



Teys Australia Tamworth
32 – 92 Phoenix Street
Tamworth
NSW 2340

**Teys Australia Southern Property Pty Ltd,
(Trading as Teys Australia Tamworth)**

Environmental Monitoring Data Summary

Environmental Protection Licence 1328

Executive Summary

Teys Australia Tamworth is the holder of Environmental Protection Licence (EPL) 1328. This Licence is administered by the *NSW Environmental Protection Authority (EPA)*, and includes conditions relevant to the site's operation, including environmental monitoring, as is outlined in this report. All environmental monitoring results required under EPL 1328 are submitted to the *EPA* each year in a formal annual return. Our current reporting period is from 21st May 2017 to the 20th May 2018.

All monitoring specified under EPL 1328 was completed in the 2016/2017 annual reporting period, which covered the period between 21st May 2016 and 20th May 2017.

Nil instances of non – compliance with any of the conditions in EPL 1328 occurred during the reporting period.

Further information is available by contacting the Teys Corporate Environmental team on (07) 31989000.

A full copy of EPL 1328 can be obtained on the EPA website from the following URL using the search function for licence number “1328”:

<http://www.epa.nsw.gov.au/prpoeoapp/>



EPA Monitoring Point 5: Summary of results for monitoring from Ground Water Bore on Teys Tamworth site

Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during the year	Sample 1		Sample 2	
				Date Sampled 22/06/2017	Date Obtained 4/07/2017	Date Sampled 29/12/2017	Date Obtained 11/12/2017
<i>Biochemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<2	4/07/2017	<2	12/12/2017
<i>Chemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<20	4/07/2017	<20	12/12/2017
<i>Conductivity</i>	Microsiemens/ Centimetre	6 Monthly	2	1.81	4/07/2017	1.84	12/12/2017
<i>Nitrate</i>	Milligrams/Litre	6 Monthly	2	9.5	4/07/2017	13.8	12/12/2017
<i>Nitrogen (Ammonia)</i>	Milligrams/Litre	6 Monthly	2	<0.1	4/07/2017	<0.1	12/12/2017
<i>Nitrogen (total)</i>	Milligrams/Litre	6 Monthly	2	9	4/07/2017	10.6	12/12/2017
<i>Phosphorus (total)</i>	Milligrams/Litre	6 Monthly	2	0.02	4/07/2017	<0.02	12/12/2017

EPA Monitoring Point 6: Summary of results for monitoring from Ground Water Bore on Teys Tamworth site

Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during the year	Sample 1		Sample 2	
				Date Sampled 22/06/2017	Date Obtained 4/07/2017	Date Sampled 29/12/2017	Date Obtained 11/12/2017
<i>Biochemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<2	4/07/2017	<2	12/12/2017
<i>Chemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<20	4/07/2017	<20	12/12/2017
<i>Conductivity</i>	Microsiemens/ Centimetre	6 Monthly	2	1.39	4/07/2017	1.37	12/12/2017
<i>Nitrate</i>	Milligrams/Litre	6 Monthly	2	3.8	4/07/2017	4.4	12/12/2017
<i>Nitrogen (Ammonia)</i>	Milligrams/Litre	6 Monthly	2	<0.1	4/07/2017	<0.1	12/12/2017
<i>Nitrogen (total)</i>	Milligrams/Litre	6 Monthly	2	4	4/07/2017	4.5	12/12/2017
<i>Phosphorus (total)</i>	Milligrams/Litre	6 Monthly	2	0.02	4/07/2017	<0.02	12/12/2017

EPA Monitoring Point 7: Summary of results for monitoring from Ground Water Bore on Teys Tamworth site

Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during the year	Sample 1		Sample 2	
				Date Sampled 22/06/2017	Date Obtained 4/07/2017	Date Sampled 29/12/2017	Date Obtained 11/12/2017
<i>Biochemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<2	4/07/2017	<2	12/12/2017
<i>Chemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<20	4/07/2017	<20	12/12/2017
<i>Conductivity</i>	Microsiemens/ Centimetre	6 Monthly	2	7.43	4/07/2017	3.17	12/12/2017
<i>Nitrate</i>	Milligrams/Litre	6 Monthly	2	5.3	4/07/2017	10.2	12/12/2017
<i>Nitrogen (Ammonia)</i>	Milligrams/Litre	6 Monthly	2	<0.1	4/07/2017	<0.1	12/12/2017
<i>Nitrogen (total)</i>	Milligrams/Litre	6 Monthly	2	6	4/07/2017	6.6	12/12/2017
<i>Phosphorus (total)</i>	Milligrams/Litre	6 Monthly	2	0.04	4/07/2017	0.03	12/12/2017

EPA Monitoring Point 8: Summary of results for monitoring from Ground Water Bore on Teys Tamworth site

Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during the year	Sample 1		Sample 2	
				Date Sampled 22/06/2017	Date Obtained 4/07/2017	Date Sampled 29/12/2017	Date Obtained 11/12/2017
<i>Biochemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<2	4/07/2017	<2	12/12/2017
<i>Chemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<20	4/07/2017	<20	12/12/2017
<i>Conductivity</i>	Microsiemens/ Centimetre	6 Monthly	2	1.97	4/07/2017	1.93	12/12/2017
<i>Nitrate</i>	Milligrams/Litre	6 Monthly	2	41.6	4/07/2017	38.7	12/12/2017
<i>Nitrogen (Ammonia)</i>	Milligrams/Litre	6 Monthly	2	<0.1	4/07/2017	<0.1	12/12/2017
<i>Nitrogen (total)</i>	Milligrams/Litre	6 Monthly	2	35	4/07/2017	40	12/12/2017
<i>Phosphorus (total)</i>	Milligrams/Litre	6 Monthly	2	0.05	4/07/2017	0.04	12/12/2017

EPA Monitoring Point 9: Summary of results for monitoring from Ground Water Bore on Teys Tamworth site

Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during the year	Sample 1		Sample 2	
				Date Sampled 22/06/2017	Date Obtained 4/07/2017	Date Sampled 29/12/2017	Date Obtained 11/12/2017
<i>Biochemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<2	<2	<2	<2
<i>Chemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<20	<20	<20	<20
<i>Conductivity</i>	Microsiemens/ Centimetre	6 Monthly	2	2	2	1.97	1.97
<i>Nitrate</i>	Milligrams/Litre	6 Monthly	2	39	39	38.2	38.2
<i>Nitrogen (Ammonia)</i>	Milligrams/Litre	6 Monthly	2	<0.1	<0.1	<0.1	<0.1
<i>Nitrogen (total)</i>	Milligrams/Litre	6 Monthly	2	39	39	41.6	41.6
<i>Phosphorus (total)</i>	Milligrams/Litre	6 Monthly	2	0.05	0.05	<0.02	<0.02

EPA Monitoring Point 10: Summary of results for monitoring from Ground Water Bore on Teys Tamworth site

Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during the year	Sample 1		Sample 2	
				Date Sampled 22/06/2017	Date Obtained 4/07/2017	Date Sampled 29/12/2017	Date Obtained 11/12/2017
<i>Biochemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<2	<2	<2	<2
<i>Chemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<20	<20	<20	<20
<i>Conductivity</i>	Microsiemens/ Centimetre	6 Monthly	2	1.02	1.02	1.05	1.05
<i>Nitrate</i>	Milligrams/Litre	6 Monthly	2	3.5	3.5	0.8	0.8
<i>Nitrogen (Ammonia)</i>	Milligrams/Litre	6 Monthly	2	<0.01	<0.01	<0.1	<0.1
<i>Nitrogen (total)</i>	Milligrams/Litre	6 Monthly	2	1	1	1.2	1.2
<i>Phosphorus (total)</i>	Milligrams/Litre	6 Monthly	2	0.03	0.03	<0.02	<0.02

Correction Log

Teyes Australia Southern Property Pty Ltd T/A Teys Australia Tamworth

EPL number 1328

Pollutant:

<i>Sample Date and time</i>	<i>Original Data</i>	<i>Corrected Data</i>	<i>Date Corrected</i>	<i>Date originally Published</i>	<i>Reason</i>

Note: No corrections required to date.