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Kary Ka Wai HO/PLAND

寄件者:	Brian_Chow <[redacted]>
寄件日期:	2026年11月7日星期六 9:01
收件者:	Kary Ka Wai HO/PLAND; Jackin Ho Yeung YIP/PLAND
副本:	Dean_Hoffman; Shuyi_Cheung; Pamela_Wu; Pennie Leung; Sammi_Lau; Adrian Heria
主旨:	RE: s.16 planning application No. A/SK-PL/4 – Departmental Comments
類別:	Internet Email

Dear Kary and Jackin,
We would like to reply to DSD's comments as follows:

DSD: Submission of drainage proposal can be considered as requirement in approving condition
Reply: Noted. We will comply DSD requirement after section 16 approval

DSD: Noted that all sewerage generated on site will be tankered away by private wastewater management contractor. Please further justify the followings,
(a) Estimated amount of users in the site;
(b) Estimated sewerage flow generated;
(c) Size of "closed-loop waste management system"
(d) Method transporting wastewater to Man Yee Road, where is >500m horizontally & >50m vertically away from the site.

Reply:
a. Estimated amount of users on the site
- **Maximum Capacity (Peak):** Capped strictly at **50 persons per day** (occurring during weekends/public holidays).
- **Weekday Average:** Drops to an average of **12 persons per day**.
- **Staff:** All on-site camp staff will exclusively use dedicated staff quarters restrooms(in village house), meaning **zero staff usage** of the communal guest portable toilets.

b. Estimated sewerage flow generated
Under the official worst-case scenario (100% full adult population at 50 capacity, accounting for foot-pump flushing, handwashing, and biological excreta with no showers or mains water on site):
- **Official Peak Daily Flow: 287.5 liters per day** (0.2875 m3 /day).
- **Realistic Weekly Weighted Average: ~153.5 liters per day** (accounting for family/child demographics and weekday drops).

c. Size of "closed-loop waste management system"
- **Active Facilities: 2 units** of self-contained portable WCs (Model: NW-RT-01(S)), each equipped with an isolated **120L detachable waste tank** (with a 90% working safety limit of 108L per tank).
- **On-Site Emergency Spares: 10 extra sealed 120L waste tanks** permanently stored on-site as backups.
- **Total Effective Storage Buffer: 1,296 liters** in total (providing **4.5 to 8.5 days** of full independent storage capacity).

d. Method transporting wastewater to Man Yee Road
- **Pathway Conditions:** The transit route from the campsite to the vehicular lay-by at Man Yee Road is a continuous, smooth, naturally graded path with **no steps, stairs, or structural vertical barriers**.

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- **Transit Workflow:** When an active 120L waste tank reaches its 90% safety limit (108L), it is disconnected, hermetically sealed with an airtight lid, loaded onto a **standard handcart**, and manually pushed along the smooth path to the Man Yee Road lay-by.
- **Roadside Collection:** A licensed private environmental contractor's vacuum tanker truck parks at the Man Yee Road lay-by to empty the sealed waste tanks directly at the roadside on a level surface, entirely bypassing the hillside elevation.

Thanks.

Regards,
Brian Chow
Project Manager
[redacted]