



Yara Pilbara Nitrates Pty Ltd  
Air Quality Monitoring Report  
May 2026

18/06//2026 650-200-REP-YPN-0104 Rev 0

**Ambient Air Concentration of Gases**  
**NH<sub>3</sub>, NO<sub>2</sub> and SO<sub>2</sub>**

Site	Date On	Date Off	NH3	NO2	SO2
			µg/m3	µg/m3	µg/m3
Site 5 - Burrup Road	No new results to date				
Site 6 - Water Tanks					
Site 7 - Hearsons Cove					

**Notes:**

(1) Site 7 renamed from Deep Gorge to Hearsons Cove due to site relocation in April 2020



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**Airborne Particulate Concentration**  
**Total Suspended Particulates (TSP)**

Period Start Date <sup>(1),(2)</sup>	Site 5 (Burrup Road) TSP	Site 6 (Water Tanks) TSP	Site 7 (Hearsons Cove) TSP
	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$
14/04/2026	21	19	15
20/04/2026	41	23	22
26/04/2026	23	22	23
2/05/2026	25	14	16

**Notes:**

(1) The date is the date that sampling commenced.

(2) The Low Volume Air Sampler unit runs for a nominal 24 hours.



**Deposited Dust - Total Dust Deposition per Month  
 Insoluble and Soluble Fraction**

<b>Site 5 - Burrup Road</b>		<b>Date Deployed</b>	<b>26/02/2026</b>
		<b>Date Collected</b>	<b>24/03/2026</b>
<b>Parameter</b>	<b>Unit</b>	<b>Limit of reporting</b>	
<b>Soluble solids</b>	<b>g/m<sup>2</sup>/month</b>	0.7	1.9
<b>Insoluble solids</b>	<b>g/m<sup>2</sup>/month</b>	0.8	1.6

<b>Site 6 - Water Tanks</b>		<b>Date Deployed</b>	<b>26/02/2026</b>
		<b>Date Collected</b>	<b>24/03/2026</b>
<b>Parameter</b>	<b>Unit</b>	<b>Limit of reporting</b>	
<b>Soluble solids</b>	<b>g/m<sup>2</sup>/month</b>	0.7	1.4
<b>Insoluble solids</b>	<b>g/m<sup>2</sup>/month</b>	0.8	1.0

<b>Site 7 – Hearsons Cove</b>		<b>Date Deployed</b>	<b>26/02/2026</b>
		<b>Date Collected</b>	<b>24/03/2026</b>
<b>Parameter</b>	<b>Unit</b>	<b>Limit of reporting</b>	
<b>Soluble solids</b>	<b>g/m<sup>2</sup>/month</b>	0.7	2.8
<b>Insoluble solids</b>	<b>g/m<sup>2</sup>/month</b>	0.8	1.3

**Notes:**

(1) Site 7 renamed from Deep Gorge to Hearsons Cove due to site relocation in April 2020.