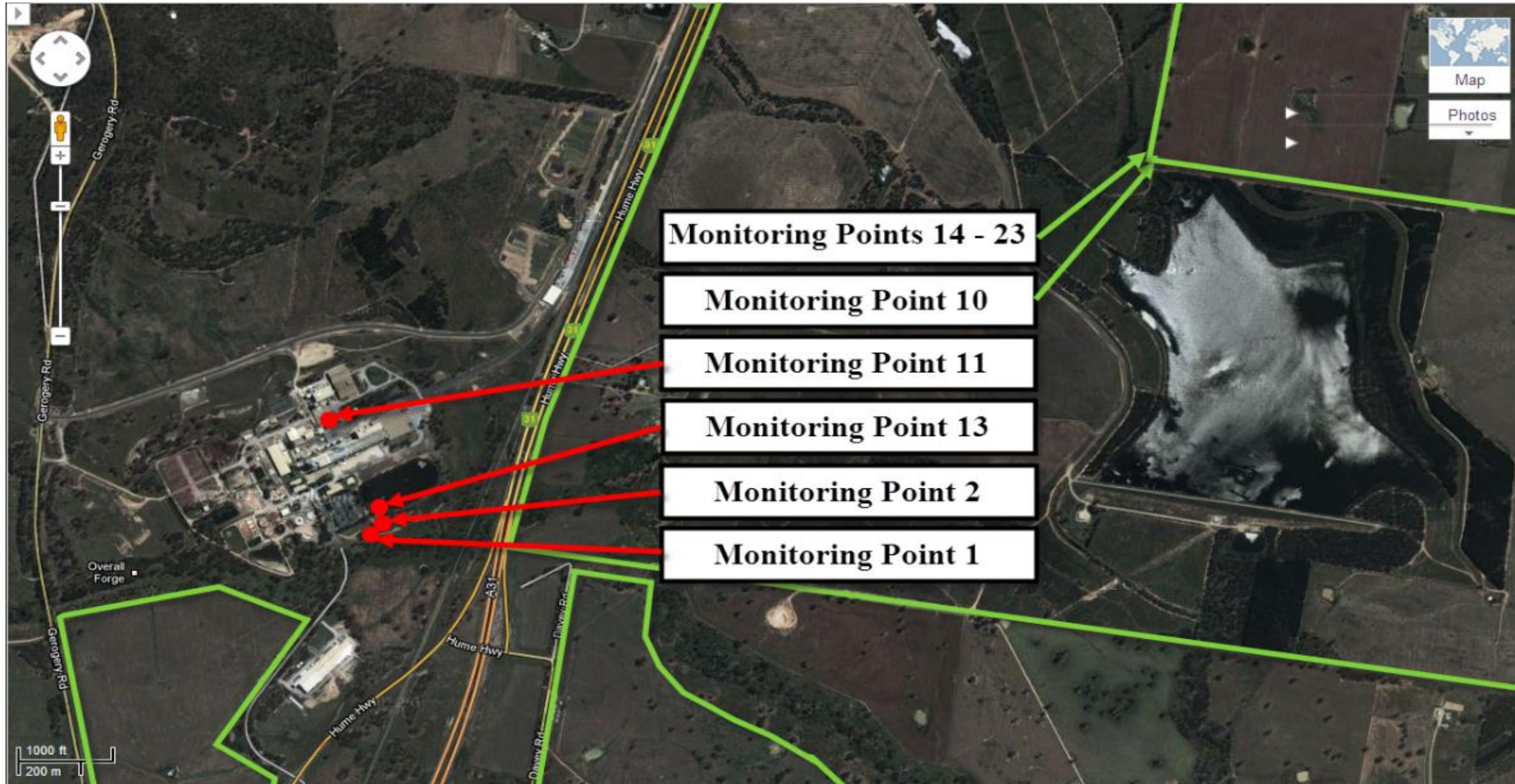


A full copy of our license can be found on the EPA website under the following address  
<http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=32757&SYSUID=1&LICID=1272>

Result data last updated                      23 October 2018

**Map of Norske Skog Albury Paper Mills Environmental Protection Licence compliance monitoring sites**



Courtesy of Google Maps

Monitoring point 1

Discharge to waters, Effluent quality and volume monitoring

Pollutant	Units of measure	Licence requirements			July						August						September					
		Monitoring frequency required when discharging	0 percentile limit	100 percentile limit	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)
Biochemical Oxygen Demand	Milligrams per Litre	Weekly	-	20	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Chemical Oxygen Demand	Milligrams per Litre	Weekly	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Colour	Hazen	Weekly	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Copper	Milligrams per Litre	Quarterly	-	0.05	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Nitrogen (Ammonia)	Milligrams per Litre	Weekly	-	3.0	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Nitrogen (Total)	Milligrams per Litre	Weekly	-	15	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Oil and Grease	Milligrams per Litre	Weekly	-	10	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
pH	pH	Weekly	6.5	8.5	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Phosphorus (Total)	Milligrams per Litre	Weekly	-	0.5	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Total Dissolved Solids	Milligrams per Litre	Weekly	-	2000	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Total Suspended Solids	Milligrams per Litre	Weekly	-	20	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Zinc	Milligrams per Litre	Monthly	-	0.4	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
		Monthly Samples Collected																				
		Monthly Results Obtained																				
		Monthly Results Published																				
		Quarterly Samples Collected																				
		Quarterly Results Obtained																				
		Quarterly Results Published																				

Pollutant	Units of measure	Licence requirements			October						November						December					
		Monitoring frequency required when discharging	0 percentile limit	100 percentile limit	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)
Biochemical Oxygen Demand	Milligrams per Litre	Weekly	-	20	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Chemical Oxygen Demand	Milligrams per Litre	Weekly	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Colour	Hazen	Weekly	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Copper	Milligrams per Litre	Quarterly	-	0.05	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Nitrogen (Ammonia)	Milligrams per Litre	Weekly	-	3.0	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Nitrogen (Total)	Milligrams per Litre	Weekly	-	15	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Oil and Grease	Milligrams per Litre	Weekly	-	10	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
pH	pH	Weekly	6.5	8.5	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Phosphorus (Total)	Milligrams per Litre	Weekly	-	0.5	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Total Dissolved Solids	Milligrams per Litre	Weekly	-	2000	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Total Suspended Solids	Milligrams per Litre	Weekly	-	20	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Zinc	Milligrams per Litre	Monthly	-	0.4	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
		Monthly Samples Collected																				
		Monthly Results Obtained																				
		Monthly Results Published																				
		Quarterly Samples Collected																				
		Quarterly Results Obtained																				
		Quarterly Results Published																				



Monitoring point

1

Discharge to waters, Effluent quality and volume monitoring

Pollutant	Units of measure	Licence requirements			January						February						March					
		Monitoring frequency required when discharging	0 percentile limit	100 percentile limit	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)
Biochemical Oxygen Demand	Milligrams per Litre	Weekly	-	20	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Chemical Oxygen Demand	Milligrams per Litre	Weekly	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Colour	Hazen	Weekly	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Copper	Milligrams per Litre	Quarterly	-	0.05	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Nitrogen (Ammonia)	Milligrams per Litre	Weekly	-	3.0	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Nitrogen (Total)	Milligrams per Litre	Weekly	-	15	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Oil and Grease	Milligrams per Litre	Weekly	-	10	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
pH	pH	Weekly	6.5	8.5	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Phosphorus (Total)	Milligrams per Litre	Weekly	-	0.5	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Total Dissolved Solids	Milligrams per Litre	Weekly	-	2000	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Total Suspended Solids	Milligrams per Litre	Weekly	-	20	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Zinc	Milligrams per Litre	Monthly	-	0.4	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
		Monthly Samples Collected																				
		Monthly Results Obtained																				
		Monthly Results Published																				
		Quarterly Samples Collected																				
		Quarterly Results Obtained																				
		Quarterly Results Published																				

Pollutant	Units of measure	Licence requirements			April						May						June					
		Monitoring frequency required when discharging	0 percentile limit	100 percentile limit	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)
Biochemical Oxygen Demand	Milligrams per Litre	Weekly	-	20	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Chemical Oxygen Demand	Milligrams per Litre	Weekly	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Colour	Hazen	Weekly	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Copper	Milligrams per Litre	Quarterly	-	0.05	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Nitrogen (Ammonia)	Milligrams per Litre	Weekly	-	3.0	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Nitrogen (Total)	Milligrams per Litre	Weekly	-	15	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Oil and Grease	Milligrams per Litre	Weekly	-	10	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
pH	pH	Weekly	6.5	8.5	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Phosphorus (Total)	Milligrams per Litre	Weekly	-	0.5	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Total Dissolved Solids	Milligrams per Litre	Weekly	-	2000	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Total Suspended Solids	Milligrams per Litre	Weekly	-	20	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Zinc	Milligrams per Litre	Monthly	-	0.4	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
		Monthly Samples Collected																				
		Monthly Results Obtained																				
		Monthly Results Published																				
		Quarterly Samples Collected																				
		Quarterly Results Obtained																				
		Quarterly Results Published																				

Pollutant	Units of measure	Monitoring frequency required when discharging	Yearly Licence requirements								
			Number of results	Minimum Value	Maximum Value	50 percentile limit	50 percentile value	Exceedance (yes/no)	90 percentile limit	90 percentile value	Exceedance (yes/no)
Biochemical Oxygen Demand	Milligrams per Litre	Weekly	0	-	-	14	-	-	18	-	-
Nitrogen (Ammonia)	Milligrams per Litre	Weekly	0	-	-	-	-	-	2.0	-	-
Nitrogen (Total)	Milligrams per Litre	Weekly	0	-	-	4	-	-	7	-	-
Phosphorus (Total)	Milligrams per Litre	Weekly	0	-	-	-	-	-	0.3	-	-
Total Dissolved Solids	Milligrams per Litre	Weekly	0	-	-	1650	-	-	-	-	-

Volume Monitoring	Unit of measure	Monitoring frequency required when discharging	Average Value
Liquids discharged to water	kilolitres per day	Continuous	0

Volume Limit	Unit of measure	Yearly Licence requirements				
		Monitoring frequency required when discharging	Number of results	Volume Limit	Maximum Value	Exceedance (yes/no)
Liquids discharged to water	kilolitres per day	Daily	0	10000	-	-

Monitoring point 2

Discharge to waters, Cooling Water quality and volume monitoring

Pollutant	Units of measure	Licence requirements			July						August						September					
		Monitoring frequency required when discharging	0 percentile limit	100 percentile limit	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)
Biochemical Oxygen Demand	Milligrams per Litre	Monthly	-	-	1	-	4	-	-	-	1	-	< 2	-	-	1	-	< 2	-	-	-	
Conductivity	Millisiemens per cm	Weekly	-	-	5	49	68	71	80	-	4	67	70	70	73	-	4	67	71	72	74	-
Nitrogen (Total)	Milligrams per Litre	Monthly	-	-	1	-	0	-	-	-	1	-	0	-	-	-	1	-	0	-	-	-
Oil and Grease	Milligrams per Litre	Monthly	-	5	1	-	3	-	-	no	1	-	2	-	-	no	1	-	3	-	-	no
pH	pH	Weekly	6.5	8.5	5	7.36	7.46	7.42	7.67	no	4	7.32	7.42	7.41	7.53	no	4	7.24	7.47	7.44	7.78	no
Phosphorus (Total)	Milligrams per Litre	Monthly	-	-	1	-	< 0.01	-	-	-	1	-	0	-	-	-	1	-	< 0.01	-	-	-
Total Dissolved Solids	Milligrams per Litre	Monthly	-	200	1	-	31	-	-	no	1	-	38	-	-	no	1	-	38	-	-	no
Total Suspended Solids	Milligrams per Litre	Monthly	-	-	1	-	< 2	-	-	-	1	-	< 2	-	-	-	1	-	< 2	-	-	-
Zinc	Milligrams per Litre	Monthly	-	-	1	-	< 2	-	-	-	1	-	< 2	-	-	-	1	-	< 2	-	-	-
Monthly Samples Collected					2 July 2018						6 August 2018						3 September 2018					
Monthly Results Obtained					17 July 2018						23 August 2018						19 September 2018					
Monthly Results Published					2 August 2018						29 August 2018						26 September 2018					

Pollutant	Units of measure	Licence requirements			October						November						December					
		Monitoring frequency required when discharging	0 percentile limit	100 percentile limit	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)
Biochemical Oxygen Demand	Milligrams per Litre	Monthly	-	-	1	-	< 2	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Conductivity	Millisiemens per cm	Weekly	-	-	4	66	69	67	77	-	0	-	-	-	-	-	0	-	-	-	-	-
Nitrogen (Total)	Milligrams per Litre	Monthly	-	-	1	-	0	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Oil and Grease	Milligrams per Litre	Monthly	-	5	1	-	5	-	-	no	0	-	-	-	-	-	0	-	-	-	-	-
pH	pH	Weekly	6.5	8.5	4	7.27	7.55	7.49	7.94	no	0	-	-	-	-	-	0	-	-	-	-	-
Phosphorus (Total)	Milligrams per Litre	Monthly	-	-	1	-	0	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Total Dissolved Solids	Milligrams per Litre	Monthly	-	200	1	-	30	-	-	no	0	-	-	-	-	-	0	-	-	-	-	-
Total Suspended Solids	Milligrams per Litre	Monthly	-	-	1	-	< 2	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Zinc	Milligrams per Litre	Monthly	-	-	1	-	< 2	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Monthly Samples Collected					1 October 2018																	
Monthly Results Obtained					23 October 2018																	
Monthly Results Published					23 October 2018																	

Monitoring point 2

Discharge to waters, Cooling Water quality and volume monitoring

Pollutant	Units of measure	Licence requirements			January						February						March					
		Monitoring frequency required when discharging	0 percentile limit	100 percentile limit	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)
Biochemical Oxygen Demand	Milligrams per Litre	Monthly	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Conductivity	Millisiemens per cm	Weekly	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Nitrogen (Total)	Milligrams per Litre	Monthly	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Oil and Grease	Milligrams per Litre	Monthly	-	5	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
pH	pH	Weekly	6.5	8.5	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Phosphorus (Total)	Milligrams per Litre	Monthly	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Total Dissolved Solids	Milligrams per Litre	Monthly	-	200	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Total Suspended Solids	Milligrams per Litre	Monthly	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Zinc	Milligrams per Litre	Monthly	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
		Monthly Samples Collected																				
		Monthly Results Obtained																				
		Monthly Results Published																				

Pollutant	Units of measure	Licence requirements			April						May						June					
		Monitoring frequency required when discharging	0 percentile limit	100 percentile limit	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)	Number of results	Minimum Value	Mean Value	Median Value	Maximum Value	Exceedance (yes/no)
Biochemical Oxygen Demand	Milligrams per Litre	Monthly	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Conductivity	Millisiemens per cm	Weekly	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Nitrogen (Total)	Milligrams per Litre	Monthly	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Oil and Grease	Milligrams per Litre	Monthly	-	5	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
pH	pH	Weekly	6.5	8.5	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Phosphorus (Total)	Milligrams per Litre	Monthly	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Total Dissolved Solids	Milligrams per Litre	Monthly	-	200	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Total Suspended Solids	Milligrams per Litre	Monthly	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
Zinc	Milligrams per Litre	Monthly	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-
		Monthly Samples Collected																				
		Monthly Results Obtained																				
		Monthly Results Published																				

Volume Monitoring	Unit of measure	Monitoring frequency required when discharging	Average Value
Liquids discharged to water	kilolitres per day	Continuous	187

Yearly Licence requirements						
Volume Limit	Unit of measure	Monitoring frequency required when discharging	Number of results	Volume Limit	Maximum Value	Exceedance (yes/no)
Liquids discharged to water	kilolitres per day	Daily	100	10000	2343	no





Monitoring points

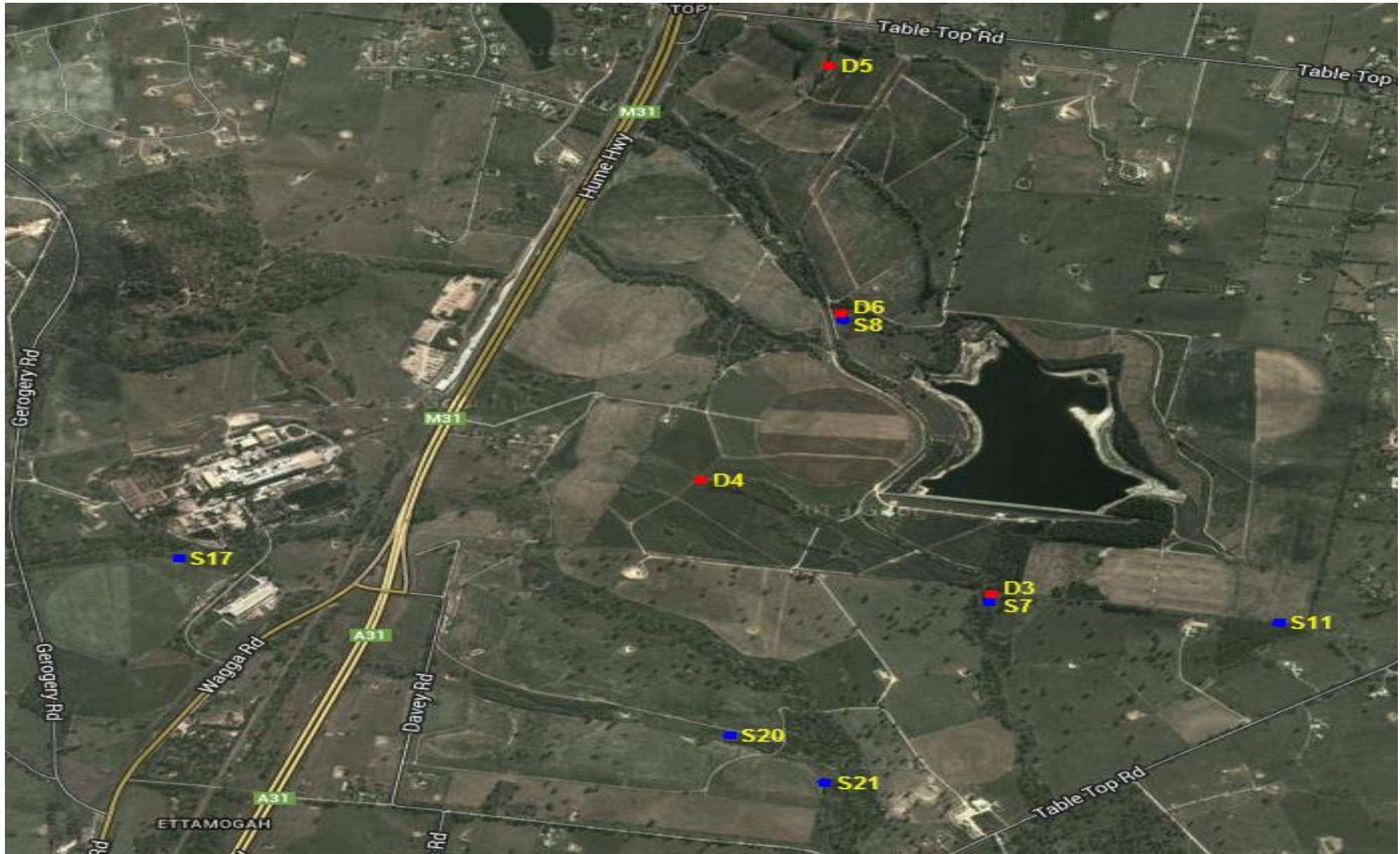
14 to 23

Groundwater quality monitoring

	Month	August			November			February			May			
		Pollutant	Standing Water Level	pH	Conductivity	Standing Water Level	pH	Conductivity	Standing Water Level	pH	Conductivity	Standing Water Level	pH	Conductivity
			Units of measure	Meters		microsiemens per centimeter	Meters		microsiemens per centimeter	Meters		microsiemens per centimeter	Meters	
Deep Bores	3	45.4	7.1	482										
	4	44.7	7.3	2877										
	5	45.0	7.3	4532										
	6	44.7	8.1	688										
Shallow Bores	7	9.7	7.3	3941										
	8	2.6	7.2	1410										
	11	7.0	7.3	6815										
	17	Dry												
	20	Dry												
	21	7.5	7.4	2288										
3 Monthly Samples Collected		15 Aug 18												
3 Monthly Results Obtained		28 Aug 18												
3 Monthly Results Published		29 Aug 18												

Pollutant	Units of measure	Deep Bores				Shallow Bores						
		3	4	5	6	7	8	11	17	20	21	
Nitrate	Milligrams per Litre	0.18	0.15	0.83	0.20	24.44	0.44	0.26				4.53
Total Nitrogen	Milligrams per Litre	0.0	8.6	4.7	0.0	24.4	0.4	0.0				4.5
Total Phosphorus	Milligrams per Litre	0.14	0.02	0.02	0.00	0.25	0.16	0.06				0.11
Annual Samples Collected		15 Aug 18	15 Aug 18	15 Aug 18	15 Aug 18	15 Aug 18	15 Aug 18	15 Aug 18	Bore Dry	Bore Dry		15 Aug 18
Annual Results Obtained		28 Aug 18	28 Aug 18	28 Aug 18	28 Aug 18	28 Aug 18	28 Aug 18	28 Aug 18				28 Aug 18
Annual Results Published		29 Aug 18	29 Aug 18	29 Aug 18	29 Aug 18	29 Aug 18	29 Aug 18	29 Aug 18				29 Aug 18

Ettamogah Site map showing Groundwater Bores



Note: Shallow Bores are denoted with blue markers and Deep Bores are denoted by red markers. The water quality of 8 and 9 mile creeks are also monitored, but are not required to be reported by EPL 1272

**Non compliance log**

Pollutant	Sample dates	Detail

**Correction log**

Sample date and time	Original data	Corrected data	Date corrected	Date originally published	Reason

**Community Complaints**

Complaint	Date	Detail