

# FAQ

# New FAQ

#208. WU 2 & WU 8, For BEAM Plus New Buildings Version 2.0, regarding the sufficient tank storage/ collection capacity for harvested rainwater, are there any alternative criteria acceptable if there is difficulty/ constraint for the project to provide rainwater collection tank storage capacity with 10 days or more of supply (i.e. rainwater yield) due to space availability?

With reference to Technical Specifications on Grey Water Reuse and Rainwater Harvesting published by the Water Supplies Department, a rough balance between the rainwater collected and the demands of the potential applications during wet weather months is crucial in sizing the storage/ collection tank sufficiently large to avoid the system(s) frequently overflowing, causing stagnation or being unnecessarily expensive.

In view of the amount of potable water replaced by harvested rainwater (i.e. reuse) is determined by comparing the total yield and the total demand (month by month), the rainwater collection tank with storage capacity of 10 days or more of reuse, considering the month with the maximum reuse of harvested rainwater (assume 30 days in a month), is acceptable, if there is difficulty in providing rainwater collection tank storage capacity with 10 days or more of supply with peak rainfall (i.e. rainwater yield) due to space availability.

(Released on 22 March 2024)

#### **New FAQ**

**#209.** WU 5, For BEAM Plus New Buildings Version 2.0, should the transfer tanks/ intermediate tanks, that do not directly supply potable/ flushing water to the points of use, be necessary to be installed with twin tank?

The objective of providing twin tank for potable water supply system and flushing water supply system is to maintain an uninterrupted potable and flushing water supply to building users during the maintenance or cleaning of the water tanks.

In view of this, the transfer tanks/ intermediate tanks, that do not directly supply potable/ flushing water to the points of use, are NOT necessary to be installed with twin tank.

## New FAQ

**#210.** SS 1a, For BEAM Plus New Buildings Version 2.0, how to determine the service frequency data at peak periods for the calculation of Accessibility Index (AI)?

The Accessibility Index (AI) is a calculation methodology used to assess the accessibility of all buildings of a development. It takes into account factors including but not limited to the "peak hour" and service frequency data of the public transport.

The Applicant shall propose any hour on a weekday as the "peak hour" for the calculation of Accessibility Index (AI). In view of different building natures (e.g. non-residential/ non-commercial building types such as stadium, museum, etc.), the "peak hour" may be considered as any hour on a weekend with justification. The service frequency data of the identified public transport shall be selected at the same "peak hour".

Considering the same proposed "peak hour', the shortest headway (in minutes) from service frequency data could be adopted for each of the identified public transports. For example, given that the service frequency of public transport is 15-20 minutes within the "peak hour", the lower bound (i.e. 15 minutes) could be adopted in the AI calculation.

(Released on 22 March 2024)

#### New FAQ

**#211. SS 2, For BEAM Plus New Buildings Version 2.0, what are the commonly accepted** neighbourhood amenities apart from those listed in the BEAM Plus Manual?

The following neighbourhood amenities are commonly accepted:

- 1. <u>Babycare room, nursery room, lactation room and/or other similar amenities</u> Babycare room, nursery room, lactation room and/or other similar amenities equipped with supporting facilities enabling users to breastfeed/ express breastmilk, to bottle-feed infants and young children, or to change nappies for infants and young children in a private space with an appropriate environment, are accepted.
- Postal facilities operated by Hongkong Post Apart from postal facilities operated by Hongkong Post such as permanent post offices and street posting boxes, iPostal stations are also considered as neighbourhood amenities.
- 3. <u>Facilities for delivery of letters, parcels and goods, operated by other organisations/</u> <u>companies</u>

Facilities operated by other organisations/ companies, which offer delivery services (i.e. sending and receiving letters, parcels and goods), are accepted.

### New FAQ

<u>#212. SS 2, For BEAM Plus New Buildings Version 2.0, is Free Wi-Fi considered as a neighbourhood amenity?</u>

No. Free Wi-Fi is not considered as a neighbourhood amenity as Wi-Fi is not a building amenity with space provision, as compared to the listed amenities in the BEAM Plus Manual.

(Released on 22 March 2024)

#### New FAQ

#213. SS 4, SS 8c, SS 9 & SS 10b Compliance Route 1: Thermal Sensation Index (TSI), for BEAM Plus New Buildings Version 2.0, shall both existing and planned buildings in the surrounding area of the project site be included in the Computational Fluid Dynamics (CFD) simulation model?

Yes. Surrounding buildings (including existing buildings, buildings under construction and planned buildings) and terrain shall be included in the model based on the GIS information from Lands Department, prevailing statutory plans from Town Planning Board Statutory Planning Portal, building records from Buildings Department's BRAVO system and/or other relevant sources available on or before 3 months prior to the date of the first revision study report.

## New FAQ

# #214. SS 10b Compliance Route 1: Thermal Sensation Index (TSI), for BEAM Plus New Buildings Version 2.0, what are the requirements to be considered in the Computational Fluid Dynamics (CFD) simulation?

1. Summer prevailing wind condition should be used in the CFD simulation for the thermal comfort assessment.

The summer prevailing wind used in the CFD simulation should have an accumulated percentage occurrence of at least 75% (accumulation starts in the order from the highest occurrence to the lowest).

- 2. The below requirements for the modelling of domain and surrounding building environment shall be fulfilled in the CFD simulation:
  - (a) Surrounding buildings and terrain shall be included in the model based on the criteria specified in FAQ #213.
  - (b) The surrounding area shall be at least, 2H (H being the building height (m) of the tallest building on the project site) or 200m away from the project site boundary, whichever is larger.
  - (c) The terrain area shall be in a size of at least, 10H (H being the building height (m) of the tallest building on the project site) or 1000m × 1000m, whichever is larger, with the project placed in the centre.
  - (d) For practical reasons, the geometry can be simplified to block.
- 3. Buffer period of 3 months could be allowed to facilitate the project proponent in preparing the information collection and modelling building. In other words, projects commencing the first assessment submission\* on or after 3 months from the release of this FAQ shall follow the abovementioned requirements. For projects that have already completed PA and have certain design and assessment approach approved, the Applicant may continue to adopt the same assessment criteria for subsequent assessment stage (CA or FA).

\* First assessment submission refers to the date when the initial assessment is formally accepted by BSL. For example, if the project engages both PA and FA, it shall refer to the date when BSL formally accepts the project for PA submission. If the project engages only FA, it shall refer to the date when BSL formally accepts the projects the project for FA submission.