



Inverell Sewage Treatment Plant

Sampling Point: Discharge Point	EPL No. 718
Licence Period 1 December 2014 to 30 November 2015	Licensee: Inverell Shire Council
http://www.environment.nsw.gov.au/prpoeoapp/Detail.aspx?instid=718&id=718&option=licence&searchchange=licence&range=POEO licence&prp=no&status=Issued	144 Otho Street, Inverell
	Monitoring Frequency - Monthly

		Quantity	Measurement	Limit	Units
Sampled	2/12/2014	Oil and Grease	<2	10	mg/L
Reported	12/12/2014	pH	8.3	6.5-8.5	-
Published	16/12/2014	BOD	4	20	mg/L
		Suspended Solids	28	30	mg/L
		Conductivity	624	-	µS/cm
		Faecal Coliforms	11300	-	cfu/100ml
		Nitrate + Nitrite	1.15	-	mg/L
		Nitrogen (ammonia)	0.22	-	mg/L
		Phosphorus (total)	6.5	-	mg/L
		Total Kjeldhal Nitrogen	1.95	-	mg/L

		Quantity	Measurement	Limit	Units
Sampled	6/01/2015	Oil and Grease	<2	10	mg/L
Reported	14/01/2015	pH	8.1	6.5-8.5	-
Published	16/01/2015	BOD	4	20	mg/L
		Suspended Solids	26	30	mg/L
		Conductivity	562	-	µS/cm
		Faecal Coliforms	100	-	cfu/100ml
		Nitrate + Nitrite	2.33	-	mg/L
		Nitrogen (ammonia)	0.28	-	mg/L
		Phosphorus (total)	6.1	-	mg/L
		Total Kjeldhal Nitrogen	2.07	-	mg/L

		Quantity	Measurement	Limit	Units
Sampled	3/02/2015	Oil and Grease	<2	10	mg/L
Reported	11/02/2015	pH	8.3	6.5-8.5	-
Published	16/02/2015	BOD	2	20	mg/L
		Suspended Solids	14	30	mg/L
		Conductivity	515	-	µS/cm
		Faecal Coliforms	300	-	cfu/100ml
		Nitrate + Nitrite	3.15	-	mg/L
		Nitrogen (ammonia)	0.55	-	mg/L
		Phosphorus (total)	5.1	-	mg/L
		Total Kjeldhal Nitrogen	1.95	-	mg/L

		Quantity	Measurement	Limit	Units
Sampled	3/03/2015	Oil and Grease	<2	10	mg/L
Reported	12/03/2015	pH	8.2	6.5-8.5	-
Published	13/03/2015	BOD	3	20	mg/L
		Suspended Solids	17	30	mg/L
		Conductivity	575	-	µS/cm
		Faecal Coliforms	650	-	cfu/100ml
		Nitrate + Nitrite	1.61	-	mg/L
		Nitrogen (ammonia)	0.49	-	mg/L
		Phosphorus (total)	7.2	-	mg/L
		Total Kjeldhal Nitrogen	1.79	-	mg/L

		Quantity	Measurement	Limit	Units
Sampled	14/04/2015	Oil and Grease	<2	10	mg/L
Reported	22/04/2015	pH	8.3	6.5-8.5	-
Published	24/04/2015	BOD	3	20	mg/L
		Suspended Solids	21	30	mg/L



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		Quantity	Measurement	Limit	Units
		Conductivity	503	-	µS/cm
		Faecal Coliforms	410	-	cfu/100ml
		Nitrate + Nitrite	3.31	-	mg/L
		Nitrogen (ammonia)	0.27	-	mg/L
		Phosphorus (total)	5	-	mg/L
		Total Kjeldhal Nitrogen	1.79	-	mg/L

		Quantity	Measurement	Limit	Units
Sampled	5/05/2015	Oil and Grease	<2	10	mg/L
Reported	14/05/2015	pH	7.9	6.5-8.5	-
Published	15/05/2015	BOD	3	20	mg/L
		Suspended Solids	5	30	mg/L
		Conductivity	580	-	µS/cm
		Faecal Coliforms	240	-	cfu/100ml
		Nitrate + Nitrite	2.79	-	mg/L
		Nitrogen (ammonia)	0.79	-	mg/L
		Phosphorus (total)	5.7	-	mg/L
		Total Kjeldhal Nitrogen	2.01	-	mg/L

		Quantity	Measurement	Limit	Units
Sampled	2/06/2015	Oil and Grease	<2	10	mg/L
Reported	12/06/2015	pH	8	6.5-8.5	-
Published	12/06/2015	BOD	2	20	mg/L
		Suspended Solids	9	30	mg/L
		Conductivity	594	-	µS/cm
		Faecal Coliforms	60	-	cfu/100ml
		Nitrate + Nitrite	2.48	-	mg/L
		Nitrogen (ammonia)	0.58	-	mg/L
		Phosphorus (total)	6.1	-	mg/L
		Total Kjeldhal Nitrogen	2.02	-	mg/L

		Quantity	Measurement	Limit	Units
Sampled	7/07/2015	Oil and Grease	<2	10	mg/L
Reported	20/07/2015	pH	8.5	6.5-8.5	-
Published	22/07/2015	BOD	6	20	mg/L
		Suspended Solids	22	30	mg/L
		Conductivity	597	-	µS/cm
		Faecal Coliforms	160	-	cfu/100ml
		Nitrate + Nitrite	2.06	-	mg/L



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		Monitoring Frequency - Monthly			
		Quantity	Measurement	Limit	Units
		Nitrogen (ammonia)	<0.010	-	mg/L
		Phosphorus (total)	5.1	-	mg/L
		Total Kjeldhal Nitrogen	1.24	-	mg/L
		Quantity	Measurement	Limit	Units
Sampled	4/08/2015	Oil and Grease	<2	10	mg/L
Reported	17/08/2015	pH	8.1	6.5-8.5	-
Published	18/08/2015	BOD	3	20	mg/L
		Suspended Solids	11	30	mg/L
		Conductivity	560	-	µS/cm
		Faecal Coliforms	140	-	cfu/100ml
		Nitrate + Nitrite	2.17	-	mg/L
		Nitrogen (ammonia)	0.12	-	mg/L
		Phosphorus (total)	4.9	-	mg/L
		Total Kjeldhal Nitrogen	1.43	-	mg/L
		Quantity	Measurement	Limit	Units
Sampled	2/09/2015	Oil and Grease	<2	10	mg/L
Reported	7/09/2015	pH	7.8	6.5-8.5	-
Published	9/09/2015	BOD	<2	20	mg/L
		Suspended Solids	18	30	mg/L
		Conductivity	585	-	µS/cm
		Faecal Coliforms	130	-	cfu/100ml
		Nitrate + Nitrite	2.06	-	mg/L
		Nitrogen (ammonia)	0.49	-	mg/L
		Phosphorus (total)	5.6	-	mg/L
		Total Kjeldhal Nitrogen	1.94	-	mg/L
		Quantity	Measurement	Limit	Units
Sampled	13/10/2015	Oil and Grease	<2	10	mg/L
Reported	27/10/2015	pH	7.8	6.5-8.5	-
Published	3/11/2015	BOD	3	20	mg/L
		Suspended Solids	25	30	mg/L
		Conductivity	656	-	µS/cm
		Faecal Coliforms	365	-	cfu/100ml
		Nitrate + Nitrite	1.06	-	mg/L
		Nitrogen (ammonia)	0.77	-	mg/L
		Phosphorus (total)	6.9	-	mg/L
		Total Kjeldhal Nitrogen	2.54	-	mg/L
		Quantity	Measurement	Limit	Units
Sampled	10/11/2015	Oil and Grease	<2	10	mg/L
Reported	20/11/2015	pH	7.9	6.5-8.5	-
Published	24/11/2015	BOD	3	20	mg/L
		Suspended Solids	15	30	mg/L
		Conductivity	491	-	µS/cm
		Faecal Coliforms	196	-	cfu/100ml
		Nitrate + Nitrite	2.63	-	mg/L
		Nitrogen (ammonia)	0.93	-	mg/L
		Phosphorus (total)	4.1	-	mg/L
		Total Kjeldhal Nitrogen	1.97	-	mg/L