



Ashford Sewage Treatment Plant

Sampling Point: Discharge Point		EPL No. 580			
Licence Period 1 November 2014 to 31 October 2015		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	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	4	30	mg/L
		Conductivity	739	-	µS/cm
		Faecal Coliforms	8	-	cfu/100ml
		Nitrate + Nitrite	0.12	-	mg/L
		Nitrogen (ammonia)	0.2	-	mg/L
		Phosphorus (total)	8.5	-	mg/L
		Total Kjeldhal Nitrogen	1.58	-	mg/L
		Chlorophyll 'a'	10	-	µg/L
		Quantity	Measurement	Limit	Units
Sampled	2/12/2014	Oil and Grease	<2	10	mg/L
Reported	12/12/2014	pH	8.1	6.5-8.5	-
Published	16/12/2014	BOD	5	20	mg/L
		Suspended Solids	21	30	mg/L
		Conductivity	797	-	µS/cm
		Faecal Coliforms	6	-	cfu/100ml
		Nitrate + Nitrite	0	-	mg/L
		Nitrogen (ammonia)	<.010	-	mg/L
		Phosphorus (total)	9.3	-	mg/L
		Total Kjeldhal Nitrogen	2	-	mg/L
		Chlorophyll 'a'	37	-	µg/L
		Quantity	Measurement	Limit	Units
Sampled	6/01/2015	Oil and Grease	<2	10	mg/L
Reported	14/01/2015	pH	8.5	6.5-8.5	-
Published	16/01/2015	BOD	8	20	mg/L
		Suspended Solids	35	30	mg/L
		Conductivity	712	-	µS/cm
		Faecal Coliforms	23	-	cfu/100ml
		Nitrate + Nitrite	0	-	mg/L
		Nitrogen (ammonia)	0.02	-	mg/L
		Phosphorus (total)	7.9	-	mg/L
		Total Kjeldhal Nitrogen	2.7	-	mg/L
		Chlorophyll 'a'	112	-	µg/L
		Quantity	Measurement	Limit	Units
Sampled	3/02/2015	Oil and Grease	<2	10	mg/L
Reported	11/02/2015	pH	8.7	6.5-8.5	-
Published	16/02/2015	BOD	13	20	mg/L
		Suspended Solids	29	30	mg/L
		Conductivity	600	-	µS/cm
		Faecal Coliforms	18	-	cfu/100ml



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		Monitoring Frequency - Monthly			
		Quantity	Measurement	Limit	Units
		Nitrate + Nitrite	0.09	-	mg/L
		Nitrogen (ammonia)	0.1	-	mg/L
		Phosphorus (total)	5.3	-	mg/L
		Total Kjeldhal Nitrogen	3.31	-	mg/L
		Chlorophyll 'a'	167	-	µg/L
		Quantity	Measurement	Limit	Units
Sampled	3/03/2015	Oil and Grease	<2	10	mg/L
Reported	12/03/2015	pH	8.5	6.5-8.5	-
Published	13/03/2015	BOD	10	20	mg/L
		Suspended Solids	33	30	mg/L
		Conductivity	620	-	µS/cm
		Faecal Coliforms	20	-	cfu/100ml
		Nitrate + Nitrite	0	-	mg/L
		Nitrogen (ammonia)	<0.010	-	mg/L
		Phosphorus (total)	6.6	-	mg/L
		Total Kjeldhal Nitrogen	2.5	-	mg/L
		Chlorophyll 'a'	109	-	µg/L
		Quantity	Measurement	Limit	Units
Sampled	14/04/2015	Oil and Grease	<2	10	mg/L
Reported	22/04/2015	pH	7.8	6.5-8.5	-
Published	24/04/2015	BOD	6	20	mg/L
		Suspended Solids	15	30	mg/L
		Conductivity	595	-	µS/cm
		Faecal Coliforms	10	-	cfu/100ml
		Nitrate + Nitrite	0.54	-	mg/L
		Nitrogen (ammonia)	0.05	-	mg/L
		Phosphorus (total)	4.3	-	mg/L
		Total Kjeldhal Nitrogen	1.56	-	mg/L
		Chlorophyll 'a'	77	-	µg/L
		Quantity	Measurement	Limit	Units
Sampled	5/05/2015	Oil and Grease	<2	10	mg/L
Reported	14/05/2015	pH	7.5	6.5-8.5	-
Published	15/05/2015	BOD	3	20	mg/L
		Suspended Solids	6	30	mg/L
		Conductivity	683	-	µS/cm
		Faecal Coliforms	4	-	cfu/100ml
		Nitrate + Nitrite	0.51	-	mg/L
		Nitrogen (ammonia)	1.9	-	mg/L
		Phosphorus (total)	4.8	-	mg/L
		Total Kjeldhal Nitrogen	3.39	-	mg/L
		Chlorophyll 'a'	<2	-	µg/L
		Quantity	Measurement	Limit	Units



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144 Otho Street, Inverell

Monitoring Frequency - Monthly

		Quantity	Measurement	Limit	Units
Sampled	2/06/2015	Oil and Grease	<2	10	mg/L
Reported	12/06/2015	pH	8.4	6.5-8.5	-
Published	12/06/2015	BOD	8	20	mg/L
		Suspended Solids	24	30	mg/L
		Conductivity	730	-	µS/cm
		Faecal Coliforms	8	-	cfu/100ml
		Nitrate + Nitrite	0.92	-	mg/L
		Nitrogen (ammonia)	0.24	-	mg/L
		Phosphorus (total)	3.2	-	mg/L
		Total Kjeldhal Nitrogen	2.18	-	mg/L
		Chlorophyll 'a'	52	-	µg/L
		Quantity	Measurement	Limit	Units
Sampled	7/07/2015	Oil and Grease	<2	10	mg/L
Reported	20/07/2015	pH	7.7	6.5-8.5	-
Published	22/07/2015	BOD	2	20	mg/L
		Suspended Solids	3	30	mg/L
		Conductivity	841	-	µS/cm
		Faecal Coliforms	96	-	cfu/100ml
		Nitrate + Nitrite	0.31	-	mg/L
		Nitrogen (ammonia)	1.4	-	mg/L
		Phosphorus (total)	4.2	-	mg/L
		Total Kjeldhal Nitrogen	2.39	-	mg/L
		Chlorophyll 'a'	5	-	µg/L
		Quantity	Measurement	Limit	Units
Sampled	4/08/2015	Oil and Grease	<2	10	mg/L
Reported	17/08/2015	pH	7.7	6.5-8.5	-
Published	18/08/2015	BOD	2	20	mg/L
		Suspended Solids	5	30	mg/L
		Conductivity	802	-	µS/cm
		Faecal Coliforms	38	-	cfu/100ml
		Nitrate + Nitrite	0.74	-	mg/L
		Nitrogen (ammonia)	0.59	-	mg/L
		Phosphorus (total)	3.5	-	mg/L
		Total Kjeldhal Nitrogen	1.56	-	mg/L
		Chlorophyll 'a'	10	-	µg/L
		Quantity	Measurement	Limit	Units
Sampled	2/09/2015	Oil and Grease	<2	10	mg/L
Reported	7/09/2015	pH	7.6	6.5-8.5	-
Published	9/09/2015	BOD	2	20	mg/L
		Suspended Solids	10	30	mg/L
		Conductivity	920	-	µS/cm
		Faecal Coliforms	8	-	cfu/100ml



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		Monitoring Frequency - Monthly			
		Quantity	Measurement	Limit	Units
		Nitrate + Nitrite	0.7	-	mg/L
		Nitrogen (ammonia)	0.64	-	mg/L
		Phosphorus (total)	4.3	-	mg/L
		Total Kjeldhal Nitrogen	1.9	-	mg/L
		Chlorophyll 'a'	8	-	µg/L
		Quantity	Measurement	Limit	Units
Sampled	13/10/2015	Oil and Grease	<2	10	mg/L
Reported	27/10/2015	pH	7.6	6.5-8.5	-
Published	3/11/2015	BOD	4	20	mg/L
		Suspended Solids	17	30	mg/L
		Conductivity	1,101	-	µS/cm
		Faecal Coliforms	8	-	cfu/100ml
		Nitrate + Nitrite	0.33	-	mg/L
		Nitrogen (ammonia)	0.7	-	mg/L
		Phosphorus (total)	6.1	-	mg/L
		Total Kjeldhal Nitrogen	2.57	-	mg/L
		Chlorophyll 'a'	5	-	µg/L