



Ashford Water Treatment Plant

Licence Period: 6 September 2021 to 5 September 2022

EPL No. 4412: Ashford Water Treatment Plant

<https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=4412&id=4412&option=licence&searchrange=licence&range=POEO licence&prp=no&status=Issued>

Beaumont Road, Ashford NSW 2361

Licensee: Inverell Shire Council

Monitoring Frequency - Monthly

| Sample date: 06/10/2021 | Analysis obtained: | | Data published: | | |
|-------------------------|------------------------|-------|-----------------|-----------|---------------------|
| | Pollutant | Units | Measurement | Limit | Exceedance (Yes/No) |
| Monitoring Point 1 | Aluminium | mg/L | 1 | 0.1 | Yes |
| | pH | - | 7.3 | 6.5 - 8.5 | No |
| | Total Suspended Soilds | mg/L | 15 | 20 | No |

Comments: Sludge entrapment into sample dry lagoon changeover.

| Sample date: 09/11/2021 | Analysis obtained: 17/11/2021 | | Data published: 26/11/2021 | | |
|-------------------------|-------------------------------|-------|----------------------------|-----------|---------------------|
| | Pollutant | Units | Measurement | Limit | Exceedance (Yes/No) |
| Monitoring Point 1 | Aluminium | mg/L | 0.49 | 0.1 | Yes |
| | pH | - | 7.1 | 6.5 - 8.5 | No |
| | Total Suspended Soilds | mg/L | 9 | 20 | No |

Comments: Lagoon maintenance initiated sludge disturbance resulting in slightly elevated Aluminium.

| Sample date: 7/12/2021 | Analysis obtained: 16/12/2021 | | Data published: 20/12/2021 | | |
|------------------------|-------------------------------|-------|----------------------------|-----------|---------------------|
| | Pollutant | Units | Measurement | Limit | Exceedance (Yes/No) |
| Monitoring Point 1 | Aluminium | mg/L | 0.25 | 0.1 | Yes |
| | pH | - | 7.1 | 6.5 - 8.5 | No |
| | Total Suspended Soilds | mg/L | 6 | 20 | No |

Comments: Lagoon maintenance initiated sludge disturbance resulting in slightly elevated Aluminium.

| Sample date: 11/01/2022 | Analysis obtained: 20/01/2022 | | Data published: 9/02/2022 | | |
|-------------------------|-------------------------------|-------|---------------------------|-----------|---------------------|
| | Pollutant | Units | Measurement | Limit | Exceedance (Yes/No) |
| Monitoring Point 1 | Aluminium | mg/L | 0.01 | 0.1 | No |
| | pH | - | 7 | 6.5 - 8.5 | No |
| | Total Suspended Soilds | mg/L | 2 | 20 | No |

Comments:

| Sample date: 01/02/2022 | Analysis obtained: 09/02/2022 | | Data published: 10/02/2022 | | |
|-------------------------|-------------------------------|-------|----------------------------|-----------|---------------------|
| | Pollutant | Units | Measurement | Limit | Exceedance (Yes/No) |
| Monitoring Point 1 | Aluminium | mg/L | 0.03 | 0.1 | No |
| | pH | - | 7.1 | 6.5 - 8.5 | No |
| | Total Suspended Soilds | mg/L | 3 | 20 | No |

Comments:

| Sample date: 01/03/2022 | Analysis obtained: 10/03/2022 | | Data published: 10/03/2022 | | |
|-------------------------|-------------------------------|-------|----------------------------|-----------|---------------------|
| | Pollutant | Units | Measurement | Limit | Exceedance (Yes/No) |
| Monitoring Point 1 | Aluminium | mg/L | <0.01 | 0.1 | No |
| | pH | - | 6.9 | 6.5 - 8.5 | No |
| | Total Suspended Soilds | mg/L | <2 | 20 | No |

Comments:

| Sample date: 12/04/2022 | Analysis obtained: 27/04/2022 | | Data published: 03/05/2022 | | |
|-------------------------|-------------------------------|-------|----------------------------|-----------|---------------------|
| | Pollutant | Units | Measurement | Limit | Exceedance (Yes/No) |
| Monitoring Point 1 | Aluminium | mg/L | 0.04 | 0.1 | No |
| | pH | - | 7 | 6.5 - 8.5 | No |
| | Total Suspended Soilds | mg/L | <2 | 20 | No |

Comments:

| Sample date: 03/5/2022 | Analysis obtained: 12/05/2022 | | Data published: 17/05/2022 | | |
|------------------------|-------------------------------|-------|----------------------------|-----------|---------------------|
| | Pollutant | Units | Measurement | Limit | Exceedance (Yes/No) |
| Monitoring Point 1 | Aluminium | mg/L | <0.01 | 0.1 | no |
| | pH | - | 7 | 6.5 - 8.5 | no |
| | Total Suspended Soilds | mg/L | <2 | 20 | no |

Comments:



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Beaumont Road, Ashford NSW 2361
 Licensee: Inverell Shire Council
 Monitoring Frequency - Monthly

| Sample date: 07/06/2022 | Analysis obtained: 16/06/2022 | Data published: 22/06/2022 | | | |
|-------------------------|-------------------------------|----------------------------|-------------|-----------|---------------------|
| | Pollutant | Units | Measurement | Limit | Exceedance (Yes/No) |
| Monitoring Point 1 | Aluminium | mg/L | 0.72 | 0.1 | Yes |
| | pH | - | 7.1 | 6.5 - 8.5 | No |
| | Total Suspended Soilds | mg/L | 4 | 20 | No |

Comments: Aluminium - Lagoon Maintenance

| Sample date: 06/07/2022 | Analysis obtained: 16/07/2022 | Data published: 18/07/2022 | | | |
|-------------------------|-------------------------------|----------------------------|-------------|-----------|---------------------|
| | Pollutant | Units | Measurement | Limit | Exceedance (Yes/No) |
| Monitoring Point 1 | Aluminium | mg/L | 0.04 | 0.1 | No |
| | pH | - | 7 | 6.5 - 8.5 | No |
| | Total Suspended Soilds | mg/L | 3 | 20 | No |

Comments:

| Sample date: 02/08/2022 | Analysis obtained: 29/08/2022 | Data published: 30/08/2022 | | | |
|-------------------------|-------------------------------|----------------------------|-------------|-----------|---------------------|
| | Pollutant | Units | Measurement | Limit | Exceedance (Yes/No) |
| Monitoring Point 1 | Aluminium | mg/L | 0.02 | 0.1 | No |
| | pH | - | 7 | 6.5 - 8.5 | No |
| | Total Suspended Soilds | mg/L | <2 | 20 | No |

Comments:

| Sample date: 07/09/2022 | Analysis obtained: 16/09/2022 | Data published: 19/09/2022 | | | |
|-------------------------|-------------------------------|----------------------------|-------------|-----------|---------------------|
| | Pollutant | Units | Measurement | Limit | Exceedance (Yes/No) |
| Monitoring Point 1 | Aluminium | mg/L | 0.85 | 0.1 | Yes |
| | pH | - | 7.1 | 6.5 - 8.5 | No |
| | Total Suspended Soilds | mg/L | 18 | 20 | No |

Comments: Lagoon Maintenance

Licence Limit Conditions

L2: Concentration Limits

| | Pollutant | Units | 100 percentile (calculated - annual) | 100 percentile licence limit | Exceedance (Yes/No) |
|--------------------|------------------------|-------|--------------------------------------|------------------------------|---------------------|
| Monitoring Point 1 | Aluminium | mg/L | | 0.1 | |
| | pH | - | | 6.5 - 8.5 | |
| | Total Suspended Solids | mg/L | | 20 | |

L3: Volume and Mass Limits

| | Pollutant | Units | Limit | Days/year over limit |
|--------------------|-----------------|--------|-------|----------------------|
| Monitoring point 1 | Effluent Volume | kL/day | 30 | |

Comments: