

Byron Shire Council - Myocum Landfill Environmental Protection Licence No. 6057

Manse Road, Tyagarah, NSW 2481

EPL weblink: <http://www.environment.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=30174&SYSUID=1&LICID=6057>

| Month | Pollutant Description | Monitoring frequency required by licence | No. of times measured during month | Volume (kL)* |
|--------|---|--|------------------------------------|--------------|
| Apr-12 | Volume of leachate collected from the Northern Landfill | Daily | 30 | 1018.34 |
| | Volume of leachate collected from the Southern Landfill | Daily | 30 | 669.69 |
| | Total volume of leachate irrigated | Daily | 30 | 0.00 |
| | Volume of leachate transported off-site | Daily | 30 | 1269.58 |
| May-12 | Volume of leachate collected from the Northern Landfill | Daily | 31 | 819.85 |
| | Volume of leachate collected from the Southern Landfill | Daily | 31 | 926.86 |
| | Total volume of leachate irrigated | Daily | 31 | 0.00 |
| | Volume of leachate transported off-site | Daily | 31 | 2711.86 |
| Jun-12 | Volume of leachate collected from the Northern Landfill | Daily | 30 | 2245.53 |
| | Volume of leachate collected from the Southern Landfill | Daily | 30 | 253.72 |
| | Total volume of leachate irrigated | Daily | 30 | 0.00 |
| | Volume of leachate transported off-site | Daily | 30 | 1713.38 |
| Jul-12 | Volume of leachate collected from the Northern Landfill | Daily | 31 | 768.07 |
| | Volume of leachate collected from the Southern Landfill | Daily | 31 | 695.58 |
| | Total volume of leachate irrigated | Daily | 31 | 0.00 |
| | Volume of leachate transported off-site | Daily | 31 | 1594.32 |
| Aug-12 | Volume of leachate collected from the Northern Landfill | Daily | 31 | 379.37 |
| | Volume of leachate collected from the Southern Landfill | Daily | 31 | 217.48 |
| | Total volume of leachate irrigated | Daily | 31 | 0.00 |
| | Volume of leachate transported off-site | Daily | 31 | 1071.34 |
| Sep-12 | Volume of leachate collected from the Northern Landfill | Daily | 30 | 193.31 |
| | Volume of leachate collected from the Southern Landfill | Daily | 30 | 111.84 |
| | Total volume of leachate irrigated | Daily | 30 | 0.00 |
| | Volume of leachate transported off-site | Daily | 30 | 124.10 |
| Oct-12 | Volume of leachate collected from the Northern Landfill | Daily | 31 | 160.52 |
| | Volume of leachate collected from the Southern Landfill | Daily | 31 | 72.49 |
| | Total volume of leachate irrigated | Daily | 31 | 0.00 |
| | Volume of leachate transported off-site | Daily | 31 | 306.84 |
| Nov-12 | Volume of leachate collected from the Northern Landfill | Daily | 30 | 98.38 |
| | Volume of leachate collected from the Southern Landfill | Daily | 30 | 75.94 |
| | Total volume of leachate irrigated | Daily | 30 | 0.00 |
| | Volume of leachate transported off-site | Daily | 30 | 220.68 |
| Dec-12 | Volume of leachate collected from the Northern Landfill | Daily | 31 | 621.01 |
| | Volume of leachate collected from the Southern Landfill | Daily | 31 | 125.31 |
| | Total volume of leachate irrigated | Daily | 31 | 0.00 |
| | Volume of leachate transported off-site | Daily | 31 | 896.10 |

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| Jan-13 | Volume of leachate collected from the Northern Landfill | Daily | 31 | 1168.50 |
| | Volume of leachate collected from the Southern Landfill | Daily | 31 | 91.48 |
| | Total volume of leachate irrigated | Daily | 31 | 0.00 |
| | Volume of leachate transported off-site | Daily | 31 | 764.22 |
| Feb-13 | Volume of leachate collected from the Northern Landfill | Daily | 31 | 1434.31 |
| | Volume of leachate collected from the Southern Landfill | Daily | 31 | 1101.19 |
| | Total volume of leachate irrigated | Daily | 31 | 0.00 |
| | Volume of leachate transported off-site | Daily | 31 | 4025.88 |
| Mar-13 | Volume of leachate collected from the Northern Landfill | Daily | 31 | 604.10 |
| | Volume of leachate collected from the Southern Landfill | Daily | 31 | 928.59 |
| | Total volume of leachate irrigated | Daily | 31 | 0.00 |
| | Volume of leachate transported off-site | Daily | 31 | 3163.36 |
| Apr-13 | Volume of leachate collected from the Northern Landfill | Daily | 30 | 843.32 |
| | Volume of leachate collected from the Southern Landfill | Daily | 30 | 916.51 |
| | Total volume of leachate irrigated | Daily | 30 | 0.00 |
| | Volume of leachate transported off-site | Daily | 30 | 2299.20 |
| May-13 | Volume of leachate collected from the Northern Landfill | Daily | 31 | 98.38 |
| | Volume of leachate collected from the Southern Landfill | Daily | 31 | 300.32 |
| | Total volume of leachate irrigated | Daily | 31 | 0.00 |
| | Volume of leachate transported off-site | Daily | 31 | 1670.38 |
| Jun-13 | Volume of leachate collected from the Northern Landfill | Daily | 30 | 364.19 |
| | Volume of leachate collected from the Southern Landfill | Daily | 30 | 234.74 |
| | Total volume of leachate irrigated | Daily | 30 | 0.00 |
| | Volume of leachate transported off-site | Daily | 30 | 747.40 |
| Jul-13 | Volume of leachate collected from the Northern Landfill | Daily | 31 | 560.95 |
| | Volume of leachate collected from the Southern Landfill | Daily | 31 | 973.46 |
| | Total volume of leachate irrigated | Daily | 31 | 0.00 |
| | Volume of leachate transported off-site | Daily | 31 | 2286.79 |
| Aug-13 | Volume of leachate collected from the Northern Landfill | Daily | 31 | 286.52 |
| | Volume of leachate collected from the Southern Landfill | Daily | 31 | 617.91 |
| | Total volume of leachate irrigated | Daily | 31 | 0.00 |
| | Volume of leachate transported off-site | Daily | 31 | 735.30 |
| Sep-13 | Volume of leachate collected from the Northern Landfill | Daily | 30 | 220.93 |
| | Volume of leachate collected from the Southern Landfill | Daily | 30 | 281.34 |
| | Total volume of leachate irrigated | Daily | 30 | 0.00 |
| | Volume of leachate transported off-site | Daily | 30 | 409.24 |
| Oct-13 | Volume of leachate collected from the Northern Landfill | Daily | 31 | 150.16 |
| | Volume of leachate collected from the Southern Landfill | Daily | 31 | 227.83 |
| | Total volume of leachate irrigated | Daily | 31 | 0.00 |
| | Volume of leachate transported off-site | Daily | 31 | 294.09 |
| Nov-13 | Volume of leachate collected from the Northern Landfill | Daily | 30 | 158.79 |
| | Volume of leachate collected from the Southern Landfill | Daily | 30 | 439.27 |
| | Total volume of leachate irrigated | Daily | 30 | 0.00 |
| | Volume of leachate transported off-site | Daily | 30 | 294.64 |

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| Dec-13 | Volume of leachate collected from the Northern Landfill | Daily | 31 | 150.16 |
| | Volume of leachate collected from the Southern Landfill | Daily | 31 | 115.64 |
| | Total volume of leachate irrigated | Daily | 31 | 0.00 |
| | Volume of leachate transported off-site | Daily | 31 | 485.66 |
| Jan-14 | Volume of leachate collected from the Northern Landfill | Daily | 31 | 184.68 |
| | Volume of leachate collected from the Southern Landfill | Daily | 31 | 131.18 |
| | Total volume of leachate irrigated | Daily | 31 | 0.00 |
| | Volume of leachate transported off-site | Daily | 31 | 246.82 |
| Feb-14 | Volume of leachate collected from the Northern Landfill | Daily | 28 | 82.85 |
| | Volume of leachate collected from the Southern Landfill | Daily | 28 | 75.94 |
| | Total volume of leachate irrigated | Daily | 28 | 0.00 |
| | Volume of leachate transported off-site | Daily | 28 | 190.00 |
| Mar-14 | Volume of leachate collected from the Northern Landfill | Daily | 31 | 270.98 |
| | Volume of leachate collected from the Southern Landfill | Daily | 31 | 127.72 |
| | Total volume of leachate irrigated | Daily | 31 | 0.00 |
| | Volume of leachate transported off-site | Daily | 31 | 608.78 |
| Apr-14 | Volume of leachate collected from the Northern Landfill | Daily | 30 | 94.93 |
| | Volume of leachate collected from the Southern Landfill | Daily | 30 | 98.38 |
| | Total volume of leachate irrigated | Daily | 30 | 0.00 |
| | Volume of leachate transported off-site | Daily | 30 | 601.12 |
| May-14 | Volume of leachate collected from the Northern Landfill | Daily | 31 | 359.01 |
| | Volume of leachate collected from the Southern Landfill | Daily | 31 | 132.90 |
| | Total volume of leachate irrigated | Daily | 31 | 0.00 |
| | Volume of leachate transported off-site | Daily | 31 | 217.84 |
| Jun-14 | Volume of leachate collected from the Northern Landfill | Daily | 30 | 98.38 |
| | Volume of leachate collected from the Southern Landfill | Daily | 30 | 105.29 |
| | Total volume of leachate irrigated | Daily | 30 | 0.00 |
| | Volume of leachate transported off-site | Daily | 30 | 244.94 |
| Jul-14 | Volume of leachate collected from the Northern Landfill | Daily | 31 | 105.29 |
| | Volume of leachate collected from the Southern Landfill | Daily | 31 | 101.83 |
| | Total volume of leachate irrigated | Daily | 31 | 0.00 |
| | Volume of leachate transported off-site | Daily | 31 | 295.12 |
| Aug-14 | Volume of leachate collected from the Northern Landfill | Daily | 31 | 711.11 |
| | Volume of leachate collected from the Southern Landfill | Daily | 31 | 191.59 |
| | Total volume of leachate irrigated | Daily | 31 | 0.00 |
| | Volume of leachate transported off-site | Daily | 31 | 842.36 |
| Sep-14 | Volume of leachate collected from the Northern Landfill | Daily | 30 | 205.39 |
| | Volume of leachate collected from the Southern Landfill | Daily | 30 | 205.39 |
| | Total volume of leachate irrigated | Daily | 30 | 0.00 |
| | Volume of leachate transported off-site | Daily | 30 | 438.08 |
| Oct-14 | Volume of leachate collected from the Northern Landfill | Daily | 31 | 98.38 |
| | Volume of leachate collected from the Southern Landfill | Daily | 31 | 120.82 |
| | Total volume of leachate irrigated | Daily | 31 | 0.00 |
| | Volume of leachate transported off-site | Daily | 31 | 328.88 |

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| Nov-14 | Volume of leachate collected from the Northern Landfill | Daily | 30 | 182.96 |
| | Volume of leachate collected from the Southern Landfill | Daily | 30 | 98.38 |
| | Total volume of leachate irrigated | Daily | 30 | 0.00 |
| | Volume of leachate transported off-site | Daily | 30 | 356.56 |
| Dec-14 | Volume of leachate collected from the Northern Landfill | Daily | 31 | 169.15 |
| | Volume of leachate collected from the Southern Landfill | Daily | 31 | 115.64 |
| | Total volume of leachate irrigated | Daily | 31 | 0.00 |
| | Volume of leachate transported off-site | Daily | 31 | 600.08 |
| Jan-15 | Volume of leachate collected from the Northern Landfill | Daily | 31 | 372.82 |
| | Volume of leachate collected from the Southern Landfill | Daily | 31 | 176.05 |
| | Total volume of leachate irrigated | Daily | 31 | 0.00 |
| | Volume of leachate transported off-site | Daily | 31 | 1555.18 |
| Feb-15 | Volume of leachate collected from the Northern Landfill | Daily | 28 | 739.2458 |
| | Volume of leachate collected from the Southern Landfill | Daily | 28 | 224.38 |
| | Total volume of leachate irrigated | Daily | 28 | 0.00 |
| | Volume of leachate transported off-site | Daily | 28 | 1735.62 |
| Mar-15 | Volume of leachate collected from the Northern Landfill | Daily | 31 | 355.56 |
| | Volume of leachate collected from the Southern Landfill | Daily | 31 | 174.33 |
| | Total volume of leachate irrigated | Daily | 31 | 0.00 |
| | Volume of leachate transported off-site | Daily | 31 | 793.40 |
| Apr-15 | Volume of leachate collected from the Northern Landfill | Daily | 30 | 305.50 |
| | Volume of leachate collected from the Southern Landfill | Daily | 30 | 227.83 |
| | Total volume of leachate irrigated | Daily | 30 | 0.00 |
| | Volume of leachate transported off-site | Daily | 30 | 1048.58 |
| May-15 | Volume of leachate collected from the Northern Landfill | Daily | 31 | 315.86 |
| | Volume of leachate collected from the Southern Landfill | Daily | 31 | 264.08 |
| | Total volume of leachate irrigated | Daily | 31 | 0.00 |
| | Volume of leachate transported off-site | Daily | 31 | 1110.55 |
| Jun-15 | Volume of leachate collected from the Northern Landfill | Daily | 30 | 386.62 |
| | Volume of leachate collected from the Southern Landfill | Daily | 30 | 141.53 |
| | Total volume of leachate irrigated | Daily | 30 | 0.00 |
| | Volume of leachate transported off-site | Daily | 30 | 745.8 |
| Jul-15 | Volume of leachate collected from the Northern Landfill | Daily | 31 | 98.38 |
| | Volume of leachate collected from the Southern Landfill | Daily | 31 | 200.22 |
| | Total volume of leachate irrigated | Daily | 31 | 0.00 |
| | Volume of leachate transported off-site | Daily | 31 | 849.90 |
| Aug-15 | Volume of leachate collected from the Northern Landfill | Daily | 31 | 72.49 |
| | Volume of leachate collected from the Southern Landfill | Daily | 31 | 134.63 |
| | Total volume of leachate irrigated | Daily | 31 | 0.00 |
| | Volume of leachate transported off-site | Daily | 31 | 324.9 |

* Volume of leachate collected from the Northern and Southern Landfill areas are calculated by multiplying operating hours for the pumps transporting leachate from the collection sumps by the pump flow rate data presented in the pump manuals. Thus, the data provided is not an exact value as actual pump flow rates may vary from those presented in the pump manual. It is likely that readings overestimate the volume actually transferred as pump flow rate data presented in a manual is representative of a new pump's capability when pumping water.

* Volume of leachate transported off-site is determined by multiplying the weight of leachate transported off-site by a density conversion factor of 1 (comparable to water).