

# North Head Water Resource Recovery Facility

## July Pollution Monitoring Summary

### Air Quality



#### EPL 378

Summary period: 01-07-2024 to 31-07-2024

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Licensee: Sydney Water

PO Box 399

PARRAMATTA NSW 2124

EPA Point 33		Point description: Ventilation outlet at Scotts Creek					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	maximum limit	within limits*
hydrogen sulphide gas	mg/m <sup>3</sup>	30 minutes	1488	<0.004	<0.004	5	yes

EPA Point 34		Point description: Ventilation outlet at Lane Cove River West					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	maximum limit	within limits*
hydrogen sulphide gas	mg/m <sup>3</sup>	30 minutes	1488	<0.004	<0.004	5	yes

EPA Point 35		Point description: Ventilation outlet at North Head STP for Northside Storage Tunnel					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	maximum limit	within limits*
hydrogen sulphide gas	mg/m <sup>3</sup>	30 minutes	1488	<0.01	0.10	5	yes

EPA Point 63		Point description: Central scrubber outlet at North Head STP					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	maximum limit	within limits*
chlorine gas	mg/m <sup>3</sup>	30 minutes	1488	<0.15	1.17	200	yes
hydrogen sulphide gas	mg/m <sup>3</sup>	30 minutes	1488	<0.075	1.41	5	yes

EPA Point 66		Point description: Bio Trickle Filter / Standby Scrubber at North Head STP					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	maximum limit	within limits*
chlorine gas	mg/m <sup>3</sup>	30 minutes	1488	<0.59	<0.59	200	yes
hydrogen sulphide gas	mg/m <sup>3</sup>	30 minutes	1488	<0.071	0.21	5	yes

\*Maximum limits for air quality are based on the Protection of the Environment Operations (Clean Air) Regulation 2010 - Schedule 4 Standards of concentration for scheduled premises: general activities and plant.