



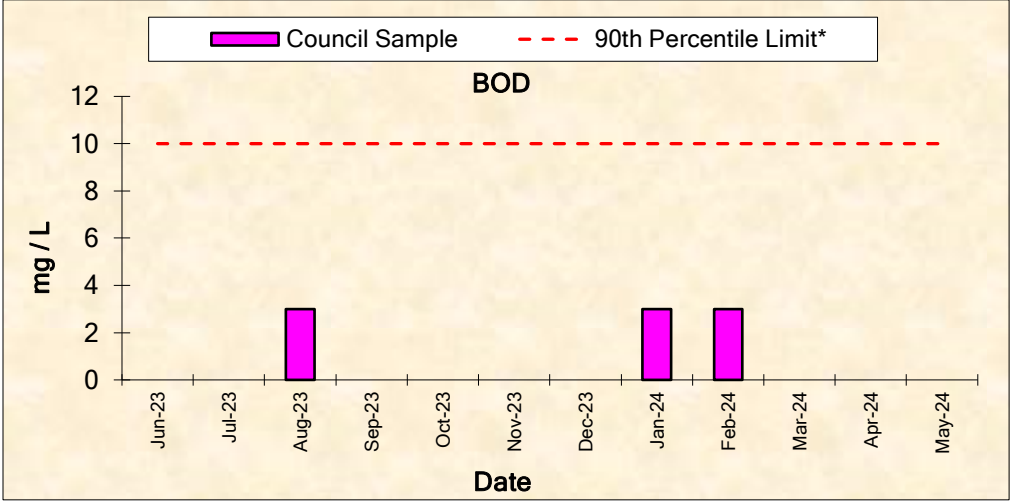
Nowra Wastewater Treatment Plant - Monitoring Summary

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

Environment Protection License No. 1735
EPA ID No. 8

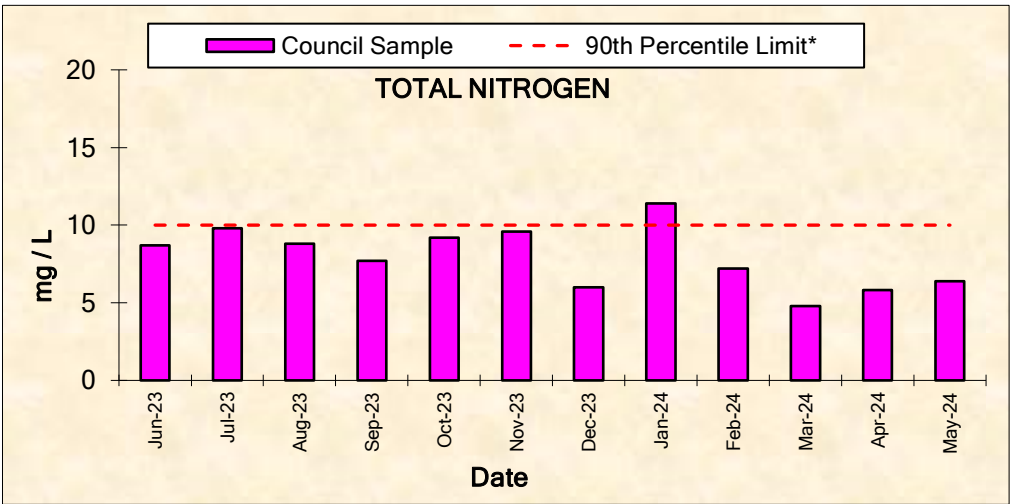
BOD

Frequency	Date Sample Obtained	Date Result Obtained	Unit of Measurement	90th Percentile Limit*	100th Percentile Limit*	Council Sample
Monthly	07-Jun-23	15-Jun-23	milligrams per litre (mg/L)	10	15	<2
Monthly	18-Jul-23	24-Jul-23	milligrams per litre (mg/L)	10	15	<2
Monthly	09-Aug-23	16-Aug-23	milligrams per litre (mg/L)	10	15	3
Monthly	06-Sep-23	13-Sep-23	milligrams per litre (mg/L)	10	15	<2
Monthly	04-Oct-23	11-Oct-23	milligrams per litre (mg/L)	10	15	<2
Monthly	01-Nov-23	08-Nov-23	milligrams per litre (mg/L)	10	15	<2
Monthly	13-Dec-23	22-Dec-23	milligrams per litre (mg/L)	10	15	<2
Monthly	23-Jan-24	31-Jan-24	milligrams per litre (mg/L)	10	15	3
Monthly	26-Feb-24	05-Mar-24	milligrams per litre (mg/L)	10	15	3
Monthly	13-Mar-24	21-Mar-24	milligrams per litre (mg/L)	10	15	<2
Monthly	17-Apr-24	26-Apr-24	milligrams per litre (mg/L)	10	15	<2
Monthly	01-May-24	09-May-24	milligrams per litre (mg/L)	10	15	<2



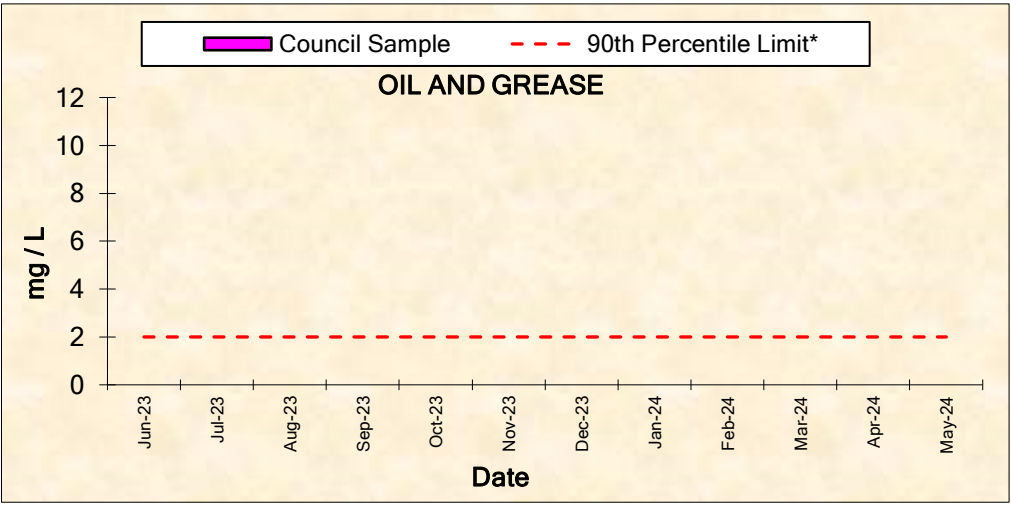
TOTAL NITROGEN

Frequency	Date Sample Obtained	Date Result Obtained	Unit of Measurement	90th Percentile Limit*	100th Percentile Limit*	Council Sample
Monthly	07-Jun-23	15-Jun-23	milligrams per litre (mg/L)	10	15	8.7
Monthly	18-Jul-23	24-Jul-23	milligrams per litre (mg/L)	10	15	9.8
Monthly	09-Aug-23	16-Aug-23	milligrams per litre (mg/L)	10	15	8.8
Monthly	06-Sep-23	13-Sep-23	milligrams per litre (mg/L)	10	15	7.7
Monthly	04-Oct-23	11-Oct-23	milligrams per litre (mg/L)	10	15	9.2
Monthly	01-Nov-23	08-Nov-23	milligrams per litre (mg/L)	10	15	9.6
Monthly	13-Dec-23	22-Dec-23	milligrams per litre (mg/L)	10	15	6.0
Monthly	23-Jan-24	31-Jan-24	milligrams per litre (mg/L)	10	15	11.4
Monthly	26-Feb-24	05-Mar-24	milligrams per litre (mg/L)	10	15	7.2
Monthly	13-Mar-24	21-Mar-24	milligrams per litre (mg/L)	10	15	4.8
Monthly	17-Apr-24	26-Apr-24	milligrams per litre (mg/L)	10	15	5.8
Monthly	01-May-24	09-May-24	milligrams per litre (mg/L)	10	15	6.4



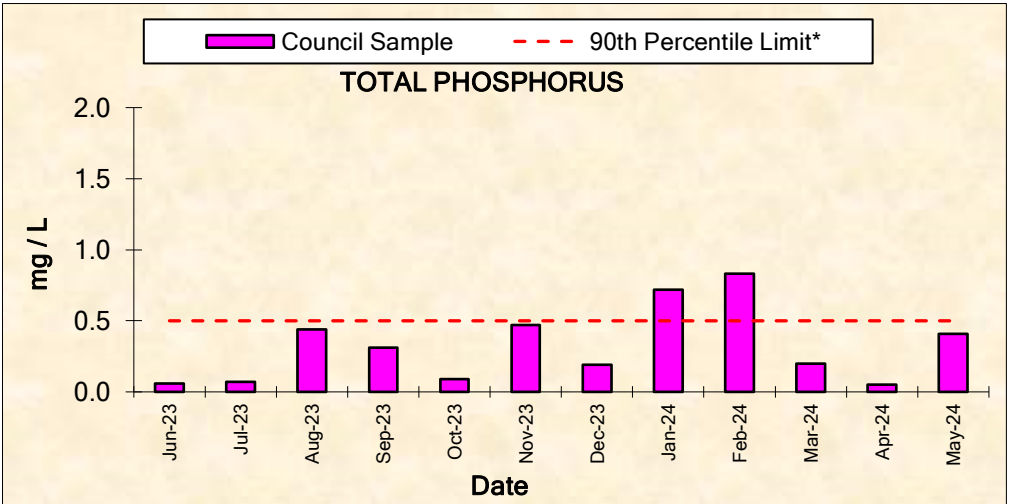
OIL AND GREASE

Frequency	Date Sample Obtained	Date Result Obtained	Unit of Measurement	90th Percentile Limit*	100th Percentile Limit*	Council Sample
Monthly	07-Jun-23	15-Jun-23	milligrams per litre (mg/L)	2	10	<1
Monthly	18-Jul-23	24-Jul-23	milligrams per litre (mg/L)	2	10	<1
Monthly	09-Aug-23	16-Aug-23	milligrams per litre (mg/L)	2	10	<1
Monthly	06-Sep-23	13-Sep-23	milligrams per litre (mg/L)	2	10	<1
Monthly	04-Oct-23	11-Oct-23	milligrams per litre (mg/L)	2	10	<1
Monthly	01-Nov-23	08-Nov-23	milligrams per litre (mg/L)	2	10	<1
Monthly	13-Dec-23	22-Dec-23	milligrams per litre (mg/L)	2	10	<1
Monthly	23-Jan-24	31-Jan-24	milligrams per litre (mg/L)	2	10	<1
Monthly	26-Feb-24	05-Mar-24	milligrams per litre (mg/L)	2	10	<1
Monthly	13-Mar-24	21-Mar-24	milligrams per litre (mg/L)	2	10	<1
Monthly	17-Apr-24	26-Apr-24	milligrams per litre (mg/L)	2	10	<1
Monthly	01-May-24	09-May-24	milligrams per litre (mg/L)	2	10	<1



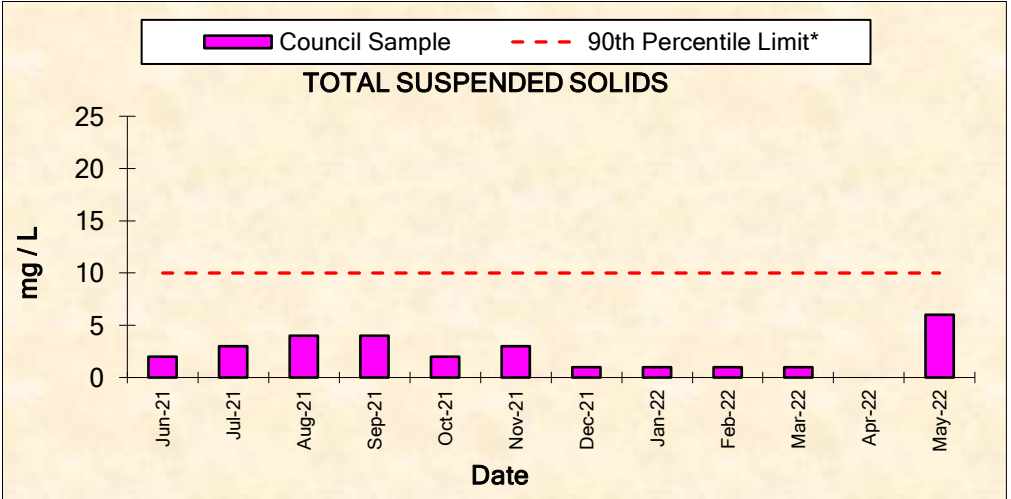
TOTAL PHOSPHORUS

Frequency	Date Sample Obtained	Date Result Obtained	Unit of Measurement	90th Percentile Limit*	100th Percentile Limit*	Council Sample
Monthly	07-Jun-23	15-Jun-23	milligrams per litre (mg/L)	0.5	1.0	0.06
Monthly	18-Jul-23	24-Jul-23	milligrams per litre (mg/L)	0.5	1.0	0.07
Monthly	09-Aug-23	16-Aug-23	milligrams per litre (mg/L)	0.5	1.0	0.44
Monthly	06-Sep-23	13-Sep-23	milligrams per litre (mg/L)	0.5	1.0	0.31
Monthly	04-Oct-23	11-Oct-23	milligrams per litre (mg/L)	0.5	1.0	0.09
Monthly	01-Nov-23	08-Nov-23	milligrams per litre (mg/L)	0.5	1.0	0.47
Monthly	13-Dec-23	22-Dec-23	milligrams per litre (mg/L)	0.5	1.0	0.19
Monthly	23-Jan-24	31-Jan-24	milligrams per litre (mg/L)	0.5	1.0	0.72
Monthly	26-Feb-24	05-Mar-24	milligrams per litre (mg/L)	0.5	1.0	0.83
Monthly	13-Mar-24	21-Mar-24	milligrams per litre (mg/L)	0.5	1.0	0.20
Monthly	17-Apr-24	26-Apr-24	milligrams per litre (mg/L)	0.5	1.0	0.05
Monthly	01-May-24	09-May-24	milligrams per litre (mg/L)	0.5	1.0	0.41



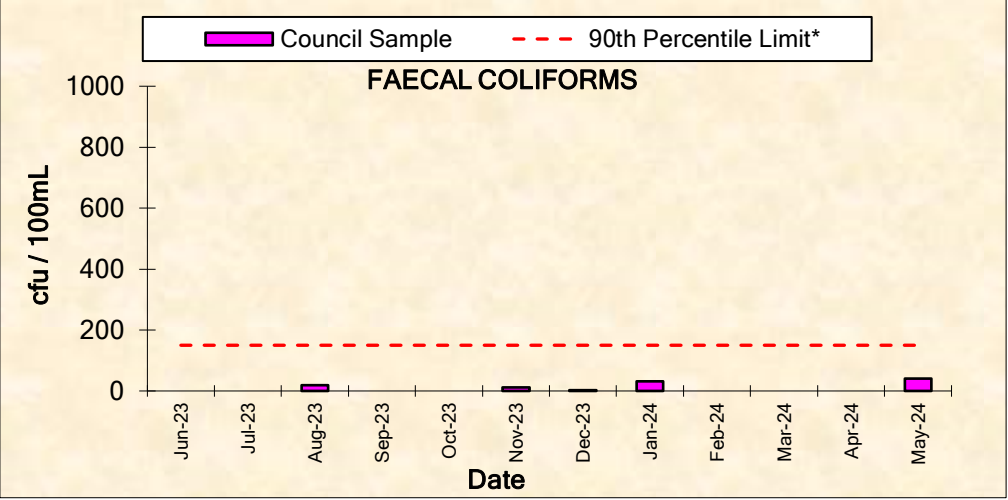
TOTAL SUSPENDED SOLIDS

Frequency	Date Sample Obtained	Date Result Obtained	Unit of Measurement	90th Percentile Limit*	100th Percentile Limit*	Council Sample
Monthly	07-Jun-23	15-Jun-23	milligrams per litre (mg/L)	10	20	2
Monthly	18-Jul-23	24-Jul-23	milligrams per litre (mg/L)	10	20	3
Monthly	09-Aug-23	16-Aug-23	milligrams per litre (mg/L)	10	20	4
Monthly	06-Sep-23	13-Sep-23	milligrams per litre (mg/L)	10	20	4
Monthly	04-Oct-23	11-Oct-23	milligrams per litre (mg/L)	10	20	2
Monthly	01-Nov-23	08-Nov-23	milligrams per litre (mg/L)	10	20	3
Monthly	13-Dec-23	22-Dec-23	milligrams per litre (mg/L)	10	20	1
Monthly	23-Jan-24	31-Jan-24	milligrams per litre (mg/L)	10	20	1
Monthly	26-Feb-24	05-Mar-24	milligrams per litre (mg/L)	10	20	1
Monthly	13-Mar-24	21-Mar-24	milligrams per litre (mg/L)	10	20	1
Monthly	17-Apr-24	26-Apr-24	milligrams per litre (mg/L)	10	20	<1
Monthly	01-May-24	09-May-24	milligrams per litre (mg/L)	10	20	6



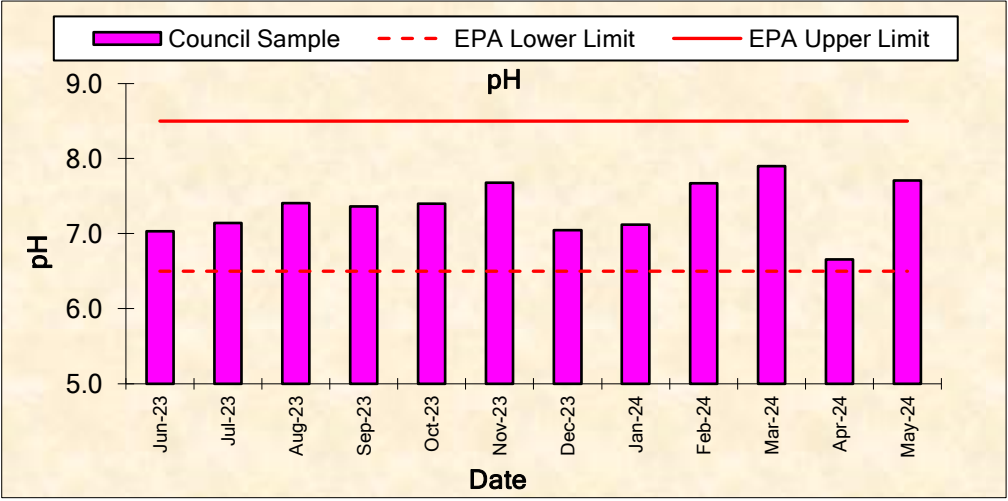
FAECAL COLIFORMS

Frequency	Date Sample Obtained	Date Result Obtained	Unit of Measurement	90th Percentile Limit*	100th Percentile Limit*	Council Sample
Monthly	07-Jun-23	15-Jun-23	colony forming units per 100 millilitres (cfu/100mL)	150	500	~1
Monthly	18-Jul-23	24-Jul-23	colony forming units per 100 millilitres (cfu/100mL)	150	500	~8
Monthly	09-Aug-23	16-Aug-23	colony forming units per 100 millilitres (cfu/100mL)	150	500	18
Monthly	06-Sep-23	13-Sep-23	colony forming units per 100 millilitres (cfu/100mL)	150	500	~1
Monthly	04-Oct-23	11-Oct-23	colony forming units per 100 millilitres (cfu/100mL)	150	500	<1
Monthly	01-Nov-23	08-Nov-23	colony forming units per 100 millilitres (cfu/100mL)	150	500	12
Monthly	13-Dec-23	22-Dec-23	colony forming units per 100 millilitres (cfu/100mL)	150	500	3
Monthly	23-Jan-24	31-Jan-24	colony forming units per 100 millilitres (cfu/100mL)	150	500	32
Monthly	26-Feb-24	05-Mar-24	colony forming units per 100 millilitres (cfu/100mL)	150	500	~1
Monthly	13-Mar-24	21-Mar-24	colony forming units per 100 millilitres (cfu/100mL)	150	500	<1
Monthly	17-Apr-24	26-Apr-24	colony forming units per 100 millilitres (cfu/100mL)	150	500	~1
Monthly	22-May-24	23-May-24	colony forming units per 100 millilitres (cfu/100mL)	150	500	40



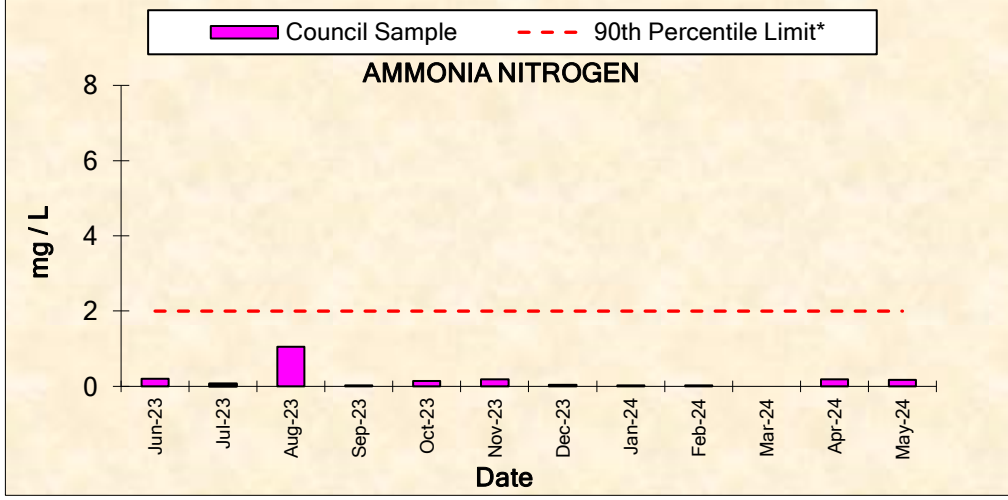
pH

Frequency	Date Sample Obtained	Date Result Obtained	Unit of Measurement	100th Percentile Limit	Council Sample
Monthly	07-Jun-23	15-Jun-23	pH	6.5 - 8.5	7.0
Monthly	18-Jul-23	24-Jul-23	pH	6.5 - 8.5	7.1
Monthly	09-Aug-23	16-Aug-23	pH	6.5 - 8.5	7.4
Monthly	06-Sep-23	13-Sep-23	pH	6.5 - 8.5	7.4
Monthly	04-Oct-23	11-Oct-23	pH	6.5 - 8.5	7.4
Monthly	01-Nov-23	08-Nov-23	pH	6.5 - 8.5	7.7
Monthly	13-Dec-23	22-Dec-23	pH	6.5 - 8.5	7.1
Monthly	23-Jan-24	31-Jan-24	pH	6.5 - 8.5	7.1
Monthly	26-Feb-24	05-Mar-24	pH	6.5 - 8.5	7.7
Monthly	13-Mar-24	21-Mar-24	pH	6.5 - 8.5	7.9
Monthly	17-Apr-24	26-Apr-24	pH	6.5 - 8.5	6.7
Monthly	01-May-24	09-May-24	pH	6.5 - 8.5	7.7



AMMONIA NITROGEN

Frequency	Date Sample Obtained	Date Result Obtained	Unit of Measurement	90th Percentile Limit*	100th Percentile Limit*	Council Sample
Monthly	07-Jun-23	15-Jun-23	milligrams per litre (mg/L)	2	5	0.20
Monthly	18-Jul-23	24-Jul-23	milligrams per litre (mg/L)	2	5	0.07
Monthly	09-Aug-23	16-Aug-23	milligrams per litre (mg/L)	2	5	1.06
Monthly	06-Sep-23	13-Sep-23	milligrams per litre (mg/L)	2	5	0.03
Monthly	04-Oct-23	11-Oct-23	milligrams per litre (mg/L)	2	5	0.15
Monthly	01-Nov-23	08-Nov-23	milligrams per litre (mg/L)	2	5	0.19
Monthly	13-Dec-23	22-Dec-23	milligrams per litre (mg/L)	2	5	0.04
Monthly	23-Jan-24	31-Jan-24	milligrams per litre (mg/L)	2	5	0.02
Monthly	26-Feb-24	05-Mar-24	milligrams per litre (mg/L)	2	5	0.03
Monthly	13-Mar-24	21-Mar-24	milligrams per litre (mg/L)	2	5	<0.01
Monthly	17-Apr-24	26-Apr-24	milligrams per litre (mg/L)	2	5	0.19
Monthly	01-May-24	09-May-24	milligrams per litre (mg/L)	2	5	0.18



* Note: 90th and 100th percentile limit compliance calculated on an annual basis

non-compliance notes: