



WATER AND WETLANDS OF BALICKERA CANAL - MONTHLY POLLUTION MONITORING SUMMARY - SEPTEMBER 2017

Environment Protection Licence No. 5346
 Date Obtained: N/A
 Date Published: 19 October 2017

Licensee
 Hunter Water Corporation
 36 Honeysuckle Drive
 NEWCASTLE WEST NSW 2302

QUALITY MONITORING

| EPA Id. No. 1 Site Code | Site Description - Water Quality Monitoring Balickera Canal flood gate labelled "1" on topographic map titled "Karuah 9232-I-S" | | | | | | | | | | | |
|----------------------------|--|---------------------|--|--|------------|--------------|---------|------------|-------------|---------------|----------------|---------------|
| Pollutant | Unit of Measurement | Sampling Frequency | No. of times measured during the month for licence reporting | Monthly Summary 1 September 2017 to 30 September 2017 | | | | | | | | |
| | | | | Minimum | Mean Value | Median Value | Maximum | 3DGM Limit | 3DGM Actual | 100%ile Limit | 100%ile Actual | Within Limits |
| Diquat | micrograms per litre | Special Frequency 1 | No spraying | - | - | - | - | N/A | N/A | N/A | N/A | N/A |
| Glyphosate | micrograms per litre | Special Frequency 1 | No spraying | - | - | - | - | N/A | N/A | N/A | N/A | N/A |
| Metsulfuron-methyl | micrograms per litre | Special Frequency 1 | No spraying | - | - | - | - | N/A | N/A | N/A | N/A | N/A |

QUALITY MONITORING

| EPA Id. No. 1 Site Code | Site Description - Water Quality Monitoring Balickera Canal Labelled "2" on topographic map titled "Karuah 92323-I-S" | | | | | | | | | | | |
|----------------------------|--|---------------------|--|--|------------|--------------|---------|------------|-------------|---------------|----------------|---------------|
| Pollutant | Unit of Measurement | Sampling Frequency | No. of times measured during the month for licence reporting | Monthly Summary 1 September 2017 to 30 September 2017 | | | | | | | | |
| | | | | Minimum | Mean Value | Median Value | Maximum | 3DGM Limit | 3DGM Actual | 100%ile Limit | 100%ile Actual | Within Limits |
| Diquat | micrograms per litre | Special Frequency 1 | No spraying | - | - | - | - | N/A | N/A | N/A | N/A | N/A |
| Glyphosate | micrograms per litre | Special Frequency 1 | No spraying | - | - | - | - | N/A | N/A | N/A | N/A | N/A |
| Metsulfuron-methyl | micrograms per litre | Special Frequency 1 | No spraying | - | - | - | - | N/A | N/A | N/A | N/A | N/A |

QUALITY MONITORING

| EPA Id. No. 1 Site Code | Site Description - Water Quality Balickera Canal radia gates labelled "3" on topographic map titled "Maitland 9232-IV-S" | | | | | | | | | | | |
|----------------------------|---|---------------------|--|--|------------|--------------|---------|------------|-------------|---------------|----------------|---------------|
| Pollutant | Unit of Measurement | Sampling Frequency | No. of times measured during the month for licence reporting | Monthly Summary 1 September 2017 to 30 September 2017 | | | | | | | | |
| | | | | Minimum | Mean Value | Median Value | Maximum | 3DGM Limit | 3DGM Actual | 100%ile Limit | 100%ile Actual | Within Limits |
| Diquat | micrograms per litre | Special Frequency 1 | No spraying | - | - | - | - | N/A | N/A | N/A | N/A | N/A |
| Glyphosate | micrograms per litre | Special Frequency 1 | No spraying | - | - | - | - | N/A | N/A | N/A | N/A | N/A |
| Metsulfuron-methyl | micrograms per litre | Special Frequency 1 | No spraying | - | - | - | - | N/A | N/A | N/A | N/A | N/A |

* There was no spraying of pesticides during the month (and thus no results). Licence allows us to apply herbicide 3 times during each growing period, which is nominally between 1 Oct and 31 Mar, however it could be as late as the end of April for the 3rd Application.