



Delungra Sewage Treatment Plant

Sampling Point: Discharge Point		EPL No. 4114			
Licence Period 15 October 2011 to 14 October 2012		Licensee: Inverell Shire Council			
http://www.environment.nsw.gov.au/prpoeoapp/Detail.aspx?instid=4114&id=4114&option=licence&searchrange=licence&range=POEO licence&prp=no&status=Issued		144 Otho Street, Inverell			
		Monitoring Frequency - Monthly			
		Quantity	Measurement	Limit	Units
Sampled	6/03/2012	Oil and Grease	<2	10	mg/L
Reported	26/03/2012	pH	8.8	6.5-8.5	-
Published	1/06/2012	BOD	7	20	mg/L
		Suspended Solids	42	30	mg/L
		Conductivity	338	-	µS/cm
		Faecal Coliforms	26	-	cfu/100ml
		Nitrate + Nitrite	0.22	-	mg/L
		Nitrogen (ammonia)	0.14	-	mg/L
		Phosphorus (total)	2.4	-	mg/L
		Total Kjeldhal Nitrogen	2.48	-	mg/L
Sampled	4/04/2012	Oil and Grease	<2	10	mg/L
Reported	17/04/2012	pH	8.9	6.5-8.5	-
Published	1/06/2012	BOD	6	20	mg/L
		Suspended Solids	20	30	mg/L
		Conductivity	360	-	µS/cm
		Faecal Coliforms	100	-	cfu/100ml
		Nitrate + Nitrite	0.19	-	mg/L
		Nitrogen (ammonia)	0.14	-	mg/L
		Phosphorus (total)	2.2	-	mg/L
		Total Kjeldhal Nitrogen	2.81	-	mg/L
Sampled	1/05/2012	Oil and Grease	<2	10	mg/L
Reported	9/05/2012	pH	8.7	6.5-8.5	-
Published	1/06/2012	BOD	6	20	mg/L
		Suspended Solids	39	30	mg/L
		Conductivity	365	-	µS/cm
		Faecal Coliforms	72	-	cfu/100ml
		Nitrate + Nitrite	0.14	-	mg/L
		Nitrogen (ammonia)	<0.01	-	mg/L
		Phosphorus (total)	1.9	-	mg/L
		Total Kjeldhal Nitrogen	2.66	-	mg/L
Sampled	19/06/2012	Oil and Grease	<2	10	mg/L
Reported	26/06/2012	pH	8	6.5-8.5	-
Published	3/07/2012	BOD	2	20	mg/L
		Suspended Solids	12	30	mg/L
		Conductivity	450	-	µS/cm
		Faecal Coliforms	532	-	cfu/100ml
		Nitrate + Nitrite	0.49	-	mg/L
		Nitrogen (ammonia)	1.6	-	mg/L
		Phosphorus (total)	1.6	-	mg/L
		Total Kjeldhal Nitrogen	2.61	-	mg/L



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		Monitoring Frequency - Monthly			
		Quantity	Measurement	Limit	Units
Sampled	10/07/2012	Oil and Grease	<2	10	mg/L
Reported	25/07/2012	pH	7.9	6.5-8.5	-
Published	1/08/2012	BOD	<2	20	mg/L
		Suspended Soilds	13	30	mg/L
		Conductivity	448	-	µS/cm
		Faecal Coliforms	60	-	cfu/100ml
		Nitrate + Nitrite	1	-	mg/L
		Nitrogen (ammonia)	0.6	-	mg/L
		Phosphorus (total)	1.2	-	mg/L
		Total Kjeldhal Nitrogen	1.6	-	mg/L
Sampled	9/08/2012	Oil and Grease	<2	10	mg/L
Reported	24/08/2012	pH	8	6.5-8.5	-
Published	31/08/2012	BOD	<2	20	mg/L
		Suspended Soilds	20	30	mg/L
		Conductivity	442	-	µS/cm
		Faecal Coliforms	204	-	cfu/100ml
		Nitrate + Nitrite	0.91	-	mg/L
		Nitrogen (ammonia)	0.6	-	mg/L
		Phosphorus (total)	1.1	-	mg/L
		Total Kjeldhal Nitrogen	1.79	-	mg/L
Sampled	5/09/2012	Oil and Grease	<2	10	mg/L
Reported	13/09/2012	pH	9	6.5-8.5	-
Published	14/09/2012	BOD	3	20	mg/L
		Suspended Soilds	18	30	mg/L
		Conductivity	447	-	µS/cm
		Faecal Coliforms	80	-	cfu/100ml
		Nitrate + Nitrite	0.75	-	mg/L
		Nitrogen (ammonia)	0.07	-	mg/L
		Phosphorus (total)	1.2	-	mg/L
		Total Kjeldhal Nitrogen	0.95	-	mg/L
Sampled	2/10/2012	Oil and Grease	<2	10	mg/L
Reported	18/10/2012	pH	10.2	6.5-8.5	-
Published	19/10/2012	BOD	9	20	mg/L
		Suspended Soilds	90	30	mg/L
		Conductivity	555	-	µS/cm
		Faecal Coliforms	20	-	cfu/100ml
		Nitrate + Nitrite	0.08	-	mg/L
		Nitrogen (ammonia)	<0.01	-	mg/L
		Phosphorus (total)	1.5	-	mg/L
		Total Kjeldhal Nitrogen	2.42	-	mg/L