



**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 21<sup>st</sup> May 2019 to the 20<sup>th</sup> May 2020.

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

<b>Pollutant</b>	<b>Units of measure</b>	<b>Monitoring frequency required by licence</b>	<b>No. of times measured during the year</b>	<b>Sample 1</b>		<b>Sample 2</b>	
				<b>Date Sampled 29/05/2019</b>	<b>Date Obtained 6/06/2019</b>	<b>Date Sampled 27/11/2019</b>	<b>Date Obtained 16/12/19</b>
<i>Biochemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<2	11/06/2019	<2	16/12/19
<i>Chemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<20	11/06/2019	41	16/12/19
<i>Conductivity</i>	Microsiemens/ Centimetre	6 Monthly	2	1.81	11/06/2019	1.86	16/12/19
<i>Nitrate</i>	Milligrams/Litre	6 Monthly	2	10.8	11/06/2019	11.2	16/12/19
<i>Nitrogen (Ammonia)</i>	Milligrams/Litre	6 Monthly	2	<0.01	11/06/2019	0.1	16/12/19
<i>Nitrogen (total)</i>	Milligrams/Litre	6 Monthly	2	13	11/06/2019	11.6	16/12/19
<i>Phosphorus (total)</i>	Milligrams/Litre	6 Monthly	2	<0.01	11/06/2019	0.01	16/12/19

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

<b>Pollutant</b>	<b>Units of measure</b>	<b>Monitoring frequency required by licence</b>	<b>No. of times measured during the year</b>	<b>Sample 1</b>		<b>Sample 2</b>	
				<b>Date Sampled 29/05/2019</b>	<b>Date Obtained 6/06/2019</b>	<b>Date Sampled 27/11/2019</b>	<b>Date Obtained 16/12/19</b>
<i>Biochemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<2	11/06/2019	<2	16/12/19
<i>Chemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<20	11/06/2019	53	16/12/19
<i>Conductivity</i>	Microsiemens/ Centimetre	6 Monthly	2	1.31	11/06/2019	0.95	16/12/19
<i>Nitrate</i>	Milligrams/Litre	6 Monthly	2	5.63	11/06/2019	0.38	16/12/19
<i>Nitrogen (Ammonia)</i>	Milligrams/Litre	6 Monthly	2	<0.01	11/06/2019	0.03	16/12/19
<i>Nitrogen (total)</i>	Milligrams/Litre	6 Monthly	2	6.5	11/06/2019	0.7	16/12/19
<i>Phosphorus (total)</i>	Milligrams/Litre	6 Monthly	2	0.04	11/06/2019	0.03	16/12/19

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

<b>Pollutant</b>	<b>Units of measure</b>	<b>Monitoring frequency required by licence</b>	<b>No. of times measured during the year</b>	<b>Sample 1</b>		<b>Sample 2</b>	
				<b>Date Sampled 29/05/2019</b>	<b>Date Obtained 6/06/2019</b>	<b>Date Sampled 27/11/2019</b>	<b>Date Obtained 16/12/19</b>
<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**

<b>Pollutant</b>	<b>Units of measure</b>	<b>Monitoring frequency required by licence</b>	<b>No. of times measured during the year</b>	<b>Sample 1</b>		<b>Sample 2</b>	
				<b>Date Sampled 29/05/2019</b>	<b>Date Obtained 6/06/2019</b>	<b>Date Sampled 27/11/2019</b>	<b>Date Obtained 16/12/19</b>
<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**

<b>Pollutant</b>	<b>Units of measure</b>	<b>Monitoring frequency required by licence</b>	<b>No. of times measured during the year</b>	<b>Sample 1</b>		<b>Sample 2</b>	
				<b>Date Sampled 29/05/2019</b>	<b>Date Obtained 6/06/2019</b>	<b>Date Sampled 27/11/2019</b>	<b>Date Obtained 16/12/19</b>
<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**

<b>Pollutant</b>	<b>Units of measure</b>	<b>Monitoring frequency required by licence</b>	<b>No. of times measured during the year</b>	<b>Sample 1</b>		<b>Sample 2</b>	
				<b>Date Sampled 26/06/19</b>	<b>Date Obtained 5/07/19</b>	<b>Date Sampled 27/11/2019</b>	<b>Date Obtained 16/12/19</b>
<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:***

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

***Note: No corrections required to date.***

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