



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 2018 to the 20th May 2019.

All monitoring specified under EPL 1328 was completed in the 2017/2018 annual reporting period, which covered the period between 21st May 2017 and 20th May 2018.

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 30/05/2018	Date Obtained 3/07/2018	Date Sampled 28/11/18	Date Obtained 4/12/18
<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		1.76		1.83
<i>Nitrate</i>	Milligrams/Litre	6 Monthly	2		10.9		10.4
<i>Nitrogen (Ammonia)</i>	Milligrams/Litre	6 Monthly	2		<0.1		<0.1
<i>Nitrogen (total)</i>	Milligrams/Litre	6 Monthly	2		11		10.5
<i>Phosphorus (total)</i>	Milligrams/Litre	6 Monthly	2		<0.02		0.03

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 30/05/2018	Date Obtained 3/07/2018	Date Sampled 28/11/18	Date Obtained 4/12/18
<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		1.48		1.45
<i>Nitrate</i>	Milligrams/Litre	6 Monthly	2		6.1		5.2
<i>Nitrogen (Ammonia)</i>	Milligrams/Litre	6 Monthly	2		<0.1		<0.1
<i>Nitrogen (total)</i>	Milligrams/Litre	6 Monthly	2		6		5.4
<i>Phosphorus (total)</i>	Milligrams/Litre	6 Monthly	2		<0.02		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 30/05/2018	Date Obtained 3/07/2018	Date Sampled 28/11/18	Date Obtained 4/12/18
<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		2.77		2.61
<i>Nitrate</i>	Milligrams/Litre	6 Monthly	2		5.9		5.2
<i>Nitrogen (Ammonia)</i>	Milligrams/Litre	6 Monthly	2		<0.1		<0.1
<i>Nitrogen (total)</i>	Milligrams/Litre	6 Monthly	2		5.4		5.5
<i>Phosphorus (total)</i>	Milligrams/Litre	6 Monthly	2		0.04		0.11

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 30/05/2018	Date Obtained 3/07/2018	Date Sampled 28/11/18	Date Obtained 4/12/18
<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		1.98		2.17
<i>Nitrate</i>	Milligrams/Litre	6 Monthly	2		44.5		47
<i>Nitrogen (Ammonia)</i>	Milligrams/Litre	6 Monthly	2		<0.1		<0.1
<i>Nitrogen (total)</i>	Milligrams/Litre	6 Monthly	2		41.5		46.8
<i>Phosphorus (total)</i>	Milligrams/Litre	6 Monthly	2		0.05		0.04

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 30/05/2018	Date Obtained 3/07/2018	Date Sampled 28/11/18	Date Obtained 4/12/18
<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		1.92		2.05
<i>Nitrate</i>	Milligrams/Litre	6 Monthly	2		39.8		37.9
<i>Nitrogen (Ammonia)</i>	Milligrams/Litre	6 Monthly	2		<0.1		<0.1
<i>Nitrogen (total)</i>	Milligrams/Litre	6 Monthly	2		37.4		40.8
<i>Phosphorus (total)</i>	Milligrams/Litre	6 Monthly	2		0.03		0.04

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 30/05/2018	Date Obtained 3/07/2018	Date Sampled 28/11/18	Date Obtained 4/12/18
<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		1.09		1.16
<i>Nitrate</i>	Milligrams/Litre	6 Monthly	2		1.7		1.7
<i>Nitrogen (Ammonia)</i>	Milligrams/Litre	6 Monthly	2		<0.1		<0.1
<i>Nitrogen (total)</i>	Milligrams/Litre	6 Monthly	2		1.8		2
<i>Phosphorus (total)</i>	Milligrams/Litre	6 Monthly	2		<0.02		0.02

Correction Log

Tey 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.