

Malabar Wastewater Treatment Plant

June Pollution Monitoring Summary

Air Quality



EPL 372

Summary period: 1-06-2019 to 30-06-2019
Date obtained: 03-07-2019
Date published: 17-07-2019

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	<0.30	200	yes
hydrogen sulphide gas	mg/m ³	30 minutes	1440	<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 Wastewater Treatment Plant

May Pollution Monitoring Summary

Air Quality



EPL 372

Summary period: 1-05-2019 to 31-05-2019

Date obtained: 14-06-2019

Date published: 20-06-2019

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	<0.30	200	yes
hydrogen sulphide gas	mg/m ³	30 minutes	1488	<0.07	0.16	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 Wastewater Treatment Plant

April Pollution Monitoring Summary

Air Quality



EPL 372

Summary period: 1-04-2019 to 30-04-2019
Date obtained: 01-05-2019
Date published: 13-05-2019

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	<0.30	200	yes
hydrogen sulphide gas	mg/m ³	30 minutes	1440	<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 Wastewater Treatment Plant

March Pollution Monitoring Summary

Air Quality



EPL 372

Summary period: 1-03-2019 to 31-03-2019
Date obtained: 03-04-2019
Date published: 12-04-2019

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	<0.30	200	yes
hydrogen sulphide gas	mg/m ³	30 minutes	1488	<0.07	0.09	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 Wastewater Treatment Plant

February Pollution Monitoring Summary

Air Quality



EPL 372

Summary period: 1-02-2019 to 28-02-2019
Date obtained: 05-03-2019
Date published: 15-03-2019

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	<0.30	<0.30	200	yes
hydrogen sulphide gas	mg/m ³	30 minutes	1344	<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 Wastewater Treatment Plant

January Pollution Monitoring Summary

Air Quality



EPL 372

Summary period: 1-01-2019 to 31-01-2019
Date obtained: 05-02-2019
Date published: 18-02-2019

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	<0.30	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.*

Malabar Wastewater Treatment Plant

December Pollution Monitoring Summary

Air Quality



EPL 372

Summary period: 1-12-2018 to 31-12-2018
Date obtained: 02-01-2019
Date published: 11-01-2019

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	<0.30	200	yes
hydrogen sulphide gas	mg/m ³	30 minutes	1487^	<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.*

^One less sample collected due to sensor calibration

Malabar Wastewater Treatment Plant

November Pollution Monitoring Summary

Air Quality



EPL 372

Summary period: 1-11-2018 to 30-11-2018
Date obtained: 05-12-2018
Date published: 18-12-2018

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	<0.30	200	yes
hydrogen sulphide gas	mg/m ³	30 minutes	1440	<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 Wastewater Treatment Plant

October Pollution Monitoring Summary

Air Quality



EPL 372

Summary period: 1-10-2018 to 31-10-2018
Date obtained: 19-11-2018
Date published: 23-11-2018

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	<0.30	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.*

Malabar Wastewater Treatment Plant

September Pollution Monitoring Summary

Air Quality



EPL 372

Summary period: 1-09-2018 to 30-09-2018
Date obtained: 19-10-2018
Date published: 23-10-2018

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	<0.30	200	yes
hydrogen sulphide gas	mg/m ³	30 minutes	1439^	<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.*

^One less sample collected due to sensor calibration.

Malabar Wastewater Treatment Plant

August Pollution Monitoring Summary

Air Quality



EPL 372

Summary period: 1-08-2018 to 31-08-2018
Date obtained: 14-09-2018
Date published: 25-09-2018

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	<0.30	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.*

Malabar Wastewater Treatment Plant

July Pollution Monitoring Summary

Air Quality



EPL 372

Summary period: 1-07-2018 to 31-07-2018
Date obtained: 10-08-2018
Date published: 23-08-2018

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	<0.30	200	yes
hydrogen sulphide gas	mg/m ³	30 minutes	1488	<0.07	0.60	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 Wastewater Treatment Plant
Air Quality Correction

Log EPL 372
Licensee: Sydney Water
PO Box 399
PARRAMATTA NSW 2124



EPA Point 1		Point description: Ventilation outlet at Scotts Creek								
Pollutant	unit of measure	Original data			Corrected data			Date corrected	Date originally published	Reason
		number of samples	minimum	maximum	Number of samples	minimum	maximum			
hydrogen sulphide gas	mg/m ³			0.01			<0.07	23-11-18	23-10-18	Limit of reporting not assigned