

Malabar Water Resource Recovery Facility

June Pollution Monitoring Summary



Air Quality

EPL 372

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

Date obtained: 05-07-2023

Date published: 19-07-2023

Licensee: Sydney Water

PO Box 399

PARRAMATTA NSW 2124

Table 1: Routine monitoring data

EPA Point 1	Point description: Air sampling outlet of the foul air scrubbers						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	maximum limit	within limits*
chlorine gas	mg/m ³	30 minutes	1440	<0.30	0.62	200	yes
hydrogen sulphide gas	mg/m ³	30 minutes	1440	<0.07	1.23	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.*

Malabar Water Resource Recovery Facility

May Pollution Monitoring Summary



Air Quality

EPL 372

Summary period: 01-05-2023 to 31-05-2023

Date obtained: 05-06-2023

Date published: 13-06-2023

Licensee: Sydney Water

PO Box 399

PARRAMATTA NSW 2124

Table 1: Routine monitoring data

EPA Point 1	Point description: Air sampling outlet of the foul air scrubbers						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	maximum limit	within limits*
chlorine gas	mg/m ³	30 minutes	1488	<0.30	0.77	200	yes
hydrogen sulphide gas	mg/m ³	30 minutes	1488	<0.07	0.36	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.*

Malabar Water Resource Recovery Facility

April Pollution Monitoring Summary



Air Quality

EPL 372

Summary period: 01-04-2023 to 30-04-2023

Date obtained: 05-05-2023

Date published: 12-05-2023

Licensee: Sydney Water

PO Box 399

PARRAMATTA NSW 2124

Table 1: Routine monitoring data

EPA Point 1	Point description: Air sampling outlet of the foul air scrubbers						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	maximum limit	within limits*
chlorine gas	mg/m ³	30 minutes	1440	<0.30	0.80	200	yes
hydrogen sulphide gas	mg/m ³	30 minutes	1440	<0.07	0.14	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.*

Malabar Water Resource Recovery Facility

March Pollution Monitoring Summary



Air Quality

EPL 372

Summary period: 01-03-2023 to 31-03-2023

Date obtained: 06-04-2023

Date published: 14-04-2023

Licensee: Sydney Water

PO Box 399

PARRAMATTA NSW 2124

Table 1: Routine monitoring data

EPA Point 1	Point description: Air sampling outlet of the foul air scrubbers						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	maximum limit	within limits*
chlorine gas	mg/m ³	30 minutes	1488	<0.30	1.83	200	yes
hydrogen sulphide gas	mg/m ³	30 minutes	1488	<0.07	<0.07	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.*

Malabar Water Resource Recovery Facility February Pollution Monitoring Summary



Air Quality

EPL 372

Summary period: 01-02-2023 to 28-02-2023

Date obtained: 09-03-2023

Date published: 17-03-2023

Licensee: Sydney Water

PO Box 399

PARRAMATTA NSW 2124

Table 1: Routine monitoring data

EPA Point 1	Point description: Air sampling outlet of the foul air scrubbers						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	maximum limit	within limits*
chlorine gas	mg/m ³	30 minutes	1344	0.32	1.52	200	yes
hydrogen sulphide gas	mg/m ³	30 minutes	1344	<0.07	<0.07	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.*

Malabar Water Resource Recovery Facility

January Pollution Monitoring Summary



Air Quality

EPL 372

Summary period: 01-01-2023 to 31-01-2023

Date obtained: 10-02-2023

Date published: 17-02-2023

Licensee: Sydney Water

PO Box 399

PARRAMATTA NSW 2124

Table 1: Routine monitoring data

EPA Point 1	Point description: Air sampling outlet of the foul air scrubbers						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	maximum limit	within limits*
chlorine gas	mg/m ³	30 minutes	1488	<0.30	1.08	200	yes
hydrogen sulphide gas	mg/m ³	30 minutes	1488	<0.07	<0.07	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.*

Malabar Water Resource Recovery Facility December Pollution Monitoring Summary



Air Quality

EPL 372

Summary period: 01-12-2022 to 31-12-2022

Date obtained: 31-01-2023

Date published: 03-02-2023

Licensee: Sydney Water

PO Box 399

PARRAMATTA NSW 2124

Table 1: Routine monitoring data

EPA Point 1	Point description: Air sampling outlet of the foul air scrubbers						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	maximum limit	within limits*
chlorine gas	mg/m ³	30 minutes	1488	<0.30	2.24	200	yes
hydrogen sulphide gas	mg/m ³	30 minutes	1487 ¹	<0.07	0.53	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.*

¹One data point on 19th December 2022 at 11:30am not available due to H2S instrument calibration during this time.

Malabar Water Resource Recovery Facility November Pollution Monitoring Summary



Air Quality

EPL 372

Summary period: 01-11-2022 to 30-11-2022

Date obtained: 12-12-2022

Date published: 19-12-2022

Licensee: Sydney Water

PO Box 399

PARRAMATTA NSW 2124

Table 1: Routine monitoring data

EPA Point 1	Point description: Air sampling outlet of the foul air scrubbers						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	maximum limit	within limits*
chlorine gas	mg/m ³	30 minutes	1400	<0.30	4.75	200	yes
hydrogen sulphide gas	mg/m ³	30 minutes	1400	<0.07	0.08	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.*

Malabar Water Resource Recovery Facility

October Pollution Monitoring Summary Air Quality

EPL 372



Summary period: 01-10-2022 to 31-10-2022

Date obtained: 03-11-2022

Date published: 17-11-2022

Licensee: Sydney Water

PO Box 399

PARRAMATTA NSW 2124

Table 1: Routine monitoring data

EPA Point 1	Point description: Air sampling outlet of the foul air scrubbers						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	maximum limit	within limits*
chlorine gas	mg/m ³	30 minutes	1488	<0.30	4.47	200	yes
hydrogen sulphide gas	mg/m ³	30 minutes	1488	<0.07	<0.07	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.*

Malabar Water Resource Recovery Facility September Pollution Monitoring Summary



Air Quality

EPL 372

Summary period: 01-09-2022 to 30-09-2022

Date obtained: 20-10-2022

Date published: 25-10-2022

Licensee: Sydney Water

PO Box 399

PARRAMATTA NSW 2124

Table 1: Routine monitoring data

EPA Point 1	Point description: Air sampling outlet of the foul air scrubbers						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	maximum limit	within limits*
chlorine gas	mg/m ³	30 minutes	1440	<0.30	0.75	200	yes
hydrogen sulphide gas	mg/m ³	30 minutes	1440	<0.70	<0.70	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.*

Malabar Water Resource Recovery Facility

August Pollution Monitoring Summary



Air Quality

EPL 372

Summary period: 01-08-2022 to 31-08-2022

Date obtained: 07-09-2022

Date published: 21-09-2022

Licensee: Sydney Water

PO Box 399

PARRAMATTA NSW 2124

Table 1: Routine monitoring data

EPA Point 1	Point description: Air sampling outlet of the foul air scrubbers						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	maximum limit	within limits*
chlorine gas	mg/m ³	30 minutes	1488	<0.30	0.62	200	yes
hydrogen sulphide gas	mg/m ³	30 minutes	1488	<0.70	<0.70	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.*

Malabar Water Resource Recovery Facility

July Pollution Monitoring Summary



Air Quality

EPL 372

Licensee: Sydney Water
PO Box 399
PARRAMATTA NSW 2124

Summary period: 01-07-2022 to 31-07-2022

Date obtained: 04-08-2022

Date published: 18-08-2022

Table 1: Routine monitoring data

EPA Point 1	Point description: Air sampling outlet of the foul air scrubbers						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	maximum limit	within limits*
chlorine gas	mg/m ³	30 minutes	1488	<0.30	0.30	200	yes
hydrogen sulphide gas	mg/m ³	30 minutes	1488	<0.07	<0.07	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.*