

TRAYNOR ENVIRONMENTAL LTD

EPA SEWAGE LOADING SIZING CHART - LONGFORD COUNTY COUNCIL

Situation	Source	Litres/day Person	BOD5 g/d Person	PE Organic Loading	Number of Persons	Population (Organic)	Hydraulic Loading (Lit)	Organic Loading (gr)	Population (Hydraulic)
Domestic	Normal Resident	150	60	1.00	6	6	900	360	6.00
Industrial	Office and/or factory without canteen	30	20	0.33		0	0	0	0.00
	Office and/or factory with canteen	60.0	30.0	0.5		0	0	0	0.00
	Open Industrial Site e.g. Quarry	40.0	25.0	0.4		0	0	0	0.00
School	Non- residential with cooking on-site Students	60.0	30.0	0.5		0	0	0	0.00
6hr Shock	Non-residential with no-cooking on site	35	20	0.33		0	0	0	0.00
Football clubs	Players incl. showers	30	20	0.33		0	0	0	0.00
	Spectators - Toilet blocks	8	10	0.17		0	0	0	0.00
Amenity Sites	Restuarants	15	15	0.25		0	0	0	0.00
	Function rooms	10	10	0.17		0	0	0	0.00
	Toilet blocks (per use)	8	10	0.17		0	0	0	0.00
	Toilet blocks (long stay car parks)	10	15	0.25		0	0	0	0.00
	Golf clubs	25	15	0.25		0	0	0	0.00
	Squash, with club house	25	15	0.25		0	0	0	0.00
	Swimming	10	10	0.17		0	0	0	0.00
						6	900	360	6.00

Loadings	
Population Org	6.00PE
Hydraulically	6.00PE

Treatment System Proposed: O' Reilly Oakstown Treatment System & Percolation Area