



OUTLINE WATER/DRAINAGE STRATEGY

Design water usage:

Average 6-minute wash time:

2 bays – 10 cars per day on average – 480L per day

3 bays – 15 cars a day on average – 720L per day

4 bays – 25 cars a day on average – 1200L per day

5 bays – 25 cars a day on average – 1200L per day

Based on water usage per cycle – 48 litres average.

Waste Water Strategy:

All wash bays are clearly marked and designated. All bays are constructed in a non-permeable concrete finish with kerbs, surface falls and screens designed to restrict surface water runoff. All surface water and wastewater runoff is drained from each individual wash bay via a recessed cast Kingspan Klargestor CST1H silt traps (details appended) to separate silt and debris before entering the below-ground drainage infrastructure.

All waste drainage outflow to the local authority public foul water/combined sewer network shall be via a below-ground Kingspan Klargestor Washdown Single Stage Separator Tank with a minimum capacity of 2000 litres (details appended). No connections shall be made into surface water infrastructure.

Cleaning Products/Chemicals Used:

Cleaning products must be biodegradable and stored in a contained manner away from surface water drains. No mixing of chemicals should take place in areas that drain to surface water drains. COSHH instructions should be followed at all times.

Trade Effluent Consent:

Moonbeam shall apply for all necessary Trade Effluent Certificates.