

Howlong Sewage Treatment Works

EPA Licence Number: 21287

Licence web link: <http://www.epa.nsw.gov.au/prpoeoapp/viewPOEOLicence.aspx?DOCID=31286&SYSUID=1&LICID=21287>

Licencee: Corowa Shire Council

Sampling Frequency: Point 1 quarterly, Point 2 yearly, Point 3,4,5,6 yearly

Pollutant	Effluent - Point 1					Soil - Point 2													Conductivity	
	Conductivity	Total Nitrogen	pH	Total Phosphorous	Faecal Coliforms	Available Phosphorus	Cation Exchange Capacity	Chloride	Conductivity	Calcium	Magnesium	Potassium	Sodium	Exchangeable Sodium percentage	Nitrate	Organic Carbon	pH	Phosphorus Sorption Capacity		
Conc Limit	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	
Units	uS/cm	mg/L		mg/L	CFU/100ml	mg/Kg	milliequivalents	mg/Kg	uS/cm	mg/Kg	mg/Kg	mg/Kg	mg/Kg	%	mg/Kg	%		mg/Kg	uS/cm	
Date																				
09-Oct-19	718.70	34.10	8.10	8.34	517															
08-Jan-20	700.80	10.60	10.22	8.37	262.00															
01-Apr-20	705.00	7.81	10.40	7.81	30.00															
01-Jul-20	662.00	19.56	7.57	9.09	<1															
07-Oct-20	730.30	37.36	7.71	9.12	248.00															
06-Jan-21	570.10	20.22	9.46	4.70	2755.00															
07-Apr-21	564.30	4.53	8.82	6.90	2420.00															
07-Jul-21	563.20	12.60	7.27	8.20	1733.00															
06-Oct-21	361.60	27.90	7.99	18.00	102.00															
05-Jan-22	580.00	27.23	8.70	9.10	2420.00															
06-Apr-22	567.30	190.00	9.19	28.00	446.00															
06-Jul-22	671.10	0.04	7.90	7.90	175.00															
5-Oct-22	761.80	38.26	7.90	7.82	761.80															
11-Jan-22	529.20	28.08	9.65	6.80	12997.00															
05-Apr-23	556.90	13.16	7.77	9.50	2430.00															
05-Jul-23	625.80	22.00	7.20	7.20	6488.00															
04-Oct-23	667.00	40.67	7.57	8.50	2420.00															
03-Jan-24	649.00	36.78	8.26	7.10	488.00															
03-Jul-24	669.90	18.71	7.59	11.00	345.00															
02-Oct-24	669.30	37.72	8.83	9.40	137.00															

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	Conductivity	Total Nitrogen	pH	Total Phosphorous	Faecal Coliforms	Available Phosphorus	Cation Exchange Capacity	Chloride	Conductivity	Calcium	Magnesium	Potassium	Sodium	Exchangeable Sodium percentage	Nitrate	Organic Carbon	pH	Phosphorus Sorption Capacity	
Conc Limit	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none
Units	uS/cm	mg/L		mg/L	CFU/100ml	mg/Kg	milliequivalents	mg/Kg	uS/cm	mg/Kg	mg/Kg	mg/Kg	mg/Kg	%	mg/Kg	%		mg/Kg	
Date																			

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Conc Limit	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	
Units	uS/cm	mg/L		mg/L	CFU/100ml	mg/Kg	milliequivalents	mg/Kg	uS/cm	mg/Kg	mg/Kg	mg/Kg	mg/Kg	%	mg/Kg	%		mg/Kg	uS/cm	
Date																				

Ground Water - Point 3

Ground Water - Point 4

Ground Water - Point 5

Ground Water - Point 6

Faecal Coliforms	Nitrogen (Nitrate)	Phosphorus (Total)	Standing Water Level	Conductivity	Faecal Coliforms	Nitrogen (Nitrate)	Phosphorus (Total)	Standing Water Level	Conductivity	Faecal Coliforms	Nitrogen (Nitrate)	Phosphorus (Total)	Standing Water Level	Conductivity	Faecal Coliforms	Nitrogen (Nitrate)	Phosphorus (Total)	Standing Water Level	Conductivity	
none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none
CFU/100ml	mg/L	mg/L	m	uS/cm	CFU/100ml	mg/L	mg/L	m	uS/cm	CFU/100ml	mg/L	mg/L	m	uS/cm	CFU/100ml	mg/L	mg/L	m	uS/cm	

Ground Water - Point 3				Ground Water - Point 4					Ground Water - Point 5					Ground Water - Point 6					Conductivity	
Faecal Coliforms	Nitrogen (Nitrate)	Phosphorus (Total)	Standing Water Level	Conductivity	Faecal Coliforms	Nitrogen (Nitrate)	Phosphorus (Total)	Standing Water Level	Conductivity	Faecal Coliforms	Nitrogen (Nitrate)	Phosphorus (Total)	Standing Water Level	Conductivity	Faecal Coliforms	Nitrogen (Nitrate)	Phosphorus (Total)	Standing Water Level	Conductivity	
none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none
CFU/100ml	mg/L	mg/L	m	uS/cm	CFU/100ml	mg/L	mg/L	m	uS/cm	CFU/100ml	mg/L	mg/L	m	uS/cm	CFU/100ml	mg/L	mg/L	m	uS/cm	

Ground Water - Point 3				Ground Water - Point 4					Ground Water - Point 5					Ground Water - Point 6					
Faecal Coliforms	Nitrogen (Nitrate)	Phosphorus (Total)	Standing Water Level	Conductivity	Faecal Coliforms	Nitrogen (Nitrate)	Phosphorus (Total)	Standing Water Level	Conductivity	Faecal Coliforms	Nitrogen (Nitrate)	Phosphorus (Total)	Standing Water Level	Conductivity	Faecal Coliforms	Nitrogen (Nitrate)	Phosphorus (Total)	Standing Water Level	Conductivity
none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none
CFU/100ml	mg/L	mg/L	m	uS/cm	CFU/100ml	mg/L	mg/L	m	uS/cm	CFU/100ml	mg/L	mg/L	m	uS/cm	CFU/100ml	mg/L	mg/L	m	uS/cm

Ground Water - Point 7				Ground Water - Point 8				
Faecal Coliforms	Nitrogen (Nitrate)	Phosphorus (Total)	Standing Water Level	Conductivity	Faecal Coliforms	Nitrogen (Nitrate)	Phosphorus (Total)	Standing Water Level
none	none	none	none	none	none	none	none	none
CFU/100ml	mg/L	mg/L	m	uS/cm	CFU/100ml	mg/L	mg/L	m

Ground Water - Point 7

Ground Water - Point 8

Faecal Coliforms	Nitrogen (Nitrate)	Phosphorus (Total)	Standing Water Level	Conductivity	Faecal Coliforms	Nitrogen (Nitrate)	Phosphorus (Total)	Standing Water Level
none	none	none	none	none	none	none	none	none
CFU/100ml	mg/L	mg/L	m	uS/cm	CFU/100ml	mg/L	mg/L	m