



Contract No. DC/2020/02  
Construction of San Shek Wan Sewage Treatment Works,  
Associated Submarine Outfall and Pui O Sewerage Works



Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	January 2022				February 2022				March 2022				April 2022				May 2022	
						09	16	23	30	06	13	20	27	06	13	20	27	03	10	17	24	01	08
Monthly Programme for Jan 2022		1549	19-Mar-21 A	21-Aug-26	0																		
Project Contractual Dates		1549	19-Mar-21 A	21-Aug-26	-117																		
Contractual Dates		11	19-Mar-21 A	30-Mar-21 A																			
CD-1000	Contract Date	0	19-Mar-21 A																				
CD-1010	Starting Date	0	30-Mar-21 A																				
Access Date of Each Portion		219	30-Apr-21 A	01-Feb-22	1517	01-Feb-22, Access Date of Each Portion																	
CD-2000	Contract Access date of Portion A, B1, C1, D1, D3,E1, E2, E3 and W1 (90 days)	0	01-Feb-22*		-219	and W1 (90 days)																	
CD-2010	Contract Access date of Portion B2, C2, D2 and D4 (210 days)	0	04-Oct-21 A																				
CD-2020	Access date of Portion A and B1 (90 days)	0	30-Apr-21 A																				
CD-2030	Access date of Works Area W1 (90 days)	0	17-May-21 A																				
CD-2040	Access date of Works Area C1 & D3 (90days) and B2, C2, & D2 (210 days)	0	30-Jul-21 A																				
CD-2050	Simplified Temporary Land Allocation (STLA) access date of Works Area D1 & E1 (90days)	0	10-Aug-21 A																				
Sectional Completion		1055	08-May-23	28-Mar-26	0																		
SC-1000	Section 1 The Trunk Sewers and Rising Mains in Portion A and B1 & B2 in Lo Uk Tsuen (770 days)	0		08-May-23*	0																		
SC-1010	Section 2 Foundation, Substructure and Superstructure of POSPS, Trunk Sewers and Rising Mains in D1&D2 (770 days)	0		08-May-23*	0																		
SC-1020	Section 3 Whole of the works excluding the works in sections 1 and 2(1825 days)	0		28-Mar-26*	0																		
Planned Sectional Completion Date		1088	29-Aug-23	21-Aug-26	-146																		
Sectional Completion Dates		1088	29-Aug-23	21-Aug-26	-146																		
PC-1000	Planned Section 1 completion date	0		11-Oct-23	-156																		
PC-1010	Planned Section 2 completion date	0		29-Aug-23	-113																		
PC-1020	Planned Section 3 completion date	0		21-Aug-26	-146																		
NCE		247	27-Jun-21 A	30-Apr-22	-70	30-Apr-22																	
NCE-001	No fully access to Portion D1(90 days) [PGLA on 4 Oct 2021]	99	27-Jun-21 A	03-Oct-21 A																			
NCE-002	No fully access to Portion E1 on access date (90 days) [PGLA on 12 Jan 2022]	199	27-Jun-21 A	11-Jan-22 A																			
NCE-003	No fully access to Portion E2 and E3 on access date (90 days)	219	27-Jun-21 A	31-Jan-22 A																			
NCE-008a	Delay and Disruption of Works due to Inclement Weather for Oct 2021 (8-9 Oct 2021)	2	08-Oct-21 A	09-Oct-21 A																			
NCE-008b	Delay and Disruption of Works due to Inclement Weather for Oct 2021 (12-13 Oct 2021)	2	12-Oct-21 A	13-Oct-21 A																			
NCE-010	Extra time for GI works for BH-5 (50m dep. on 13/11 and 100m dep. on 22/11) due to unforeseen deep rockhead in POSPS	9	14-Nov-21 A	22-Nov-21 A		100m dep. on 22/11) due to unforeseen deep rockhead in POSPS																	
NCE for PMI of 12 nos inspection pits at South Lantau Road, Lo Uk Tsuen and Chi Ma Wan Road		195	29-Jun-21 A	30-Apr-22	-70	30-Apr-22																	
NCE-006a	Preparation and Issurance of PMI for 12 nos Inspection pits at South Lantau Road, Lo Uk Tsuen and Chi Ma Wan Road by PM	7	29-Jun-21 A	11-Aug-21 A																			
NCE-006b	Received PMI for 12 nos Inspection pits at South Lantau Road, Lo Uk Tsuen and Chi Ma	0	11-Aug-21 A	11-Aug-21 A																			
NCE-006c	JV prepared XP plans	7	11-Aug-21 A	18-Aug-21 A																			
NCE-006d	JV revised XP plans as per PMs comment	7	18-Aug-21 A	25-Aug-21 A																			
NCE-006e	Confirmation and circulation by PM for XP and TTA application	7	25-Aug-21 A	03-Sep-21 A																			
NCE-006f	Revision & accept XP ID 1300556 application and TTA for South Lantau Road (assume with waiver)	90	04-Sep-21 A	17-Jan-22 A																			
NCE-006f10	Revision & accept XP ID 1300565 application and TTA for Chi Ma Wan Road (assume with waiver)	90	04-Sep-21 A	19-Jan-22 A																			
NCE-006g	Trial run and Inspection pits works at South Lantau Road (TP15 > 14 > 20 > 12 > 10 & 11)	58	18-Feb-22*	30-Apr-22	-129	oad (TP15 > 14 > 20 > 12 > 10 & 11)																	
NCE-006h	Trial run and Inspection pits works at Chi Ma Wan Road (TP6 > 7 > 9)	38	16-Feb-22*	31-Mar-22	-107	at Chi Ma Wan Road (TP6 > 7 > 9)																	
NCE-006i	Inspection pits works at Lo Uk Tsuen ( VTP1 & VTP2)	12	29-Sep-21 A	05-Oct-21 A																			
Preliminary Works		443	19-Mar-21 A	31-Mar-24	-3																		
PW-1000	Preliminary works	0	19-Mar-21 A	04-May-23	190																		
Subletting of Major Subcontract Package		129	01-Feb-22	09-Jun-22	503	01-Feb-22																	
SUB-1035	Sublet piling works	56	01-Feb-22	28-Mar-22	-109	Sublet piling works																	
SUB-1039	Sublet structure works	60	11-Apr-22	09-Jun-22	117	Sublet structure works																	
SUB-1047	Sublet marine diffuser Works	35	01-Feb-22	07-Mar-22	597	arine diffuser Works																	
Submissions for the whole works		443	19-Apr-21 A	31-Mar-24	-3																		
SU-1010	Temporary water tapping application & installation	60	19-Apr-21 A	28-Feb-22	-81																		
SU-1020	Temporary power supply tapping & installation	60	19-Apr-21 A	28-Feb-22	-81																		
SU-1030	Prepare, submit, revision & accept Tree Survey, tree preservation , transplant and removal plan	90	05-Jul-21 A	28-Feb-22	-71																		
SU-1043	Prepare, submit, revision & accept XP ID 1303702 application and TTA for SLR Lo Wai Section (assume with waiver)	240	02-Nov-21 A	23-May-22	546																		
SU-1045	Prepare, submit, revision & accept XP ID 1303703 application and TTA for SLR SSWTW Section (assume with waiver)	240	02-Nov-21 A	23-May-22	91																		
SU-1046	Prepare, submit, revision & accept XP ID 1303704 application and TTA for SLR btw SSWSTW and Lo Uk (assume with waiver)	240	24-Jan-22 A	31-Mar-24	-6	aiver)																	

	Summary		Critical Remaining Work		Finish Constraint
	Actual LOE		Milestone		No Predecessors
	Remaining LOE		Crit Milestone		No Successors
	Actual Work		Actual Milestone		
	Remaining Work		Start Constraint		

Project ID: MP202112-5  
3 Months Rolling Programme --- Feb 2022 to Apr 2022  
Page 1 of 5

Data Date: 31-Jan-22  
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SU-1047	Prepare, submit, revision & accept XP ID 1307099 application and TTA for SLR San Wai Section (assume with waiver)	240	24-Jan-22 A	22-Nov-23	62																		
SU-1048	Prepare, submit, revision & accept XP ID 1307120 application and TTA for SLR WSD POSP north (assume with waiver)	240	24-Jan-22 A	22-Nov-23	62																		
SU-1049	Prepare, submit, revision & accept XP ID 1307306 application and TTA for SLR SSWTW west (assume with waiver)	240	24-Jan-22 A	22-Nov-23	62																		
Design		286	04-Oct-21 A	24-Nov-22	242																		
Civil		286	04-Oct-21 A	24-Nov-22	242																		
General		21	16-Nov-21 A	11-Feb-22	-67																		
Conforming		21	16-Nov-21 A	11-Feb-22	-67																		
Marine Temp. platform for HDD1		21	16-Nov-21 A	11-Feb-22	-67																		
SU-2230	Approve Marine Temp. support frame for casing	21	16-Nov-21 A	11-Feb-22	-67																		
POSPS		200	04-Oct-21 A	01-Aug-22	43																		
Civil		163	04-Oct-21 A	31-Jul-22	44																		
ELS works - Pump Station		117	01-Dec-21 A	21-Mar-22	95																		
SU-2080	Prepare and submit ELS works - Pump Station	56	01-Dec-21 A	28-Feb-22	95																		
SU-2250	Approve ELS works - Pump Station	21	01-Mar-22	21-Mar-22	95																		
Foundation Checking and revised foundation Plan - Pump Station		51	04-Oct-21 A	05-Mar-22	-109																		
SU-2085	Foundation design review by PM after Management meeting on 1 Dec 2021	35	01-Dec-21 A	12-Feb-22	-109																		
SU-2090	Prepare and submit Foundation Checking and revised foundation Plan - Pump Station	35	04-Oct-21 A	13-Feb-22	-109																		
SU-2260	Approve Foundation Checking and revised foundation Plan - Pump Station	21	13-Feb-22	05-Mar-22	-109																		
Structure - Pump Station		56	04-Oct-21 A	31-Jul-22	44																		
SU-2100	Prepare and submit Structure - Pump Station	56	04-Oct-21 A	31-Jul-22	44																		
E&M		182	01-Feb-22	01-Aug-22	34																		
DDA		182	01-Feb-22	01-Aug-22	34																		
DDA Submission		182	01-Feb-22	01-Aug-22	13																		
EM-1020	Detailed Design Approval (DDA) for E&M works for Pui O Pump Station submission	182	01-Feb-22	01-Aug-22	13																		
Treatment Process (Mechanical, Deodorization and Chemical)		102	01-Feb-22	13-May-22	114																		
EM-1021	DDA for Treatment Process (Mechanical, Deodorization and Chemical) Submission	81	01-Feb-22	22-Apr-22	114																		
EM-3260	DDA for Treatment Process (Mechanical, Deodorization and Chemical) approval	21	23-Apr-22	13-May-22	114																		
Electrical Power Supply System		118	01-Feb-22	29-May-22	98																		
EM-1022	DDA for Electrical Power Supply System Submission	97	01-Feb-22	08-May-22	98																		
EM-3270	DDA for Electrical Power Supply System approval	21	09-May-22	29-May-22	98																		
UPS System		118	01-Feb-22	29-May-22	98																		
EM-1023	DDA for UPS System Submission	97	01-Feb-22	08-May-22	98																		
EM-3280	DDA for UPS System approval	21	09-May-22	29-May-22	98																		
Earthing and Lightning		118	01-Feb-22	29-May-22	98																		
EM-1024	DDA for Earthing and Lightning Submission	97	01-Feb-22	08-May-22	98																		
EM-3290	DDA for Earthing and Lightning approval	21	09-May-22	29-May-22	98																		
System Control Philosophy		118	01-Feb-22	29-May-22	98																		
EM-1025	DDA for System Control Philosophy Submission	97	01-Feb-22	08-May-22	98																		
EM-3300	DDA for System Control Philosophy approval	21	09-May-22	29-May-22	98																		
PLC & SCADA System		118	01-Feb-22	29-May-22	98																		
EM-1026	DDA for PLC & SCADA System Submission	97	01-Feb-22	08-May-22	98																		
EM-3310	DDA for PLC & SCADA System Submission	21	09-May-22	29-May-22	98																		
Building Service (MV, EL, FS, PD, ELV)		118	01-Feb-22	29-May-22	98																		
EM-1027	DDA for Building Service (MV, EL, FS, PD, ELV) Submission	97	01-Feb-22	08-May-22	98																		
EM-3320	DDA for Building Service (MV, EL, FS, PD, ELV) approval	21	09-May-22	29-May-22	98																		
SSWTW		297	01-Feb-22	24-Nov-22	299																		
SU-2170	Obtain revised SSWTW GA, piling schedule, loading plan from PM	0	01-Feb-22		56																		
Civil		98	11-Mar-22	16-Jun-22	18																		
ELS works - Treatment Plant		98	11-Mar-22	16-Jun-22	-34																		
SU-2135	Prepare and submit ELS works - Treatment Plant	98	11-Mar-22	16-Jun-22	-34																		
Foundation Checking and Revised foundation Plan - Treatment Plant		98	11-Mar-22	16-Jun-22	18																		
SU-2140	Prepare and submit Foundation Checking and Revised foundation Plan - Treatment Plant	98	11-Mar-22	16-Jun-22	18																		

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Page 2 of 5

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						09	16	23	30	06	13	20	27	06	13	20	27	03	10	17	24	01	08
E&M		297	01-Feb-22	24-Nov-22	299				01-Feb-22														
DDA		297	01-Feb-22	24-Nov-22	299				01-Feb-22														
DDA Submission		297	01-Feb-22	24-Nov-22	190				01-Feb-22														
EM-3000	DDA for E&Mworks for Treatment Plant submission	297	01-Feb-22	24-Nov-22	190				Plant submission														
Preliminary Treatment (Mechanical)		158	01-Feb-22	08-Jul-22	301				01-Feb-22														
EM-3010	DDA for Preliminary Treatment (Mechanical) submission	158	01-Feb-22	08-Jul-22	301				anical) submission														
Secondary Treatment & Membrane Filtration (Mechanical)		205	01-Feb-22	24-Aug-22	391				01-Feb-22														
EM-3020	DDA for Secondary Treatment & Membrane Filtration (Mechanical) submission	205	01-Feb-22	24-Aug-22	391				anical) submission														
Sludge Treatment (Mechanical)		263	01-Feb-22	21-Oct-22	333				01-Feb-22														
EM-3030	DDA for Sludge Treatment (Mechanical) submission	263	01-Feb-22	21-Oct-22	333				anical) submission														
Deodorisation (Mechanical)		235	01-Feb-22	23-Sep-22	361				01-Feb-22														
EM-3040	DDA for Deodorisation (Mechanical) submission	235	01-Feb-22	23-Sep-22	361				anical) submission														
Electrical Power Supply System		158	01-Feb-22	08-Jul-22	187				01-Feb-22														
EM-3050	DDA for Electrical Power Supply System submission	158	01-Feb-22	08-Jul-22	187				System submission														
UPS System		297	01-Feb-22	24-Nov-22	299				01-Feb-22														
EM-3060	DDA for UPS System submission	297	01-Feb-22	24-Nov-22	299				System submission														
Earthing and Lightning System		158	01-Feb-22	08-Jul-22	438				01-Feb-22														
EM-3070	DDA for Earthing and Lightning System submission	158	01-Feb-22	08-Jul-22	438				System submission														
System Control Philosophy		263	01-Feb-22	21-Oct-22	333				01-Feb-22														
EM-3080	DDA for System Control Philosophy submission	263	01-Feb-22	21-Oct-22	333				osophy submission														
PLC & SCADA System		263	01-Feb-22	21-Oct-22	333				01-Feb-22														
EM-3090	DDA for PLC & SCADA System submission	263	01-Feb-22	21-Oct-22	333				System submission														
Building Service (MV)		297	01-Feb-22	24-Nov-22	299				01-Feb-22														
EM-3100	DDA for Building Service (MV) submission	297	01-Feb-22	24-Nov-22	299				ce (MV) submission														
Building Service (EL)		263	01-Feb-22	21-Oct-22	333				01-Feb-22														
EM-3110	DDA for Building Service (EL ) submission	263	01-Feb-22	21-Oct-22	333				ce (EL ) submission														
Building Service (FS)		235	01-Feb-22	23-Sep-22	361				01-Feb-22														
EM-3120	DDA for Building Service (FS) submission	235	01-Feb-22	23-Sep-22	361				ce (FS) submission														
Building Service (PD)		297	01-Feb-22	24-Nov-22	299				01-Feb-22														
EM-3130	DDA for Building Service (PD) submission	297	01-Feb-22	24-Nov-22	299				ce (PD) submission														
ELV System (CCTV, Access Control and Burglar)		297	01-Feb-22	24-Nov-22	299				01-Feb-22														
EM-3140	DDA for ELV System (CCTV, Access Control and Burglar) submission	297	01-Feb-22	24-Nov-22	299				rglar) submission														
Civil Requirement		0	01-Feb-22	01-Feb-22	56				01-Feb-22	01-Feb-22, Civil Requirement													
EM-2030	Civil Requirement for SSWTW foundation design (loading distribution, opening for plant mobilization) provided by ATAL	0	01-Feb-22		56				provided by ATAL														
Site Safety and Environmental Management		148	07-Dec-21 A	31-May-22	392																		
SU-2010	Prepare & Submit Sediment sampling and Test Plan SSTP to EPD-(diffuser works)	120	01-Feb-22	31-May-22	392				D-(diffuser works)														
SU-2060	Prepare, submit and approval of MDN by Marine Dept-(HDD's steel frame erection works)	60	07-Dec-21 A	10-Feb-22	-28																		
Construction works		1480	30-Jun-21 A	21-Aug-26	0																		
CLP and UU coordination- by others		1090	02-Aug-21 A	19-Sep-25	21																		
CLP-0000	CLP works	1090	02-Aug-21 A	19-Sep-25	21																		
CLP-2000	Permanent Electricity coordination with CLP	180	05-Aug-21 A	15-Jul-22	316																		
CLP-3000	Early Liaise with CLP before the procurement of E&M equipment	180	04-Feb-22	09-Sep-22	505				ent of E&M equipment														
CLP-4000	Liaise with CLP to inspection the Transformer room after Related E&M works delivered on site-POSPS	60	05-Aug-21 A	23-Apr-22	924																		
CLP-4010	Liaise with CLP to inspection the Transformer room after Related E&M works delivered on site-SSWTP	60	05-Aug-21 A	23-Apr-22	932																		
Section 1 Sewerage installation (Portion A, B1 & B2 / Area A, B1 & B2)		677	30-Jun-21 A	11-Oct-23	-129																		
S1-1000	Section 1 Sewerage installation (Portion A, B1 & B2 / Area A, B1 & B2)	533	30-Jun-21 A	11-Oct-23	-129																		
Trunk Sewers and Rising Mains Outside village and to POSPS (Area A)		454	01-Apr-22	11-Oct-23	-129																		
A-1030	Construct Sewers, Rising mains at South Lantau Road : 8 no TTA, ~54 working days per TTA, total 432WD	432	03-May-22	11-Oct-23	-129																		
A-1040	Construct Sewers, Rising mains at Chi Ma Wan Road : 8 no TTA, ~54 working days per TTA, total 432WD	432	01-Apr-22	13-Sep-23	-107																		
The village Sewerage in Pui O Lo Uk Tsuen		382	18-Nov-21 A	28-Mar-23	30																		
Portion B1		352	18-Nov-21 A	15-Mar-23	10																		
B1-1040	Excavation, sewer laying, construction of manhole together with backfill and testing (approx.468m, 48mh, 2wf)	352	18-Nov-21 A	15-Mar-23	10																		

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Page 3 of 5

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						09	16	23	30	06	13	20	27	06	13	20	27	03	10	17	24	01	08	
	Portion B2		343	04-Feb-22	28-Mar-23	0	04-Feb-22																	
	B2-1020	Trial pits, mobilization and water barrier/ fencing/ all necessary signage	17	04-Feb-22	23-Feb-22	0	all necessary signage																	
	B2-1040	Excavation, sewer laying, construction of manhole together with backfill and testing (approx.300m, 30mh, 1wf)	326	24-Feb-22	28-Mar-23	0	ckfill and testing (approx.300m, 30mh, 1wf)																	
	Portion B2 / Area B22 (Chi Ma Wan Beach)		267	07-Dec-21 A	25-Nov-22	129																		
	B22-1005	Obtain LCSD/RC consent	16	04-Feb-22	22-Feb-22	271	btain LCSD/RC consent																	
	B22-1010	Trial pit before long trench (3 manholes x 12 days)	36	23-Feb-22	06-Apr-22	273	pit before long trench (3 manholes x 12 days)																	
	B22-1020	Excavation, sewer laying, construction of manhole together with backfill and testing (approx.100m, 4mh,1wf)	60	23-Mar-22	07-Jun-22	273	ction of manhole together with backfill and testing (approx.100m, 4mh,1wf)																	
	B22-1040	Obtain PMI for additional GI on Pui O beach road	16	07-Dec-21 A	17-Feb-22	10																		
	B22-1050	Mobilization and additional GI (2 nos)	21	18-Feb-22	14-Mar-22	10	Mobilization and additional GI (2 nos)																	
	B22-1060	GI review, design confirmation, subleting and plants delivery	210	15-Mar-22	25-Nov-22	10	GI review, design confirmation, subleting and plants delivery																	
	Section 2 Pui O Sewage Pumping Station and nearby Sewage works		554	05-Jul-21 A	29-Aug-23	-94																		
	S2-1000	Pui O sewage Pumping Station and nearby Sewage works (Sectional Completion date 2)	554	05-Jul-21 A	29-Aug-23	-94																		
	Construction of Pui O Sewage Pumping Station (Area D, section 2)		278	25-Dec-21 A	07-Dec-22	10																		
	Stage 1		278	25-Dec-21 A	07-Dec-22	10																		
	Pump Station		175	25-Dec-21 A	05-Aug-22	-89																		
	SPS-1020	Tree pruning, digging Recipient site preparation and transplanting works for T113 & T114	42	05-Jan-22 A	25-Feb-22	-82																		
	SPS-1023	Erection of water barrier and site formation earth works	30	04-Feb-22	10-Mar-22	-73	formation earth works																	
	SPS-1035	Obtain Gi information to verify foundation design (Log and Testing in Lab)	30	25-Dec-21 A	12-Feb-22	-89																		
	SPS-1037	Predrilling works (7 nos, 1wf, 5 days per drill)	35	07-Mar-22	20-Apr-22	-89	Predrilling works (7 nos, 1wf, 5 days per drill)																	
	SPS-1040	Piling works (26 nos socket-H piles, 4 days/pile, 1 wf)	104	30-Mar-22	05-Aug-22	-89					Piling works (26 nos socket-H piles, 4 days/pile, 1 wf)													
	Sewers and Rising Mains		223	11-Mar-22	07-Dec-22	10					11-Mar-22													
SPS-1070	Excavation, sewer laying, construction of manhole and outfall structure, backfill and testing (approx.147m, 11mh, 1wf)	223	11-Mar-22	07-Dec-22	10	utfall structure, backfill and testing (approx.147m, 11mh, 1wf)																		
SPS-1080	Excavation, construction of rising main and optical fibre together with backfill and testing (approx.140m, 1wf)	125	11-Mar-22	11-Aug-22	108	cal fibre together with backfill and testing (approx.140m, 1wf)																		
Section 3 SSWSTW, HDD and Submarine outfall & POSPS		1403	01-Sep-21 A	21-Aug-26	0																			
S3-1000	SPS, SSWSTW and HDD works	1333	23-Dec-21 A	21-Aug-26	-118																			
Remaining Pui O Sewage Pumping Station (Area D, section 3)		140	04-Mar-22	22-Aug-22	1188					04-Mar-22														
Statutory Submission & Approval		140	04-Mar-22	22-Aug-22	1188					04-Mar-22														
SPS-7000	Power Meter Application	140	04-Mar-22	22-Aug-22	1188					Power Meter Application														
SSWSTW		128	05-Jan-22 A	11-Jul-22	-31																			
Stage 1 Preparation works for HDD and SSWSTW		63	05-Jan-22 A	10-Mar-22	-29					10-Mar-22, Stage 1 Preparation works for HDD and SSWSTW														
STW-1010	Mobilization of labours and plants (Existing Open Storage)	6	12-Jan-22 A	18-Jan-22 A																				
STW-1014	Site clearance and existing hoarding dismantle (Existing Open Storage)	12	19-Jan-22 A	12-Feb-22	-116	ge)																		
STW-1016	Tree transplant for T742, T751 & T758	63	05-Jan-22 A	25-Feb-22	-83																			
STW-1018	Water barrier and temp. drain (HDD Area)	30	04-Feb-22	10-Mar-22	-49	mp. drain (HDD Area)																		
STW-9930	Obtain Gi information to verify foundation design (Log and Testing in Lab)	30	04-Feb-22	10-Mar-22	-29	og and Testing in Lab)																		
Stage 2 Works outside HDD area		98	11-Mar-22	11-Jul-22	-31					11-Mar-22														
STW-1020	Site Clearance, erection of hoarding and tree felling stage 2 (3528m2 on woodland & 239nr tree, 100m2/day and 4 nr/day)	98	11-Mar-22	11-Jul-22	-31	3528m2 on woodland & 239nr tree, 100m2/day and 4 nr/day)																		
STW-1030	Tree pruning, digging Recipient site preparation and transplanting woks for T392	21	11-Mar-22	04-Apr-22	46	ing Recipient site preparation and transplanting woks for T392																		
Submarine Outfall		297	01-Sep-21 A	03-Oct-22	-96																			
HDD2-1010	Liaise with existing Shek Pik Supply Tunnel	60	01-Sep-21 A	03-Mar-22	-53																			
HDD		223	18-Nov-21 A	03-Oct-22	-96																			
Preparation		82	12-Feb-22	24-May-22	-73					12-Feb-22														
On Shore [Land]		81	14-Feb-22	24-May-22	-73					14-Feb-22														
HDD-1240	Furniture and paving removal	6	14-Feb-22	19-Feb-22	-116	Furniture and paving removal																		
HDD-1330	Formation earth works from +50.4mPD to +48mPD (~6000m3), (23 trips x 6m3 24Ttrucks = 134m3 per day x 45 working days)	45	21-Feb-22	14-Apr-22	-116	s = 134m3 per day x 45 working days)																		
HDD-1340	Erection of temporary platform and footing construction for HDD	30	07-Apr-22	16-May-22	-116	Erection of temporary platform and footing construction for HDD																		
HDD-1780	Installation of monitoring instrumentation	30	19-Apr-22	24-May-22	-73					Installation of monitoring instrumentation														
Off Shore [Sea]		60	12-Feb-22	27-Apr-22	-67					12-Feb-22				27-Apr-22, Of										
HDD-1010	Procurement, Prefabrication and delivery of temporary support frame for casing	45	12-Feb-22	06-Apr-22	-67	emporary support frame for casing																		
HDD-1020	Mobilization and install silt curtain for temporary marine platform	12	23-Mar-22	06-Apr-22	-67	Mobilization and install silt curtain for temporary marine platform																		
HDD-1030	Construction of temporary support frame (after MDN)	15	07-Apr-22	27-Apr-22	-67					Construction of temporary support frame (after MDN)														
Procurement		223	06-Dec-21 A	03-Oct-22	-96																			



Contract No. DC/2020/02  
Construction of San Shek Wan Sewage Treatment Works,  
Associated Submarine Outfall and Pui O Sewerage Works



Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	January 2022				February 2022				March 2022				April 2022				May 2022	
						09	16	23	30	06	13	20	27	06	13	20	27	03	10	17	24	01	08
HDD-1360	HDD plant design, fabrication and modification	40	06-Dec-21 A	31-Mar-22	-96																		
HDD-1370	HDD material procurement such as casing and betonite, etc	28	06-Dec-21 A	31-Mar-22	-81																		
HDD-1380	PE pipe manufacturing and delivery to HK	150	01-Apr-22	03-Oct-22	-96																		
Delivery to HK		87	18-Nov-21 A	21-Apr-22	-81																		
HDD-1390	Submission to the Ministry of Commerce for HDD equipment	58	18-Nov-21 A	31-Mar-22	-81																		
HDD-1400	Customs clearance and plant delivery to HK, such as HDD rig, mud tank, drilling fluid processing system, etc	11	01-Apr-22	14-Apr-22	-81																		
HDD-1410	Customs clearance and plant delivery to HK, such as casing, driller, drill Pipe, reamer, etc	11	06-Apr-22	21-Apr-22	-81																		
Construction		64	28-Feb-22	18-May-22	-67																		
1st tunnel		64	28-Feb-22	18-May-22	-67																		
Sea side (HDD Rig 2)		64	28-Feb-22	18-May-22	-67																		
HDD-1040	Working barge maintainance & arrival in place	25	28-Feb-22*	28-Mar-22	-45																		
HDD-1045	Barge HDD preparation work	5	28-Apr-22	04-May-22	-67																		
HDD-1046	Mobilization and install silt curtain for casing for HDD works	12	05-May-22	18-May-22	-67																		
Remaining Trunk Sewers, Rising Mains & Emergency Discharge Pipe		1024	02-Nov-21 A	16-May-25	255																		
R-1000	Remaining Truck Sewers, Rising Mains & Emergency Discharge Pipe	973	04-Feb-22	16-May-25	255																		
Portion C1 / SSWTW Section		240	02-Nov-21 A	21-Jun-22	546																		
C1-1000	TTA application for Portion C1/ SSWTW Section (Plan ID 1303703) (TTA with 24hrs permit)	240	02-Nov-21 A	21-Jun-22	546																		
Portion C1 / Lo Wai Tsuen Section		240	02-Nov-21 A	21-Jun-22	442																		
C3-1000	TTA application for Portion C1/ Lo Wai Tsuen Section (Plan ID 1303702) (TTA with 24hrs permit)	240	02-Nov-21 A	21-Jun-22	442																		

	Summary		Critical Remaining Work		Finish Constraint
	Actual LOE		Milestone		No Predecessors
	Remaining LOE		Crit Milestone		No Successors
	Actual Work		Actual Milestone		
	Remaining Work		Start Constraint		

Project ID: MP202112-5  
3 Months Rolling Programme --- Feb 2022 to Apr 2022  
Page 5 of 5

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Date	Revision	Checked	Approved
11-Feb-22	r0	JW	CT