



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 2019 to the 20th May 2020.

All monitoring specified under EPL 1328 was completed in the 2018/2019 annual reporting period, which covered the period between 21st May 2018 and 20th May 2019.

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 29/05/2019	Date Obtained 6/06/2019	Date Sampled 27/11/2019	Date Obtained 16/12/19
<i>Biochemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2		<2		<2
<i>Chemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2		<20		41
<i>Conductivity</i>	Microsiemens/ Centimetre	6 Monthly	2		1.81		1.86
<i>Nitrate</i>	Milligrams/Litre	6 Monthly	2		10.8		11.2
<i>Nitrogen (Ammonia)</i>	Milligrams/Litre	6 Monthly	2		<0.01		0.1
<i>Nitrogen (total)</i>	Milligrams/Litre	6 Monthly	2		13		11.6
<i>Phosphorus (total)</i>	Milligrams/Litre	6 Monthly	2		<0.01		0.01

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 29/05/2019	Date Obtained 6/06/2019	Date Sampled 27/11/2019	Date Obtained 16/12/19
<i>Biochemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2		<2		<2
<i>Chemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2		<20		53
<i>Conductivity</i>	Microsiemens/ Centimetre	6 Monthly	2		1.31		0.95
<i>Nitrate</i>	Milligrams/Litre	6 Monthly	2		5.63		0.38
<i>Nitrogen (Ammonia)</i>	Milligrams/Litre	6 Monthly	2		<0.01		0.03
<i>Nitrogen (total)</i>	Milligrams/Litre	6 Monthly	2		6.5		0.7
<i>Phosphorus (total)</i>	Milligrams/Litre	6 Monthly	2		0.04		0.03

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 29/05/2019	Date Obtained 6/06/2019	Date Sampled 27/11/2019	Date Obtained 16/12/19
<i>Biochemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2		<2		<2
<i>Chemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2		<20		68
<i>Conductivity</i>	Microsiemens/ Centimetre	6 Monthly	2		2.72		2.68
<i>Nitrate</i>	Milligrams/Litre	6 Monthly	2		6.3		6.2
<i>Nitrogen (Ammonia)</i>	Milligrams/Litre	6 Monthly	2		0.76		0.05
<i>Nitrogen (total)</i>	Milligrams/Litre	6 Monthly	2		7.9		6.8
<i>Phosphorus (total)</i>	Milligrams/Litre	6 Monthly	2		0.1		0.12

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 29/05/2019	Date Obtained 6/06/2019	Date Sampled 27/11/2019	Date Obtained 16/12/19
<i>Biochemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2		<2		<2
<i>Chemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2		<20		<20
<i>Conductivity</i>	Microsiemens/ Centimetre	6 Monthly	2		2.12		2.06
<i>Nitrate</i>	Milligrams/Litre	6 Monthly	2		45.8		43
<i>Nitrogen (Ammonia)</i>	Milligrams/Litre	6 Monthly	2		<0.01		0.01
<i>Nitrogen (total)</i>	Milligrams/Litre	6 Monthly	2		50.8		48.2
<i>Phosphorus (total)</i>	Milligrams/Litre	6 Monthly	2		0.01		48.2

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 29/05/2019	Date Obtained 6/06/2019	Date Sampled 27/11/2019	Date Obtained 16/12/19
<i>Biochemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<2		<2	
<i>Chemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<20		43	
<i>Conductivity</i>	Microsiemens/ Centimetre	6 Monthly	2	2.05		2	
<i>Nitrate</i>	Milligrams/Litre	6 Monthly	2	37.4		40.2	
<i>Nitrogen (Ammonia)</i>	Milligrams/Litre	6 Monthly	2	<0.01		0.03	
<i>Nitrogen (total)</i>	Milligrams/Litre	6 Monthly	2	41.2		46.6	
<i>Phosphorus (total)</i>	Milligrams/Litre	6 Monthly	2	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 26/06/19	Date Obtained 5/07/19	Date Sampled 27/11/2019	Date Obtained 16/12/19
<i>Biochemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<2		<2	
<i>Chemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<20		<20	
<i>Conductivity</i>	Microsiemens/ Centimetre	6 Monthly	2	1		1.2	
<i>Nitrate</i>	Milligrams/Litre	6 Monthly	2	6		3.24	
<i>Nitrogen (Ammonia)</i>	Milligrams/Litre	6 Monthly	2	<0.1		<0.01	
<i>Nitrogen (total)</i>	Milligrams/Litre	6 Monthly	2	6.4		3.7	
<i>Phosphorus (total)</i>	Milligrams/Litre	6 Monthly	2	0.04		<0.01	

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.

One sample due to be collect from EPA test point 10 after repairs to the Bore are completed.