

Shoalhaven Heads Wastewater Treatment Plant - Monitoring Summary

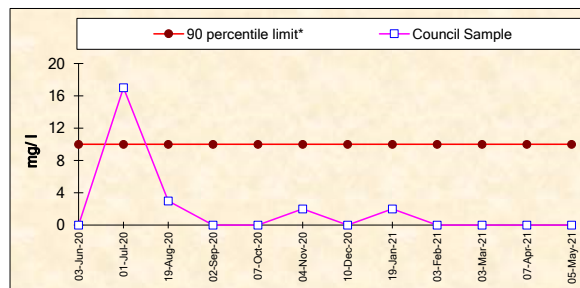
Licensee: Shoalhaven City Council, Shoalhaven Water, PO Box 42 Nowra 2541

Environment Protection License No. 4128

EPA ID No. 3

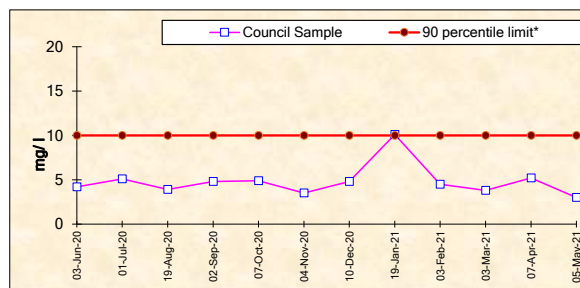
BOD

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	90 percentile limit*	Council Sample
Monthly	03-Jun-20	15-Jun-20	milligrams per litre	10	<2
Monthly	01-Jul-20	13-Jul-20	milligrams per litre	10	17
Monthly	19-Aug-20	27-Aug-20	milligrams per litre	10	3
Monthly	02-Sep-20	11-Sep-20	milligrams per litre	10	<2
Monthly	07-Oct-20	16-Oct-20	milligrams per litre	10	<2
Monthly	04-Nov-20	13-Nov-20	milligrams per litre	10	2
Monthly	10-Dec-20	18-Dec-20	milligrams per litre	10	<2
Monthly	19-Jan-21	28-Jan-21	milligrams per litre	10	2
Monthly	03-Feb-21	12-Feb-21	milligrams per litre	10	<2
Monthly	03-Mar-21	11-Mar-21	milligrams per litre	10	<2
Monthly	07-Apr-21	16-Apr-21	milligrams per litre	10	<2
Monthly	05-May-21	14-May-21	milligrams per litre	10	<2



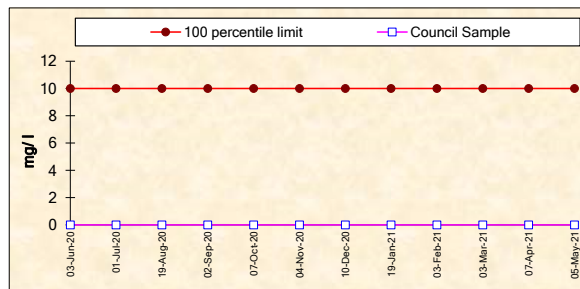
TOTAL NITROGEN

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	90 percentile limit*	Council Sample
Monthly	03-Jun-20	15-Jun-20	milligrams per litre	10	4.2
Monthly	01-Jul-20	13-Jul-20	milligrams per litre	10	5.1
Monthly	19-Aug-20	27-Aug-20	milligrams per litre	10	3.9
Monthly	02-Sep-20	11-Sep-20	milligrams per litre	10	4.8
Monthly	07-Oct-20	16-Oct-20	milligrams per litre	10	4.9
Monthly	04-Nov-20	13-Nov-20	milligrams per litre	10	3.5
Monthly	10-Dec-20	18-Dec-20	milligrams per litre	10	4.8
Monthly	19-Jan-21	28-Jan-21	milligrams per litre	10	10.1
Monthly	03-Feb-21	12-Feb-21	milligrams per litre	10	4.5
Monthly	03-Mar-21	11-Mar-21	milligrams per litre	10	3.8
Monthly	07-Apr-21	16-Apr-21	milligrams per litre	10	5.2
Monthly	05-May-21	14-May-21	milligrams per litre	10	3.0



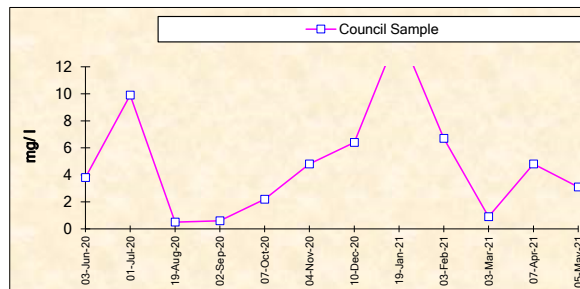
OIL AND GREASE

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	100 percentile limit	Council Sample
Monthly	03-Jun-20	15-Jun-20	milligrams per litre	10	<1
Monthly	01-Jul-20	13-Jul-20	milligrams per litre	10	<1
Monthly	19-Aug-20	27-Aug-20	milligrams per litre	10	<1
Monthly	02-Sep-20	11-Sep-20	milligrams per litre	10	<1
Monthly	07-Oct-20	16-Oct-20	milligrams per litre	10	<1
Monthly	04-Nov-20	13-Nov-20	milligrams per litre	10	<1
Monthly	10-Dec-20	18-Dec-20	milligrams per litre	10	<1
Monthly	19-Jan-21	28-Jan-21	milligrams per litre	10	<1
Monthly	03-Feb-21	12-Feb-21	milligrams per litre	10	<1
Monthly	03-Mar-21	11-Mar-21	milligrams per litre	10	<1
Monthly	07-Apr-21	16-Apr-21	milligrams per litre	10	<1
Monthly	05-May-21	14-May-21	milligrams per litre	10	<1



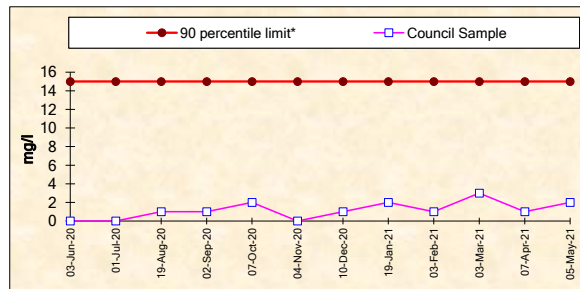
TOTAL PHOSPHORUS

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	EPA Limit	Council Sample
Monthly	03-Jun-20	15-Jun-20	milligrams per litre	MONITORING	3.8
Monthly	01-Jul-20	13-Jul-20	milligrams per litre		9.9
Monthly	19-Aug-20	27-Aug-20	milligrams per litre		0.5
Monthly	02-Sep-20	11-Sep-20	milligrams per litre		0.6
Monthly	07-Oct-20	16-Oct-20	milligrams per litre		2.2
Monthly	04-Nov-20	13-Nov-20	milligrams per litre		4.8
Monthly	10-Dec-20	18-Dec-20	milligrams per litre		6.4
Monthly	19-Jan-21	28-Jan-21	milligrams per litre		14.6
Monthly	03-Feb-21	12-Feb-21	milligrams per litre		6.7
Monthly	03-Mar-21	11-Mar-21	milligrams per litre		0.9
Monthly	07-Apr-21	16-Apr-21	milligrams per litre		4.8
Monthly	05-May-21	14-May-21	milligrams per litre	CONDITION	3.1



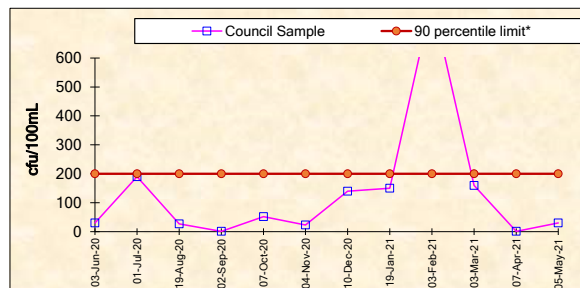
TOTAL SUSPENDED SOLIDS

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	90 percentile limit*	Council Sample
Monthly	03-Jun-20	15-Jun-20	milligrams per litre	15	<1
Monthly	01-Jul-20	13-Jul-20	milligrams per litre	15	<1
Monthly	19-Aug-20	27-Aug-20	milligrams per litre	15	1
Monthly	02-Sep-20	11-Sep-20	milligrams per litre	15	1
Monthly	07-Oct-20	16-Oct-20	milligrams per litre	15	2
Monthly	04-Nov-20	13-Nov-20	milligrams per litre	15	<1
Monthly	10-Dec-20	18-Dec-20	milligrams per litre	15	1
Monthly	19-Jan-21	28-Jan-21	milligrams per litre	15	2
Monthly	03-Feb-21	12-Feb-21	milligrams per litre	15	1
Monthly	03-Mar-21	11-Mar-21	milligrams per litre	15	3
Monthly	07-Apr-21	16-Apr-21	milligrams per litre	15	1
Monthly	05-May-21	14-May-21	milligrams per litre	15	2



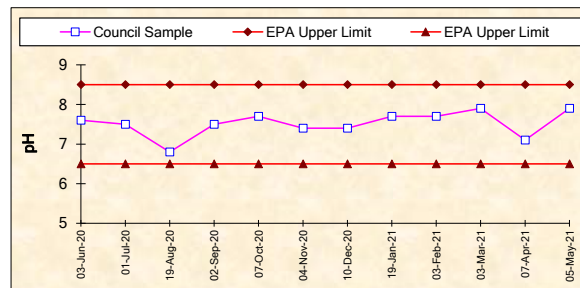
FAECAL COLIFORMS

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	90 percentile limit*	Council Sample
Monthly	03-Jun-20	15-Jun-20	colony forming units per 100 millilitres	200	30
Monthly	01-Jul-20	13-Jul-20	colony forming units per 100 millilitres	200	190
Monthly	19-Aug-20	27-Aug-20	colony forming units per 100 millilitres	200	27
Monthly	02-Sep-20	11-Sep-20	colony forming units per 100 millilitres	200	1
Monthly	07-Oct-20	16-Oct-20	colony forming units per 100 millilitres	200	52
Monthly	04-Nov-20	13-Nov-20	colony forming units per 100 millilitres	200	23
Monthly	10-Dec-20	18-Dec-20	colony forming units per 100 millilitres	200	140
Monthly	19-Jan-21	28-Jan-21	colony forming units per 100 millilitres	200	150
Monthly	03-Feb-21	12-Feb-21	colony forming units per 100 millilitres	200	800
Monthly	03-Mar-21	11-Mar-21	colony forming units per 100 millilitres	200	160
Monthly	07-Apr-21	16-Apr-21	colony forming units per 100 millilitres	200	1
Monthly	05-May-21	14-May-21	colony forming units per 100 millilitres	200	30



pH

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	100 percentile limit	Council Sample
Monthly	03-Jun-20	15-Jun-20	pH	6.5-8.5	7.6
Monthly	01-Jul-20	13-Jul-20	pH	6.5-8.5	7.5
Monthly	19-Aug-20	27-Aug-20	pH	6.5-8.5	6.8
Monthly	02-Sep-20	11-Sep-20	pH	6.5-8.5	7.5
Monthly	07-Oct-20	16-Oct-20	pH	6.5-8.5	7.7
Monthly	04-Nov-20	13-Nov-20	pH	6.5-8.5	7.4
Monthly	10-Dec-20	18-Dec-20	pH	6.5-8.5	7.4
Monthly	19-Jan-21	28-Jan-21	pH	6.5-8.5	7.7
Monthly	03-Feb-21	12-Feb-21	pH	6.5-8.5	7.7
Monthly	03-Mar-21	11-Mar-21	pH	6.5-8.5	7.9
Monthly	07-Apr-21	16-Apr-21	pH	6.5-8.5	7.1
Monthly	05-May-21	14-May-21	pH	6.5-8.5	7.9



AMMONIA NITROGEN

Frequency	Date Sample Obtained	Date Result Obtained	Unit Of Measurement	90 percentile limit*	Council Sample
Monthly	03-Jun-20	15-Jun-20	milligrams per litre	2	0.27
Monthly	01-Jul-20	13-Jul-20	milligrams per litre	2	0.34
Monthly	19-Aug-20	27-Aug-20	milligrams per litre	2	0.44
Monthly	02-Sep-20	11-Sep-20	milligrams per litre	2	0.46
Monthly	07-Oct-20	16-Oct-20	milligrams per litre	2	1.86
Monthly	04-Nov-20	13-Nov-20	milligrams per litre	2	0.15
Monthly	10-Dec-20	18-Dec-20	milligrams per litre	2	0.17
Monthly	19-Jan-21	28-Jan-21	milligrams per litre	2	1.97
Monthly	03-Feb-21	12-Feb-21	milligrams per litre	2	0.17
Monthly	03-Mar-21	11-Mar-21	milligrams per litre	2	0.24
Monthly	07-Apr-21	16-Apr-21	milligrams per litre	2	0.28
Monthly	05-May-21	14-May-21	milligrams per litre	2	0.17

