



**Teys Australia Tamworth**  
32 – 90 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.

All monitoring specified under EPL 1328 was completed in the 2011/2012 annual reporting period, which covered the period between 22 May 2011 and 21 May 2012.

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) 3287 2188.

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.environment.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 Date Sampled: 28/06/2012 Date Obtained: 12/07/2012 Date published...</b>	<b>Sample 2 Date Sampled: 6/12/2012 Date Obtained: 6/12/2012 Date published...</b>
Biochemical Oxygen Demand	Milligrams/Litre	6 Monthly	2	<2	<2
Chemical Oxygen Demand	Milligrams/Litre	6 Monthly	2	<20	<20
Conductivity	Microsiemens/ Centimetre	6 Monthly	2	1.75	1.78
Nitrate	Milligrams/Litre	6 Monthly	2	9.39	9.9
Nitrogen (Ammonia)	Milligrams/Litre	6 Monthly	2	0.02	<0.01
Nitrogen (total)	Milligrams/Litre	6 Monthly	2	11	11.7
Phosphorus (total)	Milligrams/Litre	6 Monthly	2	0.07	0.37

**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 Date Sampled: 28/06/2012 Date Obtained: 12/07/2012 Date published...</b>	<b>Sample 2 Date Sampled: 6/12/2012 Date Obtained: 6/12/2012 Date published...</b>
Biochemical Oxygen Demand	Milligrams/Litre	6 Monthly	2	<2	<2
Chemical Oxygen Demand	Milligrams/Litre	6 Monthly	2	<20	<20
Conductivity	Microsiemens/ Centimetre	6 Monthly	2	1.47	1.16
Nitrate	Milligrams/Litre	6 Monthly	2	5.05	1.4
Nitrogen (Ammonia)	Milligrams/Litre	6 Monthly	2	0.01	0.02
Nitrogen (total)	Milligrams/Litre	6 Monthly	2	6.6	2.1
Phosphorus (total)	Milligrams/Litre	6 Monthly	2	<0.01	0.02

**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 Date Sampled: 28/06/2012 Date Obtained: 12/07/2012 Date published...</b>	<b>Sample 2 Date Sampled: 6/12/2012 Date Obtained: 6/12/2012 Date published...</b>
Biochemical Oxygen Demand	Milligrams/Litre	6 Monthly	2	<2	<2
Chemical Oxygen Demand	Milligrams/Litre	6 Monthly	2	<20	<20
Conductivity	Microsiemens/ Centimetre	6 Monthly	2	3.34	3.42
Nitrate	Milligrams/Litre	6 Monthly	2	1.51	0.9
Nitrogen (Ammonia)	Milligrams/Litre	6 Monthly	2	0.09	0.31
Nitrogen (total)	Milligrams/Litre	6 Monthly	2	2.4	1.6
Phosphorus (total)	Milligrams/Litre	6 Monthly	2	0.04	0.1

**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 Date Sampled: 28/06/2012 Date Obtained: 12/07/2012 Date published...</b>	<b>Sample 2 Date Sampled: 6/12/2012 Date Obtained: 6/12/2012 Date published...</b>
Biochemical Oxygen Demand	Milligrams/Litre	6 Monthly	2	<2	<2
Chemical Oxygen Demand	Milligrams/Litre	6 Monthly	2	<20	<20
Conductivity	Microsiemens/ Centimetre	6 Monthly	2	2.42	2.37
Nitrate	Milligrams/Litre	6 Monthly	2	56.5	72.2
Nitrogen (Ammonia)	Milligrams/Litre	6 Monthly	2	0.01	0.02
Nitrogen (total)	Milligrams/Litre	6 Monthly	2	56.5	78
Phosphorus (total)	Milligrams/Litre	6 Monthly	2	<0.01	<0.02

**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 Date Sampled: 28/06/2012 Date Obtained: 12/07/2012 Date published...</b>	<b>Sample 2 Date Sampled: 6/12/2012 Date Obtained: 6/12/2012 Date published...</b>
Biochemical Oxygen Demand	Milligrams/Litre	6 Monthly	2	<2	<2
Chemical Oxygen Demand	Milligrams/Litre	6 Monthly	2	<20	<20
Conductivity	Microsiemens/ Centimetre	6 Monthly	2	2.38	2.33
Nitrate	Milligrams/Litre	6 Monthly	2	67.2	72.5
Nitrogen (Ammonia)	Milligrams/Litre	6 Monthly	2	0.03	<0.01
Nitrogen (total)	Milligrams/Litre	6 Monthly	2	67.3	76.9
Phosphorus (total)	Milligrams/Litre	6 Monthly	2	<0.01	0.03

**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 Date Sampled: 28/06/2012 Date Obtained: 12/07/2012 Date published...</b>	<b>Sample 2 Date Sampled: 6/12/2012 Date Obtained: 6/12/2012 Date published...</b>
Biochemical Oxygen Demand	Milligrams/Litre	6 Monthly	2	<2	<2
Chemical Oxygen Demand	Milligrams/Litre	6 Monthly	2	<20	<20
Conductivity	Microsiemens/ Centimetre	6 Monthly	2	1.2	1.23
Nitrate	Milligrams/Litre	6 Monthly	2	2.33	3.3
Nitrogen (Ammonia)	Milligrams/Litre	6 Monthly	2	0.02	<0.01
Nitrogen (total)	Milligrams/Litre	6 Monthly	2	3.1	4.4
Phosphorus (total)	Milligrams/Litre	6 Monthly	2	0.02	0.02

**Correction Log**  
**Teys 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.***