Bondi Wastewater Treatment Plant
June Pollution Monitoring Summary

EPL 1688

Summary period: 01-06-2019 to 30-06-2019
Date obtained: 11-07-2019
Date published: 17-07-2019

Licensee: Sydney Water Corporation
PO Box 399
PARRAMATTA NSW 2124

Table 1: 3 Day Geometric Mean data

EPA Point 5 Site code BN0005	Point description: In the effluent channel downstream of the sedimentation tanks				
pollutant	unit of measure	sampling frequency	3DGM limit	3DGM Actual	within limits
oil and grease	mg/L	monthly	60	48	yes
total suspended solids	mg/L	monthly	290	106	yes

3 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 5 Site code BN0005	Point description: In the effluent channel downstream of the sedimentation tanks					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
aluminium	ug/L	monthly	1	-	-	215
hydrogen sulphide (unionised)	ug/L	monthly	1	-	-	<30
oil and grease	mg/L	every 6 days	5	37	48	62
sea urchin fertilisation (EC50)	% Effluent/Vol	monthly	1	-	-	3.9
total suspended solids	mg/L	every 6 days	5	92	114	130

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

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Bondi Wastewater Treatment Plant
May Pollution Monitoring Summary

EPL 1688

Summary period: 01-05-2019 to 31-05-2019
Date obtained: 03-06-2019
Date published: 12-06-2019

Licensee: Sydney Water Corporation
PO Box 399
PARRAMATTA NSW 2124

Table 1: 3 Day Geometric Mean data

EPA Point 5 Site code BN0005	Point description: In the effluent channel downstream of the sedimentation tanks				
pollutant	unit of measure	sampling frequency	3DGM limit	3DGM Actual	within limits
oil and grease	mg/L	monthly	60	47	yes
total suspended solids	mg/L	monthly	290	116	yes

3 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 5 Site code BN0005	Point description: In the effluent channel downstream of the sedimentation tanks					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
aluminium	ug/L	monthly	1	-	-	280
hydrogen sulphide (unionised)	ug/L	monthly	1	-	-	30
oil and grease	mg/L	every 6 days	5	48	53	60
sea urchin fertilisation (EC50)	% Effluent/Vol	monthly	1	-	-	0.9
total suspended solids	mg/L	every 6 days	5	82	114	130

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

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Bondi Wastewater Treatment Plant
April Pollution Monitoring Summary

EPL 1688

Summary period: 01-04-2019 to 30-04-2019
Date obtained: 06-05-2019
Date published: 13-05-2019

Licensee: Sydney Water Corporation
PO Box 399
PARRAMATTA NSW 2124

Table 1: 3 Day Geometric Mean data

EPA Point 5 Site code BN0005	Point description: In the effluent channel downstream of the sedimentation tanks				
pollutant	unit of measure	sampling frequency	3DGM limit	3DGM Actual	within limits
oil and grease	mg/L	monthly	60	42	yes
total suspended solids	mg/L	monthly	290	111	yes

3 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 5 Site code BN0005	Point description: In the effluent channel downstream of the sedimentation tanks					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
aluminium	ug/L	monthly	1	-	-	302
hydrogen sulphide (unionised)	ug/L	monthly	1	-	-	61
nonylphenol ethoxylate	ug/L	monthly	1	-	-	206
oil and grease	mg/L	every 6 days	5	42	46	49
sea urchin fertilisation (EC50)	% Effluent/Vol	monthly	1	-	-	1.1
total suspended solids	mg/L	every 6 days	5	94	109	130

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

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Bondi Wastewater Treatment Plant
March Pollution Monitoring Summary

EPL 1688

Summary period: 01-03-2019 to 31-03-2019
Date obtained: 05-04-2019
Date published: 12-04-2019

Licensee: Sydney Water Corporation
PO Box 399
PARRAMATTA NSW 2124

Table 1: 3 Day Geometric Mean data

EPA Point 5 Site code BN0005	Point description: In the effluent channel downstream of the sedimentation tanks				
pollutant	unit of measure	sampling frequency	3DGM limit	3DGM Actual	within limits
oil and grease	mg/L	monthly	60	49	yes
total suspended solids	mg/L	monthly	290	152	yes

3 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 5 Site code BN0005	Point description: In the effluent channel downstream of the sedimentation tanks					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
aluminium	ug/L	monthly	1	-	-	328
hydrogen sulphide (unionised)	ug/L	monthly	1	-	-	289
nonylphenol ethoxylate	ug/L	monthly	1	-	-	178
oil and grease	mg/L	every 6 days	5	37	45	54
sea urchin fertilisation (EC50)	% Effluent/Vol	monthly	1	-	-	1.7
total suspended solids	mg/L	every 6 days	5	88	116	150

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

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Bondi Wastewater Treatment Plant
February Pollution Monitoring Summary

EPL 1688

Summary period: 01-02-2019 to 28-02-2019
Date obtained: 05-03-2019
Date published: 08-03-2019

Licensee: Sydney Water Corporation
PO Box 399
PARRAMATTA NSW 2124

Table 1: 3 Day Geometric Mean data

EPA Point 5 Site code BN0005	Point description: In the effluent channel downstream of the sedimentation tanks				
pollutant	unit of measure	sampling frequency	3DGM limit	3DGM Actual	within limits
oil and grease	mg/L	monthly	60	46	yes
total suspended solids	mg/L	monthly	290	114	yes

3 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 5 Site code BN0005	Point description: In the effluent channel downstream of the sedimentation tanks					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
aluminium	ug/L	monthly	1	-	-	248
hydrogen sulphide (unionised)	ug/L	monthly	1	-	-	30
nonylphenol ethoxylate	ug/L	monthly	1	-	-	118
oil and grease	mg/L	every 6 days	5	42	48	52
sea urchin fertilisation (EC50)	% Effluent/Vol	monthly	1	-	-	0.9
total suspended solids	mg/L	every 6 days	5	110	134	160

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

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Bondi Wastewater Treatment Plant
January Pollution Monitoring Summary

EPL 1688

Summary period: 01-01-2019 to 31-01-2019
Date obtained: 13-02-2019
Date published: 22-02-2019

Licensee: Sydney Water Corporation
PO Box 399
PARRAMATTA NSW 2124

Table 1: 3 Day Geometric Mean data

EPA Point 5 Site code BN0005	Point description: In the effluent channel downstream of the sedimentation tanks				
pollutant	unit of measure	sampling frequency	3DGM limit	3DGM Actual	within limits
oil and grease	mg/L	monthly	60	55	yes
total suspended solids	mg/L	monthly	290	184	yes

3 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 5 Site code BN0005	Point description: In the effluent channel downstream of the sedimentation tanks					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
aluminium	ug/L	monthly	1	-	-	935
hydrogen sulphide (unionised)	ug/L	monthly	1	-	-	<30
nonylphenol ethoxylate	ug/L	monthly	1	-	-	105
oil and grease	mg/L	every 6 days	5	46	50	54
sea urchin fertilisation (EC50)	% Effluent/Vol	monthly	1	-	-	0.9
total suspended solids	mg/L	every 6 days	5	100	146	260

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

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Bondi Wastewater Treatment Plant
December Pollution Monitoring Summary

EPL 1688

Summary period: 01-12-2018 to 31-12-2018
Date obtained: 04-01-2019
Date published: 11-01-2019

Licensee: Sydney Water Corporation
PO Box 399
PARRAMATTA NSW 2124

Table 1: 3 Day Geometric Mean data

EPA Point 5 Site code BN0005	Point description: In the effluent channel downstream of the sedimentation tanks				
pollutant	unit of measure	sampling frequency	3DGM limit	3DGM Actual	within limits
oil and grease	mg/L	monthly	60	46	yes
total suspended solids	mg/L	monthly	290	93	yes

3 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 5 Site code BN0005	Point description: In the effluent channel downstream of the sedimentation tanks					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
aluminium	ug/L	monthly	1	-	-	233
hydrogen sulphide (unionised)	ug/L	monthly	1	-	-	<30
nonylphenol ethoxylate	ug/L	monthly	1	-	-	143
oil and grease	mg/L	every 6 days	5	47	52	62
sea urchin fertilisation (EC50)	% Effluent/Vol	monthly	1	-	-	2.7
total suspended solids	mg/L	every 6 days	5	92	122	170

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

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Bondi Wastewater Treatment Plant
November Pollution Monitoring Summary

EPL 1688

Summary period: 01-11-2018 to 30-11-2018
Date obtained: 13-12-2018
Date published: 21-12-2018

Licensee: Sydney Water Corporation
PO Box 399
PARRAMATTA NSW 2124

Table 1: 3 Day Geometric Mean data

EPA Point 5 Site code BN0005	Point description: In the effluent channel downstream of the sedimentation tanks				
pollutant	unit of measure	sampling frequency	3DGM limit	3DGM Actual	within limits
oil and grease	mg/L	monthly	60	48	yes
total suspended solids	mg/L	monthly	290	103	yes

3 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 5 Site code BN0005	Point description: In the effluent channel downstream of the sedimentation tanks					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
aluminium	ug/L	monthly	1	-	-	276
hydrogen sulphide (unionised)	ug/L	monthly	1	-	-	<30
nonylphenol ethoxylate	ug/L	monthly	1	-	-	137
oil and grease	mg/L	every 6 days	5	45	48	51
sea urchin fertilisation (EC50)	% Effluent/Vol	monthly	1	-	-	4.6
total suspended solids	mg/L	every 6 days	5	74	94	120

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

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Bondi Wastewater Treatment Plant
October Pollution Monitoring Summary

EPL 1688

Summary period: 01-10-2018 to 31-10-2018
Date obtained: 12-11-2018
Date published: 23-11-2018

Licensee: Sydney Water Corporation
PO Box 399
PARRAMATTA NSW 2124

Table 1: 3 Day Geometric Mean data

EPA Point 5 Site code BN0005	Point description: In the effluent channel downstream of the sedimentation tanks				
pollutant	unit of measure	sampling frequency	3DGM limit	3DGM Actual	within limits
oil and grease	mg/L	monthly	60	40	yes
total suspended solids	mg/L	monthly	290	95	yes

3 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 5 Site code BN0005	Point description: In the effluent channel downstream of the sedimentation tanks					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
aluminium	ug/L	monthly	1	-	-	385
hydrogen sulphide (unionised)	ug/L	monthly	1	-	-	<30
nonylphenol ethoxylate	ug/L	monthly	1	-	-	115
oil and grease	mg/L	every 6 days	5	38	43	47
sea urchin fertilisation (EC50)	% Effluent/Vol	monthly	1	-	-	0.8
total suspended solids	mg/L	every 6 days	5	85	96	100

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

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Bondi Wastewater Treatment Plant
September Pollution Monitoring Summary

EPL 1688

Summary period: 01-09-2018 to 30-09-2018
Date obtained: 15-10-2018
Date published: 19-10-2018

Licensee: Sydney Water Corporation
PO Box 399
PARRAMATTA NSW 2124

Table 1: 3 Day Geometric Mean data

EPA Point 5 Site code BN0005	Point description: In the effluent channel downstream of the sedimentation tanks				
pollutant	unit of measure	sampling frequency	3DGM limit	3DGM Actual	within limits
oil and grease	mg/L	monthly	60	50	yes
total suspended solids	mg/L	monthly	290	111	yes

3 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 5 Site code BN0005	Point description: In the effluent channel downstream of the sedimentation tanks					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
aluminium	ug/L	monthly	1	-	-	232
hydrogen sulphide (unionised)	ug/L	monthly	1	-	-	<30
nonylphenol ethoxylate	ug/L	monthly	1	-	-	170
oil and grease	mg/L	every 6 days	5	45	48	50
sea urchin fertilisation (EC50)	% Effluent/Vol	monthly	1	-	-	5.7
total suspended solids	mg/L	every 6 days	5	84	92	110

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

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Bondi Wastewater Treatment Plant
August Pollution Monitoring Summary

EPL 1688

Summary period: 01-08-2018 to 31-08-2018
Date obtained: 11-09-2018
Date published: 14-09-2018

Licensee: Sydney Water Corporation
PO Box 399
PARRAMATTA NSW 2124

Table 1: 3 Day Geometric Mean data

EPA Point 5 Site code BN0005	Point description: In the effluent channel downstream of the sedimentation tanks				
pollutant	unit of measure	sampling frequency	3DGM limit	3DGM Actual	within limits
oil and grease	mg/L	monthly	60	47	yes
total suspended solids	mg/L	monthly	290	110	yes

3 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 5 Site code BN0005	Point description: In the effluent channel downstream of the sedimentation tanks					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
aluminium	ug/L	monthly	1	-	-	349
hydrogen sulphide (unionised)	ug/L	monthly	1	-	-	690
nonylphenol ethoxylate	ug/L	monthly	1	-	-	151
oil and grease	mg/L	every 6 days	5	41	48	52
sea urchin fertilisation (EC50)	% Effluent/Vol	monthly	1	-	-	3.8
total suspended solids	mg/L	every 6 days	5	93	102	120

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

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Bondi Wastewater Treatment Plant
July Pollution Monitoring Summary

EPL 1688

Summary period: 01-07-2018 to 31-07-2018
Date obtained: 09-08-2018
Date published: 14-08-2018

Licensee: Sydney Water Corporation
PO Box 399
PARRAMATTA NSW 2124

Table 1: 3 Day Geometric Mean data

EPA Point 5 Site code BN0005	Point description: In the effluent channel downstream of the sedimentation tanks				
pollutant	unit of measure	sampling frequency	3DGM limit	3DGM Actual	within limits
oil and grease	mg/L	monthly	60	47	yes
total suspended solids	mg/L	monthly	290	104	yes

3 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 5 Site code BN0005	Point description: In the effluent channel downstream of the sedimentation tanks					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
aluminium	ug/L	monthly	1	-	-	205
hydrogen sulphide (unionised)	ug/L	monthly	1	-	-	90
nonylphenol ethoxylate	ug/L	monthly	1	-	-	136
oil and grease	mg/L	every 6 days	5	47	52	57
sea urchin fertilisation (EC50)	% Effluent/Vol	monthly	1	-	-	2
total suspended solids	mg/L	every 6 days	5	92	116	150

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

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