

Validation Checklist

The below lists have been compiled to assist in ensuring all information that is required for all minor and major applications. The information is what is expected to demonstrate that the applications are correctly designed for their lifetimes.

1. Minor Applications

1.1 Outline Applications

	Outline	(✓)
1	Type of development (e.g. new development, extension to existing development, change of use)	
2	Status of site (i.e. greenfield or previously developed)	
3	Total site area (ha)	
4	Existing impermeable area (ha)	
5	Proposed impermeable area / developable area (ha) (including an allowance for urban creep)	
6	Description of site topography	
7	Identification of watercourses within vicinity of site and their outfalls and associated flood risk	
8	Description of ground conditions (using site investigation reports where available) including information regarding geology and groundwater depth	
9	Identification of any surface water flood risk	
10	Existing site drainage arrangements	
11	Proposed method of surface water disposal (using drainage hierarchy) & supporting evidence	
12	Existing runoff rates (l/s/ha)	
13	Proposed runoff rates (l/s/ha)	
14	Existing runoff volumes (m ³ /ha)	
15	Proposed runoff volumes (m ³ /ha)	
16	Required volume of attenuation (m ³ per m ² of impermeable area)	
17	Appropriate consideration of climate change	
18	Preliminary SuDS proposals (type, location, size)	
19	Infiltration test results in accordance with BRE365 (if proposing infiltration) or second viable option for surface water disposal if testing has not been undertaken	

20	Evidence of in principle agreement from third party if discharging into their system	
21	Preliminary site layout plans (including SuDS features)	

1.2 Full Applications

	Full	(✓)
1	Type of development (e.g. new development, extension to existing development, change of use etc.)	
2	Status of site (i.e. greenfield or previously developed)	
3	Total site area (ha)	
4	Existing impermeable area (ha)	
5	Proposed impermeable area / developable area (ha) (including an allowance for urban creep)	
6	Description of site topography	
7	Identification of watercourses within vicinity of site and their outfalls and associated flood risk	
8	Description of ground conditions (using site investigation reports where available) including information regarding geology and groundwater depth	
9	Identification of any surface water flood risk & proposed mitigation	
10	Existing site drainage arrangements	
11	Proposed method of surface water disposal (using drainage hierarchy) & supporting evidence	
12	Existing runoff rates (l/s/ha)	
13	Proposed runoff rates (l/s/ha)	
14	Existing runoff volumes (m ³ /ha)	
15	Proposed runoff volumes (m ³ /ha)	
16	Total required volume of attenuation (m ³)	
17	Appropriate consideration of climate change	
18	SuDS proposals (type, location, size)	
19	Infiltration test results in accordance with BRE365 (if proposing infiltration) or second viable option for surface water disposal if testing has not been undertaken	
20	Evidence of in principle agreement from third party if discharging into their system	
21	Drainage layout drawing	

22	Management/maintenance plan and on-going maintenance responsibilities	
23	Site layout plans	

1.3 Discharge of Conditions

	Discharge of Condition	(✓)
1	Detailed drainage layout	
2	Proposed impermeable area (ha)	
3	Proposed method of surface water disposal (using drainage hierarchy) & evidence to support this	
4	Proposed runoff rates (l/s/ha)	
5	Proposed runoff volumes (m ³ /ha)	
6	Total required volume of attenuation (m ³)	
7	Detailed SuDS proposals (type, location, size)	
8	Infiltration test results in accordance with BRE365 (if proposing infiltration)	
9	Details of proposed flow controls (type, size)	
10	Exceedance flow plan	
11	Management / maintenance arrangements (including adopting body)	
12	Formal agreement from third party if discharging into their system	

2. Major applications

2.1. Outline Applications

	Outline	(✓)
1	Type of development (e.g. new development, extension to existing development, change of use)	
2	Status of site (i.e. greenfield or previously developed)	
3	Total site area (ha)	
4	Existing impermeable area (ha)	
5	Proposed impermeable area / developable area (ha) (including an allowance for urban creep)	

6	Description of site topography	
7	Identification of watercourses within vicinity of site and their outfalls and associated flood risk	
8	Description of ground conditions (using site investigation reports where available) including information regarding geology and groundwater depth	
9	Identification of any surface water flood risk	
10	Existing site drainage arrangements	
11	Proposed method of surface water disposal (using drainage hierarchy) & supporting evidence	
12	Existing runoff rates (l/s/ha)	
13	Proposed runoff rates (l/s/ha)	
14	Existing runoff volumes (m ³ /ha)	
15	Proposed runoff volumes (m ³ /ha)	
16	Required volume of attenuation (m ³ per m ² of impermeable area)	
17	Appropriate consideration of climate change	
18	Preliminary SuDS proposals (type, location, size)	
19	Infiltration test results in accordance with BRE365 (if proposing infiltration) or second viable option for surface water disposal if testing has not been undertaken	
20	Evidence of in principle agreement from third party if discharging into their system	
21	Preliminary site layout plans (including SuDS features)	
22	Details of proposed phasing (if applicable) and how each phase will be delivered in relation to the strategic surface water drainage strategy	

2.2. Full Applications

	Full	(✓)
1	Type of development (e.g. new development, extension to existing development, change of use etc.)	
2	Status of site (i.e. greenfield or previously developed)	
3	Total site area (ha)	
4	Existing impermeable area (ha)	
5	Proposed impermeable area / developable area (ha) (including an allowance for urban creep)	

6	Description of site topography	
7	Identification of watercourses within vicinity of site and their outfalls and associated flood risk	
8	Description of ground conditions (using site investigation reports where available) including information regarding geology and groundwater depth	
9	Identification of any surface water flood risk & proposed mitigation	
10	Existing site drainage arrangements	
11	Proposed method of surface water disposal (using drainage hierarchy) & supporting evidence	
12	Existing runoff rates (l/s/ha)	
13	Proposed runoff rates (l/s/ha)	
14	Existing runoff volumes (m ³ /ha)	
15	Proposed runoff volumes (m ³ /ha)	
16	Total required volume of attenuation (m ³)	
17	Appropriate consideration of climate change	
18	SuDS proposals (type, location, size)	
19	Infiltration test results in accordance with BRE365 (if proposing infiltration) or second viable option for surface water disposal if testing has not been undertaken	
20	Evidence of in principle agreement from third party if discharging into their system	
21	Drainage layout drawing & supporting hydraulic calculations	
22	Management/maintenance plan and on-going maintenance responsibilities	
23	Site layout plans	

2.3. Discharge of Condition

	Discharge of Condition	(✓)
1	Detailed drainage layout	
2	Proposed impermeable area (ha)	
3	Proposed method of surface water disposal (using drainage hierarchy) & evidence to support this	
4	Proposed runoff rates (l/s/ha)	
5	Proposed runoff volumes (m ³ /ha)	
6	Total required volume of attenuation (m ³)	

7	Detailed SuDS proposals (type, location, size)	
8	Infiltration test results in accordance with BRE365 (if proposing infiltration)	
9	Details of proposed flow controls (type, size)	
10	Hydraulic calculations to show performance of the system up to the 1% AEP plus climate change storm event	
11	Consideration of a surcharged outfall	
12	Exceedance flow plan	
13	Management / maintenance arrangements (including adopting body)	
14	Formal agreement from third party if discharging into their system	