

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

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

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	63.86
	Volume of leachate collected from the Southern Landfill	Daily	30	120.82
	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

* 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).