligrams per litre	15	3
Monthly	05-Dec-18	31-Dec-18	milligrams per litre	15	<2
Monthly	16-Jan-19	31-Jan-19	milligrams per litre	15	<2
Monthly	06-Feb-19	28-Feb-19	milligrams per litre	15	<2
Monthly	06-Mar-19	28-Mar-19	milligrams per litre	15	<2
Monthly	17-Apr-19	06-May-19	milligrams per litre	15	<2
Monthly	08-May-19	29-May-19	milligrams per litre	15	<2



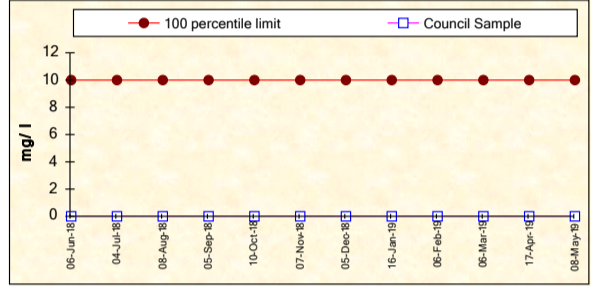
### TOTAL NITROGEN

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	100 percentile limit	Council Sample
Monthly	06-Jun-18	20-Jun-18	milligrams per litre	15	2.1
Monthly	04-Jul-18	20-Jul-18	milligrams per litre	15	1.9
Monthly	08-Aug-18	30-Aug-18	milligrams per litre	15	2.3
Monthly	05-Sep-18	21-Sep-18	milligrams per litre	15	2.0
Monthly	10-Oct-18	24-Oct-18	milligrams per litre	15	4.5
Monthly	07-Nov-18	27-Nov-18	milligrams per litre	15	2.5
Monthly	05-Dec-18	31-Dec-18	milligrams per litre	15	3.2
Monthly	16-Jan-19	31-Jan-19	milligrams per litre	15	4.6
Monthly	06-Feb-19	28-Feb-19	milligrams per litre	15	2.6
Monthly	06-Mar-19	28-Mar-19	milligrams per litre	15	2.7
Monthly	17-Apr-19	06-May-19	milligrams per litre	15	4.2
Monthly	08-May-19	29-May-19	milligrams per litre	15	3.2



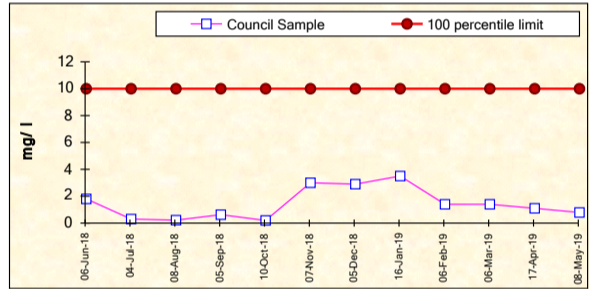
### OIL AND GREASE

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	100 percentile limit	Council Sample
Monthly	06-Jun-18	20-Jun-18	milligrams per litre	10	<1
Monthly	04-Jul-18	20-Jul-18	milligrams per litre	10	<1
Monthly	08-Aug-18	30-Aug-18	milligrams per litre	10	<1
Monthly	05-Sep-18	21-Sep-18	milligrams per litre	10	<1
Monthly	10-Oct-18	24-Oct-18	milligrams per litre	10	<1
Monthly	07-Nov-18	27-Nov-18	milligrams per litre	10	<1
Monthly	05-Dec-18	31-Dec-18	milligrams per litre	10	<1
Monthly	16-Jan-19	31-Jan-19	milligrams per litre	10	<1
Monthly	06-Feb-19	28-Feb-19	milligrams per litre	10	<1
Monthly	06-Mar-19	28-Mar-19	milligrams per litre	10	<1
Monthly	17-Apr-19	06-May-19	milligrams per litre	10	<1
Monthly	08-May-19	29-May-19	milligrams per litre	10	<1



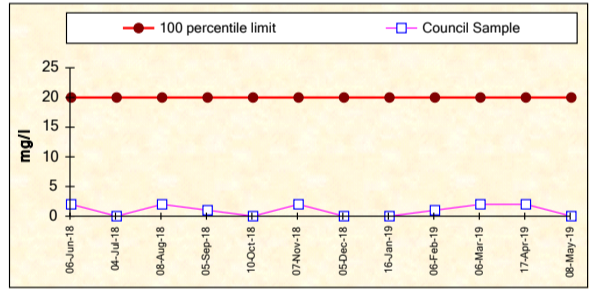
### TOTAL PHOSPHORUS

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	100 percentile limit	Council Sample
Monthly	06-Jun-18	20-Jun-18	milligrams per litre	10	1.8
Monthly	04-Jul-18	20-Jul-18	milligrams per litre	10	0.3
Monthly	08-Aug-18	30-Aug-18	milligrams per litre	10	0.2
Monthly	05-Sep-18	21-Sep-18	milligrams per litre	10	0.6
Monthly	10-Oct-18	24-Oct-18	milligrams per litre	10	0.2
Monthly	07-Nov-18	27-Nov-18	milligrams per litre	10	3.0
Monthly	05-Dec-18	31-Dec-18	milligrams per litre	10	2.9
Monthly	16-Jan-19	31-Jan-19	milligrams per litre	10	3.5
Monthly	06-Feb-19	28-Feb-19	milligrams per litre	10	1.4
Monthly	06-Mar-19	28-Mar-19	milligrams per litre	10	1.4
Monthly	17-Apr-19	06-May-19	milligrams per litre	10	1.1
Monthly	08-May-19	29-May-19	milligrams per litre	10	0.8



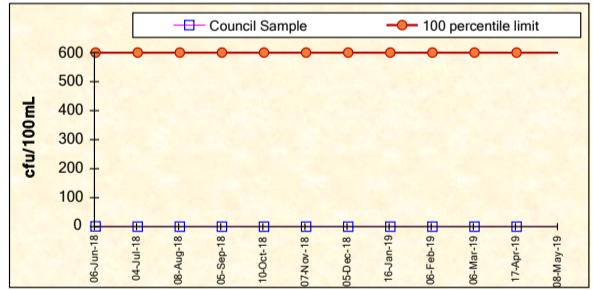
### TOTAL SUSPENDED SOLIDS

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	100 percentile limit	Council Sample
Monthly	06-Jun-18	20-Jun-18	milligrams per litre	20	2
Monthly	04-Jul-18	20-Jul-18	milligrams per litre	20	<1
Monthly	08-Aug-18	30-Aug-18	milligrams per litre	20	2
Monthly	05-Sep-18	21-Sep-18	milligrams per litre	20	1
Monthly	10-Oct-18	24-Oct-18	milligrams per litre	20	<1
Monthly	07-Nov-18	27-Nov-18	milligrams per litre	20	2
Monthly	05-Dec-18	31-Dec-18	milligrams per litre	20	<1
Monthly	16-Jan-19	31-Jan-19	milligrams per litre	20	<1
Monthly	06-Feb-19	28-Feb-19	milligrams per litre	20	1
Monthly	06-Mar-19	28-Mar-19	milligrams per litre	20	2
Monthly	17-Apr-19	06-May-19	milligrams per litre	20	2
Monthly	08-May-19	29-May-19	milligrams per litre	20	<1



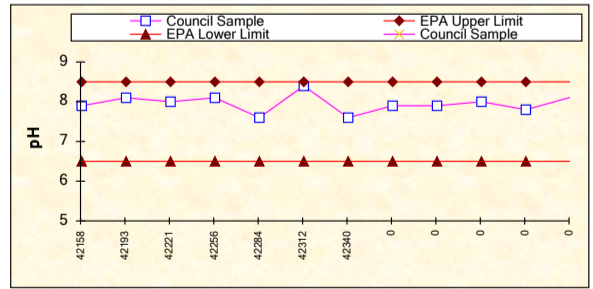
### FAECAL COLIFORMS

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	100 percentile limit	Council Sample
Monthly	06-Jun-18	20-Jun-18	colony forming units per 100 millilitres	600	1
Monthly	04-Jul-18	20-Jul-18	colony forming units per 100 millilitres	600	<1
Monthly	08-Aug-18	30-Aug-18	colony forming units per 100 millilitres	600	<1
Monthly	05-Sep-18	21-Sep-18	colony forming units per 100 millilitres	600	<1
Monthly	10-Oct-18	24-Oct-18	colony forming units per 100 millilitres	600	<1
Monthly	07-Nov-18	27-Nov-18	colony forming units per 100 millilitres	600	<1
Monthly	05-Dec-18	31-Dec-18	colony forming units per 100 millilitres	600	<1
Monthly	16-Jan-19	31-Jan-19	colony forming units per 100 millilitres	600	<1
Monthly	06-Feb-19	28-Feb-19	colony forming units per 100 millilitres	600	<1
Monthly	06-Mar-19	28-Mar-19	colony forming units per 100 millilitres	600	<1
Monthly	17-Apr-19	06-May-19	colony forming units per 100 millilitres	600	<1
Monthly	08-May-19	29-May-19	colony forming units per 100 millilitres	600	<1



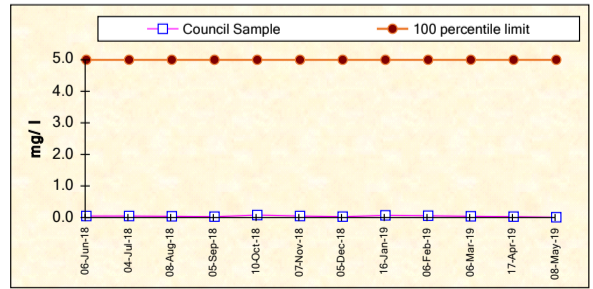
### pH

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	100 percentile limit	Council Sample
Monthly	06-Jun-18	20-Jun-18	pH	6.5-8.5	7.9
Monthly	04-Jul-18	20-Jul-18	pH	6.5-8.5	8.1
Monthly	08-Aug-18	30-Aug-18	pH	6.5-8.5	8.0
Monthly	05-Sep-18	21-Sep-18	pH	6.5-8.5	8.1
Monthly	10-Oct-18	24-Oct-18	pH	6.5-8.5	7.6
Monthly	07-Nov-18	27-Nov-18	pH	6.5-8.5	8.4
Monthly	05-Dec-18	31-Dec-18	pH	6.5-8.5	7.6
Monthly	16-Jan-19	31-Jan-19	pH	6.5-8.5	7.9
Monthly	06-Feb-19	28-Feb-19	pH	6.5-8.5	7.9
Monthly	06-Mar-19	28-Mar-19	pH	6.5-8.5	8.0
Monthly	17-Apr-19	06-May-19	pH	6.5-8.5	7.8
Monthly	08-May-19	29-May-19	pH	6.5-8.5	8.1



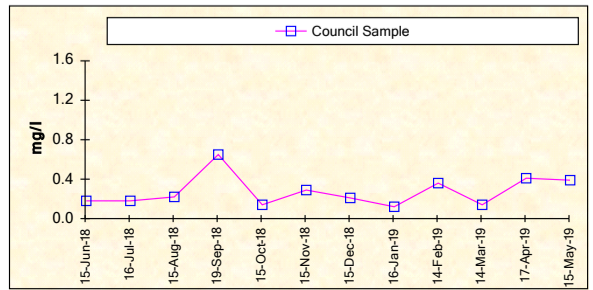
### AMMONIA NITROGEN

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	100 percentile limit	Council Sample
Monthly	06-Jun-18	20-Jun-18	milligrams per litre	5	0.05
Monthly	04-Jul-18	20-Jul-18	milligrams per litre	5	0.05
Monthly	08-Aug-18	30-Aug-18	milligrams per litre	5	0.04
Monthly	05-Sep-18	21-Sep-18	milligrams per litre	5	0.03
Monthly	10-Oct-18	24-Oct-18	milligrams per litre	5	0.08
Monthly	07-Nov-18	27-Nov-18	milligrams per litre	5	0.05
Monthly	05-Dec-18	31-Dec-18	milligrams per litre	5	0.03
Monthly	16-Jan-19	31-Jan-19	milligrams per litre	5	0.07
Monthly	06-Feb-19	28-Feb-19	milligrams per litre	5	0.06
Monthly	06-Mar-19	28-Mar-19	milligrams per litre	5	0.04
Monthly	17-Apr-19	06-May-19	milligrams per litre	5	0.03
Monthly	08-May-19	29-May-19	milligrams per litre	5	0.01



### CHLORINE (total residual)

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	100 percentile limit	Council Sample
Monthly	15-Jun-18	15-Jun-18	milligrams per litre	Monitoring Condition	0.18
Monthly	16-Jul-18	16-Jul-18	milligrams per litre		0.18
Monthly	15-Aug-18	15-Aug-18	milligrams per litre		0.22
Monthly	19-Sep-18	19-Sep-18	milligrams per litre		0.65
Monthly	15-Oct-18	15-Oct-18	milligrams per litre		0.14
Monthly	15-Nov-18	15-Nov-18	milligrams per litre		0.29
Monthly	15-Dec-18	15-Dec-18	milligrams per litre		0.21
Monthly	16-Jan-19	16-Jan-19	milligrams per litre		0.12
Monthly	14-Feb-19	14-Feb-19	milligrams per litre		0.36
Monthly	14-Mar-19	14-Mar-19	milligrams per litre		0.14
Monthly	17-Apr-19	17-Apr-19	milligrams per litre		0.41
Monthly	15-May-19	15-May-19	milligrams per litre		0.39



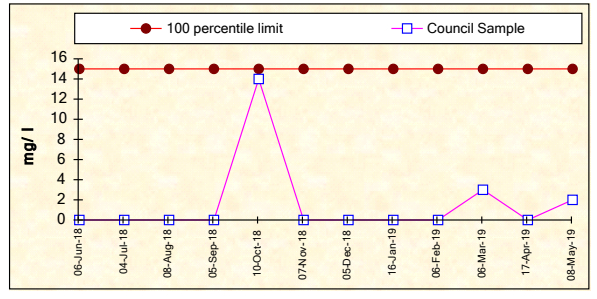
# Conjola Regional Sewerage Scheme - Monitoring Summary

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Environment Protection License No. 12357  
EPA ID No. 7 (Conjola WwTP)

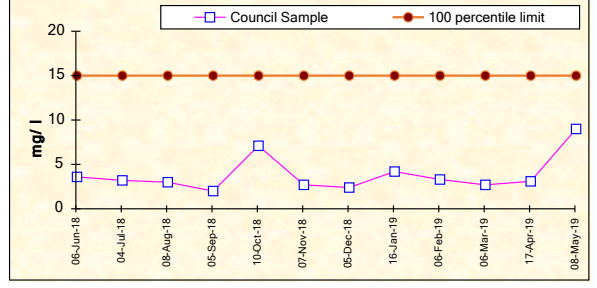
## BOD

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	100 percentile limit	Council Sample
Monthly	06-Jun-18	20-Jun-18	milligrams per litre	15	<2
Monthly	04-Jul-18	20-Jul-18	milligrams per litre	15	<2
Monthly	08-Aug-18	30-Aug-18	milligrams per litre	15	<2
Monthly	05-Sep-18	21-Sep-18	milligrams per litre	15	<2
Monthly	10-Oct-18	24-Oct-18	milligrams per litre	15	14
Monthly	07-Nov-18	27-Nov-18	milligrams per litre	15	<2
Monthly	05-Dec-18	31-Dec-18	milligrams per litre	15	<2
Monthly	16-Jan-19	31-Jan-19	milligrams per litre	15	<2
Monthly	06-Feb-19	28-Feb-19	milligrams per litre	15	<2
Monthly	06-Mar-19	28-Mar-19	milligrams per litre	15	3
Monthly	17-Apr-19	06-May-19	milligrams per litre	15	<2
Monthly	08-May-19	29-May-19	milligrams per litre	15	2



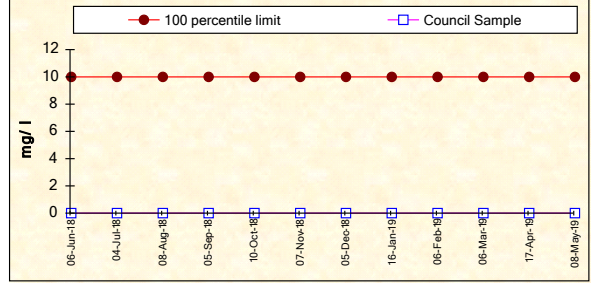
## TOTAL NITROGEN

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	100 percentile limit	Council Sample
Monthly	06-Jun-18	20-Jun-18	milligrams per litre	15	3.6
Monthly	04-Jul-18	20-Jul-18	milligrams per litre	15	3.2
Monthly	08-Aug-18	30-Aug-18	milligrams per litre	15	3.0
Monthly	05-Sep-18	21-Sep-18	milligrams per litre	15	2.0
Monthly	10-Oct-18	24-Oct-18	milligrams per litre	15	7.1
Monthly	07-Nov-18	27-Nov-18	milligrams per litre	15	2.7
Monthly	05-Dec-18	31-Dec-18	milligrams per litre	15	2.4
Monthly	16-Jan-19	31-Jan-19	milligrams per litre	15	4.2
Monthly	06-Feb-19	28-Feb-19	milligrams per litre	15	3.3
Monthly	06-Mar-19	28-Mar-19	milligrams per litre	15	2.7
Monthly	17-Apr-19	06-May-19	milligrams per litre	15	3.1
Monthly	08-May-19	29-May-19	milligrams per litre	15	9.0



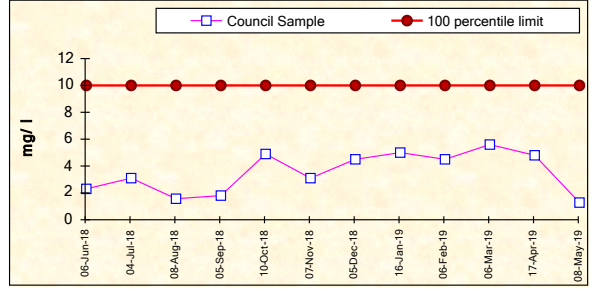
## OIL AND GREASE

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	100 percentile limit	Council Sample
Monthly	06-Jun-18	20-Jun-18	milligrams per litre	10	<1
Monthly	04-Jul-18	20-Jul-18	milligrams per litre	10	<1
Monthly	08-Aug-18	30-Aug-18	milligrams per litre	10	<1
Monthly	05-Sep-18	21-Sep-18	milligrams per litre	10	<1
Monthly	10-Oct-18	24-Oct-18	milligrams per litre	10	<1
Monthly	07-Nov-18	27-Nov-18	milligrams per litre	10	<1
Monthly	05-Dec-18	31-Dec-18	milligrams per litre	10	<1
Monthly	16-Jan-19	31-Jan-19	milligrams per litre	10	<1
Monthly	06-Feb-19	28-Feb-19	milligrams per litre	10	<1
Monthly	06-Mar-19	28-Mar-19	milligrams per litre	10	<1
Monthly	17-Apr-19	06-May-19	milligrams per litre	10	<1
Monthly	08-May-19	29-May-19	milligrams per litre	10	<1



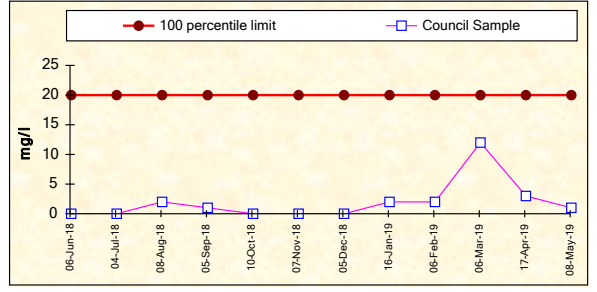
## TOTAL PHOSPHORUS

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	100 percentile limit	Council Sample
Monthly	06-Jun-18	20-Jun-18	milligrams per litre	10	2.3
Monthly	04-Jul-18	20-Jul-18	milligrams per litre	10	3.1
Monthly	08-Aug-18	30-Aug-18	milligrams per litre	10	1.6
Monthly	05-Sep-18	21-Sep-18	milligrams per litre	10	1.8
Monthly	10-Oct-18	24-Oct-18	milligrams per litre	10	4.9
Monthly	07-Nov-18	27-Nov-18	milligrams per litre	10	3.1
Monthly	05-Dec-18	31-Dec-18	milligrams per litre	10	4.5
Monthly	16-Jan-19	31-Jan-19	milligrams per litre	10	5.0
Monthly	06-Feb-19	28-Feb-19	milligrams per litre	10	4.5
Monthly	06-Mar-19	28-Mar-19	milligrams per litre	10	5.6
Monthly	17-Apr-19	06-May-19	milligrams per litre	10	4.8
Monthly	08-May-19	29-May-19	milligrams per litre	10	1.3



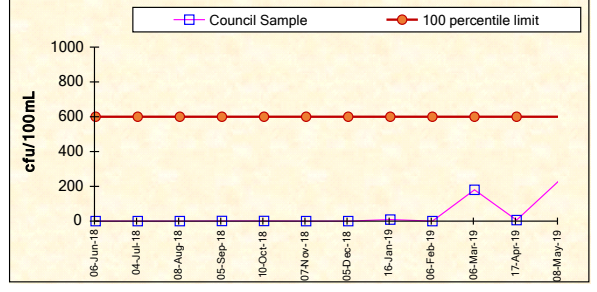
## TOTAL SUSPENDED SOLIDS

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	100 percentile limit	Council Sample
Monthly	06-Jun-18	20-Jun-18	milligrams per litre	20	<1
Monthly	04-Jul-18	20-Jul-18	milligrams per litre	20	<1
Monthly	08-Aug-18	30-Aug-18	milligrams per litre	20	2
Monthly	05-Sep-18	21-Sep-18	milligrams per litre	20	1
Monthly	10-Oct-18	24-Oct-18	milligrams per litre	20	<1
Monthly	07-Nov-18	27-Nov-18	milligrams per litre	20	<1
Monthly	05-Dec-18	31-Dec-18	milligrams per litre	20	<1
Monthly	16-Jan-19	31-Jan-19	milligrams per litre	20	2
Monthly	06-Feb-19	28-Feb-19	milligrams per litre	20	2
Monthly	06-Mar-19	28-Mar-19	milligrams per litre	20	12
Monthly	17-Apr-19	06-May-19	milligrams per litre	20	3
Monthly	08-May-19	29-May-19	milligrams per litre	20	1



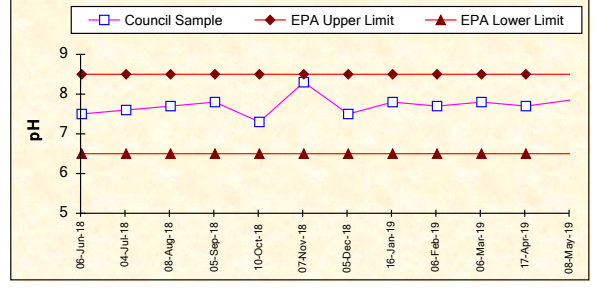
## FAECAL COLIFORMS

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	100 percentile limit	Council Sample
Monthly	06-Jun-18	20-Jun-18	colony forming units per 100 millilitres	600	<1
Monthly	04-Jul-18	20-Jul-18	colony forming units per 100 millilitres	600	<1
Monthly	08-Aug-18	30-Aug-18	colony forming units per 100 millilitres	600	<1
Monthly	05-Sep-18	21-Sep-18	colony forming units per 100 millilitres	600	1
Monthly	10-Oct-18	24-Oct-18	colony forming units per 100 millilitres	600	1
Monthly	07-Nov-18	27-Nov-18	colony forming units per 100 millilitres	600	<1
Monthly	05-Dec-18	31-Dec-18	colony forming units per 100 millilitres	600	<1
Monthly	16-Jan-19	31-Jan-19	colony forming units per 100 millilitres	600	9
Monthly	06-Feb-19	28-Feb-19	colony forming units per 100 millilitres	600	<1
Monthly	06-Mar-19	28-Mar-19	colony forming units per 100 millilitres	600	180
Monthly	17-Apr-19	06-May-19	colony forming units per 100 millilitres	600	6
Monthly	08-May-19	29-May-19	colony forming units per 100 millilitres	600	230



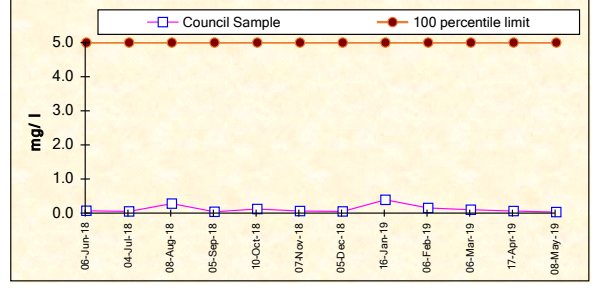
## pH

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	100 percentile limit	Council Sample
Monthly	06-Jun-18	20-Jun-18	pH	6.5-8.5	7.5
Monthly	04-Jul-18	20-Jul-18	pH	6.5-8.5	7.6
Monthly	08-Aug-18	30-Aug-18	pH	6.5-8.5	7.7
Monthly	05-Sep-18	21-Sep-18	pH	6.5-8.5	7.8
Monthly	10-Oct-18	24-Oct-18	pH	6.5-8.5	7.3
Monthly	07-Nov-18	27-Nov-18	pH	6.5-8.5	8.3
Monthly	05-Dec-18	31-Dec-18	pH	6.5-8.5	7.5
Monthly	16-Jan-19	31-Jan-19	pH	6.5-8.5	7.8
Monthly	06-Feb-19	28-Feb-19	pH	6.5-8.5	7.7
Monthly	06-Mar-19	28-Mar-19	pH	6.5-8.5	7.8
Monthly	17-Apr-19	06-May-19	pH	6.5-8.5	7.7
Monthly	08-May-19	29-May-19	pH	6.5-8.5	7.9



## AMMONIA NITROGEN

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	100 percentile limit	Council Sample
Monthly	06-Jun-18	20-Jun-18	milligrams per litre	5	0.07
Monthly	04-Jul-18	20-Jul-18	milligrams per litre	5	0.05
Monthly	08-Aug-18	30-Aug-18	milligrams per litre	5	0.28
Monthly	05-Sep-18	21-Sep-18	milligrams per litre	5	0.04
Monthly	10-Oct-18	24-Oct-18	milligrams per litre	5	0.12
Monthly	07-Nov-18	27-Nov-18	milligrams per litre	5	0.06
Monthly	05-Dec-18	31-Dec-18	milligrams per litre	5	0.05
Monthly	16-Jan-19	31-Jan-19	milligrams per litre	5	0.39
Monthly	06-Feb-19	28-Feb-19	milligrams per litre	5	0.15
Monthly	06-Mar-19	28-Mar-19	milligrams per litre	5	0.10
Monthly	17-Apr-19	06-May-19	milligrams per litre	5	0.06
Monthly	08-May-19	29-May-19	milligrams per litre	5	0.03



## CHLORINE (total residual)

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	100 percentile limit	Council Sample
Monthly	15-Jun-18	15-Jun-18	milligrams per litre	MONITORING	0.18
Monthly	16-Jul-18	16-Jul-18	milligrams per litre		0.26
Monthly	15-Aug-18	15-Aug-18	milligrams per litre		0.32
Monthly	19-Sep-18	19-Sep-18	milligrams per litre	CONDITION	0.33
Monthly	15-Oct-18	15-Oct-18	milligrams per litre		0.56
Monthly	15-Nov-18	15-Nov-18	milligrams per litre		0.22
Monthly	15-Dec-18	15-Dec-18	milligrams per litre		0.26
Monthly	16-Jan-19	16-Jan-19	milligrams per litre		0.41
Monthly	14-Feb-19	14-Feb-19	milligrams per litre		0.29
Monthly	14-Mar-19	14-Mar-19	milligrams per litre		0.33
Monthly	17-Apr-19	17-Apr-19	milligrams per litre		0.29
Monthly	15-May-19	15-May-19	milligrams per litre		0.27

