



Ashford Sewage Treatment Plant

Sampling Point: Discharge Point

EPL No. 580

Licence Period 1 November 2013 to 31 October 2014

Licensee: Inverell Shire Council

<http://www.environment.nsw.gov.au/prpoeoapp/Detail.aspx?instid=580&id=580&option=licence&searchrange=licence&range=POEO licence&prp=no&status=Issued>

144 Otho Street, Inverell

Monitoring Frequency - Monthly

		Quantity	Measurement	Limit	Units
Sampled	6/11/2013	Oil and Grease	<2	10	mg/L
Reported	25/11/2013	pH	7.8	6.5-8.5	-
Published	28/11/2013	BOD	<2	20	mg/L
		Suspended Soilds	8	30	mg/L
		Conductivity	910	-	µS/cm
		Faecal Coliforms	84	-	cfu/100ml
		Nitrate + Nitrite	0.14	-	mg/L
		Nitrogen (ammonia)	0.5	-	mg/L
		Phosphorus (total)	7.7	-	mg/L
		Total Kjeldhal Nitrogen	1.86	-	mg/L
		Chlorophyll 'a'	13	-	µg/L
		Quantity	Measurement	Limit	Units
Sampled	3/12/2013	Oil and Grease	<2	10	mg/L
Reported	18/12/2013	pH	7.9	6.5-8.5	-
Published	3/01/2014	BOD	<2	20	mg/L
		Suspended Soilds	8	30	mg/L
		Conductivity	870	-	µS/cm
		Faecal Coliforms	14	-	cfu/100ml
		Nitrate + Nitrite	0.17	-	mg/L
		Nitrogen (ammonia)	0.87	-	mg/L
		Phosphorus (total)	7.7	-	mg/L
		Total Kjeldhal Nitrogen	1.33	-	mg/L
		Chlorophyll 'a'	6	-	µg/L
		Quantity	Measurement	Limit	Units
Sampled	14/01/2014	Oil and Grease	<2	10	mg/L
Reported	22/01/2014	pH	9.3	6.5-8.5	-
Published	24/01/2014	BOD	9	20	mg/L
		Suspended Soilds	46	30	mg/L
		Conductivity	898	-	µS/cm
		Faecal Coliforms	38	-	cfu/100ml
		Nitrate + Nitrite	0	-	mg/L
		Nitrogen (ammonia)	<0.010	-	mg/L
		Phosphorus (total)	4	-	mg/L
		Total Kjeldhal Nitrogen	2.3	-	mg/L
		Chlorophyll 'a'	43	-	µg/L
		Quantity	Measurement	Limit	Units
Sampled	4/02/2014	Oil and Grease	<2	10	mg/L
Reported	12/02/2014	pH	9.7	6.5-8.5	-
Published	10/03/2014	BOD	15	20	mg/L
		Suspended Soilds	66	30	mg/L
		Conductivity	895	-	µS/cm
		Faecal Coliforms	8	-	cfu/100ml



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		Monitoring Frequency - Monthly			
		Quantity	Measurement	Limit	Units
		Nitrate + Nitrite	0	-	mg/L
		Nitrogen (ammonia)	<0.010	-	mg/L
		Phosphorus (total)	2.9	-	mg/L
		Total Kjeldhal Nitrogen	3.7	-	mg/L
		Chlorophyll 'a'	219	-	µg/L
		Quantity	Measurement	Limit	Units
Sampled	4/03/2014	Oil and Grease	<2	10	mg/L
Reported	17/03/2014	pH	9	6.5-8.5	-
Published	21/03/2014	BOD	>15	20	mg/L
		Suspended Solids	32	30	mg/L
		Conductivity	854	-	µS/cm
		Faecal Coliforms	<2	-	cfu/100ml
		Nitrate + Nitrite	0.01	-	mg/L
		Nitrogen (ammonia)	4.6	-	mg/L
		Phosphorus (total)	3.9	-	mg/L
		Total Kjeldhal Nitrogen	4.59	-	mg/L
		Chlorophyll 'a'	219	-	µg/L
		Quantity	Measurement	Limit	Units
Sampled	1/04/2014	Oil and Grease	<2	10	mg/L
Reported	11/04/2014	pH	9.6	6.5-8.5	-
Published	9/05/2014	BOD	8	20	mg/L
		Suspended Solids	46	30	mg/L
		Conductivity	641	-	µS/cm
		Faecal Coliforms	8	-	cfu/100ml
		Nitrate + Nitrite	0.37	-	mg/L
		Nitrogen (ammonia)	0.03	-	mg/L
		Phosphorus (total)	2.9	-	mg/L
		Total Kjeldhal Nitrogen	3.73	-	mg/L
		Chlorophyll 'a'	230	-	µg/L
		Quantity	Measurement	Limit	Units
Sampled	6/05/2014	Oil and Grease	<2	10	mg/L
Reported	20/05/2014	pH	9.8	6.5-8.5	-
Published	21/05/2014	BOD	7	20	mg/L
		Suspended Solids	37	30	mg/L
		Conductivity	647	-	µS/cm
		Faecal Coliforms	1140	-	cfu/100ml
		Nitrate + Nitrite	2.58	-	mg/L
		Nitrogen (ammonia)	0.03	-	mg/L
		Phosphorus (total)	4.2	-	mg/L
		Total Kjeldhal Nitrogen	1.92	-	mg/L
		Chlorophyll 'a'	76	-	µg/L
		Quantity	Measurement	Limit	Units



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144 Otho Street, Inverell

Monitoring Frequency - Monthly

		Quantity	Measurement	Limit	Units
Sampled	3/06/2014	Oil and Grease	<2	10	mg/L
Reported	24/06/2014	pH	9.2	6.5-8.5	-
Published	27/06/2014	BOD	7	20	mg/L
		Suspended Solids	36	30	mg/L
		Conductivity	662	-	µS/cm
		Faecal Coliforms	24	-	cfu/100ml
		Nitrate + Nitrite	0	-	mg/L
		Nitrogen (ammonia)	0	-	mg/L
		Phosphorus (total)	3.8	-	mg/L
		Total Kjeldhal Nitrogen	3.3	-	mg/L
		Chlorophyll 'a'	131	-	µg/L
		Quantity	Measurement	Limit	Units
Sampled	1/07/2014	Oil and Grease	<2	10	mg/L
Reported	11/07/2014	pH	8.9	6.5-8.5	-
Published	21/07/2014	BOD	4	20	mg/L
		Suspended Solids	26	30	mg/L
		Conductivity	649	-	µS/cm
		Faecal Coliforms	4	-	cfu/100ml
		Nitrate + Nitrite	0.17	-	mg/L
		Nitrogen (ammonia)	<0.010	-	mg/L
		Phosphorus (total)	4.6	-	mg/L
		Total Kjeldhal Nitrogen	1.33	-	mg/L
		Chlorophyll 'a'	58	-	µg/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	707	-	µS/cm
		Faecal Coliforms	12	-	cfu/100ml
		Nitrate + Nitrite	0.9	-	mg/L
		Nitrogen (ammonia)	1.4	-	mg/L
		Phosphorus (total)	5.5	-	mg/L
		Total Kjeldhal Nitrogen	2.7	-	mg/L
		Chlorophyll 'a'	4	-	µg/L
		Quantity	Measurement	Limit	Units
Sampled	2/09/2014	Oil and Grease	<2	10	mg/L
Reported	12/09/2014	pH	7.6	6.5-8.5	-
Published	23/09/2014	BOD	<2	20	mg/L
		Suspended Solids	4	30	mg/L
		Conductivity	710	-	µS/cm
		Faecal Coliforms	86	-	cfu/100ml



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		Monitoring Frequency - Monthly			
		Quantity	Measurement	Limit	Units
		Nitrate + Nitrite	0.52	-	mg/L
		Nitrogen (ammonia)	0.85	-	mg/L
		Phosphorus (total)	6.6	-	mg/L
		Total Kjeldhal Nitrogen	1.98	-	mg/L
		Chlorophyll 'a'	<2	-	µg/L
		Quantity	Measurement	Limit	Units
Sampled	7/10/2014	Oil and Grease	<2	10	mg/L
Reported	16/10/2014	pH	7.2	6.5-8.5	-
Published	20/10/2014	BOD	<2	20	mg/L
		Suspended Solids	3	30	mg/L
		Conductivity	701	-	µS/cm
		Faecal Coliforms	26	-	cfu/100ml
		Nitrate + Nitrite	0.08	-	mg/L
		Nitrogen (ammonia)	0.63	-	mg/L
		Phosphorus (total)	8.4	-	mg/L
		Total Kjeldhal Nitrogen	1.82	-	mg/L
		Chlorophyll 'a'	<2	-	µg/L