

# Conjola Regional Sewerage Scheme - Monitoring Summary

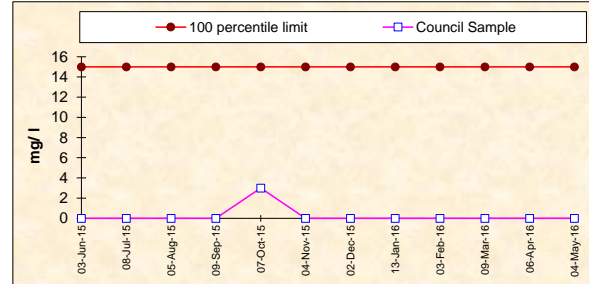
Licensee: Shoalhaven City Council, Shoalhaven Water, PO Box 42 Nowra 2541

Environment Protection License No. 12357

EPA ID No. 3 (Bendalong WWTP)

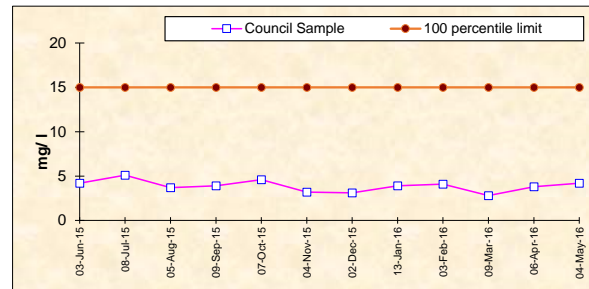
## BOD

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	100 percentile limit	Council Sample
Monthly	03-Jun-15	18-Jun-15	milligrams per litre	15	<2
Monthly	08-Jul-15	22-Jul-15	milligrams per litre	15	<2
Monthly	05-Aug-15	19-Aug-15	milligrams per litre	15	<2
Monthly	09-Sep-15	22-Sep-15	milligrams per litre	15	<2
Monthly	07-Oct-15	22-Oct-15	milligrams per litre	15	3
Monthly	04-Nov-15	18-Nov-15	milligrams per litre	15	<2
Monthly	02-Dec-15	14-Dec-15	milligrams per litre	15	<2
Monthly	13-Jan-16	27-Jan-16	milligrams per litre	15	<2
Monthly	03-Feb-16	17-Feb-16	milligrams per litre	15	<2
Monthly	09-Mar-16	23-Mar-16	milligrams per litre	15	<2
Monthly	06-Apr-16	20-Apr-16	milligrams per litre	15	<2
Monthly	04-May-16	18-May-16	milligrams per litre	15	<2



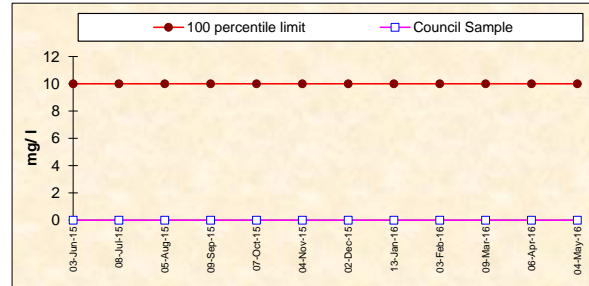
## TOTAL NITROGEN

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	100 percentile limit	Council Sample
Monthly	03-Jun-15	18-Jun-15	milligrams per litre	15	4.2
Monthly	08-Jul-15	22-Jul-15	milligrams per litre	15	5.1
Monthly	05-Aug-15	19-Aug-15	milligrams per litre	15	3.7
Monthly	09-Sep-15	22-Sep-15	milligrams per litre	15	3.9
Monthly	07-Oct-15	22-Oct-15	milligrams per litre	15	4.6
Monthly	04-Nov-15	18-Nov-15	milligrams per litre	15	3.2
Monthly	02-Dec-15	14-Dec-15	milligrams per litre	15	3.1
Monthly	13-Jan-16	27-Jan-16	milligrams per litre	15	3.9
Monthly	03-Feb-16	17-Feb-16	milligrams per litre	15	4.1
Monthly	09-Mar-16	23-Mar-16	milligrams per litre	15	2.8
Monthly	06-Apr-16	20-Apr-16	milligrams per litre	15	3.8
Monthly	04-May-16	18-May-16	milligrams per litre	15	4.2



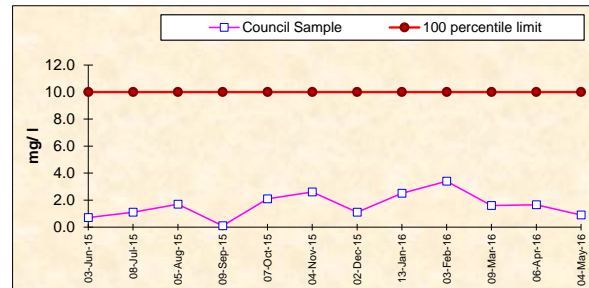
## OIL AND GREASE

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	100 percentile limit	Council Sample
Monthly	03-Jun-15	18-Jun-15	milligrams per litre	10	<1
Monthly	08-Jul-15	22-Jul-15	milligrams per litre	10	<1
Monthly	05-Aug-15	19-Aug-15	milligrams per litre	10	<1
Monthly	09-Sep-15	22-Sep-15	milligrams per litre	10	<1
Monthly	07-Oct-15	22-Oct-15	milligrams per litre	10	<1
Monthly	04-Nov-15	18-Nov-15	milligrams per litre	10	<1
Monthly	02-Dec-15	14-Dec-15	milligrams per litre	10	<1
Monthly	13-Jan-16	27-Jan-16	milligrams per litre	10	<1
Monthly	03-Feb-16	17-Feb-16	milligrams per litre	10	<1
Monthly	09-Mar-16	23-Mar-16	milligrams per litre	10	<1
Monthly	06-Apr-16	20-Apr-16	milligrams per litre	10	<1
Monthly	04-May-16	18-May-16	milligrams per litre	10	<1



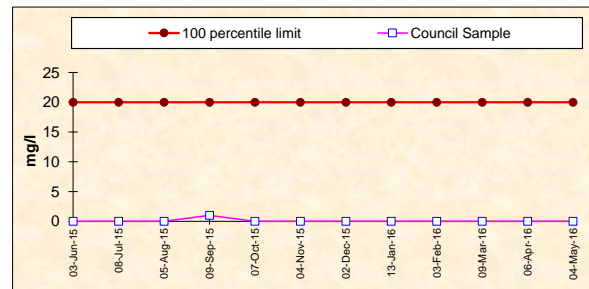
## TOTAL PHOSPHORUS

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	100 percentile limit	Council Sample
Monthly	03-Jun-15	18-Jun-15	milligrams per litre	10	0.7
Monthly	08-Jul-15	22-Jul-15	milligrams per litre	10	1.1
Monthly	05-Aug-15	19-Aug-15	milligrams per litre	10	1.7
Monthly	09-Sep-15	22-Sep-15	milligrams per litre	10	0.1
Monthly	07-Oct-15	22-Oct-15	milligrams per litre	10	2.1
Monthly	04-Nov-15	18-Nov-15	milligrams per litre	10	2.6
Monthly	02-Dec-15	14-Dec-15	milligrams per litre	10	1.1
Monthly	13-Jan-16	27-Jan-16	milligrams per litre	10	2.5
Monthly	03-Feb-16	17-Feb-16	milligrams per litre	10	3.4
Monthly	09-Mar-16	23-Mar-16	milligrams per litre	10	1.6
Monthly	06-Apr-16	20-Apr-16	milligrams per litre	10	1.7
Monthly	04-May-16	18-May-16	milligrams per litre	10	0.9



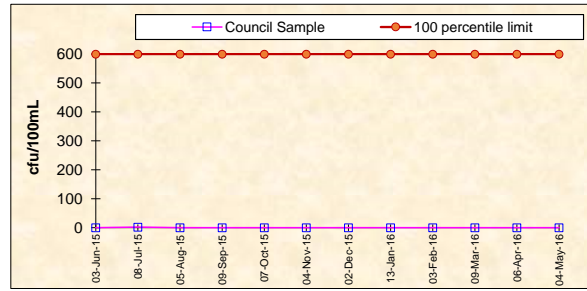
## TOTAL SUSPENDED SOLIDS

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	100 percentile limit	Council Sample
Monthly	03-Jun-15	18-Jun-15	milligrams per litre	20	<1
Monthly	08-Jul-15	22-Jul-15	milligrams per litre	20	<1
Monthly	05-Aug-15	19-Aug-15	milligrams per litre	20	<1
Monthly	09-Sep-15	22-Sep-15	milligrams per litre	20	1
Monthly	07-Oct-15	22-Oct-15	milligrams per litre	20	<1
Monthly	04-Nov-15	18-Nov-15	milligrams per litre	20	<1
Monthly	02-Dec-15	14-Dec-15	milligrams per litre	20	<1
Monthly	13-Jan-16	27-Jan-16	milligrams per litre	20	<1
Monthly	03-Feb-16	17-Feb-16	milligrams per litre	20	<1
Monthly	09-Mar-16	23-Mar-16	milligrams per litre	20	<1
Monthly	06-Apr-16	20-Apr-16	milligrams per litre	20	<1
Monthly	04-May-16	18-May-16	milligrams per litre	20	<1



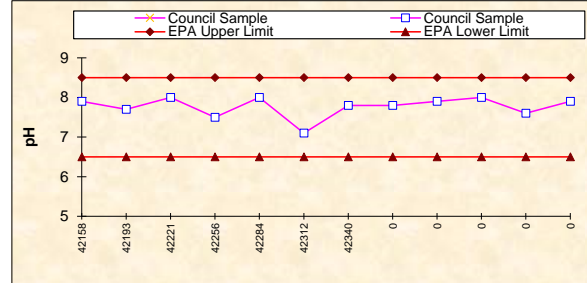
### FAECAL COLIFORMS

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	100 percentile limit	Council Sample
Monthly	03-Jun-15	18-Jun-15	colony forming units per 100 millilitres	600	<1
Monthly	08-Jul-15	22-Jul-15	colony forming units per 100 millilitres	600	2
Monthly	05-Aug-15	19-Aug-15	colony forming units per 100 millilitres	600	<1
Monthly	09-Sep-15	22-Sep-15	colony forming units per 100 millilitres	600	<1
Monthly	07-Oct-15	22-Oct-15	colony forming units per 100 millilitres	600	<1
Monthly	04-Nov-15	18-Nov-15	colony forming units per 100 millilitres	600	<1
Monthly	02-Dec-15	14-Dec-15	colony forming units per 100 millilitres	600	<1
Monthly	13-Jan-16	27-Jan-16	colony forming units per 100 millilitres	600	<1
Monthly	03-Feb-16	17-Feb-16	colony forming units per 100 millilitres	600	<1
Monthly	09-Mar-16	23-Mar-16	colony forming units per 100 millilitres	600	<1
Monthly	06-Apr-16	20-Apr-16	colony forming units per 100 millilitres	600	<1
Monthly	04-May-16	18-May-16	colony forming units per 100 millilitres	600	<1



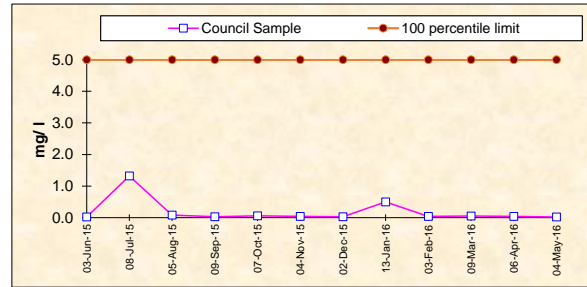
### pH

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	100 percentile limit	Council Sample
Monthly	03-Jun-15	18-Jun-15	pH	6.5-8.5	7.9
Monthly	08-Jul-15	22-Jul-15	pH	6.5-8.5	7.7
Monthly	05-Aug-15	19-Aug-15	pH	6.5-8.5	8.0
Monthly	09-Sep-15	22-Sep-15	pH	6.5-8.5	7.5
Monthly	07-Oct-15	22-Oct-15	pH	6.5-8.5	8.0
Monthly	04-Nov-15	18-Nov-15	pH	6.5-8.5	7.1
Monthly	02-Dec-15	14-Dec-15	pH	6.5-8.5	7.8
Monthly	13-Jan-16	27-Jan-16	pH	6.5-8.5	7.8
Monthly	03-Feb-16	17-Feb-16	pH	6.5-8.5	7.9
Monthly	09-Mar-16	23-Mar-16	pH	6.5-8.5	8.0
Monthly	06-Apr-16	20-Apr-16	pH	6.5-8.5	7.6
Monthly	04-May-16	18-May-16	pH	6.5-8.5	7.9



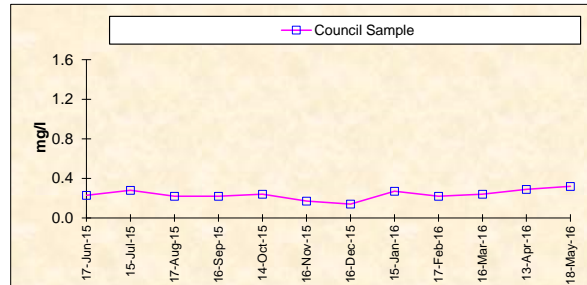
### AMMONIA NITROGEN

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	100 percentile limit	Council Sample
Monthly	03-Jun-15	18-Jun-15	milligrams per litre	5	0.02
Monthly	08-Jul-15	22-Jul-15	milligrams per litre	5	1.32
Monthly	05-Aug-15	19-Aug-15	milligrams per litre	5	0.08
Monthly	09-Sep-15	22-Sep-15	milligrams per litre	5	0.03
Monthly	07-Oct-15	22-Oct-15	milligrams per litre	5	0.06
Monthly	04-Nov-15	18-Nov-15	milligrams per litre	5	0.04
Monthly	02-Dec-15	14-Dec-15	milligrams per litre	5	0.03
Monthly	13-Jan-16	27-Jan-16	milligrams per litre	5	0.50
Monthly	03-Feb-16	17-Feb-16	milligrams per litre	5	0.04
Monthly	09-Mar-16	23-Mar-16	milligrams per litre	5	0.05
Monthly	06-Apr-16	20-Apr-16	milligrams per litre	5	0.04
Monthly	04-May-16	18-May-16	milligrams per litre	5	0.02



### CHLORINE (total residual)

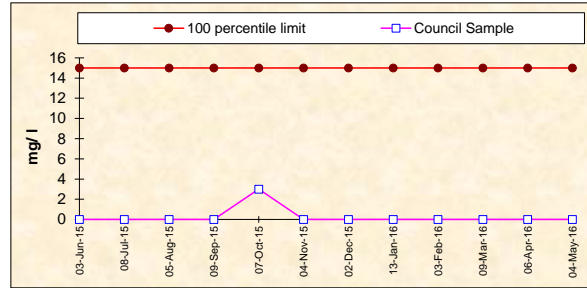
Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	100 percentile limit	Council Sample
Monthly	17-Jun-15	17-Jun-15	milligrams per litre	Monitoring Condition	0.23
Monthly	15-Jul-15	15-Jul-15	milligrams per litre		0.28
Monthly	17-Aug-15	17-Aug-15	milligrams per litre		0.22
Monthly	16-Sep-15	16-Sep-15	milligrams per litre		0.22
Monthly	14-Oct-15	14-Oct-15	milligrams per litre		0.24
Monthly	16-Nov-15	16-Nov-15	milligrams per litre		0.17
Monthly	16-Dec-15	16-Dec-15	milligrams per litre		0.14
Monthly	15-Jan-16	15-Jan-16	milligrams per litre		0.27
Monthly	17-Feb-16	17-Feb-16	milligrams per litre		0.22
Monthly	16-Mar-16	16-Mar-16	milligrams per litre		0.24
Monthly	13-Apr-16	13-Apr-16	milligrams per litre		0.29
Monthly	18-May-16	18-May-16	milligrams per litre		0.32



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

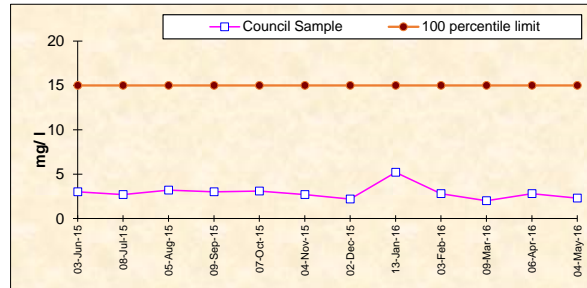
**BOD**

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	100 percentile limit	Council Sample
Monthly	03-Jun-15	18-Jun-15	milligrams per litre	15	<2
Monthly	08-Jul-15	22-Jul-15	milligrams per litre	15	<2
Monthly	05-Aug-15	19-Aug-15	milligrams per litre	15	<2
Monthly	09-Sep-15	22-Sep-15	milligrams per litre	15	<2
Monthly	07-Oct-15	22-Oct-15	milligrams per litre	15	3
Monthly	04-Nov-15	18-Nov-15	milligrams per litre	15	<2
Monthly	02-Dec-15	14-Dec-15	milligrams per litre	15	<2
Monthly	13-Jan-16	27-Jan-16	milligrams per litre	15	<2
Monthly	03-Feb-16	17-Feb-16	milligrams per litre	15	<2
Monthly	09-Mar-16	23-Mar-16	milligrams per litre	15	<2
Monthly	06-Apr-16	20-Apr-16	milligrams per litre	15	<2
Monthly	04-May-16	18-May-16	milligrams per litre	15	<2



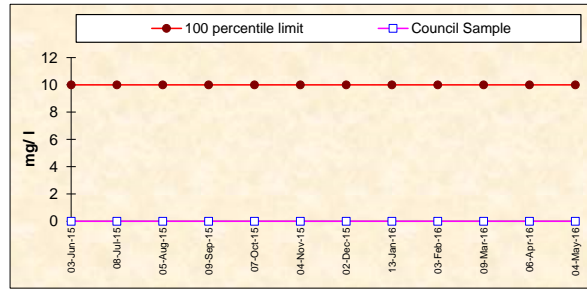
**TOTAL NITROGEN**

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	100 percentile limit	Council Sample
Monthly	03-Jun-15	18-Jun-15	milligrams per litre	15	3.0
Monthly	08-Jul-15	22-Jul-15	milligrams per litre	15	2.7
Monthly	05-Aug-15	19-Aug-15	milligrams per litre	15	3.2
Monthly	09-Sep-15	22-Sep-15	milligrams per litre	15	3.0
Monthly	07-Oct-15	22-Oct-15	milligrams per litre	15	3.1
Monthly	04-Nov-15	18-Nov-15	milligrams per litre	15	2.7
Monthly	02-Dec-15	14-Dec-15	milligrams per litre	15	2.2
Monthly	13-Jan-16	27-Jan-16	milligrams per litre	15	5.2
Monthly	03-Feb-16	17-Feb-16	milligrams per litre	15	2.8
Monthly	09-Mar-16	23-Mar-16	milligrams per litre	15	2.0
Monthly	06-Apr-16	20-Apr-16	milligrams per litre	15	2.8
Monthly	04-May-16	18-May-16	milligrams per litre	15	2.3



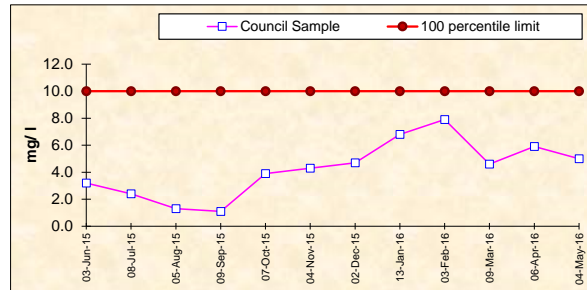
**OIL AND GREASE**

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	100 percentile limit	Council Sample
Monthly	03-Jun-15	18-Jun-15	milligrams per litre	10	<1
Monthly	08-Jul-15	22-Jul-15	milligrams per litre	10	<1
Monthly	05-Aug-15	19-Aug-15	milligrams per litre	10	<1
Monthly	09-Sep-15	22-Sep-15	milligrams per litre	10	<1
Monthly	07-Oct-15	22-Oct-15	milligrams per litre	10	<1
Monthly	04-Nov-15	18-Nov-15	milligrams per litre	10	<1
Monthly	02-Dec-15	14-Dec-15	milligrams per litre	10	<1
Monthly	13-Jan-16	27-Jan-16	milligrams per litre	10	<1
Monthly	03-Feb-16	17-Feb-16	milligrams per litre	10	<1
Monthly	09-Mar-16	23-Mar-16	milligrams per litre	10	<1
Monthly	06-Apr-16	20-Apr-16	milligrams per litre	10	<1
Monthly	04-May-16	18-May-16	milligrams per litre	10	<1



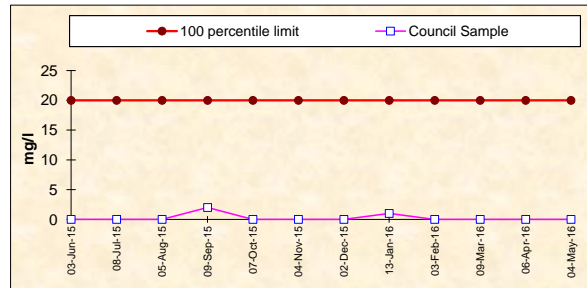
**TOTAL PHOSPHORUS**

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	100 percentile limit	Council Sample
Monthly	03-Jun-15	18-Jun-15	milligrams per litre	10	3.2
Monthly	08-Jul-15	22-Jul-15	milligrams per litre	10	2.4
Monthly	05-Aug-15	19-Aug-15	milligrams per litre	10	1.3
Monthly	09-Sep-15	22-Sep-15	milligrams per litre	10	1.1
Monthly	07-Oct-15	22-Oct-15	milligrams per litre	10	3.9
Monthly	04-Nov-15	18-Nov-15	milligrams per litre	10	4.3
Monthly	02-Dec-15	14-Dec-15	milligrams per litre	10	4.7
Monthly	13-Jan-16	27-Jan-16	milligrams per litre	10	6.8
Monthly	03-Feb-16	17-Feb-16	milligrams per litre	10	7.9
Monthly	09-Mar-16	23-Mar-16	milligrams per litre	10	4.6
Monthly	06-Apr-16	20-Apr-16	milligrams per litre	10	5.9
Monthly	04-May-16	18-May-16	milligrams per litre	10	5.0



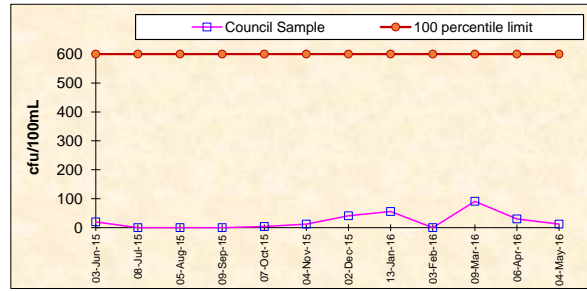
**TOTAL SUSPENDED SOLIDS**

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	100 percentile limit	Council Sample
Monthly	03-Jun-15	18-Jun-15	milligrams per litre	20	<1
Monthly	08-Jul-15	22-Jul-15	milligrams per litre	20	<1
Monthly	05-Aug-15	19-Aug-15	milligrams per litre	20	<1
Monthly	09-Sep-15	22-Sep-15	milligrams per litre	20	2
Monthly	07-Oct-15	22-Oct-15	milligrams per litre	20	<1
Monthly	04-Nov-15	18-Nov-15	milligrams per litre	20	<1
Monthly	02-Dec-15	14-Dec-15	milligrams per litre	20	<1
Monthly	13-Jan-16	27-Jan-16	milligrams per litre	20	1
Monthly	03-Feb-16	17-Feb-16	milligrams per litre	20	<1
Monthly	09-Mar-16	23-Mar-16	milligrams per litre	20	<1
Monthly	06-Apr-16	20-Apr-16	milligrams per litre	20	<1
Monthly	04-May-16	18-May-16	milligrams per litre	20	<1



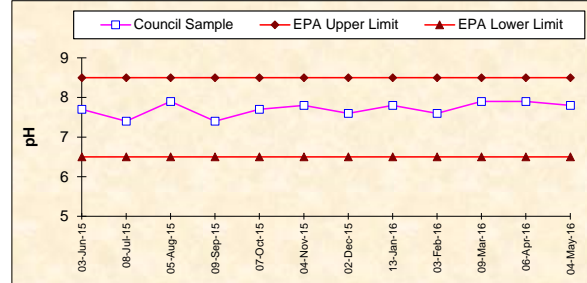
### FAECAL COLIFORMS

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	100 percentile limit	Council Sample
Monthly	03-Jun-15	18-Jun-15	colony forming units per 100 millilitres	600	20
Monthly	08-Jul-15	22-Jul-15	colony forming units per 100 millilitres	600	<1
Monthly	05-Aug-15	19-Aug-15	colony forming units per 100 millilitres	600	<1
Monthly	09-Sep-15	22-Sep-15	colony forming units per 100 millilitres	600	4
Monthly	07-Oct-15	22-Oct-15	colony forming units per 100 millilitres	600	12
Monthly	04-Nov-15	18-Nov-15	colony forming units per 100 millilitres	600	41
Monthly	02-Dec-15	14-Dec-15	colony forming units per 100 millilitres	600	56
Monthly	13-Jan-16	27-Jan-16	colony forming units per 100 millilitres	600	<1
Monthly	03-Feb-16	17-Feb-16	colony forming units per 100 millilitres	600	91
Monthly	09-Mar-16	23-Mar-16	colony forming units per 100 millilitres	600	30
Monthly	06-Apr-16	20-Apr-16	colony forming units per 100 millilitres	600	12
Monthly	04-May-16	18-May-16	colony forming units per 100 millilitres	600	



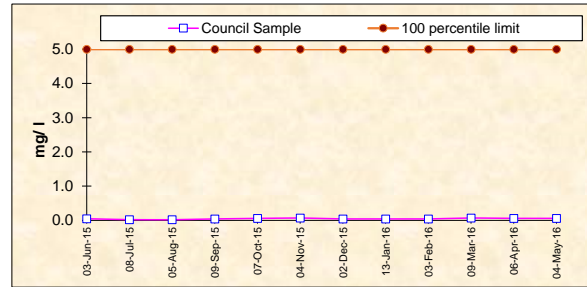
### pH

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	100 percentile limit	Council Sample
Monthly	03-Jun-15	18-Jun-15	pH	6.5-8.5	7.7
Monthly	08-Jul-15	22-Jul-15	pH	6.5-8.5	7.4
Monthly	05-Aug-15	19-Aug-15	pH	6.5-8.5	7.9
Monthly	09-Sep-15	22-Sep-15	pH	6.5-8.5	7.4
Monthly	07-Oct-15	22-Oct-15	pH	6.5-8.5	7.7
Monthly	04-Nov-15	18-Nov-15	pH	6.5-8.5	7.8
Monthly	02-Dec-15	14-Dec-15	pH	6.5-8.5	7.6
Monthly	13-Jan-16	27-Jan-16	pH	6.5-8.5	7.8
Monthly	03-Feb-16	17-Feb-16	pH	6.5-8.5	7.6
Monthly	09-Mar-16	23-Mar-16	pH	6.5-8.5	7.9
Monthly	06-Apr-16	20-Apr-16	pH	6.5-8.5	7.9
Monthly	04-May-16	18-May-16	pH	6.5-8.5	7.8



### AMMONIA NITROGEN

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	100 percentile limit	Council Sample
Monthly	03-Jun-15	18-Jun-15	milligrams per litre	5	0.05
Monthly	08-Jul-15	22-Jul-15	milligrams per litre	5	0.02
Monthly	05-Aug-15	19-Aug-15	milligrams per litre	5	0.02
Monthly	09-Sep-15	22-Sep-15	milligrams per litre	5	0.04
Monthly	07-Oct-15	22-Oct-15	milligrams per litre	5	0.06
Monthly	04-Nov-15	18-Nov-15	milligrams per litre	5	0.07
Monthly	02-Dec-15	14-Dec-15	milligrams per litre	5	0.04
Monthly	13-Jan-16	27-Jan-16	milligrams per litre	5	0.04
Monthly	03-Feb-16	17-Feb-16	milligrams per litre	5	0.04
Monthly	09-Mar-16	23-Mar-16	milligrams per litre	5	0.07
Monthly	06-Apr-16	20-Apr-16	milligrams per litre	5	0.06
Monthly	04-May-16	18-May-16	milligrams per litre	5	0.06



### CHLORINE (total residual)

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	100 percentile limit	Council Sample
Monthly	17-Jun-15	17-Jun-15	milligrams per litre	MONITORING	0.28
Monthly	15-Jul-15	15-Jul-15	milligrams per litre		0.22
Monthly	17-Aug-15	17-Aug-15	milligrams per litre		0.26
Monthly	16-Sep-15	16-Sep-15	milligrams per litre		0.18
Monthly	14-Oct-15	14-Oct-15	milligrams per litre		0.15
Monthly	16-Nov-15	16-Nov-15	milligrams per litre	CONDITION	0.34
Monthly	16-Dec-15	16-Dec-15	milligrams per litre		0.33
Monthly	15-Jan-16	15-Jan-16	milligrams per litre		0.17
Monthly	17-Feb-16	17-Feb-16	milligrams per litre		0.40
Monthly	16-Mar-16	16-Mar-16	milligrams per litre		0.29
Monthly	13-Apr-16	13-Apr-16	milligrams per litre		0.32
Monthly	18-May-16	18-May-16	milligrams per litre		0.27

