



Delungra Sewage Treatment Plant

Sampling Point: Discharge Point

EPL No. 4114

Licence Period 15 October 2024 to 14 October 2025

Licensee: Inverell Shire Council

144 Otho Street, Inverell

<http://www.environment.nsw.gov.au/prpoeoapp/Detail.aspx?instid=4114&id=4114&option=licence&searchrange=licence&range=POEO licence&prp=no&status=Issued>

Monitoring Frequency - Monthly

		Quantity	Measurement	Limit	Units
Sampled	4/11/2024	Oil and Grease	<5	10	mg/L
Reported	14/11/2024	pH	9.5	6.5-8.5	-
Published	22/11/2024	BOD	23	20	mg/L
		Suspended Solids	125	30	mg/L
		Conductivity	424	-	µS/cm
		Faecal Coliforms	560	-	cfu/100ml
		Nitrate + Nitrite	<0.01	-	mg/L
		Nitrogen (ammonia)	<0.10	-	mg/L
		Phosphorus (total)	5.72	-	mg/L
		Total Kjeldhal Nitrogen	8.4	-	mg/L
		Chlorophyll 'a'	812	-	µg/L
		Quantity	Measurement	Limit	Units
Sampled	3/12/2024	Oil and Grease	<5	10	mg/L
Reported	12/12/2024	pH	8.2	6.5-8.5	-
Published	17/12/2024	BOD	32	20	mg/L
		Suspended Solids	46	30	mg/L
		Conductivity	552	-	µS/cm
		Faecal Coliforms	1690	-	cfu/100ml
		Nitrate + Nitrite	0.46	-	mg/L
		Nitrogen (ammonia)	<0.10	-	mg/L
		Phosphorus (total)	6.71	-	mg/L
		Total Kjeldhal Nitrogen	8.7	-	mg/L
		Chlorophyll 'a'	324	-	µg/L
		Quantity	Measurement	Limit	Units
Sampled	21/01/2025	Oil and Grease	<5	10	mg/L
Reported	31/01/2025	pH	8.9	6.5-8.5	-
Published	4/02/2025	BOD	32	20	mg/L
		Suspended Solids	123	30	mg/L
		Conductivity	626	-	µS/cm
		Faecal Coliforms	440	-	cfu/100ml
		Nitrate + Nitrite	<0.01	-	mg/L
		Nitrogen (ammonia)	<0.10	-	mg/L
		Phosphorus (total)	7.06	-	mg/L
		Total Kjeldhal Nitrogen	12	-	mg/L
		Chlorophyll 'a'	950	-	µg/L
		Quantity	Measurement	Limit	Units
Sampled	4/02/2025	Oil and Grease	<5	10	mg/L
Reported	12/02/2025	pH	8.3	6.5-8.5	-
Published	13/02/2025	BOD	35	20	mg/L
		Suspended Solids	48	30	mg/L
		Conductivity	683	-	µS/cm



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		Quantity	Measurement	Limit	Units
		Faecal Coliforms	530	-	cfu/100ml
		Nitrate + Nitrite	<0.01	-	mg/L
		Nitrogen (ammonia)	<0.10	-	mg/L
		Phosphorus (total)	7.32	-	mg/L
		Total Kjeldhal Nitrogen	11	-	mg/L
		Chlorophyll 'a'	985	-	µg/L
		Quantity	Measurement	Limit	Units
Sampled	5/03/2025	Oil and Grease	<5	10	mg/L
Reported	12/03/2025	pH	7.9	6.5-8.5	-
Published	13/03/2025	BOD	26	20	mg/L
		Suspended Solids	54	30	mg/L
		Conductivity	678	-	µS/cm
		Faecal Coliforms	370	-	cfu/100ml
		Nitrate + Nitrite	<0.01	-	mg/L
		Nitrogen (ammonia)	0.39	-	mg/L
		Phosphorus (total)	7.57	-	mg/L
		Total Kjeldhal Nitrogen	6.5	-	mg/L
		Chlorophyll 'a'	439	-	µg/L
		Quantity	Measurement	Limit	Units
Sampled		Oil and Grease		10	mg/L
Reported		pH		6.5-8.5	-
Published		BOD		20	mg/L
		Suspended Solids		30	mg/L
		Conductivity		-	µS/cm
		Faecal Coliforms		-	cfu/100ml
		Nitrate + Nitrite		-	mg/L
		Nitrogen (ammonia)		-	mg/L
		Phosphorus (total)		-	mg/L
		Total Kjeldhal Nitrogen		-	mg/L
		Chlorophyll 'a'		-	µg/L
		Quantity	Measurement	Limit	Units
Sampled		Oil and Grease		10	mg/L
Reported		pH		6.5-8.5	-
Published		BOD		20	mg/L
		Suspended Solids		30	mg/L
		Conductivity		-	µS/cm
		Faecal Coliforms		-	cfu/100ml
		Nitrate + Nitrite		-	mg/L
		Nitrogen (ammonia)		-	mg/L
		Phosphorus (total)		-	mg/L
		Total Kjeldhal Nitrogen		-	mg/L



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	Quantity	Measurement	Limit	Units
	Chlorophyll 'a'		-	µg/L
	Quantity	Measurement	Limit	Units
Sampled	Oil and Grease		10	mg/L
Reported	pH		6.5-8.5	-
Published	BOD		20	mg/L
	Suspended Solids		30	mg/L
	Conductivity		-	µS/cm
	Faecal Coliforms		-	cfu/100ml
	Nitrate + Nitrite		-	mg/L
	Nitrogen (ammonia)		-	mg/L
	Phosphorus (total)		-	mg/L
	Total Kjeldhal Nitrogen		-	mg/L
	Chlorophyll 'a'		-	µg/L
	Quantity	Measurement	Limit	Units
Sampled	Oil and Grease		10	mg/L
Reported	pH		6.5-8.5	-
Published	BOD		20	mg/L
	Suspended Solids		30	mg/L
	Conductivity		-	µS/cm
	Faecal Coliforms		-	cfu/100ml
	Nitrate + Nitrite		-	mg/L
	Nitrogen (ammonia)		-	mg/L
	Phosphorus (total)		-	mg/L
	Total Kjeldhal Nitrogen		-	mg/L
	Chlorophyll 'a'		-	µg/L
	Quantity	Measurement	Limit	Units
Sampled	Oil and Grease		10	mg/L
Reported	pH		6.5-8.5	-
Published	BOD		20	mg/L
	Suspended Solids		30	mg/L
	Conductivity		-	µS/cm
	Faecal Coliforms		-	cfu/100ml
	Nitrate + Nitrite		-	mg/L
	Nitrogen (ammonia)		-	mg/L
	Phosphorus (total)		-	mg/L
	Total Kjeldhal Nitrogen		-	mg/L
	Chlorophyll 'a'		-	µg/L
	Quantity	Measurement	Limit	Units
Sampled	Oil and Grease		10	mg/L
Reported	pH		6.5-8.5	-
Published	BOD		20	mg/L



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	Quantity	Measurement	Limit	Units
	Suspended Solids		30	mg/L
	Conductivity		-	µS/cm
	Faecal Coliforms		-	cfu/100ml
	Nitrate + Nitrite		-	mg/L
	Nitrogen (ammonia)		-	mg/L
	Phosphorus (total)		-	mg/L
	Total Kjeldhal Nitrogen		-	mg/L
	Chlorophyll 'a'		-	µg/L
	Quantity	Measurement	Limit	Units
Sampled	Oil and Grease		10	mg/L
Reported	pH		6.5-8.5	-
Published	BOD		20	mg/L
	Suspended Solids		30	mg/L
	Conductivity		-	µS/cm
	Faecal Coliforms		-	cfu/100ml
	Nitrate + Nitrite		-	mg/L
	Nitrogen (ammonia)		-	mg/L
	Phosphorus (total)		-	mg/L
	Total Kjeldhal Nitrogen		-	mg/L
	Chlorophyll 'a'		-	µg/L