



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. Our current reporting period is from 21st May 2014 to the 20th May 2015.

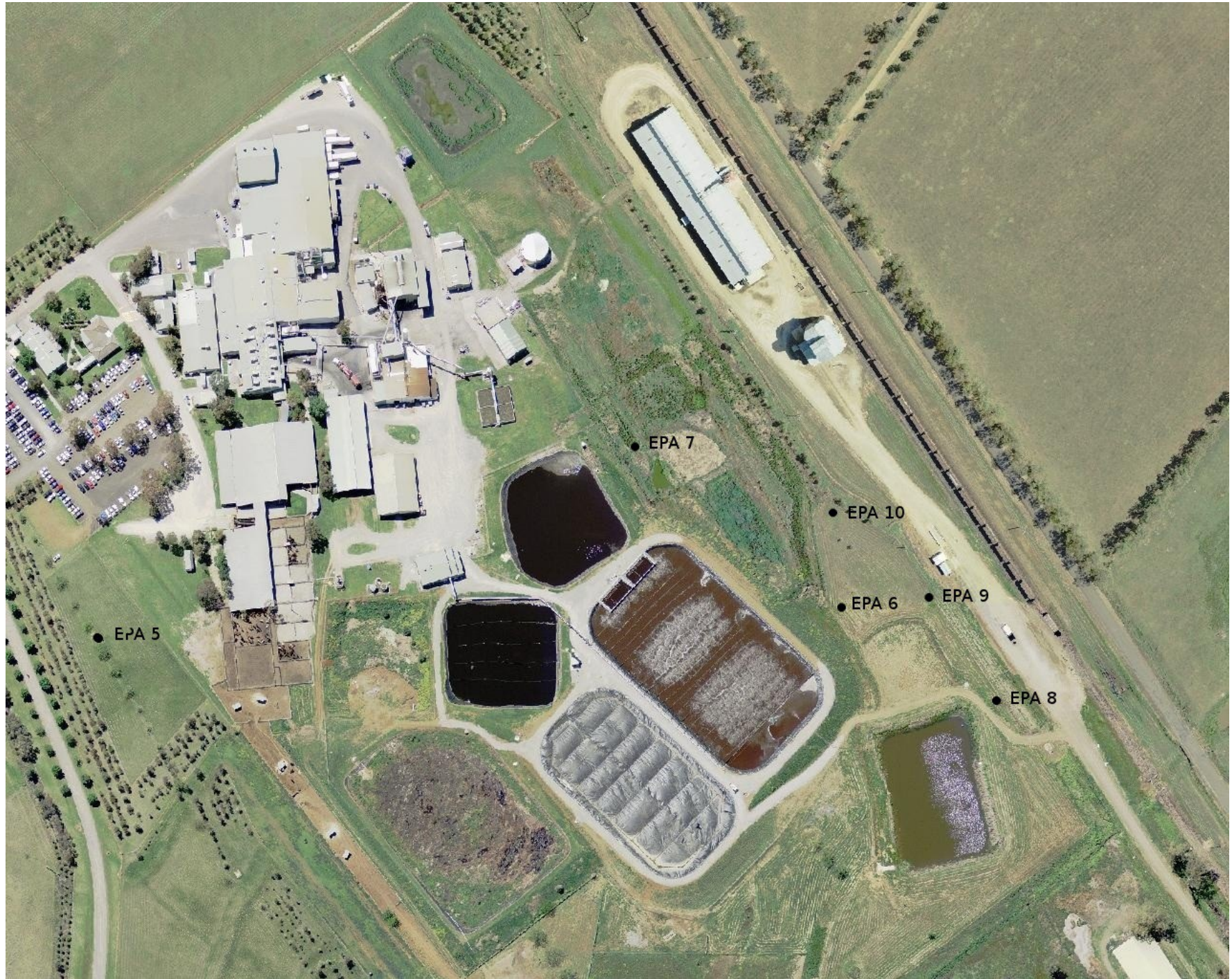
All monitoring specified under EPL 1328 was completed in the 2013/2014 annual reporting period, which covered the period between 21st May 2013 and 20th May 2014.

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

Pollutant	Units of measure	Monitoring frequency required by licence	No. of times measured during the year	Sample 1		Sample 2	
				Date Sampled 5/06/2014	Date Obtained 18/06/2014	Date Sampled 4/12/2014	Date Obtained 16/12/2014
<i>Biochemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<2		<2	
<i>Chemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<10		<20	
<i>Conductivity</i>	Microsiemens/ Centimetre	6 Monthly	2	1.79		1.79	
<i>Nitrate</i>	Milligrams/Litre	6 Monthly	2	11.1		11.2	
<i>Nitrogen (Ammonia)</i>	Milligrams/Litre	6 Monthly	2	<0.1		<0.1	
<i>Nitrogen (total)</i>	Milligrams/Litre	6 Monthly	2	10.9		12.4	
<i>Phosphorus (total)</i>	Milligrams/Litre	6 Monthly	2	0.02		0.04	

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 5/06/2014	Date Obtained 18/06/2014	Date Sampled 4/12/2014	Date Obtained 16/12/2014
<i>Biochemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<2		<2	
<i>Chemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<10		<20	
<i>Conductivity</i>	Microsiemens/ Centimetre	6 Monthly	2	1.61		1.7	
<i>Nitrate</i>	Milligrams/Litre	6 Monthly	2	6.3		7.5	
<i>Nitrogen (Ammonia)</i>	Milligrams/Litre	6 Monthly	2	<0.1		<0.1	
<i>Nitrogen (total)</i>	Milligrams/Litre	6 Monthly	2	6.6		8.6	
<i>Phosphorus (total)</i>	Milligrams/Litre	6 Monthly	2	<0.025		0.04	

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 5/06/2014	Date Obtained 18/06/2014	Date Sampled 4/12/2014	Date Obtained 16/12/2014
<i>Biochemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<2		<2	
<i>Chemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<10		<20	
<i>Conductivity</i>	Microsiemens/ Centimetre	6 Monthly	2	3.03		3.01	
<i>Nitrate</i>	Milligrams/Litre	6 Monthly	2	4.2		4.7	
<i>Nitrogen (Ammonia)</i>	Milligrams/Litre	6 Monthly	2	<0.1		<0.1	
<i>Nitrogen (total)</i>	Milligrams/Litre	6 Monthly	2	4.3		5.3	
<i>Phosphorus (total)</i>	Milligrams/Litre	6 Monthly	2	0.04		0.06	

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 5/06/2014	Date Obtained 18/06/2014	Date Sampled 4/12/2014	Date Obtained 16/12/2014
<i>Biochemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<2		<2	
<i>Chemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<10		<20	
<i>Conductivity</i>	Microsiemens/ Centimetre	6 Monthly	2	2.3		2.35	
<i>Nitrate</i>	Milligrams/Litre	6 Monthly	2	64		63.8	
<i>Nitrogen (Ammonia)</i>	Milligrams/Litre	6 Monthly	2	<0.1		<0.01	
<i>Nitrogen (total)</i>	Milligrams/Litre	6 Monthly	2	67		63.9	
<i>Phosphorus (total)</i>	Milligrams/Litre	6 Monthly	2	0.02		0.16	

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 5/06/2014	Date Obtained 18/06/2014	Date Sampled 4/12/2014	Date Obtained 16/12/2014
<i>Biochemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<2	<2	<2	<2
<i>Chemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<10	<10	<20	<20
<i>Conductivity</i>	Microsiemens/ Centimetre	6 Monthly	2	2.25	2.25	2.31	2.31
<i>Nitrate</i>	Milligrams/Litre	6 Monthly	2	53.3	53.3	58.4	58.4
<i>Nitrogen (Ammonia)</i>	Milligrams/Litre	6 Monthly	2	<0.1	<0.1	<0.1	<0.1
<i>Nitrogen (total)</i>	Milligrams/Litre	6 Monthly	2	59.4	59.4	65.1	65.1
<i>Phosphorus (total)</i>	Milligrams/Litre	6 Monthly	2	0.04	0.04	0.16	0.16

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 5/06/2014	Date Obtained 18/06/2014	Date Sampled 9/01/2014	Date Obtained 21/01/2014
<i>Biochemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<2	<2	<2	<2
<i>Chemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<10	<10	<10	<10
<i>Conductivity</i>	Microsiemens/ Centimetre	6 Monthly	2	1.34	1.34	1.44	1.44
<i>Nitrate</i>	Milligrams/Litre	6 Monthly	2	3.6	3.6	4.5	4.5
<i>Nitrogen (Ammonia)</i>	Milligrams/Litre	6 Monthly	2	<0.1	<0.1	<0.1	<0.1
<i>Nitrogen (total)</i>	Milligrams/Litre	6 Monthly	2	3.7	3.7	4.6	4.6
<i>Phosphorus (total)</i>	Milligrams/Litre	6 Monthly	2	0.03	0.03	0.24	0.24

Correction Log
Teys Australia Southern Property Pty Ltd T/A Tey 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>
Bore 10, 09/01/14, 10.15am	None Available at time of sampling	N/A	29/01/14	16/12/14	Test Bore 10 was not able to be sampled due to a blockage in the bore on the due date. Bore was cleared and sample taken ASAP.

Note: No corrections required to date.