

Sussex Inlet Wastewater Treatment Plant - Monitoring Summary

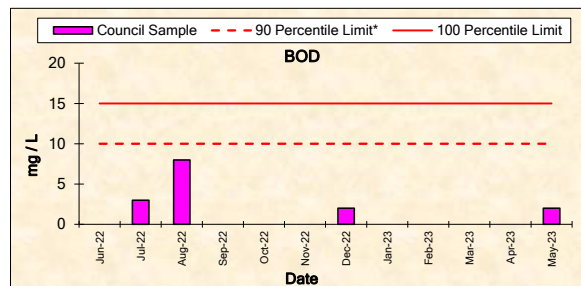
Licensee: Shoalhaven City Council, Shoalhaven Water, PO Box 42 Nowra 2541

Environment Protection License No. 3936

EPA ID No. 3

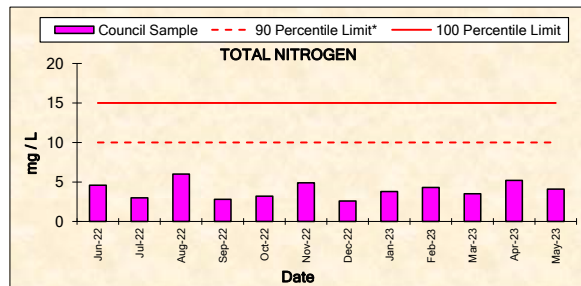
BOD

Frequency	Date Sample Obtained	Date Result Obtained	Unit of Measurement	90 Percentile Limit*	100 Percentile Limit	Council Sample
Monthly	01-Jun-22	09-Jun-22	milligrams per litre (mg/L)	10	15	<2
Monthly	13-Jul-22	21-Jul-22	milligrams per litre (mg/L)	10	15	3
Monthly	03-Aug-22	11-Aug-22	milligrams per litre (mg/L)	10	15	8
Monthly	07-Sep-22	15-Sep-22	milligrams per litre (mg/L)	10	15	<2
Monthly	05-Oct-22	13-Oct-22	milligrams per litre (mg/L)	10	15	<2
Monthly	02-Nov-22	15-Nov-22	milligrams per litre (mg/L)	10	15	<2
Monthly	14-Dec-22	22-Dec-22	milligrams per litre (mg/L)	10	15	2
Monthly	11-Jan-23	19-Jan-23	milligrams per litre (mg/L)	10	15	<2
Monthly	01-Feb-23	09-Feb-23	milligrams per litre (mg/L)	10	15	<2
Monthly	01-Mar-23	09-Mar-23	milligrams per litre (mg/L)	10	15	<2
Monthly	05-Apr-23	17-Apr-23	milligrams per litre (mg/L)	10	15	<2
Monthly	03-May-23	10-May-23	milligrams per litre (mg/L)	10	15	2



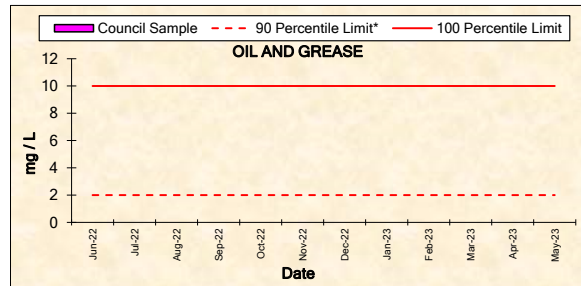
TOTAL NITROGEN

Frequency	Date Sample Obtained	Date Result Obtained	Unit of Measurement	90 Percentile Limit*	100 Percentile Limit	Council Sample
Monthly	01-Jun-22	09-Jun-22	milligrams per litre (mg/L)	10	15	4.6
Monthly	13-Jul-22	21-Jul-22	milligrams per litre (mg/L)	10	15	3.0
Monthly	03-Aug-22	11-Aug-22	milligrams per litre (mg/L)	10	15	6.0
Monthly	07-Sep-22	15-Sep-22	milligrams per litre (mg/L)	10	15	2.8
Monthly	05-Oct-22	13-Oct-22	milligrams per litre (mg/L)	10	15	3.2
Monthly	02-Nov-22	15-Nov-22	milligrams per litre (mg/L)	10	15	4.9
Monthly	14-Dec-22	22-Dec-22	milligrams per litre (mg/L)	10	15	2.6
Monthly	11-Jan-23	19-Jan-23	milligrams per litre (mg/L)	10	15	3.8
Monthly	01-Feb-23	09-Feb-23	milligrams per litre (mg/L)	10	15	4.3
Monthly	01-Mar-23	09-Mar-23	milligrams per litre (mg/L)	10	15	3.5
Monthly	05-Apr-23	17-Apr-23	milligrams per litre (mg/L)	10	15	5.2
Monthly	03-May-23	10-May-23	milligrams per litre (mg/L)	10	15	4.1



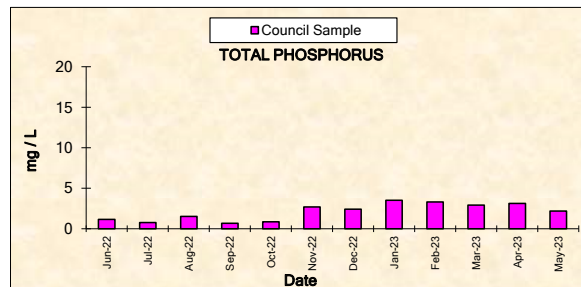
OIL AND GREASE

Frequency	Date Sample Obtained	Date Result Obtained	Unit of Measurement	90 Percentile Limit*	100 Percentile Limit	Council Sample
Monthly	01-Jun-22	09-Jun-22	milligrams per litre (mg/L)	2	10	<1
Monthly	13-Jul-22	21-Jul-22	milligrams per litre (mg/L)	2	10	<1
Monthly	03-Aug-22	11-Aug-22	milligrams per litre (mg/L)	2	10	<1
Monthly	07-Sep-22	15-Sep-22	milligrams per litre (mg/L)	2	10	<1
Monthly	05-Oct-22	13-Oct-22	milligrams per litre (mg/L)	2	10	<1
Monthly	02-Nov-22	15-Nov-22	milligrams per litre (mg/L)	2	10	<1
Monthly	14-Dec-22	22-Dec-22	milligrams per litre (mg/L)	2	10	<1
Monthly	11-Jan-23	19-Jan-23	milligrams per litre (mg/L)	2	10	<1
Monthly	01-Feb-23	09-Feb-23	milligrams per litre (mg/L)	2	10	<1
Monthly	01-Mar-23	09-Mar-23	milligrams per litre (mg/L)	2	10	<1
Monthly	05-Apr-23	17-Apr-23	milligrams per litre (mg/L)	2	10	<1
Monthly	03-May-23	10-May-23	milligrams per litre (mg/L)	2	10	<1



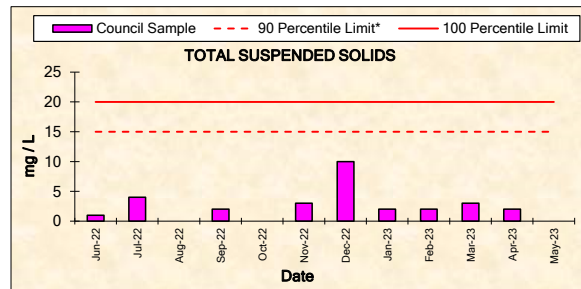
TOTAL PHOSPHORUS

Frequency	Date Sample Obtained	Date Result Obtained	Unit of Measurement	EPA Limit	Council Sample
Monthly	01-Jun-22	09-Jun-22	milligrams per litre (mg/L)	MONITORING	1.15
Monthly	13-Jul-22	21-Jul-22	milligrams per litre (mg/L)		0.76
Monthly	03-Aug-22	11-Aug-22	milligrams per litre (mg/L)		1.52
Monthly	07-Sep-22	15-Sep-22	milligrams per litre (mg/L)		0.68
Monthly	05-Oct-22	13-Oct-22	milligrams per litre (mg/L)		0.86
Monthly	02-Nov-22	15-Nov-22	milligrams per litre (mg/L)		2.70
Monthly	14-Dec-22	22-Dec-22	milligrams per litre (mg/L)	CONDITION	2.41
Monthly	11-Jan-23	19-Jan-23	milligrams per litre (mg/L)		3.52
Monthly	01-Feb-23	09-Feb-23	milligrams per litre (mg/L)		3.31
Monthly	01-Mar-23	09-Mar-23	milligrams per litre (mg/L)		2.93
Monthly	05-Apr-23	17-Apr-23	milligrams per litre (mg/L)		3.13
Monthly	03-May-23	10-May-23	milligrams per litre (mg/L)		2.19



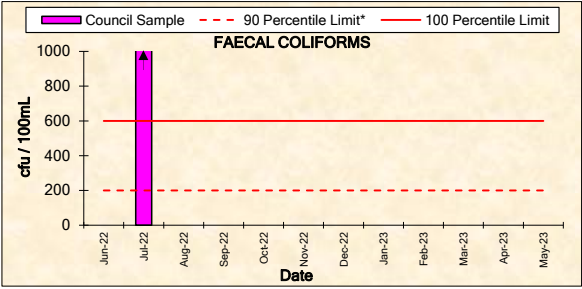
TOTAL SUSPENDED SOLIDS

Frequency	Date Sample Obtained	Date Result Obtained	Unit of Measurement	90 Percentile Limit*	100 Percentile Limit	Council Sample
Monthly	01-Jun-22	09-Jun-22	milligrams per litre (mg/L)	15	20	1
Monthly	13-Jul-22	21-Jul-22	milligrams per litre (mg/L)	15	20	4
Monthly	03-Aug-22	11-Aug-22	milligrams per litre (mg/L)	15	20	<1
Monthly	07-Sep-22	15-Sep-22	milligrams per litre (mg/L)	15	20	2
Monthly	05-Oct-22	13-Oct-22	milligrams per litre (mg/L)	15	20	<1
Monthly	02-Nov-22	15-Nov-22	milligrams per litre (mg/L)	15	20	3
Monthly	14-Dec-22	22-Dec-22	milligrams per litre (mg/L)	15	20	10
Monthly	11-Jan-23	19-Jan-23	milligrams per litre (mg/L)	15	20	2
Monthly	01-Feb-23	09-Feb-23	milligrams per litre (mg/L)	15	20	2
Monthly	01-Mar-23	09-Mar-23	milligrams per litre (mg/L)	15	20	3
Monthly	05-Apr-23	17-Apr-23	milligrams per litre (mg/L)	15	20	2
Monthly	03-May-23	10-May-23	milligrams per litre (mg/L)	15	20	<1



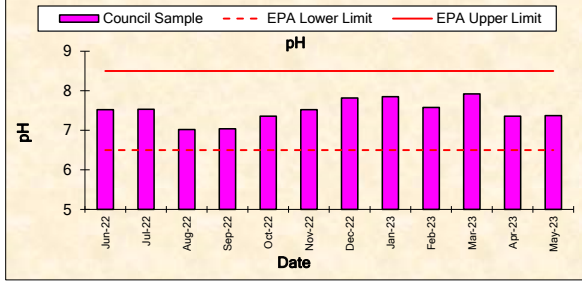
FAECAL COLIFORMS

Frequency	Date Sample Obtained	Date Result Obtained	Unit of Measurement	90 Percentile Limit*	100 Percentile Limit	Council Sample
Monthly	01-Jun-22	09-Jun-22	colony forming units per 100 millilitres (cfu/100mL)	200	600	<1
Monthly	13-Jul-22	21-Jul-22	colony forming units per 100 millilitres (cfu/100mL)	200	600	1600
Monthly	03-Aug-22	11-Aug-22	colony forming units per 100 millilitres (cfu/100mL)	200	600	<1
Monthly	07-Sep-22	15-Sep-22	colony forming units per 100 millilitres (cfu/100mL)	200	600	<1
Monthly	05-Oct-22	13-Oct-22	colony forming units per 100 millilitres (cfu/100mL)	200	600	<1
Monthly	02-Nov-22	15-Nov-22	colony forming units per 100 millilitres (cfu/100mL)	200	600	<1
Monthly	14-Dec-22	22-Dec-22	colony forming units per 100 millilitres (cfu/100mL)	200	600	<1
Monthly	11-Jan-23	19-Jan-23	colony forming units per 100 millilitres (cfu/100mL)	200	600	<1
Monthly	01-Feb-23	09-Feb-23	colony forming units per 100 millilitres (cfu/100mL)	200	600	<1
Monthly	01-Mar-23	09-Mar-23	colony forming units per 100 millilitres (cfu/100mL)	200	600	<1
Monthly	05-Apr-23	17-Apr-23	colony forming units per 100 millilitres (cfu/100mL)	200	600	<2
Monthly	03-May-23	10-May-23	colony forming units per 100 millilitres (cfu/100mL)	200	600	<1



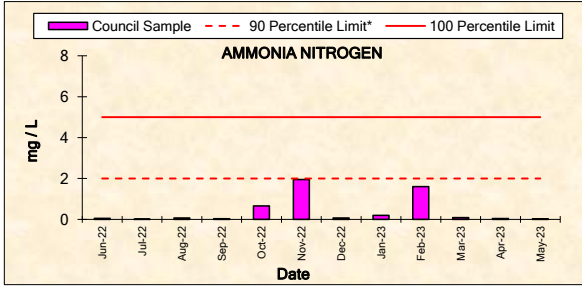
pH

Frequency	Date Sample Obtained	Date Result Obtained	Unit of Measurement		100 Percentile Limit	Council Sample
Monthly	01-Jun-22	09-Jun-22	pH		6.5-8.5	7.5
Monthly	13-Jul-22	21-Jul-22	pH		6.5-8.5	7.5
Monthly	03-Aug-22	11-Aug-22	pH		6.5-8.5	7.0
Monthly	07-Sep-22	15-Sep-22	pH		6.5-8.5	7.0
Monthly	05-Oct-22	13-Oct-22	pH		6.5-8.5	7.4
Monthly	02-Nov-22	15-Nov-22	pH		6.5-8.5	7.5
Monthly	14-Dec-22	22-Dec-22	pH		6.5-8.5	7.8
Monthly	11-Jan-23	19-Jan-23	pH		6.5-8.5	7.9
Monthly	01-Feb-23	09-Feb-23	pH		6.5-8.5	7.6
Monthly	01-Mar-23	09-Mar-23	pH		6.5-8.5	7.9
Monthly	05-Apr-23	17-Apr-23	pH		6.5-8.5	7.4
Monthly	03-May-23	10-May-23	pH		6.5-8.5	7.4



AMMONIA NITROGEN

Frequency	Date Sample Obtained	Date Result Obtained	Unit of Measurement	90 Percentile Limit*	100 Percentile Limit	Council Sample
Monthly	01-Jun-22	09-Jun-22	milligrams per litre (mg/L)	2	5	0.05
Monthly	13-Jul-22	21-Jul-22	milligrams per litre (mg/L)	2	5	0.01
Monthly	03-Aug-22	11-Aug-22	milligrams per litre (mg/L)	2	5	0.07
Monthly	07-Sep-22	15-Sep-22	milligrams per litre (mg/L)	2	5	0.03
Monthly	05-Oct-22	13-Oct-22	milligrams per litre (mg/L)	2	5	0.66
Monthly	02-Nov-22	15-Nov-22	milligrams per litre (mg/L)	2	5	1.95
Monthly	14-Dec-22	22-Dec-22	milligrams per litre (mg/L)	2	5	0.07
Monthly	11-Jan-23	19-Jan-23	milligrams per litre (mg/L)	2	5	0.20
Monthly	01-Feb-23	09-Feb-23	milligrams per litre (mg/L)	2	5	1.60
Monthly	01-Mar-23	09-Mar-23	milligrams per litre (mg/L)	2	5	0.09
Monthly	05-Apr-23	17-Apr-23	milligrams per litre (mg/L)	2	5	0.04
Monthly	03-May-23	10-May-23	milligrams per litre (mg/L)	2	5	0.02



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

non-compliance notes: