

**Eastern Creek Operations Pty Ltd**

UR-3R Facility, Wallgrove Road, Eastern Creek, NSW 2766

PO Box 202, Horsley Park, NSW 2175

Environment Protection Licence # 11798

<http://www.environment.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=31791&SYSUID=1&LICID=11798>

**Monitoring Data for April 2026**

Date published 5 May 2026

Monitoring Data for Point ID#5



ID#5 is the sampling point for overflows from the Eastern Creek UR-3R Facility’s stormwater capture dam.

The stormwater system is designed to capture the first flush (the first 10mm of rainfall runoff from the site) and thereafter to allow the excess stormwater to overflow after passing through the capture dam. The sampling results shown on this report are for the overflow stormwater, not the ‘first flush’ captured water.

The Facility’s stormwater system is designed to mitigate runoff so that the 1:100 year site stormwater discharge rate is no larger than a 1:5 year runoff event would have been before the construction of the Facility.

Monitoring frequency required by the licence: Daily during any discharge  
Number of times sampled during the month: *No discharge occurred*

Analyte	Units of Measure	Min. Value	Mean Value	Median Value	Max. Value
Phosphorus (Total)	milligrams per litre	N/A	N/A	N/A	N/A
BOD	milligrams per litre	N/A	N/A	N/A	N/A
Nitrogen- Total as N	milligrams per litre	N/A	N/A	N/A	N/A
Oil and Grease	milligrams per litre	N/A	N/A	N/A	N/A
Suspended Solids	milligrams per litre	N/A	N/A	N/A	N/A
pH	pH	N/A	N/A	N/A	N/A

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**Monitoring Data for March 2026**

Date published 5 May 2026

Monitoring Data for Point ID#5



ID#5 is the sampling point for overflows from the Eastern Creek UR-3R Facility’s stormwater capture dam.

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Monitoring frequency required by the licence: Daily during any discharge  
Number of times sampled during the month: 4

Analyte	Units of Measure	Min. Value	Mean Value	Median Value	Max. Value
<b>Phosphorus (Total)</b>	milligrams per litre	0.2	0.2	0.2	0.3
<b>BOD</b>	milligrams per litre	<4	7	7	7
<b>Nitrogen- Total as N</b>	milligrams per litre	2	4	4	5
<b>Oil and Grease</b>	milligrams per litre	<5	<5	<5	<5
<b>Suspended Solids</b>	milligrams per litre	4	10	9	17
<b>pH</b>	pH	7.1	7.3	7.3	7.5

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**Monitoring Data for February 2026**

Date published 05 Apr 2026

Monitoring Data for Point ID#5



ID#5 is the sampling point for overflows from the Eastern Creek UR-3R Facility’s stormwater capture dam.

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Monitoring frequency required by the licence: Daily during any discharge  
Number of times sampled during the month: 5

Analyte	Units of Measure	Min. Value	Mean Value	Median Value	Max. Value
Phosphorus (Total)	milligrams per litre	0.3	0.5	0.4	1.0
BOD	milligrams per litre	<4	9	9	14
Nitrogen- Total as N	milligrams per litre	3	4	4	6
Oil and Grease	milligrams per litre	<5	6.0	5	9
Suspended Solids	milligrams per litre	<2	10	10	13
pH	pH	6.8	7.0	6.9	7.4

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### Monitoring Data for January 2026

Date published 05 Feb 2026

#### Monitoring Data for Point ID#5



ID#5 is the sampling point for overflows from the Eastern Creek UR-3R Facility's stormwater capture dam.

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Monitoring frequency required by the licence:

Daily during any discharge

Number of times sampled during the month:

*No discharge occurred*

Analyte	Units of Measure	Min. Value	Mean Value	Median Value	Max. Value
Phosphorus (Total)	milligrams per litre	N/A	N/A	N/A	N/A
BOD	milligrams per litre	N/A	N/A	N/A	N/A
Nitrogen- Total as N	milligrams per litre	N/A	N/A	N/A	N/A
Oil and Grease	milligrams per litre	N/A	N/A	N/A	N/A
Suspended Solids	milligrams per litre	N/A	N/A	N/A	N/A
pH	pH	N/A	N/A	N/A	N/A

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**Monitoring Data for December 2025**

Date published 16 Jan 2026

Monitoring Data for Point ID#5



ID#5 is the sampling point for overflows from the Eastern Creek UR-3R Facility’s stormwater capture dam.

The stormwater system is designed to capture the first flush (the first 10mm of rainfall runoff from the site) and thereafter to allow the excess stormwater to overflow after passing through the capture dam. The sampling results shown on this report are for the overflow stormwater, not the ‘first flush’ captured water.

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Monitoring frequency required by the licence: Daily during any discharge  
Number of times sampled during the month: *No discharge occurred*

Analyte	Units of Measure	Min. Value	Mean Value	Median Value	Max. Value
Phosphorus (Total)	milligrams per litre	N/A	N/A	N/A	N/A
BOD	milligrams per litre	N/A	N/A	N/A	N/A
Nitrogen- Total as N	milligrams per litre	N/A	N/A	N/A	N/A
Oil and Grease	milligrams per litre	N/A	N/A	N/A	N/A
Suspended Solids	milligrams per litre	N/A	N/A	N/A	N/A
pH	pH	N/A	N/A	N/A	N/A

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### Monitoring Data for November 2025

Date published 25 Nov 2025

#### Monitoring Data for Point ID#5



ID#5 is the sampling point for overflows from the Eastern Creek UR-3R Facility's stormwater capture dam.

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Monitoring frequency required by the licence:

Daily during any discharge

Number of times sampled during the month:

*No discharge occurred*

Analyte	Units of Measure	Min. Value	Mean Value	Median Value	Max. Value
Phosphorus (Total)	milligrams per litre	N/A	N/A	N/A	N/A
BOD	milligrams per litre	N/A	N/A	N/A	N/A
Nitrogen- Total as N	milligrams per litre	N/A	N/A	N/A	N/A
Oil and Grease	milligrams per litre	N/A	N/A	N/A	N/A
Suspended Solids	milligrams per litre	N/A	N/A	N/A	N/A
pH	pH	N/A	N/A	N/A	N/A

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### Monitoring Data for October 2025

Date published 25 Nov 2025

#### Monitoring Data for Point ID#5



ID#5 is the sampling point for overflows from the Eastern Creek UR-3R Facility's stormwater capture dam.

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Monitoring frequency required by the licence:

Daily during any discharge

Number of times sampled during the month:

*No discharge occurred*

Analyte	Units of Measure	Min. Value	Mean Value	Median Value	Max. Value
Phosphorus (Total)	milligrams per litre	N/A	N/A	N/A	N/A
BOD	milligrams per litre	N/A	N/A	N/A	N/A
Nitrogen- Total as N	milligrams per litre	N/A	N/A	N/A	N/A
Oil and Grease	milligrams per litre	N/A	N/A	N/A	N/A
Suspended Solids	milligrams per litre	N/A	N/A	N/A	N/A
pH	pH	N/A	N/A	N/A	N/A

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### Monitoring Data for September 2025

Date published 21 October 2025

#### Monitoring Data for Point ID#5



ID#5 is the sampling point for overflows from the Eastern Creek UR-3R Facility's stormwater capture dam.

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Monitoring frequency required by the licence:

Daily during any discharge

Number of times sampled during the month:

2

Analyte	Units of Measure	Min. Value	Mean Value	Median Value	Max. Value
Phosphorus (Total)	milligrams per litre	0.1	0.5	0.5	0.9
BOD	milligrams per litre	4	19	19	34
Nitrogen- Total as N	milligrams per litre	2	6	6	10
Oil and Grease	milligrams per litre	<5	5.5	5.5	6
Suspended Solids	milligrams per litre	15	40	40	65
pH	pH	7.0	7.2	7.2	7.3

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### Monitoring Data for August 2025

Date published 21 September 2025

#### Monitoring Data for Point ID#5



ID#5 is the sampling point for overflows from the Eastern Creek UR-3R Facility's stormwater capture dam.

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The Facility's stormwater system is designed to mitigate runoff so that the 1:100 year site stormwater discharge rate is no larger than a 1:5 year runoff event would have been before the construction of the Facility.

Monitoring frequency required by the licence:

Daily during any discharge

Number of times sampled during the month:

9

Analyte	Units of Measure	Min. Value	Mean Value	Median Value	Max. Value
Phosphorus (Total)	milligrams per litre	0.2	1.0	0.6	4.9
BOD	milligrams per litre	<4	19	5	86
Nitrogen- Total as N	milligrams per litre	1	5	3	16
Oil and Grease	milligrams per litre	<5	27.0	27	27
Suspended Solids	milligrams per litre	3	67	19	340
pH	pH	6.8	7.0	6.9	7.5

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**Monitoring Data for July 2025**

Date published 27 August 2025

Monitoring Data for Point ID#5



ID#5 is the sampling point for overflows from the Eastern Creek UR-3R Facility’s stormwater capture dam.

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The Facility’s stormwater system is designed to mitigate runoff so that the 1:100 year site stormwater discharge rate is no larger than a 1:5 year runoff event would have been before the construction of the Facility.

Monitoring frequency required by the licence: Daily during any discharge  
Number of times sampled during the month: 4

Analyte	Units of Measure	Min. Value	Mean Value	Median Value	Max. Value
<b>Phosphorus (Total)</b>	milligrams per litre	0.5	1.1	1.0	1.9
<b>BOD</b>	milligrams per litre	5	34	38	57
<b>Nitrogen- Total as N</b>	milligrams per litre	4	9	7	17
<b>Oil and Grease</b>	milligrams per litre	<5	6.3	7	7
<b>Suspended Solids</b>	milligrams per litre	7	47	47	85
<b>pH</b>	pH	6.8	7.0	7.0	7.2

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### Monitoring Data for June 2025

Date published 27 July 2025

#### Monitoring Data for Point ID#5



ID#5 is the sampling point for overflows from the Eastern Creek UR-3R Facility's stormwater capture dam.

The stormwater system is designed to capture the first flush (the first 10mm of rainfall runoff from the site) and thereafter to allow the excess stormwater to overflow after passing through the capture dam. The sampling results shown on this report are for the overflow stormwater, not the 'first flush' captured water.

The Facility's stormwater system is designed to mitigate runoff so that the 1:100 year site stormwater discharge rate is no larger than a 1:5 year runoff event would have been before the construction of the Facility.

Monitoring frequency required by the licence:

Daily during any discharge

Number of times sampled during the month:

*No discharge occurred*

Analyte	Units of Measure	Min. Value	Mean Value	Median Value	Max. Value
Phosphorus (Total)	milligrams per litre	N/A	N/A	N/A	N/A
BOD	milligrams per litre	N/A	N/A	N/A	N/A
Nitrogen- Total as N	milligrams per litre	N/A	N/A	N/A	N/A
Oil and Grease	milligrams per litre	N/A	N/A	N/A	N/A
Suspended Solids	milligrams per litre	N/A	N/A	N/A	N/A
pH	pH	N/A	N/A	N/A	N/A

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### Monitoring Data for May 2025

Date published 21 Jun 2025

#### Monitoring Data for Point ID#5



ID#5 is the sampling point for overflows from the Eastern Creek UR-3R Facility's stormwater capture dam.

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Monitoring frequency required by the licence:

Daily during any discharge

Number of times sampled during the month:

8

Analyte	Units of Measure	Min. Value	Mean Value	Median Value	Max. Value
Phosphorus (Total)	milligrams per litre	0.2	0.5	0.5	1.0
BOD	milligrams per litre	<5	21	10	75
Nitrogen- Total as N	milligrams per litre	2	7	5	17
Oil and Grease	milligrams per litre	<5	5.6	5	10
Suspended Solids	milligrams per litre	<2	27	26	55
pH	pH	6.8	7.4	7.5	7.7