



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 2016 to the 20th May 2017.

All monitoring specified under EPL 1328 was completed in the 2015/2016 annual reporting period, which covered the period between 21st May 2015 and 20th May 2016.

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 25/05/2016	Date Obtained 3/06/2016	Date Sampled 17/11/2016	Date Obtained 29/11/2016
<i>Biochemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<2		Pending Results Due to Access	
<i>Chemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<20		Pending Results Due to Access	
<i>Conductivity</i>	Microsiemens/ Centimetre	6 Monthly	2	1.8		Pending Results Due to Access	
<i>Nitrate</i>	Milligrams/Litre	6 Monthly	2	10.8		Pending Results Due to Access	
<i>Nitrogen (Ammonia)</i>	Milligrams/Litre	6 Monthly	2	0.01		Pending Results Due to Access	
<i>Nitrogen (total)</i>	Milligrams/Litre	6 Monthly	2	11.1		Pending Results Due to Access	
<i>Phosphorus (total)</i>	Milligrams/Litre	6 Monthly	2	0.01		Pending Results Due to Access	

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 25/05/2016	Date Obtained 3/06/2016	Date Sampled 17/11/2016	Date Obtained 29/11/2016
<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	1.32		1.48	
<i>Nitrate</i>	Milligrams/Litre	6 Monthly	2	2.92		5.1	
<i>Nitrogen (Ammonia)</i>	Milligrams/Litre	6 Monthly	2	<0.01		<0.1	
<i>Nitrogen (total)</i>	Milligrams/Litre	6 Monthly	2	3.2		5.3	
<i>Phosphorus (total)</i>	Milligrams/Litre	6 Monthly	2	<0.01		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 25/05/2016	Date Obtained 3/06/2016	Date Sampled 17/11/2016	Date Obtained 29/11/2016
<i>Biochemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2		<2		18
<i>Chemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2		<20		49
<i>Conductivity</i>	Microsiemens/ Centimetre	6 Monthly	2		2.92		3.2
<i>Nitrate</i>	Milligrams/Litre	6 Monthly	2		6.35		7.2
<i>Nitrogen (Ammonia)</i>	Milligrams/Litre	6 Monthly	2		0.22		0.5
<i>Nitrogen (total)</i>	Milligrams/Litre	6 Monthly	2		7.1		14
<i>Phosphorus (total)</i>	Milligrams/Litre	6 Monthly	2		0.03		0.35

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 25/05/2016	Date Obtained 3/06/2016	Date Sampled 17/11/2016	Date Obtained 29/11/2016
<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		1.72		1.99
<i>Nitrate</i>	Milligrams/Litre	6 Monthly	2		24.7		43.3
<i>Nitrogen (Ammonia)</i>	Milligrams/Litre	6 Monthly	2		0.08		<0.1
<i>Nitrogen (total)</i>	Milligrams/Litre	6 Monthly	2		25.8		44.8
<i>Phosphorus (total)</i>	Milligrams/Litre	6 Monthly	2		0.18		0.07

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 25/05/2016	Date Obtained 3/06/2016	Date Sampled 17/11/2016	Date Obtained 29/11/2016
<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		1.99	
<i>Nitrate</i>	Milligrams/Litre	6 Monthly	2	31		41.7	
<i>Nitrogen (Ammonia)</i>	Milligrams/Litre	6 Monthly	2	<0.01		<0.1	
<i>Nitrogen (total)</i>	Milligrams/Litre	6 Monthly	2	31.9		38.9	
<i>Phosphorus (total)</i>	Milligrams/Litre	6 Monthly	2	0.13		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 25/05/2016	Date Obtained 3/06/2016	Date Sampled 17/11/2016	Date Obtained 29/11/2016
<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	1.02		1.09	
<i>Nitrate</i>	Milligrams/Litre	6 Monthly	2	0.02		1.2	
<i>Nitrogen (Ammonia)</i>	Milligrams/Litre	6 Monthly	2	<0.01		<0.1	
<i>Nitrogen (total)</i>	Milligrams/Litre	6 Monthly	2	0.2		1.5	
<i>Phosphorus (total)</i>	Milligrams/Litre	6 Monthly	2	<0.01		<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.