Refinement of RODP

KTN

Refinement no.	Description	Potential Environmental Impact
KTN-1	The boundary of Sports Ground F1-1 is refined.	The refined site is slightly larger (~0.6%) than the previous site. Major impact will be from the construction noise and dust. With the proposed construction noise and dust mitigation measures proposed in the EIA report, it is anticipated the impact can still be mitigated to the acceptable limit.
KTN-2	Open space strip E1-7 is added adjacent to the road	Potential construction impact will be from construction noise and dust. With the proposed construction noise and dust mitigation measures proposed in the EIA report, it is anticipated the impact can still be mitigated to the acceptable limit. During operational phase, the increase in population in the F1-7 within the boundary of 2km is (~12 people). Given the increase in population is small and the site F1-7 is at the boundary of the 2km influential zone of the SWHWTW, the increase in risk is minor.
KTN-3	The location of sewage pumping station in the north of KTN is relocated from F1-8 (adjacent to F1-3) to F1-2 (adjacent to F1-1). The land use of the previous location of the sewage pumping station is changed to AGR.	The relocating of sewage pumping station will reduce the water quality impact on Ma Tso Lung stream. The maximum allowable sound power level has been specified for KTN F1-2, adverse noise impacts are not anticipated.
KTN-4	The building blocks layout in F1-3 is shifted away from the proposed road.	The building footprint in Area F1-3 and F1-4 is reduced. Hence, the traffic noise impact and vehicular emission impact due road to D1 will be further reduced.

FLN

Refinement no.	Description	Potential Environmental Impact
FLN-1	The boundary of Open Space A1-4 is refined.	The construction area before and after the refinement is similar, With the proposed construction noise and dust mitigation measures proposed in the EIA report, adverse environmental impact is not anticipated.
FLN-2	The boundary of Service Reservoir A3-1 is refined.	The construction area before and after the refinement is similar, With the proposed construction noise and dust mitigation measures proposed in the EIA report, adverse environmental impact is not anticipated.

FLN-3	The boundary of Government reserve D2-14 is refined.	The refined site is slightly larger (~5%) than the previous site. Potential impact will be from the construction noise and dust. With the construction noise and dust mitigation measures proposed in the EIA report, it is anticipated that the impact can still be mitigated to the acceptable limit. The distance between the boundary of the site and the Fanling bypass before and after refinement is the same. Hence, there is no change in the traffic noise and vehicular emission impact
FLN-4	The land use of B2-2 is changed to Other Use (Parking and Operation Facilities for Environmentally Friendly Transport System). Amenity facilities would be provided to the site.	There is no change in the construction area and construction plant inventory. Hence the construction environmental impact will remain the same. There is no change in the population. Hence, there is no increase in societal risk
FLN-5	The building block layout of Sewage Pumping Station A1-6 is refined.	There is no change in the construction area and construction plant inventory. Hence the construction environmental impact will remain the same. The operation noise would be slightly decrease (Less than 1 dB(A)) due to the increase in separation distance (from 50m to 55m, ~10%) between NSR and the building block façade.
FLN-6	The building block layout of Sewage Pumping Station B2-3 is refined.	There is no change in the construction area and construction plant inventory. Hence the construction environmental impact will remain the same. There may be slightly increase in operation noise (Less than 1 dB(A)) due to slightly decrease in separation distance (from 145m to 140m, ~5%) between NSR and the building block facade. The impact can be mitigated to an acceptable level through proper control the exhaust noise level by acoustic measures.
FLN-7	The building block layout of Sewage Pumping Station B1-4 is refined.	There is no change in the construction area and construction plant inventory. Hence the construction environmental impact will remain the same. There may be slightly increase in operation noise (Less than 1 dB(A)) due to slightly decrease in separation distance (from 65m to 60m, ~8%) between NSR and the building block facade. The impact can be mitigated to an acceptable level through proper control the exhaust noise level by acoustic measures.
FLN-8	The building block layout of	There is no change in the construction area and

	Sewage Pumping Station C2-3 is refined.	construction plant inventory. Hence the construction environmental impact will remain the same. There may be slightly increase in operation noise (Less than 1 dB(A)) due to slightly decrease in separation distance (from 190m to 185m, ~5%) between NSR and the building block facade. The impact can be mitigated to acceptable level through proper controlling the exhaust noise level by acoustic measures.