

Nowra Wastewater Treatment Plant - Monitoring Summary

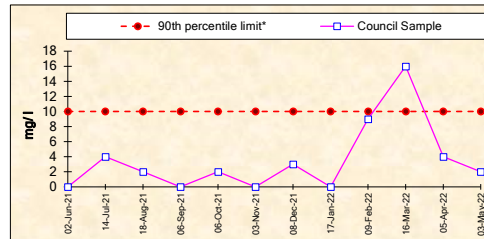
Licensee: Shoalhaven City Council, Shoalhaven Water, PO Box 42 Nowra 2541
(New WwTP - Environmental Discharge)

Environment Protection License No. 1735

EPA ID No. 8

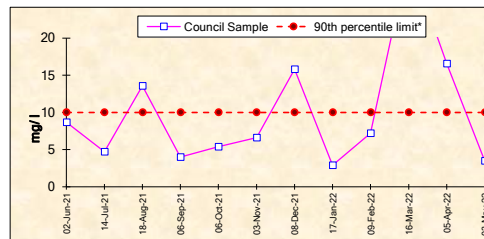
BOD

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	90th percentile limit*	Council Sample
Monthly	02-Jun-21	11-Jun-21	milligrams per litre	10	<2
Monthly	14-Jul-21	23-Jul-21	milligrams per litre	10	4
Monthly	18-Aug-21	26-Aug-21	milligrams per litre	10	2
Monthly	06-Sep-21	14-Sep-21	milligrams per litre	10	<2
Monthly	06-Oct-21	18-Oct-21	milligrams per litre	10	2
Monthly	03-Nov-21	11-Nov-21	milligrams per litre	10	<2
Monthly	08-Dec-21	16-Dec-21	milligrams per litre	10	3
Monthly	17-Jan-22	28-Jan-22	milligrams per litre	10	<2
Monthly	09-Feb-22	18-Feb-22	milligrams per litre	10	9
Monthly	16-Mar-22	24-Mar-22	milligrams per litre	10	16
Monthly	05-Apr-22	13-Apr-22	milligrams per litre	10	4
Monthly	03-May-22	11-May-22	milligrams per litre	10	2



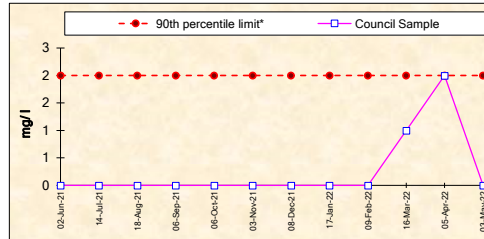
TOTAL NITROGEN

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	90th percentile limit*	Council Sample
Monthly	02-Jun-21	11-Jun-21	milligrams per litre	10	8.7
Monthly	14-Jul-21	23-Jul-21	milligrams per litre	10	4.7
Monthly	18-Aug-21	26-Aug-21	milligrams per litre	10	13.6
Monthly	06-Sep-21	14-Sep-21	milligrams per litre	10	4.0
Monthly	06-Oct-21	18-Oct-21	milligrams per litre	10	5.4
Monthly	03-Nov-21	11-Nov-21	milligrams per litre	10	6.6
Monthly	08-Dec-21	16-Dec-21	milligrams per litre	10	15.8
Monthly	17-Jan-22	28-Jan-22	milligrams per litre	10	2.9
Monthly	09-Feb-22	18-Feb-22	milligrams per litre	10	7.2
Monthly	16-Mar-22	24-Mar-22	milligrams per litre	10	31.0
Monthly	05-Apr-22	13-Apr-22	milligrams per litre	10	16.6
Monthly	03-May-22	11-May-22	milligrams per litre	10	3.5



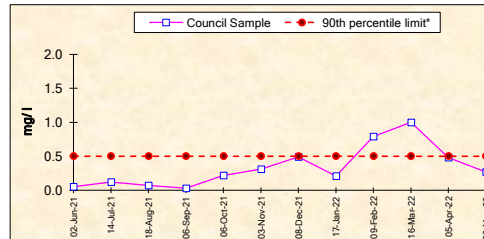
OIL AND GREASE

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	90th percentile limit*	Council Sample
Monthly	02-Jun-21	11-Jun-21	milligrams per litre	2	<1
Monthly	14-Jul-21	23-Jul-21	milligrams per litre	2	<1
Monthly	18-Aug-21	26-Aug-21	milligrams per litre	2	<1
Monthly	06-Sep-21	14-Sep-21	milligrams per litre	2	<1
Monthly	06-Oct-21	18-Oct-21	milligrams per litre	2	<1
Monthly	03-Nov-21	11-Nov-21	milligrams per litre	2	<1
Monthly	08-Dec-21	16-Dec-21	milligrams per litre	2	<1
Monthly	17-Jan-22	28-Jan-22	milligrams per litre	2	<1
Monthly	09-Feb-22	18-Feb-22	milligrams per litre	2	<1
Monthly	16-Mar-22	24-Mar-22	milligrams per litre	2	1
Monthly	05-Apr-22	13-Apr-22	milligrams per litre	2	2
Monthly	03-May-22	11-May-22	milligrams per litre	2	<1



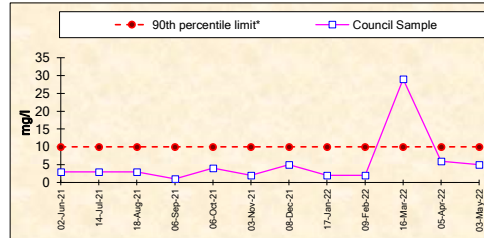
TOTAL PHOSPHORUS

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	90th percentile limit*	Council Sample
Monthly	02-Jun-21	11-Jun-21	milligrams per litre	0.5	0.05
Monthly	14-Jul-21	23-Jul-21	milligrams per litre	0.5	0.12
Monthly	18-Aug-21	26-Aug-21	milligrams per litre	0.5	0.07
Monthly	06-Sep-21	14-Sep-21	milligrams per litre	0.5	0.03
Monthly	06-Oct-21	18-Oct-21	milligrams per litre	0.5	0.22
Monthly	03-Nov-21	11-Nov-21	milligrams per litre	0.5	0.31
Monthly	08-Dec-21	16-Dec-21	milligrams per litre	0.5	0.49
Monthly	17-Jan-22	28-Jan-22	milligrams per litre	0.5	0.21
Monthly	09-Feb-22	18-Feb-22	milligrams per litre	0.5	0.79
Monthly	16-Mar-22	24-Mar-22	milligrams per litre	0.5	1.00
Monthly	05-Apr-22	13-Apr-22	milligrams per litre	0.5	0.48
Monthly	03-May-22	11-May-22	milligrams per litre	0.5	0.27



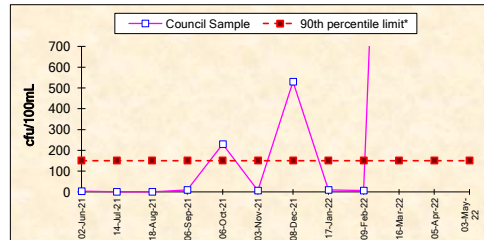
TOTAL SUSPENDED SOLIDS

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	90th percentile limit*	Council Sample
Monthly	02-Jun-21	11-Jun-21	milligrams per litre	10	3
Monthly	14-Jul-21	23-Jul-21	milligrams per litre	10	3
Monthly	18-Aug-21	26-Aug-21	milligrams per litre	10	3
Monthly	06-Sep-21	14-Sep-21	milligrams per litre	10	1
Monthly	06-Oct-21	18-Oct-21	milligrams per litre	10	4
Monthly	03-Nov-21	11-Nov-21	milligrams per litre	10	2
Monthly	08-Dec-21	16-Dec-21	milligrams per litre	10	5
Monthly	17-Jan-22	28-Jan-22	milligrams per litre	10	2
Monthly	09-Feb-22	18-Feb-22	milligrams per litre	10	2
Monthly	16-Mar-22	24-Mar-22	milligrams per litre	10	29
Monthly	05-Apr-22	13-Apr-22	milligrams per litre	10	6
Monthly	03-May-22	11-May-22	milligrams per litre	10	5



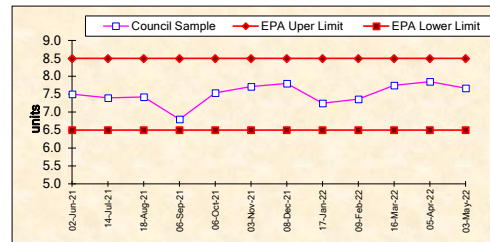
Faecal Coliforms

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	90th percentile limit*	Council Sample
Monthly	02-Jun-21	11-Jun-21	cfu/100mL	150	3
Monthly	14-Jul-21	23-Jul-21	cfu/100mL	150	1
Monthly	18-Aug-21	26-Aug-21	cfu/100mL	150	<1
Monthly	06-Sep-21	14-Sep-21	cfu/100mL	150	10
Monthly	06-Oct-21	18-Oct-21	cfu/100mL	150	230
Monthly	03-Nov-21	11-Nov-21	cfu/100mL	150	6
Monthly	08-Dec-21	16-Dec-21	cfu/100mL	150	530
Monthly	17-Jan-22	28-Jan-22	cfu/100mL	150	10
Monthly	09-Feb-22	18-Feb-22	cfu/100mL	150	6
Monthly	16-Mar-22	24-Mar-22	cfu/100mL	150	4300
Monthly	05-Apr-22	13-Apr-22	cfu/100mL	150	7000
Monthly	03-May-22	11-May-22	cfu/100mL	150	32000



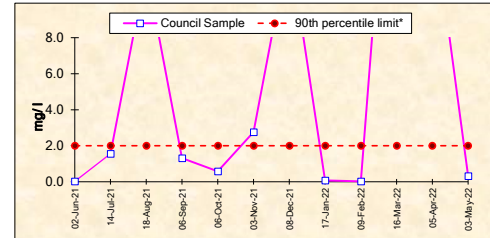
pH

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	100th percentile limit	Council Sample
Monthly	02-Jun-21	11-Jun-21	units	6.5 - 8.5	7.5
Monthly	14-Jul-21	23-Jul-21	units	6.5 - 8.5	7.4
Monthly	18-Aug-21	26-Aug-21	units	6.5 - 8.5	7.4
Monthly	06-Sep-21	14-Sep-21	units	6.5 - 8.5	6.8
Monthly	06-Oct-21	18-Oct-21	units	6.5 - 8.5	7.5
Monthly	03-Nov-21	11-Nov-21	units	6.5 - 8.5	7.7
Monthly	08-Dec-21	16-Dec-21	units	6.5 - 8.5	7.8
Monthly	17-Jan-22	28-Jan-22	units	6.5 - 8.5	7.3
Monthly	09-Feb-22	18-Feb-22	units	6.5 - 8.5	7.4
Monthly	16-Mar-22	24-Mar-22	units	6.5 - 8.5	7.8
Monthly	05-Apr-22	13-Apr-22	units	6.5 - 8.5	7.9
Monthly	03-May-22	11-May-22	units	6.5 - 8.5	7.7



AMMONIA NITROGEN

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	90th percentile limit*	Council Sample
Monthly	02-Jun-21	11-Jun-21	milligrams per litre	2	0.02
Monthly	14-Jul-21	23-Jul-21	milligrams per litre	2	1.56
Monthly	18-Aug-21	26-Aug-21	milligrams per litre	2	11.80
Monthly	06-Sep-21	14-Sep-21	milligrams per litre	2	1.32
Monthly	06-Oct-21	18-Oct-21	milligrams per litre	2	0.58
Monthly	03-Nov-21	11-Nov-21	milligrams per litre	2	2.76
Monthly	08-Dec-21	16-Dec-21	milligrams per litre	2	13.20
Monthly	17-Jan-22	28-Jan-22	milligrams per litre	2	0.07
Monthly	09-Feb-22	18-Feb-22	milligrams per litre	2	0.03
Monthly	16-Mar-22	24-Mar-22	milligrams per litre	2	25.50
Monthly	05-Apr-22	13-Apr-22	milligrams per litre	2	15.10
Monthly	03-May-22	11-May-22	milligrams per litre	2	0.31



* Note: 90th percentile limit compliance calculated on an annual basis

non-compliance notes: