

Agreement No.: 21/2012 (WS)
 Desalination Plant at Tseung Kwan O
 Informal Draft EIA Report Submission
Hydraulic Modelling Results

US Node ID	Ground Level (mAD)	Width (mm)	Height (mm)	US Invert Level (mAD)	DS Invert Level (mAD)	Conduit Full Capacity (cu m/s)
FMH4035449	6.59	600	600	5.00	4.95	0.12
FMH4035450	6.58	600	600	4.95	4.83	0.20
FMH4035451	6.55	600	600	4.83	4.70	0.31
FMH4035452	6.46	600	600	4.70	4.56	0.32
FMH4035453	6.37	600	600	4.56	4.43	0.31
FMH4035454	6.49	600	600	4.43	4.29	0.21
FMH4035455	6.67	600	600	4.29	4.15	0.21
FMH4035456	6.59	600	600	4.15	4.02	0.20
FMH4035457	6.45	600	600	4.02	3.88	0.21
FMH4035458	6.07	600	600	3.88	3.75	0.21
FMH4035459	5.85	600	600	3.75	3.62	0.21

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US Node ID	Before Development							
	Max Level (mPD)	Max DS Depth (m)	Max DS Flow (cu m/s)	Max Surge State	Max US Depth (m)	Max US Flow (cu m/s)	Max US Velocity (m/s)	Freeboard (m)
FMH4035449	5.285	0.243	0.051	0.470	0.285	0.052	0.448	1.305
FMH4035450	5.193	0.174	0.051	0.410	0.243	0.051	0.551	1.387
FMH4035451	5.001	0.178	0.050	0.300	0.171	0.051	0.799	1.549
FMH4035452	4.878	0.190	0.057	0.320	0.178	0.058	0.854	1.582
FMH4035453	4.750	0.254	0.057	0.420	0.190	0.057	0.776	1.620
FMH4035454	4.684	0.254	0.057	0.420	0.254	0.057	0.576	1.806
FMH4035455	4.544	0.257	0.056	0.430	0.254	0.057	0.573	2.126
FMH4035456	4.407	0.253	0.056	0.430	0.257	0.056	0.558	2.183
FMH4035457	4.273	0.256	0.055	0.430	0.253	0.056	0.567	2.177
FMH4035458	4.136	0.265	0.056	0.440	0.256	0.056	0.560	1.934
FMH4035459	4.015	0.329	0.054	0.550	0.265	0.056	0.558	1.835

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FMH4035449	5.288	0.247	0.053	0.480	0.288	0.054	0.454	1.302
FMH4035450	5.197	0.176	0.052	0.410	0.246	0.053	0.558	1.383
FMH4035451	5.003	0.181	0.052	0.300	0.173	0.052	0.807	1.547
FMH4035452	4.881	0.193	0.059	0.320	0.181	0.059	0.862	1.579
FMH4035453	4.753	0.258	0.058	0.430	0.193	0.059	0.782	1.617
FMH4035454	4.688	0.257	0.058	0.430	0.257	0.059	0.582	1.802
FMH4035455	4.547	0.260	0.058	0.430	0.257	0.058	0.579	2.123
FMH4035456	4.410	0.256	0.057	0.430	0.260	0.058	0.564	2.180
FMH4035457	4.276	0.259	0.057	0.430	0.256	0.057	0.573	2.174
FMH4035458	4.139	0.270	0.057	0.450	0.259	0.058	0.566	1.931
FMH4035459	4.020	0.334	0.056	0.560	0.270	0.057	0.565	1.830