

# Hornsby Heights Wastewater Treatment Plant

## 2022-23 Pollution monitoring yearly limit summaries



### EPL 750

Summary period: 01-07-2022 to 30-06-2023

Date published: 01-09-2023

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

50 percentile yearly summary								
EPA Point 5 Site code HH0005		Point description: Downstream of the disinfection facilities						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	50 percentile limit	50 percentile value	within limits
biochemical oxygen demand	mg/L	every 6 days	61	<2	24	10	<2	yes
Ceriodaphnia dubia immobilisation (EC50)	% Effluent/Vol	monthly	12	100	100	50	100	yes
nitrogen (ammonia)	mg/L	every 6 days	61	<0.01	4.12	0.9	0.01	yes
nitrogen (total)	mg/L	every 6 days	61	0.77	9.66	10	4.51	yes
phosphorus (total)	mg/L	every 6 days	61	0.02	0.54	0.3	0.04	yes
total suspended solids	mg/L	every 6 days	61	<2	18	5	<2	yes

80 percentile yearly summary								
EPA Point 5 Site code HH0005		Point description: Downstream of the disinfection facilities						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	80 percentile limit	80 percentile value	within limits
faecal coliforms	CFU/100mL	every 6 days	60	<1	280,000	200	22	yes

# Hornsby Heights Wastewater Treatment Plant

## 2022-23 Pollution monitoring yearly limit summaries



### EPL 750

Summary period: 01-07-2022 to 30-06-2023

Date published: 01-09-2023

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

90 percentile yearly summary								
EPA Point 5 Site code HH0005		Point description: Downstream of the disinfection facilities						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	90 percentile limit	90 percentile value	within limits
aluminium	ug/L	monthly	12	<5	166	1,100	112	yes
biochemical oxygen demand	mg/L	every 6 days	61	<2	24	15	<2	yes
copper	ug/L	monthly	12	1.2	2.9	12	2.8	yes
diazinon	ug/L	monthly	12	<0.1	<0.1	0.1	<0.1	yes
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	<30	60	<30	yes
iron	ug/L	monthly	12	16	199	1,900	72	yes
nitrogen (ammonia)	mg/L	every 6 days	61	<0.01	4.12	1.4	0.61	yes
nitrogen (total)	mg/L	every 6 days	61	0.77	9.66	15	7.13	yes
phosphorus (total)	mg/L	every 6 days	61	0.02	0.54	1	0.09	yes
total suspended solids	mg/L	every 6 days	61	<2	18	10	3	yes
zinc	ug/L	monthly	12	6	15	42	13	yes

# Hornsby Heights Wastewater Treatment Plant

## 2022-23 Pollution monitoring yearly limit summaries



### EPL 750

Summary period: 01-07-2022 to 30-06-2023

Date published: 01-09-2023

**Licensee:** Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Average yearly summary								
EPA Point 5 Site code HH0005		Point description: Downstream of the disinfection facilities						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	Average Limit	Average value	within limits
aluminium	ug/L	monthly	12	<5	166	420	82	yes
copper	ug/L	monthly	12	1.2	2.9	8	2	yes
diazinon	ug/L	monthly	12	<0.1	<0.1	0.2	<0.1	yes
hydrogen sulphide (unionised)	ug/L	monthly	12	<30	<30	30	<30	yes
iron	ug/L	monthly	12	16	199	520	43	yes
zinc	ug/L	monthly	12	6	15	19	9	yes