Current Vehicle Movements On Site

Types of vehicles, frequency and total movements (including coming and going)

Regular vehicle movements

Vehicle / Activity	Type of vehicle (example)	Frequency	Movements per trip (1 in + 1 out)	Total movements (per week)	Average daily movements	Purpose / Description
Resident truck (work)	Toyota Hilux (4x4 truck)	5 trips per week	2 movements	10 per week	1.43 per day	Coming and going to work.
Resident car (personal)	Kia Sedona (5-door MPV)	4 trips per week	2 movements	8 per week	1.14 per day	Food trips, home education trips, visits to family.
Visitors' cars	5-door cars (various makes)	3 trips per week	2 movements	6 per week	0.86 per day	Family, friends, babysitting and help on site.
Total vehicle movements				**24 per week**	**3.43 per day**	

Occasional / less frequent vehicle movements (not included in regular weekly total)

Vehicle / Activity	Type of vehicle (example)	Frequency	Movements per trip (1 in + 1 out)	Total movements (per week)	Average daily movements	Purpose / Description
Resident tractor	Tractor (various)	1 trip per month	2 movements	0.46 per week	0.066 per day	Working off-site.
Resident work (Kia Sedona)	Kia Sedona (5-door MPV)	1 trip per month	2 movements	0.46 per week	0.066 per day	Resident off-site work.
Local tractors (grass cutting)	Tractor (various)	3 trips each time; twice yearly	2 movements	0.23 per week	0.033 per day	Local farmer cutting grass, tilling and baling twice a year.
Local tractor (manure)	Tractor (various)	Up to 5 trips; once per year	2 movements	Up to 0.19 per week	Up to 0.027 per day	Delivering manure on site.
Local business van	Flatbed van (various)	1 trip every 3 weeks	2 movements	0.67 per week	0.095 per day	Local tree surgeon delivers woodchip and wood.
Tipper delivery truck	Tipper truck (various)	2 trips per year	2 movements	0.08 per week	0.011 per day	Local road track deliveries.
Total vehicle movements				**Up to 2.09 per week**	**Up to 0.30 per day**	

Note: Occasional figures are annualised averages, separate from the regular weekly total; the manure figure assumes the stated maximum.

Proposed Vehicle Movements On Site

Types of vehicles, frequency and total movements (including coming and going)

Regular vehicle movements

Vehicle / Activity	Type of vehicle (example)	Frequency	Movements per trip (1 in + 1 out)	Total movements (per week)	Average daily movements	Purpose / Description
Food shopping and home education (residents)	Kia Sedona (5-door MPV)	1 trip per week	2 movements	2 per week	0.29 per day	Combined food shopping and home education trip where possible.
Visits to family and friends (residents and visitors)	5-door car (various)	3 trips per week	2 movements	6 per week	0.86 per day	Includes family visits to site; lift-share where possible.
Volunteers (visitors)	5-door car (various)	1 trip per week	2 movements	2 per week	0.29 per day	Encourage public transport and lift-sharing.
Resident truck (work)	Toyota Hilux (4x4 truck)	1 trip per week	2 movements	2 per week	0.29 per day	Resident work trip.
Total vehicle movements				**12 per week**	**1.71 per day**	

Occasional / less frequent vehicle movements (not included in regular weekly total)

Vehicle / Activity	Type of vehicle (example)	Frequency	Movements per trip (1 in + 1 out)	Total movements (per week)	Average daily movements	Purpose / Description
Longer-distance social trips	Toyota Hilux (4x4 truck)	4 trips per year	2 movements	0.15 per week	0.022 per day	Combined with off-site work where possible.
Resident work (Kia Sedona)	Kia Sedona (5-door MPV)	1 trip per month	2 movements	0.46 per week	0.066 per day	Resident off-site work.
Combined enterprise deliveries: eggs, orchard produce, vegetables, salads, willow/hazel, charcoal and biochar	Flatbed van / delivery vehicle	1 combined trip on 1 day per week	2 movements	2.00 per week	0.286 per day	All enterprises delivered together in one weekly journey; extra enterprise deliveries combined with other already-counted trips.
Business deliveries / site visits	Flatbed van / car (various)	1 trip every 3 weeks	2 movements	0.67 per week	0.095 per day	Supplies, equipment and site visits; counted only if an additional distinct journey.
Larger delivery order	Tipper / large delivery truck	4 trips per year	2 movements	0.15 per week	0.022 per day	Bulk deliveries, scheduled to minimise trips.
On-site courses	5-door car (various)	5 courses per year; up to 10 vehicles per course	2 movements per vehicle	Up to 1.92 per week	Up to 0.274 per day	Up to 50 vehicle return trips per year; encourage public transport and car sharing.
Open days (seasonal)	5-door car (various)	4 days per year; up to 10 vehicles per event	2 movements per vehicle	Up to 1.54 per week	Up to 0.219 per day	Up to 10 vehicles per event; encourage lift-sharing, walking or public transport.
Total vehicle movements				**Up to 6.90 per week**	**Up to 0.98 per day**	

Note: Enterprise products are grouped into ONE weekly return trip. Extra enterprise journeys are included within other counted trips. Business deliveries/site visits every three weeks are counted separately;

Proposed Vehicle Movements During Site Builds

Types of vehicles, frequency and total movements (including coming and going)

Regular vehicle movements

Vehicle / Activity	Type of vehicle (example)	Frequency	Movements per trip (1 in + 1 out)	Total movements (per week)	Average daily movements	Purpose / Description
Volunteer helpers	5-door car (various)	3 trips per week	2 movements	6 per week	0.86 per day	Volunteer helpers assisting with build.
Additional materials (resident)	Toyota Hilux with trailer	2 trips per week	2 movements	4 per week	0.57 per day	Collecting additional building materials and supplies.
Total vehicle movements				**10 per week**	**1.43 per day**	

Occasional / less frequent vehicle movements (not included in regular weekly total)

Vehicle / Activity	Type of vehicle (example)	Frequency	Movements per trip (1 in + 1 out)	Total movements (per week)	Average daily movements	Purpose / Description
HGV – timber delivery	HGV (articulated or rigid)	1 trip per month	2 movements	0.46 per week	0.066 per day	Delivery of timber for site build (18 movements total).
HGV – livestock feeder	HGV (rigid)	1 trip total	2 movements	0.05 per week	0.007 per day	Delivery of livestock feeder (2 movements total).
Plumbing contractor	Van (various)	1 trip per day for 5 days (one week)	2 movements	0.26 per week	0.037 per day	Plumbing installation (10 movements in one week).
Electrical contractor	Van (various)	1 trip per day for 5 days (one week)	2 movements	0.26 per week	0.037 per day	Electrical installation (10 movements in a different week).
Plastering contractor	Van (various)	1 trip per day for 5 days (one week)	2 movements	0.26 per week	0.037 per day	Plastering works (10 movements in a different week).
Borehole lorry	HGV (specialist lorry)	3 trips total	2 movements	0.15 per week	0.022 per day	Borehole drilling and equipment (6 movements total).
HGV – water tank delivery	HGV (rigid)	1 trip total	2 movements	0.05 per week	0.007 per day	Delivery of water tank (2 movements total).
HGV – digger rental	HGV (low loader)	2 trips total (4 movements)	2 movements	0.10 per week	0.015 per day	Delivery and collection of rented digger (4 movements total).
Total vehicle movements				**1.59 per week**	**0.23 per day**	

Note: Occasional movements are averaged over approximately 39 weeks (minimum 9-month construction period). Plumbing, electrical and plastering contractors attend in different weeks.

Calculation basis: Every return trip generates two movements (one arrival and one departure). Annual averages use 52 weeks and 365 days; monthly trips use 12 per year. Regular and occasional subtotals are separate.