# Wallacia Wastewater Treatment Plant June Pollution Monitoring Summary



### **EPL 12235**

Summary period: 01-06-2020 to 30-06-2020 Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Date obtained: 08-07-2020 Date published: 20-07-2020

### Table 1: 3 Day Geometric Mean data

EPA Point 4 Site code WL0004	Point description: From the dechlorination tank						
pollutant	unit of sampling measure frequency 3DGM limit 3DGM Actual within limits						
carbonaceous biochemical oxygen demand	mg/L	monthly	25	<2	yes		
total suspended solids	mg/L	monthly	25	<2	yes		

<sup>3</sup> Day Geometric Mean (3DGM) is a way to average a set of values and is commonly used with water quality assessments which show a great deal of variability. 3DGM is calculated by multiplying the results of the analysis of three samples collected on three consecutive days and then taking the cubed root of that amount.

Table 2: Routine monitoring data

EPA Point 4 Site code WL0004	Point description: From the dechlorination tank						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result	
aluminium	ug/L	monthly	1	_	_	<5	
carbonaceous biochemical oxygen demand	mg/L	every 6 days	5	<2	<2	<2	
Ceriodaphnia dubia immobilisation (EC50)	% Effluent/Vol	monthly	1	-	_	100	
copper	ug/L	monthly	1	-	_	3.6	
faecal coliforms	CFU/100mL	every 6 days	5	<1	<1	2	
hydrogen sulphide (unionised)	ug/L	monthly	1	-	_	<30	
nitrogen (ammonia)	mg/L	every 6 days	5	0.01	0.01	0.02	
nitrogen (total)	mg/L	every 6 days	5	2.47	3.39	4.04	
nonylphenol ethoxylate	ug/L	monthly	1	-	_	<5	
phosphorus (total)	mg/L	every 6 days	5	0.02	0.03	0.03	
total suspended solids	mg/L	every 6 days	5	<2	<2	<2	
zinc	ug/L	monthly	1	-	-	15	

Average and percentile limits are only applied annually for routine monitoring data in Table 2

# Wallacia Wastewater Treatment Plant May Pollution Monitoring Summary



### **EPL 12235**

Summary period: 01-05-2020 to 31-05-2020 Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Date obtained: 09-06-2020 Date published: 17-06-2020

#### Table 1: 3 Day Geometric Mean data

EPA Point 4 Site code WL0004	Point description: From the dechlorination tank					
pollutant	unit of sampling measure frequency 3DGM limit 3DGM Actual within limits					
carbonaceous biochemical oxygen demand	mg/L	monthly	25	<2	yes	
total suspended solids	mg/L	monthly	25	<2	yes	

<sup>3</sup> Day Geometric Mean (3DGM) is a way to average a set of values and is commonly used with water quality assessments which show a great deal of variability. 3DGM is calculated by multiplying the results of the analysis of three samples collected on three consecutive days and then taking the cubed root of that amount.

Table 2: Routine monitoring data

EPA Point 4 Site code WL0004	Point description: From the dechlorination tank						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result	
aluminium	ug/L	monthly	1	_	_	<5	
carbonaceous biochemical oxygen demand	mg/L	every 6 days	5	<2	<2	<2	
Ceriodaphnia dubia immobilisation (EC50)	% Effluent/Vol	monthly	1	-	_	100	
copper	ug/L	monthly	1	-	_	3.9	
faecal coliforms	CFU/100mL	every 6 days	5	<1	3	7	
hydrogen sulphide (unionised)	ug/L	monthly	1	-	_	<30	
nitrogen (ammonia)	mg/L	every 6 days	5	0.01	0.02	0.03	
nitrogen (total)	mg/L	every 6 days	5	2.56	3.69	5.37	
nonylphenol ethoxylate	ug/L	monthly	1	-	_	<5	
phosphorus (total)	mg/L	every 6 days	5	0.02	0.04	0.09	
total suspended solids	mg/L	every 6 days	5	<2	<2	<2	
zinc	ug/L	monthly	1	-	-	15	

Average and percentile limits are only applied annually for routine monitoring data in Table 2

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# Wallacia Wastewater Treatment Plant April Pollution Monitoring Summary



### **EPL 12235**

Summary period: 01-04-2020 to 30-04-2020 Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Date obtained: 07-05-2020 Date published: 15-05-2020

### Table 1: 3 Day Geometric Mean data

EPA Point 4 Site code WL0004	Point description: From the dechlorination tank						
pollutant	unit of sampling measure frequency 3DGM limit 3DGM Actual within limits						
carbonaceous biochemical oxygen demand	mg/L	monthly	25	<2	yes		
total suspended solids	mg/L	monthly	25	<2	yes		

<sup>3</sup> Day Geometric Mean (3DGM) is a way to average a set of values and is commonly used with water quality assessments which show a great deal of variability. 3DGM is calculated by multiplying the results of the analysis of three samples collected on three consecutive days and then taking the cubed root of that amount.

Table 2: Routine monitoring data

EPA Point 4 Site code WL0004	Point description: From the dechlorination tank						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result	
aluminium	ug/L	monthly	1	_	_	<5	
carbonaceous biochemical oxygen demand	mg/L	every 6 days	5	<2	<2	<2	
Ceriodaphnia dubia immobilisation (EC50)	% Effluent/Vol	monthly	1	-	_	100	
copper	ug/L	monthly	1	_	_	2.5	
faecal coliforms	CFU/100mL	every 6 days	5	1	67	270	
hydrogen sulphide (unionised)	ug/L	monthly	1	_	_	<30	
nitrogen (ammonia)	mg/L	every 6 days	5	0.01	0.02	0.03	
nitrogen (total)	mg/L	every 6 days	5	4.01	4.63	5.41	
nonylphenol ethoxylate	ug/L	monthly	1	_	_	<5	
phosphorus (total)	mg/L	every 6 days	5	0.09	0.1	0.11	
total suspended solids	mg/L	every 6 days	5	<2	<2	<2	
zinc	ug/L	monthly	1	_	_	14	

Average and percentile limits are only applied annually for routine monitoring data in Table 2

# Wallacia Wastewater Treatment Plant March Pollution Monitoring Summary



### **EPL 12235**

Summary period: 01-03-2020 to 31-03-2020 Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Date obtained: 07-04-2020 Date published: 17-04-2020

#### Table 1: 3 Day Geometric Mean data

EPA Point 4 Site code WL0004	Point description: From the dechlorination tank					
pollutant	unit of sampling measure frequency 3DGM limit 3DGM Actual within limits					
carbonaceous biochemical oxygen demand	mg/L	monthly	25	<2	yes	
total suspended solids	mg/L	monthly	25	<2	yes	

<sup>3</sup> Day Geometric Mean (3DGM) is a way to average a set of values and is commonly used with water quality assessments which show a great deal of variability. 3DGM is calculated by multiplying the results of the analysis of three samples collected on three consecutive days and then taking the cubed root of that amount.

Table 2: Routine monitoring data

EPA Point 4 Site code WL0004	Point description: From the dechlorination tank						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result	
aluminium	ug/L	monthly	1	_	_	<5	
carbonaceous biochemical oxygen demand	mg/L	every 6 days	5	<2	<2	<2	
Ceriodaphnia dubia immobilisation (EC50)	% Effluent/Vol	monthly	1	-	_	100	
copper	ug/L	monthly	1	-	_	3.6	
faecal coliforms	CFU/100mL	every 6 days	6	<1	4	16	
hydrogen sulphide (unionised)	ug/L	monthly	1	-	_	<30	
nitrogen (ammonia)	mg/L	every 6 days	5	0.1	0.15	0.22	
nitrogen (total)	mg/L	every 6 days	5	4.61	5.07	6.27	
nonylphenol ethoxylate	ug/L	monthly	1	-	_	<5	
phosphorus (total)	mg/L	every 6 days	5	0.1	0.12	0.14	
total suspended solids	mg/L	every 6 days	5	<2	<2	<2	
zinc	ug/L	monthly	1	-	-	13	

Average and percentile limits are only applied annually for routine monitoring data in Table 2

# Wallacia Wastewater Treatment Plant February Pollution Monitoring Summary



### **EPL 12235**

Summary period: 01-02-2020 to 29-02-2020 Licensee: Sydney Water Corporation

Date obtained: 18-03-2020 PO Box 399

Date published: 27-03-2020 PARRAMATTA NSW 2124

### Table 1: 3 Day Geometric Mean data

EPA Point 4 Site code WL0004	Point description: From the dechlorination tank					
pollutant	unit of sampling measure frequency 3DGM limit 3DGM Actual within limits					
carbonaceous biochemical oxygen demand	mg/L	monthly	25	<2	yes	
total suspended solids	mg/L	monthly	25	<2	yes	

<sup>3</sup> Day Geometric Mean (3DGM) is a way to average a set of values and is commonly used with water quality assessments which show a great deal of variability. 3DGM is calculated by multiplying the results of the analysis of three samples collected on three consecutive days and then taking the cubed root of that amount.

Table 2: Routine monitoring data

EPA Point 4 Site code WL0004	Point description: From the dechlorination tank						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result	
aluminium	ug/L	monthly	1	-	_	6	
carbonaceous biochemical oxygen demand	mg/L	every 6 days	5	<2	<2	<2	
Ceriodaphnia dubia immobilisation (EC50)	% Effluent/Vol	monthly	1	-	-	100	
copper	ug/L	monthly	1	_	_	3.6	
faecal coliforms	CFU/100mL	every 6 days	4	<1	2	3	
hydrogen sulphide (unionised)	ug/L	monthly	1	_	_	<30	
nitrogen (ammonia)	mg/L	every 6 days	5	0.03	0.07	0.14	
nitrogen (total)	mg/L	every 6 days	5	4.64	6.66	9.58	
nonylphenol ethoxylate	ug/L	monthly	1	_	_	<5	
phosphorus (total)	mg/L	every 6 days	5	0.07	0.13	0.18	
total suspended solids	mg/L	every 6 days	5	<2	<2	<2	
zinc	ug/L	monthly	1	-	-	14	

Average and percentile limits are only applied annually for routine monitoring data in Table 2

# Wallacia Wastewater Treatment Plant January Pollution Monitoring Summary



### **EPL 12235**

Summary period: 01-01-2020 to 31-01-2020 Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Date obtained: 10-02-2020 Date published: 14-02-2020

#### Table 1: 3 Day Geometric Mean data

EPA Point 4 Site code WL0004	Point description: From the dechlorination tank						
pollutant	unit of sampling measure frequency 3DGM limit 3DGM Actual within limits						
carbonaceous biochemical oxygen demand	mg/L	monthly	25	<2	yes		
total suspended solids	mg/L	monthly	25	<2	yes		

<sup>3</sup> Day Geometric Mean (3DGM) is a way to average a set of values and is commonly used with water quality assessments which show a great deal of variability. 3DGM is calculated by multiplying the results of the analysis of three samples collected on three consecutive days and then taking the cubed root of that amount.

Table 2: Routine monitoring data

EPA Point 4 Site code WL0004	Point description: From the dechlorination tank						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result	
aluminium	ug/L	monthly	1	_	_	<5	
carbonaceous biochemical oxygen demand	mg/L	every 6 days	5	<2	<2	<2	
Ceriodaphnia dubia immobilisation (EC50)	% Effluent/Vol	monthly	1	_	_	100	
copper	ug/L	monthly	1	_	_	3.3	
faecal coliforms	CFU/100mL	every 6 days	6	<1	835	5,000	
hydrogen sulphide (unionised)	ug/L	monthly	1	_	_	<30	
nitrogen (ammonia)	mg/L	every 6 days	5	0.02	0.11	0.2	
nitrogen (total)	mg/L	every 6 days	5	4.41	5.82	7.35	
nonylphenol ethoxylate	ug/L	monthly	1	_	_	<5	
phosphorus (total)	mg/L	every 6 days	5	0.09	0.11	0.13	
total suspended solids	mg/L	every 6 days	5	<2	<2	<2	
zinc	ug/L	monthly	1	_	_	14	

Average and percentile limits are only applied annually for routine monitoring data in Table 2

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# Wallacia Wastewater Treatment Plant December Pollution Monitoring Summary



### **EPL 12235**

Summary period: 01-12-2019 to 31-12-2019 Licensee: Sydney Water Corporation

Date obtained: 07-01-2020 PO Box 399

Date published: 10-01-2020 PARRAMATTA NSW 2124

### Table 1: 3 Day Geometric Mean data

EPA Point 4 Site code WL0004	Point description: From the dechlorination tank						
pollutant	unit of sampling measure frequency 3DGM limit 3DGM Actual within limits						
carbonaceous biochemical oxygen demand	mg/L	monthly	25	<2	yes		
total suspended solids	mg/L	monthly	25	<2	yes		

<sup>3</sup> Day Geometric Mean (3DGM) is a way to average a set of values and is commonly used with water quality assessments which show a great deal of variability. 3DGM is calculated by multiplying the results of the analysis of three samples collected on three consecutive days and then taking the cubed root of that amount.

Table 2: Routine monitoring data

EPA Point 4 Site code WL0004	Point description: From the dechlorination tank						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result	
aluminium	ug/L	monthly	1	_	_	<5	
carbonaceous biochemical oxygen demand	mg/L	every 6 days	6	<2	<2	<2	
Ceriodaphnia dubia immobilisation (EC50)	% Effluent/Vol	monthly	1	-	_	100	
copper	ug/L	monthly	1	-	_	5	
faecal coliforms	CFU/100mL	every 6 days	5	<1	4	17	
hydrogen sulphide (unionised)	ug/L	monthly	1	-	_	<30	
nitrogen (ammonia)	mg/L	every 6 days	6	0.01	0.04	0.09	
nitrogen (total)	mg/L	every 6 days	6	4.94	6.52	8.27	
nonylphenol ethoxylate	ug/L	monthly	1	-	_	<5	
phosphorus (total)	mg/L	every 6 days	6	0.02	0.02	0.02	
total suspended solids	mg/L	every 6 days	6	<2	<2	<2	
zinc	ug/L	monthly	1	-	-	12	

Average and percentile limits are only applied annually for routine monitoring data in Table 2

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# Wallacia Wastewater Treatment Plant November Pollution Monitoring Summary



### **EPL 12235**

Summary period: 01-11-2019 to 30-11-2019 Licensee: Sydney Water Corporation

Date obtained: 02-12-2019 PO Box 399

Date published: 09-12-2019 PARRAMATTA NSW 2124

#### Table 1: 3 Day Geometric Mean data

EPA Point 4 Site code WL0004	Point description: From the dechlorination tank					
pollutant	unit of sampling measure frequency 3DGM limit 3DGM Actual within limits					
carbonaceous biochemical oxygen demand	mg/L	monthly	25	<2	yes	
total suspended solids	mg/L	monthly	25	<2	yes	

<sup>3</sup> Day Geometric Mean (3DGM) is a way to average a set of values and is commonly used with water quality assessments which show a great deal of variability. 3DGM is calculated by multiplying the results of the analysis of three samples collected on three consecutive days and then taking the cubed root of that amount.

Table 2: Routine monitoring data

EPA Point 4 Site code WL0004	Point description: From the dechlorination tank						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result	
aluminium	ug/L	monthly	1	_	_	<5	
carbonaceous biochemical oxygen demand	mg/L	every 6 days	5	<2	<2	<2	
Ceriodaphnia dubia immobilisation (EC50)	% Effluent/Vol	monthly	1	_	_	100	
copper	ug/L	monthly	1	_	_	4.7	
faecal coliforms	CFU/100mL	every 6 days	5	<1	1262	6,300	
hydrogen sulphide (unionised)	ug/L	monthly	1	_	_	<30	
nitrogen (ammonia)	mg/L	every 6 days	5	0.01	0.05	0.13	
nitrogen (total)	mg/L	every 6 days	5	5.5	6.14	7.67	
nonylphenol ethoxylate	ug/L	monthly	1	_	_	<5	
phosphorus (total)	mg/L	every 6 days	5	0.02	0.03	0.04	
total suspended solids	mg/L	every 6 days	5	<2	<2	<2	
zinc	ug/L	monthly	1	-	_	11	

Average and percentile limits are only applied annually for routine monitoring data in Table 2

# Wallacia Wastewater Treatment Plant October Pollution Monitoring Summary



### **EPL 12235**

Summary period: 01-10-2019 to 31-10-2019 Licensee: Sydney Water Corporation

Date obtained: 29-11-2019 PO Box 399

Date published: 09-12-2019 PARRAMATTA NSW 2124

#### Table 1: 3 Day Geometric Mean data

EPA Point 4 Site code WL0004	Point description: From the dechlorination tank						
pollutant	unit of sampling measure frequency 3DGM limit 3DGM Actual within limits						
carbonaceous biochemical oxygen demand	mg/L	monthly	25	<2	yes		
total suspended solids	mg/L	monthly	25	<2	yes		

<sup>3</sup> Day Geometric Mean (3DGM) is a way to average a set of values and is commonly used with water quality assessments which show a great deal of variability. 3DGM is calculated by multiplying the results of the analysis of three samples collected on three consecutive days and then taking the cubed root of that amount.

Table 2: Routine monitoring data

EPA Point 4 Site code WL0004	Point description: From the dechlorination tank						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result	
aluminium	ug/L	monthly	1	_	_	<5	
carbonaceous biochemical oxygen demand	mg/L	every 6 days	5	<2	<2	<2	
Ceriodaphnia dubia immobilisation (EC50)	% Effluent/Vol	monthly	1	-	_	100	
copper	ug/L	monthly	1	-	_	3.9	
faecal coliforms	CFU/100mL	every 6 days	5	<1	4	16	
hydrogen sulphide (unionised)	ug/L	monthly	1	-	_	<30	
nitrogen (ammonia)	mg/L	every 6 days	5	0.01	0.01	0.01	
nitrogen (total)	mg/L	every 6 days	5	6.31	7.34	8.19	
nonylphenol ethoxylate	ug/L	monthly	1	-	_	<5	
phosphorus (total)	mg/L	every 6 days	5	0.02	0.02	0.03	
total suspended solids	mg/L	every 6 days	5	<2	<2	<2	
zinc	ug/L	monthly	1	_	-	13	

Average and percentile limits are only applied annually for routine monitoring data in Table 2

# Wallacia Wastewater Treatment Plant September Pollution Monitoring Summary



### **EPL 12235**

Summary period: 01-09-2019 to 30-09-2019 Licensee: Sydney Water Corporation

Date obtained: 04-10-2019 PO Box 399

Date published: 15-10-2019 PARRAMATTA NSW 2124

#### Table 1: 3 Day Geometric Mean data

EPA Point 4 Site code WL0004	Point description: From the dechlorination tank					
pollutant	unit of sampling measure frequency 3DGM limit 3DGM Actual within limits					
carbonaceous biochemical oxygen demand	mg/L	monthly	25	<2	yes	
total suspended solids	mg/L	monthly	25	<2	yes	

<sup>3</sup> Day Geometric Mean (3DGM) is a way to average a set of values and is commonly used with water quality assessments which show a great deal of variability. 3DGM is calculated by multiplying the results of the analysis of three samples collected on three consecutive days and then taking the cubed root of that amount.

Table 2: Routine monitoring data

EPA Point 4 Site code WL0004	Point description: From the dechlorination tank						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result	
aluminium	ug/L	monthly	1	_	_	<5	
carbonaceous biochemical oxygen demand	mg/L	every 6 days	5	<2	<2	<2	
Ceriodaphnia dubia immobilisation (EC50)	% Effluent/Vol	monthly	1	_	_	100	
copper	ug/L	monthly	1	_	_	1.9	
faecal coliforms	CFU/100mL	every 6 days	5	<1	4	16	
hydrogen sulphide (unionised)	ug/L	monthly	1	_	_	<30	
nitrogen (ammonia)	mg/L	every 6 days	5	0.01	0.78	3.82	
nitrogen (total)	mg/L	every 6 days	5	5.2	6.5	8.15	
nonylphenol ethoxylate	ug/L	monthly	1	_	_	<5	
phosphorus (total)	mg/L	every 6 days	5	0.01	0.02	0.02	
total suspended solids	mg/L	every 6 days	5	<2	<2	<2	
zinc	ug/L	monthly	1	_	_	11	

Average and percentile limits are only applied annually for routine monitoring data in Table 2

# Wallacia Wastewater Treatment Plant August Pollution Monitoring Summary



### **EPL 12235**

Summary period: 01-08-2019 to 31-08-2019 Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Date obtained: 05-09-2019 Date published: 16-09-2019

#### Table 1: 3 Day Geometric Mean data

EPA Point 4 Site code WL0004	Point description: From the dechlorination tank					
pollutant	unit of sampling measure frequency 3DGM limit 3DGM Actual within limits					
carbonaceous biochemical oxygen demand	mg/L	monthly	25	<2	yes	
total suspended solids	mg/L	monthly	25	<2	yes	

<sup>3</sup> Day Geometric Mean (3DGM) is a way to average a set of values and is commonly used with water quality assessments which show a great deal of variability. 3DGM is calculated by multiplying the results of the analysis of three samples collected on three consecutive days and then taking the cubed root of that amount.

Table 2: Routine monitoring data

EPA Point 4 Site code WL0004	Point description: From the dechlorination tank						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result	
aluminium	ug/L	monthly	1	_	_	<5	
carbonaceous biochemical oxygen demand	mg/L	every 6 days	5	<2	<2	<2	
Ceriodaphnia dubia immobilisation (EC50)	% Effluent/Vol	monthly	1	-	_	100	
copper	ug/L	monthly	1	-	_	2.4	
faecal coliforms	CFU/100mL	every 6 days	5	<1	<1	1	
hydrogen sulphide (unionised)	ug/L	monthly	1	-	_	<30	
nitrogen (ammonia)	mg/L	every 6 days	5	0.02	0.16	0.33	
nitrogen (total)	mg/L	every 6 days	5	4.07	4.54	4.87	
nonylphenol ethoxylate	ug/L	monthly	1	_	_	<5	
phosphorus (total)	mg/L	every 6 days	5	0.02	0.04	0.05	
total suspended solids	mg/L	every 6 days	5	<2	<2	<2	
zinc	ug/L	monthly	1	-	-	17	

Average and percentile limits are only applied annually for routine monitoring data in Table 2

# Wallacia Wastewater Treatment Plant July Pollution Monitoring Summary



### **EPL 12235**

Summary period: 01-07-2019 to 31-07-2019 Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Date obtained: 07-08-2019 Date published: 17-08-2019

#### Table 1: 3 Day Geometric Mean data

EPA Point 4 Site code WL0004	Point description: From the dechlorination tank					
pollutant	unit of sampling measure frequency 3DGM limit 3DGM Actual within limits					
carbonaceous biochemical oxygen demand	mg/L	monthly	25	<2	yes	
total suspended solids	mg/L	monthly	25	<2	yes	

<sup>3</sup> Day Geometric Mean (3DGM) is a way to average a set of values and is commonly used with water quality assessments which show a great deal of variability. 3DGM is calculated by multiplying the results of the analysis of three samples collected on three consecutive days and then taking the cubed root of that amount.

Table 2: Routine monitoring data

EPA Point 4 Site code WL0004	Point description: From the dechlorination tank						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result	
aluminium	ug/L	monthly	1	_	_	<5	
carbonaceous biochemical oxygen demand	mg/L	every 6 days	5	<2	<2	<2	
Ceriodaphnia dubia immobilisation (EC50)	% Effluent/Vol	monthly	1	-	_	100	
copper	ug/L	monthly	1	-	_	2.5	
faecal coliforms	CFU/100mL	every 6 days	5	<1	2	4	
hydrogen sulphide (unionised)	ug/L	monthly	1	-	_	<30	
nitrogen (ammonia)	mg/L	every 6 days	5	0.01	0.01	0.02	
nitrogen (total)	mg/L	every 6 days	5	3.56	4.28	5.07	
nonylphenol ethoxylate	ug/L	monthly	1	_	_	<5	
phosphorus (total)	mg/L	every 6 days	5	0.02	0.02	0.02	
total suspended solids	mg/L	every 6 days	5	<2	<2	<2	
zinc	ug/L	monthly	1	-	-	15	

Average and percentile limits are only applied annually for routine monitoring data in Table 2