



**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 22 May 2013 to 21 May 2014.

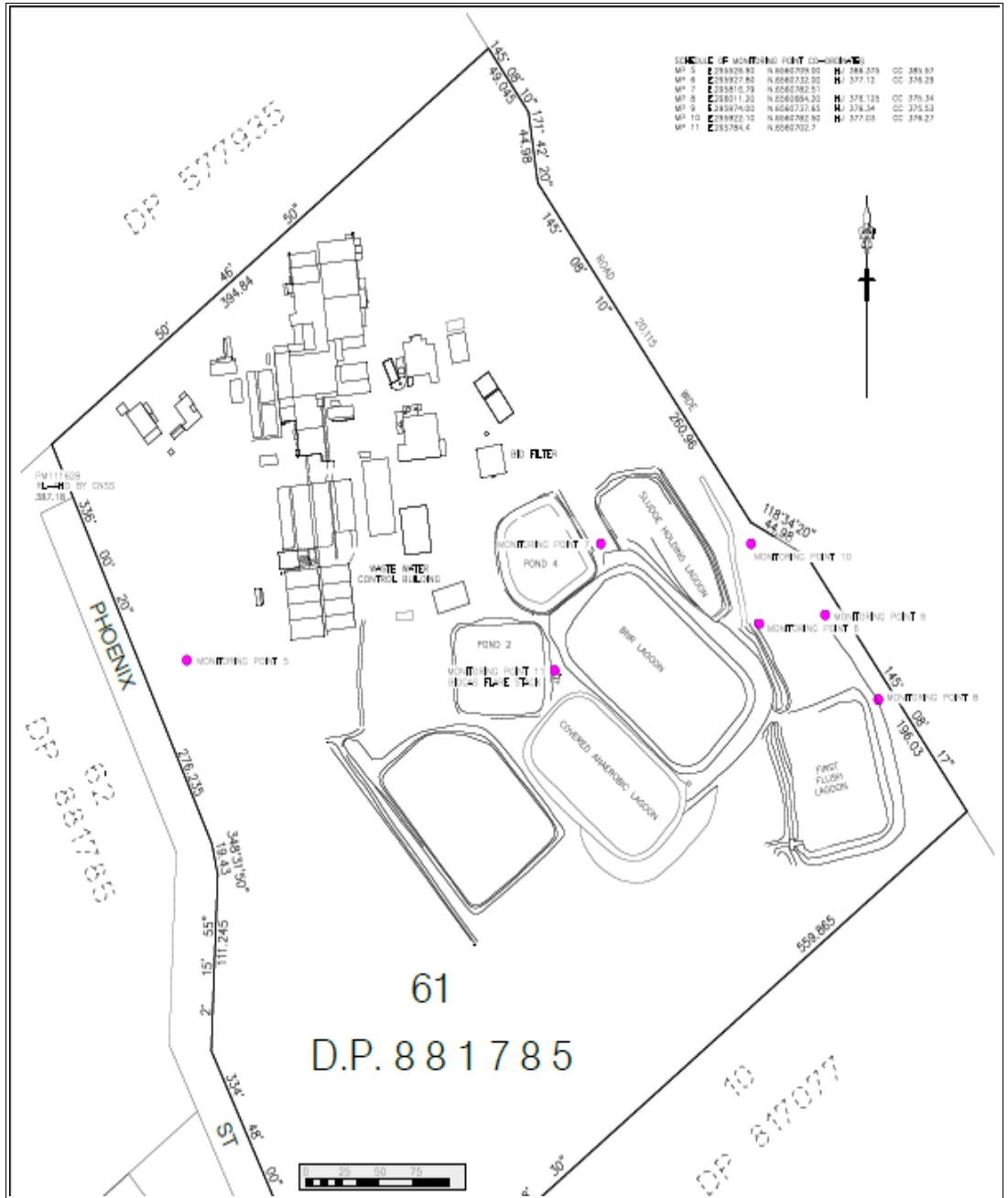
All monitoring specified under EPL 1328 was completed in the 2012/2013 annual reporting period, which covered the period between 22 May 2012 and 21 May 2013.

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/>



MONITORING POINT	COORDINATES	ELEVATION
MP 1	289922.10 N, 8066792.10 E	378.27
MP 2	289922.10 N, 8066792.10 E	378.27
MP 3	289922.10 N, 8066792.10 E	378.27
MP 4	289922.10 N, 8066792.10 E	378.27
MP 5	289922.10 N, 8066792.10 E	378.27
MP 6	289922.10 N, 8066792.10 E	378.27
MP 7	289922.10 N, 8066792.10 E	378.27
MP 8	289922.10 N, 8066792.10 E	378.27
MP 9	289922.10 N, 8066792.10 E	378.27
MP 10	289922.10 N, 8066792.10 E	378.27



**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: 27/06/2013</b>	<b>Date Obtained: 18/07/2013</b>	<b>Date Sampled: 11/12/2013</b>	<b>Date Obtained: 23/12/2013</b>
<i>Biochemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<2		<2	
<i>Chemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<10		<10	
<i>Conductivity</i>	Microsiemens/ Centimetre	6 Monthly	2	1.71		1.77	
<i>Nitrate</i>	Milligrams/Litre	6 Monthly	2	12.6		12	
<i>Nitrogen (Ammonia)</i>	Milligrams/Litre	6 Monthly	2	<.03		<.03	
<i>Nitrogen (total)</i>	Milligrams/Litre	6 Monthly	2	11.8		12	
<i>Phosphorus (total)</i>	Milligrams/Litre	6 Monthly	2	<.02		0.07	

**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: 27/06/2013</b>	<b>Date Obtained: 18/07/2013</b>	<b>Date Sampled: 11/12/2013</b>	<b>Date Obtained: 23/12/2013</b>
<i>Biochemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<2		<2	
<i>Chemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<10		<10	
<i>Conductivity</i>	Microsiemens/ Centimetre	6 Monthly	2	1.11		1.34	
<i>Nitrate</i>	Milligrams/Litre	6 Monthly	2	1.2		1.2	
<i>Nitrogen (Ammonia)</i>	Milligrams/Litre	6 Monthly	2	<.03		<.03	
<i>Nitrogen (total)</i>	Milligrams/Litre	6 Monthly	2	1.6		1.4	
<i>Phosphorus (total)</i>	Milligrams/Litre	6 Monthly	2	.05		0.36	

**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: 27/06/2013</b>	<b>Date Obtained: 18/07/2013</b>	<b>Date Sampled: 11/12/2013</b>	<b>Date Obtained: 23/12/2013</b>
<i>Biochemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<2		2	
<i>Chemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<10		<10	
<i>Conductivity</i>	Microsiemens/ Centimetre	6 Monthly	2	3.2		3.19	
<i>Nitrate</i>	Milligrams/Litre	6 Monthly	2	2.9		0.08	
<i>Nitrogen (Ammonia)</i>	Milligrams/Litre	6 Monthly	2	.04		<.03	
<i>Nitrogen (total)</i>	Milligrams/Litre	6 Monthly	2	3.5		1	
<i>Phosphorus (total)</i>	Milligrams/Litre	6 Monthly	2	.17		0.16	

**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: 27/06/2013</b>	<b>Date Obtained: 18/07/2013</b>	<b>Date Sampled: 11/12/2013</b>	<b>Date Obtained: 23/12/2013</b>
<i>Biochemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<2		<2	
<i>Chemical Oxygen Demand</i>	Milligrams/Litre	6 Monthly	2	<10		<10	
<i>Conductivity</i>	Microsiemens/ Centimetre	6 Monthly	2	2.24		1.21	
<i>Nitrate</i>	Milligrams/Litre	6 Monthly	2	71.6		1.3	
<i>Nitrogen (Ammonia)</i>	Milligrams/Litre	6 Monthly	2	<.03		<.03	
<i>Nitrogen (total)</i>	Milligrams/Litre	6 Monthly	2	69.1		1.7	
<i>Phosphorus (total)</i>	Milligrams/Litre	6 Monthly	2	<.02		0.14	

**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: 27/06/2013</b>	<b>Date Obtained: 18/07/2013</b>	<b>Date published: 23/07/2013</b>	<b>Date Sampled: 11/12/2013</b>
Biochemical Oxygen Demand	Milligrams/Litre	6 Monthly	2	<2			<2
Chemical Oxygen Demand	Milligrams/Litre	6 Monthly	2	<10			<10
Conductivity	Microsiemens/ Centimetre	6 Monthly	2	2.22			2.17
Nitrate	Milligrams/Litre	6 Monthly	2	78			64.3
Nitrogen (Ammonia)	Milligrams/Litre	6 Monthly	2	<.03			<.03
Nitrogen (total)	Milligrams/Litre	6 Monthly	2	77.5			64.9
Phosphorus (total)	Milligrams/Litre	6 Monthly	2	<.02			0.36

**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: 27/06/2013</b>	<b>Date Obtained: 18/07/2013</b>	<b>Date published: 23/07/2013</b>	<b>Date Sampled: 11/12/2013</b>
Biochemical Oxygen Demand	Milligrams/Litre	6 Monthly	2	<2			<2
Chemical Oxygen Demand	Milligrams/Litre	6 Monthly	2	11			<10
Conductivity	Microsiemens/ Centimetre	6 Monthly	2	1.19			2.15
Nitrate	Milligrams/Litre	6 Monthly	2	3.1			58.3
Nitrogen (Ammonia)	Milligrams/Litre	6 Monthly	2	<.03			<.03
Nitrogen (total)	Milligrams/Litre	6 Monthly	2	3.3			57.9
Phosphorus (total)	Milligrams/Litre	6 Monthly	2	.08			0.12

**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.***