Picton Wastewater Treatment Plant
June Pollution Monitoring Summary

EPL 10555

Summary period: 01-06-2019 to 30-06-2019
Date obtained: 08-07-2019
Date published: 12-07-2019

Licensee: Sydney Water Corporation
PO Box 399
PARRAMATTA NSW 2124

Table 1: Routine monitoring data

EPA Point 1 Site code PI0001	Point description: Outlet of the effluent buffer tank at the western dam					
pollutant	**unit of measure**	**sampling frequency**	**number of samples**	**minimum result**	**mean result**	**maximum result**
carbonaceous biochemical oxygen demand	mg/L	on bypass	18	<2	<2	3
faecal coliforms	CFU/100mL	on bypass	18	31	106	250
nitrogen (ammonia)	mg/L	on bypass	18	<0.1	<0.1	<0.1
nitrogen (total)	mg/L	on bypass	18	3.79	4.43	4.89
phosphorus (total)	mg/L	on bypass	18	0.03	0.05	0.08
total suspended solids	mg/L	on bypass	18	3	3	4

EPA Point 11 Site code PI0011	Point description: Outlet of the effluent irrigation eastern dam					
pollutant	**unit of measure**	**sampling frequency**	**number of samples**	**minimum result**	**mean result**	**maximum result**
carbonaceous biochemical oxygen demand	mg/L	every 6 days when irrigating	1	-	-	<2
faecal coliforms	CFU/100mL	every 6 days when irrigating	1	-	-	42
nitrogen (ammonia)	mg/L	every 6 days when irrigating	1	-	-	0.46
nitrogen (total)	mg/L	every 6 days when irrigating	1	-	-	4.79
pH	pH Units	every 6 days when irrigating	1	-	-	7.89
phosphorus (total)	mg/L	every 6 days when irrigating	1	-	-	0.57
total suspended solids	mg/L	every 6 days when irrigating	1	-	-	4

No samples collected at EPA Point 13 as the irrigation system was not operating during the June monitoring period.

Average and percentile limits are only applied annually for routine monitoring data .

Picton Wastewater Treatment Plant
May Pollution Monitoring Summary

EPL 10555

Summary period: 01-05-2019 to 31-05-2019
Date obtained: 07-06-2019
Date published: 12-06-2019

Licensee: Sydney Water Corporation
PO Box 399
PARRAMATTA NSW 2124

Table 1: Routine monitoring data

EPA Point 1 Site code PI0001	Point description: Outlet of the effluent buffer tank at the western dam					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
carbonaceous biochemical oxygen demand	mg/L	on bypass	6	<2	<2	2
faecal coliforms	CFU/100mL	on bypass	6	78	119	190
nitrogen (ammonia)	mg/L	on bypass	6	0.3	0.38	0.5
nitrogen (total)	mg/L	on bypass	6	3.66	4.04	4.5
phosphorus (total)	mg/L	on bypass	6	0.13	0.14	0.16
total suspended solids	mg/L	on bypass	6	2	5	7

EPA Point 11 Site code PI0011	Point description: Outlet of the effluent irrigation eastern dam					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
carbonaceous biochemical oxygen demand	mg/L	every 6 days when irrigating	2	2	4	5
faecal coliforms	CFU/100mL	every 6 days when irrigating	2	30	70	110
nitrogen (ammonia)	mg/L	every 6 days when irrigating	2	0.99	0.99	0.99
nitrogen (total)	mg/L	every 6 days when irrigating	2	4.64	4.77	4.89
pH	pH Units	every 6 days when irrigating	2	7.78	7.84	7.89
phosphorus (total)	mg/L	every 6 days when irrigating	2	0.67	0.68	0.69
total suspended solids	mg/L	every 6 days when irrigating	2	2	3	4

No samples collected at EPA Point 13 as the irrigation system was not operating during the May monitoring period.

Average and percentile limits are only applied annually for routine monitoring data.

Picton Wastewater Treatment Plant
April Pollution Monitoring Summary

EPL 10555

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: Routine monitoring data

EPA Point 1 Site code PI0001	Point description: Outlet of the effluent buffer tank at the western dam					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
carbonaceous biochemical oxygen demand	mg/L	on bypass	17	<2	<2	5
faecal coliforms	CFU/100mL	on bypass	17	28	103	410
nitrogen (ammonia)	mg/L	on bypass	17	<0.1	0.32	1.1
nitrogen (total)	mg/L	on bypass	17	2.93	3.62	4.13
phosphorus (total)	mg/L	on bypass	17	0.16	0.21	0.28
total suspended solids	mg/L	on bypass	17	<2	6	12

EPA Point 11 Site code PI0011	Point description: Outlet of the effluent irrigation eastern dam					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
carbonaceous biochemical oxygen demand	mg/L	every 6 days when irrigating	1	-	-	<2
faecal coliforms	CFU/100mL	every 6 days when irrigating	1	-	-	9
nitrogen (ammonia)	mg/L	every 6 days when irrigating	1	-	-	0.49
nitrogen (total)	mg/L	every 6 days when irrigating	1	-	-	2.97
pH	pH Units	every 6 days when irrigating	1	-	-	7.97
phosphorus (total)	mg/L	every 6 days when irrigating	1	-	-	0.92
total suspended solids	mg/L	every 6 days when irrigating	1	-	-	<2

EPA Point 13 Site code PI0013	Point description: Outlet of the effluent irrigation western dam					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
carbonaceous biochemical oxygen demand	mg/L	every 6 days when irrigating	1	-	-	3
faecal coliforms	CFU/100mL	every 6 days when irrigating	1	-	-	80
nitrogen (ammonia)	mg/L	every 6 days when irrigating	1	-	-	0.07
nitrogen (total)	mg/L	every 6 days when irrigating	1	-	-	3.69
pH	pH Units	every 6 days when irrigating	1	-	-	8.18
phosphorus (total)	mg/L	every 6 days when irrigating	1	-	-	0.16

EPA Point 13 Site code PI0013	Point description: Outlet of the effluent irrigation western dam					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
total suspended solids	mg/L	every 6 days when irrigating	1	-	-	5

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

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Picton Wastewater Treatment Plant
March Pollution Monitoring Summary

EPL 10555

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

Licensee: Sydney Water Corporation
PO Box 399
PARRAMATTA NSW 2124

Table 1: Routine monitoring data

EPA Point 1 Site code PI0001	Point description: Outlet of the effluent buffer tank at the western dam					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
carbonaceous biochemical oxygen demand	mg/L	on bypass	6	<2	<2	3
faecal coliforms	CFU/100mL	on bypass	6	59	307	780
nitrogen (ammonia)	mg/L	on bypass	6	<0.1	0.12	0.4
nitrogen (total)	mg/L	on bypass	6	2.39	3.01	4.09
phosphorus (total)	mg/L	on bypass	6	0.26	0.3	0.37
total suspended solids	mg/L	on bypass	6	7	20	40

EPA Point 11 Site code PI0011	Point description: Outlet of the effluent irrigation eastern dam					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
carbonaceous biochemical oxygen demand	mg/L	every 6 days when irrigating	2	<2	<2	<2
faecal coliforms	CFU/100mL	every 6 days when irrigating	2	19	385	750
nitrogen (ammonia)	mg/L	every 6 days when irrigating	2	0.12	0.15	0.18
nitrogen (total)	mg/L	every 6 days when irrigating	2	3.52	3.55	3.57
pH	pH Units	every 6 days when irrigating	2	9.25	9.26	9.26
phosphorus (total)	mg/L	every 6 days when irrigating	2	0.96	0.98	1
total suspended solids	mg/L	every 6 days when irrigating	2	2	3	4

No samples collected at EPA Point 13 as the irrigation system was not operating during the March monitoring period.

Average and percentile limits are only applied annually for routine monitoring data .

Picton Wastewater Treatment Plant
February Pollution Monitoring Summary

EPL 10555

Summary period: 01-02-2019 to 28-02-2019
Date obtained: 25-02-2019
Date published: 08-03-2019

Licensee: Sydney Water Corporation
PO Box 399
PARRAMATTA NSW 2124

Table 1: Routine monitoring data

EPA Point 11 Site code PI0011	Point description: Outlet of the effluent irrigation eastern dam					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
carbonaceous biochemical oxygen demand	mg/L	every 6 days when irrigating	3	<2	<2	3
faecal coliforms	CFU/100mL	every 6 days when irrigating	3	7	109	180
nitrogen (ammonia)	mg/L	every 6 days when irrigating	3	0.08	0.12	0.17
nitrogen (total)	mg/L	every 6 days when irrigating	3	3.71	3.94	4.11
pH	pH Units	every 6 days when irrigating	3	9.59	9.64	9.69
phosphorus (total)	mg/L	every 6 days when irrigating	3	0.95	0.97	0.99
total suspended solids	mg/L	every 6 days when irrigating	3	5	6	7

EPA Point 13 Site code PI0013	Point description: Outlet of the effluent irrigation western dam					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
carbonaceous biochemical oxygen demand	mg/L	every 6 days when irrigating	3	<2	<2	5
faecal coliforms	CFU/100mL	every 6 days when irrigating	3	46	75	130
nitrogen (ammonia)	mg/L	every 6 days when irrigating	3	0.01	0.02	0.02
nitrogen (total)	mg/L	every 6 days when irrigating	3	1.73	2.42	2.79
pH	pH Units	every 6 days when irrigating	3	9.39	9.76	10.11
phosphorus (total)	mg/L	every 6 days when irrigating	3	0.16	0.19	0.22
total suspended solids	mg/L	every 6 days when irrigating	3	5	8	10

Average and percentile limits are only applied annually for routine monitoring data.

No samples collected at EPA Point 11 and EPA Point 13 as the irrigation system was not operating during the January monitoring period.

Picton Wastewater Treatment Plant
December Pollution Monitoring Summary

EPL 10555

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

Licensee: Sydney Water Corporation
PO Box 399
PARRAMATTA NSW 2124

Table 1: Routine monitoring data

EPA Point 1 Site code PI0001	Point description: Outlet of the effluent buffer tank at the western dam					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
carbonaceous biochemical oxygen demand	mg/L	on bypass	2	<2	<2	<2
faecal coliforms	CFU/100mL	on bypass	2	250	255	260
nitrogen (ammonia)	mg/L	on bypass	2	0.5	0.65	0.8
nitrogen (total)	mg/L	on bypass	2	2.69	2.98	3.26
phosphorus (total)	mg/L	on bypass	2	0.13	0.13	0.13
total suspended solids	mg/L	on bypass	2	3	4	4

EPA Point 11 Site code PI0011	Point description: Outlet of the effluent irrigation eastern dam					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
carbonaceous biochemical oxygen demand	mg/L	every 6 days when irrigating	1	-	-	<2
faecal coliforms	CFU/100mL	every 6 days when irrigating	1	-	-	5
nitrogen (ammonia)	mg/L	every 6 days when irrigating	1	-	-	0.06
nitrogen (total)	mg/L	every 6 days when irrigating	1	-	-	5.16
pH	pH Units	every 6 days when irrigating	1	-	-	9.26
phosphorus (total)	mg/L	every 6 days when irrigating	1	-	-	1.3
total suspended solids	mg/L	every 6 days when irrigating	1	-	-	6

EPA Point 13 Site code PI0013	Point description: Outlet of the effluent irrigation western dam					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
carbonaceous biochemical oxygen demand	mg/L	every 6 days when irrigating	1	-	-	<2
faecal coliforms	CFU/100mL	every 6 days when irrigating	1	-	-	100
nitrogen (ammonia)	mg/L	every 6 days when irrigating	1	-	-	0.16
nitrogen (total)	mg/L	every 6 days when irrigating	1	-	-	4.2
pH	pH Units	every 6 days when irrigating	1	-	-	7.81
phosphorus (total)	mg/L	every 6 days when irrigating	1	-	-	0.12

EPA Point 13 Site code PI0013	Point description: Outlet of the effluent irrigation western dam					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
total suspended solids	mg/L	every 6 days when irrigating	1	-	-	<2

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

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Picton Wastewater Treatment Plant
November Pollution Monitoring Summary

EPL 10555

Summary period: 01-11-2018 to 30-11-2018
Date obtained: 07-12-2018
Date published: 18-12-2018

Licensee: Sydney Water Corporation
PO Box 399
PARRAMATTA NSW 2124

Table 1: Routine monitoring data

EPA Point 1 Site code PI0001	Point description: Outlet of the effluent buffer tank at the western dam					
pollutant	**unit of measure**	**sampling frequency**	**number of samples**	**minimum result**	**mean result**	**maximum result**
carbonaceous biochemical oxygen demand	mg/L	on bypass	3	<2	<2	<2
faecal coliforms	CFU/100mL	on bypass	3	85	335	630
nitrogen (ammonia)	mg/L	on bypass	3	0.3	0.3	0.3
nitrogen (total)	mg/L	on bypass	3	3.08	3.17	3.31
phosphorus (total)	mg/L	on bypass	3	0.07	0.08	0.08
total suspended solids	mg/L	on bypass	3	3	3	3

EPA Point 11 Site code PI0011	Point description: Outlet of the effluent irrigation eastern dam					
pollutant	**unit of measure**	**sampling frequency**	**number of samples**	**minimum result**	**mean result**	**maximum result**
carbonaceous biochemical oxygen demand	mg/L	every 6 days when irrigating	3	<2	<2	<2
faecal coliforms	CFU/100mL	every 6 days when irrigating	3	59	186	270
nitrogen (ammonia)	mg/L	every 6 days when irrigating	3	0.02	0.06	0.08
nitrogen (total)	mg/L	every 6 days when irrigating	3	5.97	6.15	6.48
pH	pH Units	every 6 days when irrigating	3	8.44	8.46	8.49
phosphorus (total)	mg/L	every 6 days when irrigating	3	1.1	1.44	1.63
total suspended solids	mg/L	every 6 days when irrigating	3	<2	<2	3

EPA Point 13 Site code PI0013	Point description: Outlet of the effluent irrigation western dam					
pollutant	**unit of measure**	**sampling frequency**	**number of samples**	**minimum result**	**mean result**	**maximum result**
carbonaceous biochemical oxygen demand	mg/L	every 6 days when irrigating	2	2	4	6
faecal coliforms	CFU/100mL	every 6 days when irrigating	2	30	43	56
nitrogen (ammonia)	mg/L	every 6 days when irrigating	2	0.01	0.08	0.14
nitrogen (total)	mg/L	every 6 days when irrigating	2	3.78	4.18	4.58
pH	pH Units	every 6 days when irrigating	2	7.97	8.88	9.79
phosphorus (total)	mg/L	every 6 days when irrigating	2	0.06	0.11	0.15

EPA Point 13 Site code PI0013	Point description: Outlet of the effluent irrigation western dam					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
total suspended solids	mg/L	every 6 days when irrigating	2	<2	2	4

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

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Picton Wastewater Treatment Plant
October Pollution Monitoring Summary

EPL 10555

Summary period: 01-10-2018 to 31-10-2018
Date obtained: 01-11-2018
Date published: 05-11-2018

Licensee: Sydney Water Corporation
PO Box 399
PARRAMATTA NSW 2124

Table 1: Routine monitoring data

EPA Point 1 Site code PI0001	Point description: Outlet of the effluent buffer tank at the western dam					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
carbonaceous biochemical oxygen demand	mg/L	on bypass	2	3	3	3
faecal coliforms	CFU/100mL	on bypass	2	110	1955	3,800
nitrogen (ammonia)	mg/L	on bypass	2	0.2	0.2	0.2
nitrogen (total)	mg/L	on bypass	2	4.59	4.69	4.79
phosphorus (total)	mg/L	on bypass	2	0.07	0.12	0.18
total suspended solids	mg/L	on bypass	2	2	5	7

EPA Point 11 Site code PI0011	Point description: Outlet of the effluent irrigation eastern dam					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
carbonaceous biochemical oxygen demand	mg/L	every 6 days when irrigating	2	<2	<2	<2
faecal coliforms	CFU/100mL	every 6 days when irrigating	2	270	275	280
nitrogen (ammonia)	mg/L	every 6 days when irrigating	2	0.03	0.05	0.07
nitrogen (total)	mg/L	every 6 days when irrigating	2	5.6	5.76	5.92
pH	pH Units	every 6 days when irrigating	2	8.47	8.65	8.83
phosphorus (total)	mg/L	every 6 days when irrigating	2	0.39	0.59	0.79
total suspended solids	mg/L	every 6 days when irrigating	2	<2	<2	3

EPA Point 13 Site code PI0013	Point description: Outlet of the effluent irrigation western dam					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
carbonaceous biochemical oxygen demand	mg/L	every 6 days when irrigating	1	-	-	3
faecal coliforms	CFU/100mL	every 6 days when irrigating	1	-	-	21
nitrogen (ammonia)	mg/L	every 6 days when irrigating	1	-	-	0.13
nitrogen (total)	mg/L	every 6 days when irrigating	1	-	-	4.69
pH	pH Units	every 6 days when irrigating	1	-	-	8.5
phosphorus (total)	mg/L	every 6 days when irrigating	1	-	-	0.08

EPA Point 13 Site code PI0013	Point description: Outlet of the effluent irrigation western dam					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
total suspended solids	mg/L	every 6 days when irrigating	1	-	-	3

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

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Picton Wastewater Treatment Plant
September Pollution Monitoring Summary

EPL 10555

Summary period: 01-09-2018 to 30-09-2018
Date obtained: 16-10-2018
Date published: 19-10-2018

Licensee: Sydney Water Corporation
PO Box 399
PARRAMATTA NSW 2124

Table 1: Routine monitoring data

EPA Point 1 Site code PI0001	Point description: Outlet of the effluent buffer tank at the western dam					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
carbonaceous biochemical oxygen demand	mg/L	on bypass	16	<2	<2	18
faecal coliforms	CFU/100mL	on bypass	16	23	62	150
nitrogen (ammonia)	mg/L	on bypass	16	<0.1	0.17	0.7
nitrogen (total)	mg/L	on bypass	16	4.01	4.42	5
phosphorus (total)	mg/L	on bypass	16	0.07	0.08	0.12
total suspended solids	mg/L	on bypass	16	<2	2	6

EPA Point 11 Site code PI0011	Point description: Outlet of the effluent irrigation eastern dam					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
carbonaceous biochemical oxygen demand	mg/L	every 6 days when irrigating	2	<2	<2	2
faecal coliforms	CFU/100mL	every 6 days when irrigating	2	16	223	430
nitrogen (ammonia)	mg/L	every 6 days when irrigating	2	0.02	0.03	0.04
nitrogen (total)	mg/L	every 6 days when irrigating	2	5.38	5.39	5.39
pH	pH Units	every 6 days when irrigating	2	9.08	9.18	9.27
phosphorus (total)	mg/L	every 6 days when irrigating	2	0.35	0.35	0.35
total suspended solids	mg/L	every 6 days when irrigating	2	2	4	5

EPA Point 13 Site code PI0013	Point description: Outlet of the effluent irrigation western dam					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
carbonaceous biochemical oxygen demand	mg/L	every 6 days when irrigating	2	2	3	3
faecal coliforms	CFU/100mL	every 6 days when irrigating	2	38	79	120
nitrogen (ammonia)	mg/L	every 6 days when irrigating	2	0.23	0.28	0.33
nitrogen (total)	mg/L	every 6 days when irrigating	2	4.77	4.87	4.97
pH	pH Units	every 6 days when irrigating	2	8.26	8.32	8.38
phosphorus (total)	mg/L	every 6 days when irrigating	2	0.08	0.08	0.08

EPA Point 13 Site code PI0013	Point description: Outlet of the effluent irrigation western dam					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
total suspended solids	mg/L	every 6 days when irrigating	2	3	4	4

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

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Picton Wastewater Treatment Plant
August Pollution Monitoring Summary

EPL 10555

Summary period: 01-08-2018 to 31-08-2018
Date obtained: 06-09-2018
Date published: 14-09-2018

Licensee: Sydney Water Corporation
PO Box 399
PARRAMATTA NSW 2124

Table 1: Routine monitoring data

EPA Point 1 Site code PI0001	Point description: Outlet of the effluent buffer tank at the western dam					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
carbonaceous biochemical oxygen demand	mg/L	on bypass	2	<2	<2	<2
faecal coliforms	CFU/100mL	on bypass	2	110	115	120
nitrogen (ammonia)	mg/L	on bypass	2	0.1	0.1	0.1
nitrogen (total)	mg/L	on bypass	2	3.38	3.42	3.46
phosphorus (total)	mg/L	on bypass	2	0.06	0.06	0.06
total suspended solids	mg/L	on bypass	2	<2	<2	2

EPA Point 11 Site code PI0011	Point description: Outlet of the effluent irrigation eastern dam					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
carbonaceous biochemical oxygen demand	mg/L	every 6 days when irrigating	1	-	-	<2
faecal coliforms	CFU/100mL	every 6 days when irrigating	1	-	-	13
nitrogen (ammonia)	mg/L	every 6 days when irrigating	1	-	-	0.09
nitrogen (total)	mg/L	every 6 days when irrigating	1	-	-	5.68
pH	pH Units	every 6 days when irrigating	1	-	-	7.82
phosphorus (total)	mg/L	every 6 days when irrigating	1	-	-	0.5
total suspended solids	mg/L	every 6 days when irrigating	1	-	-	<2

EPA Point 13 Site code PI0013	Point description: Outlet of the effluent irrigation western dam					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
carbonaceous biochemical oxygen demand	mg/L	every 6 days when irrigating	1	-	-	<2
faecal coliforms	CFU/100mL	every 6 days when irrigating	1	-	-	170
nitrogen (ammonia)	mg/L	every 6 days when irrigating	1	-	-	0.1
nitrogen (total)	mg/L	every 6 days when irrigating	1	-	-	4.01
pH	pH Units	every 6 days when irrigating	1	-	-	7.98
phosphorus (total)	mg/L	every 6 days when irrigating	1	-	-	0.08

EPA Point 13 Site code PI0013	Point description: Outlet of the effluent irrigation western dam					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
total suspended solids	mg/L	every 6 days when irrigating	1	-	-	<2

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

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Picton Wastewater Treatment Plant
July Pollution Monitoring Summary

EPL 10555

Summary period: 01-07-2018 to 31-07-2018
Date obtained: 02-08-2018
Date published: 14-08-2018

Licensee: Sydney Water Corporation
PO Box 399
PARRAMATTA NSW 2124

Table 1: Routine monitoring data

EPA Point 11 Site code PI0011	Point description: Outlet of the effluent irrigation eastern dam					
pollutant	**unit of measure**	**sampling frequency**	**number of samples**	**minimum result**	**mean result**	**maximum result**
carbonaceous biochemical oxygen demand	mg/L	every 6 days when irrigating	2	<2	<2	<2
faecal coliforms	CFU/100mL	every 6 days when irrigating	2	15	26	36
nitrogen (ammonia)	mg/L	every 6 days when irrigating	2	0.08	0.1	0.11
nitrogen (total)	mg/L	every 6 days when irrigating	2	5.24	5.52	5.8
pH	pH Units	every 6 days when irrigating	2	7.88	7.93	7.98
phosphorus (total)	mg/L	every 6 days when irrigating	2	0.62	0.64	0.66
total suspended solids	mg/L	every 6 days when irrigating	2	<2	<2	<2

EPA Point 13 Site code PI0013	Point description: Outlet of the effluent irrigation western dam					
pollutant	**unit of measure**	**sampling frequency**	**number of samples**	**minimum result**	**mean result**	**maximum result**
carbonaceous biochemical oxygen demand	mg/L	every 6 days when irrigating	3	<2	<2	<2
faecal coliforms	CFU/100mL	every 6 days when irrigating	3	33	43	53
nitrogen (ammonia)	mg/L	every 6 days when irrigating	3	0.15	0.17	0.18
nitrogen (total)	mg/L	every 6 days when irrigating	3	4.02	4.36	4.68
pH	pH Units	every 6 days when irrigating	3	7.58	7.74	7.89
phosphorus (total)	mg/L	every 6 days when irrigating	3	0.1	0.12	0.14
total suspended solids	mg/L	every 6 days when irrigating	3	<2	<2	2

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

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