

# Wallacia Wastewater Treatment Plant

## 2015-16 Pollution monitoring yearly limit summaries



### EPL 12235

Summary period: 01-07-2015 to 30-06-2016

Date published: 29-09-2016

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

50 percentile yearly summary								
EPA Point 4 Site code WL0004		Point description: From the dechlorination tank						
pollutant	unit of measure	sampling frequency	number of samples	minimum result	maximum result	50 percentile limit	50 percentile value	within limits
carbonaceous biochemical oxygen demand	mg/L	every 6 days	61	<2	31	5	<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	5.5	0.5	0.02	yes
nitrogen (total)	mg/L	every 6 days	61	2.74	10.1	7.5	4.27	yes
phosphorus (total)	mg/L	every 6 days	61	<0.01	0.13	0.15	0.02	yes
total suspended solids	mg/L	every 6 days	61	<2	3	5	<2	yes

80 percentile yearly summary								
EPA Point 4 Site code WL0004		Point description: From the dechlorination tank						
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	61	<1	110	200	18	yes

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90 percentile yearly summary								
EPA Point 4 Site code WL0004	Point description: From the dechlorination tank							
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	34	1,500	11	yes
carbonaceous biochemical oxygen demand	mg/L	every 6 days	61	<2	31	10	<2	yes
copper	ug/L	monthly	12	3	17	100	12	yes
hydrogen sulphide (unionised)	ug/L	monthly	12	<5	16	3,300	12	yes
nitrogen (ammonia)	mg/L	every 6 days	61	0.01	5.5	1	0.26	yes
nitrogen (total)	mg/L	every 6 days	61	2.74	10.1	10	6.2	yes
nonylphenol ethoxylate	ug/L	monthly	12	<5	8	580	6	yes
phosphorus (total)	mg/L	every 6 days	61	<0.01	0.13	0.3	0.09	yes
total suspended solids	mg/L	every 6 days	61	<2	3	10	<2	yes
zinc	ug/L	monthly	12	13	24	110	20	yes

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Average yearly summary								
EPA Point 4 Site code WL0004		Point description: From the dechlorination tank						
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	34	800	7	yes
copper	ug/L	monthly	12	3	17	35	7	yes
hydrogen sulphide (unionised)	ug/L	monthly	12	<5	16	290	<5	yes
nonylphenol ethoxylate	ug/L	monthly	12	<5	8	64	<5	yes
zinc	ug/L	monthly	12	13	24	87	16	yes