

Appendix 7.1 Sewage Peak Flow Estimations - Method (i)

Terminal Manhole discharge Rate

Location	Sewerage peak flow rate (L/s)	Discharge to
KSR(NOL) T1 (station northern)	38.0	KTS Planned Sewerage System
KSR(NOL) (station southern 1)	34.0	KTS Planned Sewerage System
KSR(NOL) (station southern 2)	115.0	KTS Planned Sewerage System
SMA	24.0	MTRCL Sewage Holding Tank
AUT (North)	51.0	Planned Sha Po Sewerage System
AUT (Middle - East)	9.0	Planned Sha Po Sewerage System
AUT (Middle - West)	62.5	Planned Sha Po Sewerage System
AUT (South - East)	24.0	Planned Sha Po Sewerage System
AUT (South - West)	30.0	Planned Sha Po Sewerage System
PWA	24.0	MTRCL Sewage Holding Tank
LHA	24.0	MTRCL Sewage Holding Tank
NTM (North)	38.0	Planned NTM LUR Sewerage System
NTM (South)	50.0	Planned NTM LUR Sewerage System
NTD	261.6	Planned NTM LUR Sewerage System
SAT - SVB	70.0	Planned STLMLC DN Sewerage System
SAT - Site 1	29.0	Planned STLMLC DN Sewerage System
SAT - Site 4	29.0	Planned STLMLC DN Sewerage System
SAT - NVB	58.0	Planned STLMLC DN Sewerage System
KTU(NOL)	24.0	Planned KTN NDA Sewerage System
SNA (West)	36.0	Planned STLMLC DN Sewerage System
SNA (South)	24.0	Planned STLMLC DN Sewerage System
KLA	24.0	Planned STLMLC DN Sewerage System
KTA	24.0	Planned STLMLC DN Sewerage System
PAA	24.0	Planned STLMLC DN/KTN Sewerage System

Summary of Sewerage Peak Flow for Station

Locations	Sewage Discharge Location	Sewerage peak flow rate (L/s)
KSR(NOL)	Planned KTS Sewerage System	187.0
AUT	Planned Sha Po Sewerage System	176.5
NTM	Planned NTM LUR Sewerage System	88.0
NTD	Planned NTM LUR Sewerage System	261.6
SAT	Planned STLMLC DN Sewerage System	186.0
KTU(NOL)	Planned KTN NDA Sewerage System	24.0

Depot, Stations, and Stabling Siding	923.1
Ancillary Buildings	204.0
Total	1127.1