



Inverell Sewage Treatment Plant

Sampling Point: Discharge Point	EPL No. 718
Licence Period 1 December 2013 to 30 November 2014	Licensee: Inverell Shire Council
http://www.environment.nsw.gov.au/prpoeoapp/Detail.aspx?instid=718&id=718&option=licence&searchrange=licence&range=POEO licence&prp=no&status=Issued	144 Otho Street, Inverell
	Monitoring Frequency - Monthly

		Quantity	Measurement	Limit	Units
Sampled	3/12/2013	Oil and Grease	<2	10	mg/L
Reported	18/12/2013	pH	8	6.5-8.5	-
Published	3/01/2014	BOD	2	20	mg/L
		Suspended Soilds	28	30	mg/L
		Conductivity	613	-	µS/cm
		Faecal Coliforms	4380	-	cfu/100ml
		Nitrate + Nitrite	2.14	-	mg/L
		Nitrogen (ammonia)	1.2	-	mg/L
		Phosphorus (total)	6.6	-	mg/L
		Total Kjeldhal Nitrogen	1.56	-	mg/L

		Quantity	Measurement	Limit	Units
Sampled	14/01/2014	Oil and Grease	<2	10	mg/L
Reported	22/01/2014	pH	8.2	6.5-8.5	-
Published	24/01/2014	BOD	4	20	mg/L
		Suspended Soilds	23	30	mg/L
		Conductivity	675	-	µS/cm
		Faecal Coliforms	110	-	cfu/100ml
		Nitrate + Nitrite	1.39	-	mg/L
		Nitrogen (ammonia)	0.69	-	mg/L
		Phosphorus (total)	6.1	-	mg/L
		Total Kjeldhal Nitrogen	2.11	-	mg/L

		Quantity	Measurement	Limit	Units
Sampled	4/02/2014	Oil and Grease	<2	10	mg/L
Reported	12/02/2014	pH	8.1	6.5-8.5	-
Published	11/03/2014	BOD	3	20	mg/L
		Suspended Soilds	20	30	mg/L
		Conductivity	652	-	µS/cm
		Faecal Coliforms	1000	-	cfu/100ml
		Nitrate + Nitrite	1.8	-	mg/L
		Nitrogen (ammonia)	0.63	-	mg/L
		Phosphorus (total)	7.7	-	mg/L
		Total Kjeldhal Nitrogen	2.2	-	mg/L

		Quantity	Measurement	Limit	Units
Sampled	4/03/2014	Oil and Grease	<2	10	mg/L
Reported	17/03/2014	pH	8.1	6.5-8.5	-
Published	21/03/2014	BOD	<2	20	mg/L
		Suspended Soilds	31	30	mg/L
		Conductivity	623	-	µS/cm
		Faecal Coliforms	1080	-	cfu/100ml
		Nitrate + Nitrite	1.51	-	mg/L
		Nitrogen (ammonia)	0.83	-	mg/L
		Phosphorus (total)	8.2	-	mg/L



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	Monitoring Frequency - Monthly

	Quantity	Measurement	Limit	Units
	Total Kjeldhal Nitrogen	2.19	-	mg/L

	Quantity	Measurement	Limit	Units	
Sampled	1/04/2014	Oil and Grease	<2	10	mg/L
Reported	11/04/2014	pH	8	6.5-8.5	-
Published	9/05/2014	BOD	3	20	mg/L
		Suspended Solids	22	30	mg/L
		Conductivity	530	-	µS/cm
		Faecal Coliforms	12000	-	cfu/100ml
		Nitrate + Nitrite	2.87	-	mg/L
		Nitrogen (ammonia)	1.1	-	mg/L
		Phosphorus (total)	4.8	-	mg/L
		Total Kjeldhal Nitrogen	2.73	-	mg/L

	Quantity	Measurement	Limit	Units	
Sampled	6/05/2014	Oil and Grease	<2	10	mg/L
Reported	20/05/2014	pH	8.3	6.5-8.5	-
Published	21/05/2014	BOD	2	20	mg/L
		Suspended Solids	18	30	mg/L
		Conductivity	619	-	µS/cm
		Faecal Coliforms	12000	-	cfu/100ml
		Nitrate + Nitrite	3.02	-	mg/L
		Nitrogen (ammonia)	1.4	-	mg/L
		Phosphorus (total)	6.4	-	mg/L
		Total Kjeldhal Nitrogen	2.78	-	mg/L

	Quantity	Measurement	Limit	Units	
Sampled	3/06/2014	Oil and Grease	<2	10	mg/L
Reported	24/06/2014	pH	8	6.5-8.5	-
Published	27/06/2014	BOD	2	20	mg/L
		Suspended Solids	7	30	mg/L
		Conductivity	613	-	µS/cm
		Faecal Coliforms	350	-	cfu/100ml
		Nitrate + Nitrite	2.42	-	mg/L
		Nitrogen (ammonia)	1	-	mg/L
		Phosphorus (total)	5.7	-	mg/L
		Total Kjeldhal Nitrogen	2.48	-	mg/L

	Quantity	Measurement	Limit	Units	
Sampled	1/07/2014	Oil and Grease	<2	10	mg/L
Reported	11/07/2014	pH	8	6.5-8.5	-
Published	21/07/2014	BOD	2	20	mg/L
		Suspended Solids	3	30	mg/L
		Conductivity	599	-	µS/cm
		Faecal Coliforms	1900	-	cfu/100ml
		Nitrate + Nitrite	2.98	-	mg/L



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		Quantity	Measurement	Limit	Units
		Nitrogen (ammonia)	0.58	-	mg/L
		Phosphorus (total)	5.2	-	mg/L
		Total Kjeldhal Nitrogen	1.62	-	mg/L

		Quantity	Measurement	Limit	Units
Sampled	5/08/2014	Oil and Grease	<2	10	mg/L
Reported	21/08/2014	pH	7.8	6.5-8.5	-
Published	5/09/2014	BOD	2	20	mg/L
		Suspended Solids	1	30	mg/L
		Conductivity	621	-	µS/cm
		Faecal Coliforms	120	-	cfu/100ml
		Nitrate + Nitrite	2.47	-	mg/L
		Nitrogen (ammonia)	0.51	-	mg/L
		Phosphorus (total)	5.4	-	mg/L
		Total Kjeldhal Nitrogen	1.53	-	mg/L

		Quantity	Measurement	Limit	Units
Sampled	2/09/2014	Oil and Grease	<2	10	mg/L
Reported	12/09/2014	pH	7.9	6.5-8.5	-
Published	23/09/2014	BOD	2	20	mg/L
		Suspended Solids	7	30	mg/L
		Conductivity	613	-	µS/cm
		Faecal Coliforms	261	-	cfu/100ml
		Nitrate + Nitrite	2.07	-	mg/L
		Nitrogen (ammonia)	0.66	-	mg/L
		Phosphorus (total)	5.3	-	mg/L
		Total Kjeldhal Nitrogen	1.53	-	mg/L

		Quantity	Measurement	Limit	Units
Sampled	7/10/2014	Oil and Grease	<2	10	mg/L
Reported	16/10/2014	pH	7.8	6.5-8.5	-
Published	20/10/2014	BOD	2	20	mg/L
		Suspended Solids	16	30	mg/L
		Conductivity	612	-	µS/cm
		Faecal Coliforms	20	-	cfu/100ml
		Nitrate + Nitrite	1.36	-	mg/L
		Nitrogen (ammonia)	0.61	-	mg/L
		Phosphorus (total)	5.7	-	mg/L
		Total Kjeldhal Nitrogen	2.04	-	mg/L

		Quantity	Measurement	Limit	Units
Sampled	3/11/2014	Oil and Grease	<2	10	mg/L
Reported	18/11/2014	pH	8	6.5-8.5	-
Published	21/11/2014	BOD	2	20	mg/L
		Suspended Solids	34	30	mg/L
		Conductivity	625	-	µS/cm



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	Quantity	Measurement	Limit	Units
	Faecal Coliforms	370	-	cfu/100ml
	Nitrate + Nitrite	1.26	-	mg/L
	Nitrogen (ammonia)	0.93	-	mg/L
	Phosphorus (total)	6.4	-	mg/L
	Total Kjeldhal Nitrogen	2.54	-	mg/L