



**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 2016 to the 20<sup>th</sup> May 2017.

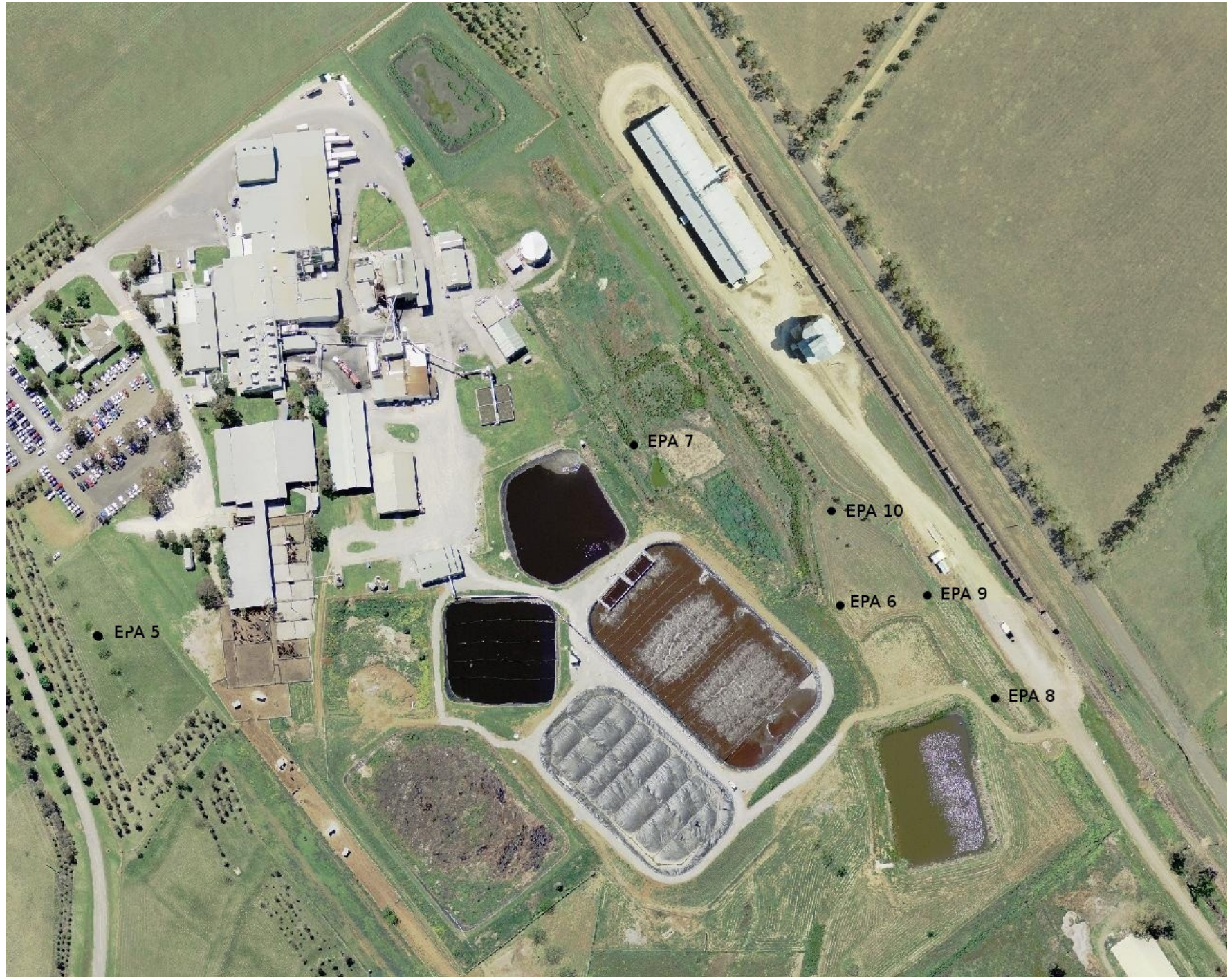
All monitoring specified under EPL 1328 was completed in the 2015/2016 annual reporting period, which covered the period between 21<sup>st</sup> May 2015 and 20<sup>th</sup> May 2016.

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 5

● EPA 7

● EPA 10

● EPA 6

● EPA 9

● EPA 8

**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 25/05/2016</b>	<b>Date Obtained 3/06/2016</b>	<b>Date Sampled 6/12/2016</b>	<b>Date Obtained 16/12/2016</b>
<i>Biochemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<2	6/06/2016	<2	21/12/2016
<i>Chemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<20	6/06/2016	<20	21/12/2016
<i>Conductivity</i>	Microsiemens/ Centimetre	6 Monthly	2	1.8	6/06/2016	1.82	21/12/2016
<i>Nitrate</i>	Milligrams/Litre	6 Monthly	2	10.8	6/06/2016	10.9	21/12/2016
<i>Nitrogen (Ammonia)</i>	Milligrams/Litre	6 Monthly	2	0.01	6/06/2016	<0.1	21/12/2016
<i>Nitrogen (total)</i>	Milligrams/Litre	6 Monthly	2	11.1	6/06/2016	11.3	21/12/2016
<i>Phosphorus (total)</i>	Milligrams/Litre	6 Monthly	2	0.01	6/06/2016	0.02	21/12/2016

**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 25/05/2016</b>	<b>Date Obtained 3/06/2016</b>	<b>Date Sampled 17/11/2016</b>	<b>Date Obtained 29/11/2016</b>
<i>Biochemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<2	6/06/2016	<2	2/12/2016
<i>Chemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<20	6/06/2016	<20	2/12/2016
<i>Conductivity</i>	Microsiemens/ Centimetre	6 Monthly	2	1.32	6/06/2016	1.48	2/12/2016
<i>Nitrate</i>	Milligrams/Litre	6 Monthly	2	2.92	6/06/2016	5.1	2/12/2016
<i>Nitrogen (Ammonia)</i>	Milligrams/Litre	6 Monthly	2	<0.01	6/06/2016	<0.1	2/12/2016
<i>Nitrogen (total)</i>	Milligrams/Litre	6 Monthly	2	3.2	6/06/2016	5.3	2/12/2016
<i>Phosphorus (total)</i>	Milligrams/Litre	6 Monthly	2	<0.01	6/06/2016	0.03	2/12/2016

**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 25/05/2016</b>	<b>Date Obtained 3/06/2016</b>	<b>Date Sampled 17/11/2016</b>	<b>Date Obtained 29/11/2016</b>
<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**

<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 25/05/2016</b>	<b>Date Obtained 3/06/2016</b>	<b>Date Sampled 17/11/2016</b>	<b>Date Obtained 29/11/2016</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		1.72		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**

<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 25/05/2016</b>	<b>Date Obtained 3/06/2016</b>	<b>Date Sampled 17/11/2016</b>	<b>Date Obtained 29/11/2016</b>
<i>Biochemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<2	6/06/2016	<2	2/12/2016
<i>Chemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<20	6/06/2016	<20	2/12/2016
<i>Conductivity</i>	Microsiemens/ Centimetre	6 Monthly	2	1.92	6/06/2016	1.99	2/12/2016
<i>Nitrate</i>	Milligrams/Litre	6 Monthly	2	31	6/06/2016	41.7	2/12/2016
<i>Nitrogen (Ammonia)</i>	Milligrams/Litre	6 Monthly	2	<0.01	6/06/2016	<0.1	2/12/2016
<i>Nitrogen (total)</i>	Milligrams/Litre	6 Monthly	2	31.9	6/06/2016	38.9	2/12/2016
<i>Phosphorus (total)</i>	Milligrams/Litre	6 Monthly	2	0.13	6/06/2016	0.04	2/12/2016

**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 25/05/2016</b>	<b>Date Obtained 3/06/2016</b>	<b>Date Sampled 17/11/2016</b>	<b>Date Obtained 29/11/2016</b>
<i>Biochemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<2	6/06/2016	<2	2/12/2016
<i>Chemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<20	6/06/2016	<20	2/12/2016
<i>Conductivity</i>	Microsiemens/ Centimetre	6 Monthly	2	1.02	6/06/2016	1.09	2/12/2016
<i>Nitrate</i>	Milligrams/Litre	6 Monthly	2	0.02	6/06/2016	1.2	2/12/2016
<i>Nitrogen (Ammonia)</i>	Milligrams/Litre	6 Monthly	2	<0.01	6/06/2016	<0.1	2/12/2016
<i>Nitrogen (total)</i>	Milligrams/Litre	6 Monthly	2	0.2	6/06/2016	1.5	2/12/2016
<i>Phosphorus (total)</i>	Milligrams/Litre	6 Monthly	2	<0.01	6/06/2016	<0.02	2/12/2016

**Correction Log**

**Teyes Australia Southern Property Pty Ltd T/A Teyes 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.*