

ID	Activity	Duration	Start	Finish	Activity % Complete	Sort G	September				October				November				December			
							02	09	16	23	30	07	14	21	28	04	11	18	25	02	09	16
OCEAN PARK - TSW WW PROJECT EARLY Programme to completion Works As Built 20190930																						
KEY DATES																						
KD.240	Remove TC2	6	16-Jan-20	22-Jan-20	0%																	
Summary Bars																						
Key Dates																						
KD.C06-KD260	Ocean Park Target OP date	0		31-Dec-19*	0%																	
KD.C06-KD270	Weathertight (Except for TC2 opening)	0		14-Jan-20	0%																	
KD.C06-KD230	Weathertight (Except for TC2 opening, Norht skylight, Lazy River Facade,)	0		14-Jan-20	0%																	
KD.C06-KD240	TC-2 Removal	0		22-Jan-20	0%																	
LEVEL 2 PRIMARY SLAB																						
P4 Ride Slab (Tongue)																						
OP.14090	BD approval for revised design to P4 ride platform no. 2 (Item 18)	0		30-Sep-19*	0%																	
OP.9560	P4 Ride slab: Construct Slab	28	29-Nov-19	03-Jan-20	0%																	
Level 2 Zone B																						
Emergency Escape tunnel																						
OP.9570	Complete Formation Escape Coridor	22	30-Sep-19	26-Oct-19	0%																	
OP.9550	Complete Emergency Escape Tunnel	28	28-Oct-19	28-Nov-19	0%																	
Level 2 Zone A																						
OP.14420	Level 2 Slab infill in way of TC2	10	23-Jan-20	06-Feb-20	0%																	
LEVEL 2 SECONDARY SLAB (E&M ZONES)																						
Area 1 (A-External)																						
Zone B																						
SS.L2.670	Zone-B: Strike Formwork & Dismantling	5	24-Oct-19	29-Oct-19	0%																	
Zone C																						
SS.L2.340	Zone-C: Strike Formwork & Dismantling	5	30-Sep-19	05-Oct-19	0%																	
Area 3 (A-Internal)																						
Zone L																						
SS.L2.690	Zone-L: Strike Formwork & Dismantling	5	07-Nov-19	13-Nov-19	0%																	
Zone N																						
SS.L2.630	Zone-N: Strike Formwork & Dismantling	5	28-Sep-19 A	04-Oct-19	20%																	
Area 4 (A-Internal)																						
Zone Q																						
SS.L2.680	Zone-Q: Strike Formwork & Dismantling	5	26-Oct-19	31-Oct-19	0%																	
Zone R																						
SS.L2.580	Zone-R: Strike Formwork & Dismantling	5	21-Oct-19	25-Oct-19	0%																	
Zone S																						
SS.L2.660	Zone-S: Strike Formwork & Dismantling	5	16-Oct-19	21-Oct-19	0%																	
LEVEL 3 SECONDARY SLAB (E&M ZONES)																						
Area 6 Roof A																						
SS.L3.380	Area 6: Strike Formwork & Dismantling	5	30-Sep-19	05-Oct-19	0%																	
Area 7 Roof A																						
SS.L3.310	Area 7: Strike Formwork & Dismantling	5	14-Oct-19	19-Oct-19	0%																	
Area 1 Roof C																						
SS.L3.260	Area 1: L3 Secondary Slab	24	16-Sep-19 A	21-Oct-19	30%																	
SS.L3.340	Area 1: Strike Formwork & Dismantling	5	31-Oct-19	06-Nov-19	0%																	
Area 2 Roof C																						
SS.L3.370	Area 2: Strike Formwork & Dismantling	5	05-Oct-19	11-Oct-19	0%																	
Area 3 Roof C																						
SS.L3.350	Area 3: Strike Formwork & Dismantling	5	17-Oct-19	23-Oct-19	0%																	
Area 8 Roof A (external)																						
SS.L3.320	Area 8: Strike Formwork & Dismantling	5	30-Sep-19	05-Oct-19	0%																	
MAIN BUILDING EXTERNAL ENVELOPE																						
External RC walls																						
External Secondary Wall																						
Grid 7-15 Walls to Roof																						
OP.2820	Zone RA2, RA1 Remove wall and beam falsework / Scaffold	8	11-Oct-19	19-Oct-19	0%																	
Grid 15-28																						
OP.6940	Zone A4 Construct secondary walls L2- Roof B GL 25-28	24	07-Sep-19 A	08-Oct-19	75%																	
Green Wall																						
OP.15030	Construct External Secondary Walls (Green wall) GL179 to Roof Shell B Beam	48	31-Aug-19 A	01-Nov-19	46%																	
Grid JJ-LL																						
OP.15190	Construct External secondary Wal L2 -L3 GL JJ-LL	48	31-Aug-19 A	31-Oct-19*	46%																	

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Project: Ocean Park Tai Shue Wan Water World Project
 Project ID: T16004-268
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OCEAN PARK - TAI SHUE WAN DEVELOPMENT
Contract No. TSW-C006
3 month rolling program _Sep 2019

Date	Revision	Checked	Appro...
01-Apr-19	3M rolling		
01-May-19	3M rolling		
01-Jun-19	3M rolling		
01-Jul-19	3M rolling		

ID	Activity	Duration	Start	Finish	Activity % Complete	Sort G	September				October				November				December			
							02	09	16	23	30	07	14	21	28	04	11	18	25	02	09	16
Facade																						
Facade Installation																						
Level 1 to Level 2																						
EWS05B Retail Shop																						
OP.6680	EWS05 Retail Shop Glass	92	25-Sep-19 A	14-Jan-20	5%																	
Level 2 to Level 3																						
EWS04 Zone 2																						
OP.15200	EWS04 Zone 2 Steel and extrusion	28	01-Nov-19	03-Dec-19	0%																	
OP.15210	EWS04 Zone 2 Glass smoke vent and Cladding	28	04-Dec-19	08-Jan-20	0%																	
EWS01 Northern skylight Zone Bi fold doors -Ramp																						
OP.6510	EWS01 NSLZ Bi fold door -Steel and extrusion	20	21-Oct-19	12-Nov-19	0%																	
OP.6520	EWS01 NSLZ Bi fold door	20	13-Nov-19	05-Dec-19	0%																	
EWS04 Lazy River																						
OP.6500	EWS04 Lazy River Glass smoke vent	34	10-Sep-19 A	21-Oct-19	50%																	
Level 2 to Roof																						
EWS02 N2 (GL 15-19)																						
OP.6710	EWS02 N2 Frame	20	30-Sep-19	24-Oct-19	0%																	
OP.6720	EWS02 N2 Louvre	20	14-Oct-19	05-Nov-19	0%																	
Level 3 to Roof																						
EWS01 S1 Zone 1C Shell B																						
OP.6540	EWS01 S1 Glass, Bi fold doors	80	31-Aug-19 A	05-Dec-19	30%																	
EWS01 N1 Zone 1D Shell A																						
OP.6620	EWS01 N1 Glass, and Cladding	30	14-Sep-19 A	18-Oct-19	50%																	
Skylight Installation																						
Level 3																						
EWS08CS Northern Skylight																						
OP.6420	EWS08CS Northern skylight Glass and Cladding	9	10-Sep-19 A	30-Sep-19	90%																	
Roof -ETFE																						
ETPAP.580	Roof A -ETFE Install	25	31-Aug-19 A	05-Oct-19	80%																	
ETPAP.590	Roof B -ETFE Install	25	05-Sep-19 A	05-Oct-19	80%																	
OP.5710	Roof B Complete weathertightness to roof in way of TC2 -ETFE install	18	23-Jan-20	15-Feb-20	0%																	
RIDE P1																						
P1 Walkway																						
P1 Walkway																						
OP.13710	P1 Walkway 1B-2 Slope stabilisation	48	20-Sep-19 A	15-Nov-19	20%																	
OP.10330	P1 Access stairs from Thoroughfare	18	30-Sep-19	22-Oct-19	0%																	
OP.13720	P1 Walkway 1B-2 Slope Consent	28	15-Nov-19	18-Dec-19	0%																	
OP.8890	P1 Walkway 1B-2	28	18-Dec-19	23-Jan-20	0%																	
P1 Queue Path and Thoroughfare Finishes E&M Essential for FS1																						
ETPAP.760	P1 Queue Path and Thoroughfare Finishes E&M Essential for FS1	24	23-Jan-20	24-Feb-20	0%																	
P1 Formation Submission Preparation and Approval																						
OP.15380	P1 Submission Formation Report 1A-1b-(ii)	9	15-Sep-19 A	05-Oct-19	50%																	
OP.15370	P1 Submission Formation Report 1A-1b-(i)	9	05-Oct-19*	17-Oct-19	0%																	
P1 Consent Footings																						
OP.10260	P1 Consent Footings 1A-2	28	31-Aug-19 A	05-Oct-19	85%																	
OP.10270	P1 Consent Footings 1B-1	28	31-Aug-19 A	05-Oct-19	85%																	
OP.10280	P1 Consent Footings 1A-1c	28	30-Sep-19	02-Nov-19	0%																	
OP.10290	P1 Consent Footings 1A-1b-(i)	28	17-Oct-19	19-Nov-19	0%																	
OP.12000	P1 Consent Footings 1A-1b-(ii)	28	27-Nov-19	31-Dec-19	0%																	
P1 Footings																						
OP.8850	P1 Footings 1A-2	14	26-Sep-19 A	16-Oct-19	10%																	
OP.9140	P1 Footings 1A-1c	14	28-Sep-19 A	15-Oct-19	15%																	
OP.8860	P1 Footings 1B-1	14	16-Oct-19	01-Nov-19	0%																	
OP.9190	P1 Footings 1A-1b-(i)	14	19-Nov-19	05-Dec-19	0%																	
OP.12010	P1 Footings 1A-1b-(ii)	8	02-Jan-20	10-Jan-20	0%																	
P1 Columns																						
OP.13690	P1 Ride Arm Cast in plates On site	0		08-Oct-19	0%																	
OP.9250	P1 Columns 1A-1c	10	15-Oct-19	26-Oct-19	0%																	
OP.8970	P1 Columns 1A-2	10	16-Oct-19	28-Oct-19	0%																	
OP.9260	P1 Columns 1A-1b-(i)	10	05-Dec-19	17-Dec-19	0%																	
OP.12020	P1 Columns 1A-1b-(ii)	6	11-Jan-20	17-Jan-20	0%																	
P1 Steel support Arms																						
OP.9670	P1 Steel support arms on site	0		30-Sep-19*	0%																	
OP.9380	P1 Steel support arms 1A-1c	10	26-Oct-19	07-Nov-19	0%																	
OP.9320	P1 Steel support arms 1A-2	10	28-Oct-19	08-Nov-19	0%																	
OP.9430	P1 Steel support arms 1A-1b-(i)	10	17-Dec-19	31-Dec-19	0%																	
OP.12030	P1 Steel support arms 1A-1b-(ii)	6	18-Jan-20	24-Jan-20	0%																	

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Project: Ocean Park Tai Shue Wan Water World Project
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OCEAN PARK - TAI SHUE WAN DEVELOPMENT
Contract No. TSW-C006
3 month rolling program _Sep 2019

Date	Revision	Checked	Appro...
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							28				29				30				31						
							02	09	16	23	30	07	14	21	28	04	11	18	25	02	09	16	23	30	
P1 Platform																									
OP.8980	P1 Columns 1B-1	10	01-Nov-19	13-Nov-19	0%																				
OP.10320	P1 Construct Platform 1B-1	28	13-Nov-19	16-Dec-19	0%																				
P1 Rock fill to slopes																									
OP.15100	Rock Fill to slopes	40	18-Jan-20	07-Mar-20	0%																				
P1 Flume																									
OP.9880	P1 Install Flume (Left side)	33	16-Nov-19	27-Dec-19	0%																				
OP.9810	P1 Install Flume (Right side -Lower section)	33	24-Dec-19	06-Feb-20	0%																				
OP.9890	P1 Install Flume (Right side -Upper section)	33	29-Jan-20	06-Mar-20	0%																				
P1 PTFE Canopy																									
OP.14170	Submission of P1 PTFE design for BD approval (Item 26)	0		30-Sep-19*	0%																				
OP.14200	BD Approval of P1 PTFE Canopy	28	30-Sep-19	02-Nov-19	0%																				
OP.14190	P1 PTFE Shop Drawings	36	04-Nov-19	14-Dec-19	0%																				
OP.14180	P1 PTFE Manufacture Canopy	60	16-Dec-19	29-Feb-20	0%																				
P1 Ride E&M																									
OP.10110	P1 Ride E&M	60	31-Dec-19	13-Mar-20	0%																				
RIDE P2																									
OP.9370	Conformation of Site formation details next to footing M15. (Item 9)	0		30-Sep-19*	0%																				
P2 Walkway																									
OP.10360	P2 Access stairs from Thoroughfare	24	06-Dec-19	06-Jan-20	0%																				
P2 Queue Path and Thoroughfare Finishes E&M Essential for FS1																									
ETPAP.790	P2 Queue Path and Thoroughfare Finishes E&M Essential for FS1	24	07-Jan-20	06-Feb-20	0%																				
P2 Footing Consent																									
OP.10120	P2 Consent Formation Footings Zone 2A-1, 2A-2	28	30-Sep-19	02-Nov-19	0%																				
Platform																									
OP.8660	P2 Consent - Footings 2H	28	30-Sep-19	02-Nov-19	0%																				
OP.8700	P2 Consent - Footings 2D	28	30-Sep-19	02-Nov-19	0%																				
Portal Beam P2 -C03																									
OP.8820	P2 Consent - Footings 2B-2	28	18-Sep-19 A	25-Oct-19	25%																				
Portal Beam P2 -C04																									
OP.8740	P2 Consent - Footings 2C-2	28	18-Sep-19 A	28-Oct-19	20%																				
OP.8810	P2 Completion - Pile Cap 2B-1 (Subject to Pile load test Batch 2)	28	30-Sep-19	02-Nov-19	0%																				
P2 Footings																									
OP.10130	P2 Footings Zone 2A-1, 2A-2	24	04-Nov-19	30-Nov-19	0%																				
Platform																									
OP.7970	P2 Footings 2H	12	04-Nov-19	16-Nov-19	0%																				
OP.8190	P2 Footings 2D	12	04-Nov-19	16-Nov-19	0%																				
Portal Beam P2 -C03																									
OP.8390	P2 Pile Cap 2C-1	18	30-Sep-19	22-Oct-19	0%																				
OP.8520	P2 Footings 2B-2	12	26-Oct-19	08-Nov-19	0%																				
Portal Beam P2 -C04																									
OP.8200	P2 Footings 2C-2	12	28-Oct-19	11-Nov-19	0%																				
OP.8480	P2 Pile Cap 2B-1	12	04-Nov-19	16-Nov-19	0%																				
P2 Columns																									
OP.10140	P2 Columns Zone 2A-1, 2A-2	18	02-Dec-19	21-Dec-19	0%																				
OP.10350	Portal Beams (steel) 2A-1, 2A-2	12	16-Dec-19	31-Dec-19	0%																				
Platform																									
OP.9460	P2 Columns 2H	6	18-Nov-19	23-Nov-19	0%																				
OP.9470	P2 Columns 2D	6	18-Nov-19	23-Nov-19	0%																				
Portal Beam P2 -C03																									
OP.9620	P2 Columns 2B-2	6	09-Nov-19	15-Nov-19	0%																				
OP.9490	P2 Columns 2C-1	6	16-Nov-19	22-Nov-19	0%																				
Portal Beam P2 -C04																									
OP.9480	P2 Columns 2C-2	6	11-Nov-19	18-Nov-19	0%																				
OP.9610	P2 Columns 2B-1	6	18-Nov-19	25-Nov-19	0%																				
P2 Portal Beams																									
OP.8620	P2 Portal Beam P2B03 (2C-1 to 2B-2)	24	23-Nov-19	20-Dec-19	0%																				
OP.8540	P2 Portal Beam P2B04 (2C-2 to 2B-1)	24	25-Nov-19	23-Dec-19	0%																				
P2 Ride Platform																									
OP.8530	P2 Platform (2H to 2D)	28	25-Nov-19	28-Dec-19	0%																				
P2 Ride On Grade Slab																									
OP.10180	Approval Ride P2 Retaining Wall to Ongrade slab (Item 8)	0		30-Sep-19*	0%																				
OP.10190	Formation Retaining Wall	18	30-Sep-19	22-Oct-19	0%																				
OP.10200	Consent Footing Retaining Wall	28	23-Oct-19	23-Nov-19	0%																				

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Project: Ocean Park Tai Shue Wan Water World Project
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OCEAN PARK - TAI SHUE WAN DEVELOPMENT
Contract No. TSW-C006
3 month rolling program _Sep 2019

Date	Revision	Checked	Appro...
01-Apr-19	3M rolling		
01-May-19	3M rolling		
01-Jun-19	3M rolling		
01-Jul-19	3M rolling		

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							02	09	16	23	30	07	14	21	28	04	11	18	25	02	09	16	23	30
OP.10160	Construct retaining Wall	28	25-Nov-19	28-Dec-19	0%																			
OP.10170	Fill to on Grade slab	18	30-Dec-19	20-Jan-20	0%																			
OP.10150	On Grade Slab GL 9-10	18	21-Jan-20	13-Feb-20	0%																			
P2 Conveyor																								
OP.13730	Design Support for Conveyor (Item 7)	0		30-Sep-19*	0%																			
OP.13740	Shop Drawings Support for Conveyor	28	30-Sep-19	02-Nov-19	0%																			
OP.13750	Procure Support for Conveyor	28	04-Nov-19	05-Dec-19	0%																			
OP.13760	Support for Conveyor on site	0		05-Dec-19	0%																			
OP.13630	Erect Conveyor (Lower section)	12	30-Dec-19	13-Jan-20	0%																			
OP.13640	Erect Conveyor (Upper section)	12	23-Jan-20	08-Feb-20	0%																			
P2 Ride Arms																								
OP.10400	P2 Ride Arms Deliver to site	0		30-Sep-19*	0%																			
OP.10250	P2 Ride Arms Columns 2H	12	25-Nov-19	07-Dec-19	0%																			
OP.10240	P2 Ride Arms Columns 2D	12	25-Nov-19	07-Dec-19	0%																			
OP.10210	P2 Ride Arms Portal Beam P2B03 (2C-1 to 2B-2)	12	21-Dec-19	07-Jan-20	0%																			
OP.10230	P2 Ride Arms Columns Zone 2A-1, 2A-2	24	23-Dec-19	22-Jan-20	0%																			
OP.10220	P2 Ride Arms Portal Beam P2B04 (2C-2 to 2B-1)	12	23-Dec-19	09-Jan-20	0%																			
P2 Rock fill to slopes																								
OP.15090	Rock Fill to slopes	40	29-Jan-20	14-Mar-20	0%																			
P2 Flume																								
OP.13830	P2 Flume T&C	12	30-Sep-19	15-Oct-19	0%																			
RIDE P3																								
OP.13980	Conformation of Design of conveyor supports CC5 (Item 11)	0		30-Sep-19*	0%																			
OP.13990	Shop drawings	18	30-Sep-19	22-Oct-19	0%																			
OP.14000	Manufacture and delivery	28	23-Oct-19	23-Nov-19	0%																			
P3 Queue Path Walkway																								
P3 Walkway Footings																								
P3 Approval																								
OP.9630	Design amendment MOE above 3C-2 (SB13E and SB10 ammendment)	0		30-Sep-19*	0%																			
OP.8290	Ammdement submission for MOE	33	30-Sep-19	08-Nov-19	0%																			
P3 Footings																								
OP.5430	P3 Zone 3D Walkway Footings	10	30-Sep-19	12-Oct-19	0%																			
OP.5240	P3 Zone 3G-2: Walkway -Footing	10	10-Oct-19	21-Oct-19	0%																			
OP.8160	P3 Zone 3G-3: Walkway -Footing	10	10-Oct-19	21-Oct-19	0%																			
OP.8180	P3 Zone 3H: Walkway -Footing	10	10-Oct-19	21-Oct-19	0%																			
P3 Queue Path Walkway Superstructure																								
P3 Lower Queue Path																								
OP.9640	P3 Zone 3C-2: Walkway -columns	12	30-Sep-19	15-Oct-19	0%																			
OP.5500	P3 Zone 3D: Walkway -columns and bottom stair slab	24	14-Oct-19	09-Nov-19	0%																			
OP.5510	P3 Zone 3D: Walkway -Columns and top slab	24	04-Nov-19	30-Nov-19	0%																			
OP.8220	P3 Zone 3C-2: Walkway -bottom stair slab	24	09-Nov-19	06-Dec-19	0%																			
OP.8230	P3 Zone 3C-2: Walkway -Columns and top slab	24	30-Nov-19	30-Dec-19	0%																			
P3 Upper Queue Path																								
OP.5260	P3 Zone 3H-3G-1: Walkway -columns and bottom stair slab	24	22-Oct-19	18-Nov-19	0%																			
OP.5270	P3 Zone 3H-3G-1: Walkway -Columns and top slab	24	12-Nov-19	09-Dec-19	0%																			
P3 Rides																								
Ride Columns																								
OP.5440	Columns Tridetic support	8	30-Sep-19	10-Oct-19	0%																			
Ride Columns Arms																								
OP.5920	P3 Columns arms Ride 3C-1	6	30-Sep-19	08-Oct-19	0%																			
OP.5930	P3 Columns arms 3A (P3C35 Inside Building)	6	30-Sep-19	08-Oct-19	0%																			
OP.6930	P3 Columns arms 3A (P3C54 In Wall)	10	09-Oct-19	19-Oct-19	0%																			
OP.14510	P3 Columns arms Conveyor 3C-1	6	25-Nov-19	30-Nov-19	0%																			
OP.6910	P3 Bolt on plate and Column arms -CC24D (In Wall)	10	16-Jan-20	30-Jan-20	0%																			
Coupler Plates -Column CC24D																								
OP.6170	P3 Coupler Plates -Column CC24D BD Approval	28	30-Sep-19	02-Nov-19	0%																			
OP.6190	P3 Coupler Plates-Column CC24D Design Submission	0		30-Sep-19*	0%																			
OP.6330	P3 Coupler Plates -Column CC24D BD Approval (Item 12)	0		02-Nov-19	0%																			
OP.6180	P3 Coupler Plates-Column CC24D shop Drawings	24	04-Nov-19	30-Nov-19	0%																			
OP.6200	P3 Coupler Plates -Column CC24D plate and arm -Fabrication	36	02-Dec-19	15-Jan-20	0%																			
OP.6220	P3 Coupler Plates -Column CC24D delivered	0		15-Jan-20*	0%																			
External Walls at Flume location																								
OP.5960	Construct External walls GL23-24	30	30-Sep-19*	05-Nov-19	0%																			
OP.6250	Construct External walls GL 24 -25	18	30-Sep-19	22-Oct-19	0%																			
Secondary Slab at Plunge Pool E																								
OP.5940	Complete coordination of Pool E area	0		30-Sep-19*	0%																			
OP.5950	Construct Secondary Slab at Pool E area for flume installation	24	30-Sep-19	29-Oct-19	0%																			

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Project: Ocean Park Tai Shue Wan Water
 World Project
 Project ID: T16004-268
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OCEAN PARK - TAI SHUE WAN DEVELOPMENT
 Contract No. TSW-C006
 3 month rolling program _Sep 2019

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							28				29				30				31					
							02	09	16	23	30	07	14	21	28	04	11	18	25	02	09	16	23	
OP.8840	P5 Zone 5E-2 Ride Arms	15	16-Dec-19	04-Jan-20	0%																			
OP.8830	P5 Zone 5E-1 Ride Arms	15	16-Dec-19	04-Jan-20	0%																			
Rock fill to slopes																								
OP.15060	Rock Fill to slopes	40	29-Jan-20	14-Mar-20	0%																			
PTFE Canopy																								
OP.14270	Submission of P4 PTFE design for BD approval (Item 26)	0		30-Sep-19*	0%																			
OP.14300	BD Approval of P4 PTFE Canopy	28	30-Sep-19	02-Nov-19	0%																			
OP.14290	P4 PTFE Shop Drawings	36	04-Nov-19	14-Dec-19	0%																			
OP.14280	P4 PTFE Manufacture Canopy	60	16-Dec-19	29-Feb-20	0%																			
P4 Ride E&M																								
OP.9590	P4 Ride E&M	60	16-Jan-20	28-Mar-20	0%																			
P5 Ride																								
OP.14060	BD design approval and construction details for steel ride arms (Item 17)	0		30-Sep-19*	0%																			
OP.14070	Ride arm Shop Drawings	30	30-Sep-19	05-Nov-19	0%																			
OP.14080	Ride arm manufacture and delivery	48	06-Nov-19	03-Jan-20	0%																			
P5 Formation Submission Preparation and Approval																								
OP.15590	P5 Zone 5B-3 Submission Formation Report	10	15-Sep-19 A	02-Oct-19	80%																			
OP.15610	P5 Zone 5B-4 Submission Formation Report	10	15-Sep-19 A	02-Oct-19	80%																			
OP.15620	P5 Zone 5B-2 Submission Formation Report	10	15-Sep-19 A	03-Oct-19	70%																			
OP.15600	P5 Zone 5B-5 Submission Formation Report	10	16-Sep-19 A	04-Oct-19	60%																			
P5 Ride Footings Consent																								
OP.8430	P5 Zone 4A Footing Consent	28	23-Sep-19 A	31-Oct-19	10%																			
OP.8880	P5 Zone 4C-2 Footing Consent	28	30-Sep-19	02-Nov-19	0%																			
OP.8870	P5 Zone 4B-3 Pile Cap Consent	28	30-Sep-19	02-Nov-19	0%																			
OP.8960	P5 Zone 5C-2 Footing Consent	28	30-Sep-19	02-Nov-19	0%																			
OP.8940	P5 Zone 5B-5 Footing Consent	28	05-Oct-19	07-Nov-19	0%																			
OP.8910	P5 Zone 5B-2 Footing Consent	28	05-Oct-19	08-Nov-19	0%																			
OP.8930	P5 Zone 5B-4 Footing Consent	28	09-Oct-19	09-Nov-19	0%																			
OP.8920	P5 Zone 5B-3 Footing Consent	28	10-Oct-19	12-Nov-19	0%																			
P5 Ride Column Consent																								
OP.8440	P5 Zone 4A Column Consent	28	30-Sep-19	02-Nov-19	0%																			
OP.9000	P5 Zone 4C-2 Column Consent	28	30-Sep-19	02-Nov-19	0%																			
OP.8990	P5 Zone 4B-3 Column Consent	28	30-Sep-19	02-Nov-19	0%																			
OP.9080	P5 Zone 5C-2 Column Consent	28	30-Sep-19	02-Nov-19	0%																			
OP.9060	P5 Zone 5B-5 Column Consent	28	05-Oct-19	07-Nov-19	0%																			
OP.9030	P5 Zone 5B-2 Column Consent	28	05-Oct-19	08-Nov-19	0%																			
OP.9050	P5 Zone 5B-4 Column Consent	28	09-Oct-19	09-Nov-19	0%																			
OP.9040	P5 Zone 5B-3 Column Consent	28	10-Oct-19	12-Nov-19	0%																			
P5 Ride Footings																								
OP.8420	P5 Zone 4A Footings	15	04-Nov-19	20-Nov-19*	0%																			
OP.9120	P5 Zone 4C-2 Footings	15	04-Nov-19	20-Nov-19*	0%																			
OP.9110	P5 Zone 4B-3 Footings	15	04-Nov-19	20-Nov-19*	0%																			
OP.9200	P5 Zone 5C-2 Footings	15	04-Nov-19	20-Nov-19*	0%																			
OP.9180	P5 Zone 5B-5 Footings	18	08-Nov-19	28-Nov-19*	0%																			
OP.9150	P5 Zone 5B-2 Footings	15	08-Nov-19	26-Nov-19*	0%																			
OP.9170	P5 Zone 5B-4 Footings	15	11-Nov-19	27-Nov-19*	0%																			
OP.9160	P5 Zone 5B-3 Footings	15	12-Nov-19	29-Nov-19*	0%																			
P5 Ride Columns																								
OP.9210	P5 Zone 4B-1 Columns	15	30-Sep-19	18-Oct-19	0%																			
OP.9220	P5 Zone 4B-2 Columns	15	30-Sep-19	18-Oct-19	0%																			
OP.8460	P5 Zone 4A Columns	15	21-Nov-19	07-Dec-19	0%																			
OP.9240	P5 Zone 4C-2 Columns	15	21-Nov-19	07-Dec-19	0%																			
OP.9230	P5 Zone 4B-3 Columns	15	21-Nov-19	07-Dec-19	0%																			
OP.9650	P5 Zone 5C-2 Columns	15	21-Nov-19	07-Dec-19	0%																			
OP.9270	P5 Zone 5B-2 Columns	15	26-Nov-19	13-Dec-19	0%																			
OP.9290	P5 Zone 5B-4 Columns	15	28-Nov-19	14-Dec-19	0%																			
OP.9300	P5 Zone 5B-5 Columns	15	29-Nov-19	16-Dec-19	0%																			
OP.9280	P5 Zone 5B-3 Columns	15	29-Nov-19	17-Dec-19	0%																			
P5 Ride Columns Arms																								
OP.9330	P5 Zone 4B-1 Column Arms	10	19-Oct-19	30-Oct-19	0%																			
OP.9340	P5 Zone 4B-2 Column Arms	10	19-Oct-19	30-Oct-19	0%																			
OP.8470	P4 Zone 4A Column Arms	10	09-Dec-19	19-Dec-19	0%																			
OP.9360	P5 Zone 4C-2 Column Arms	10	09-Dec-19	19-Dec-19	0%																			
OP.9350	P5 Zone 4B-3 Column Arms	10	09-Dec-19	19-Dec-19	0%																			
OP.9660	P5 Zone 5C-2 Column Arms	15	09-Dec-19	27-Dec-19	0%																			
OP.9400	P5 Zone 5B-3 Column Arms	10	17-Dec-19	31-Dec-19	0%																			
OP.9420	P5 Zone 5B-5 Column Arms	10	17-Dec-19	31-Dec-19	0%																			
OP.9500	P5 Zone 5C-3 Column Arms	10	27-Dec-19	08-Jan-20	0%																			
OP.9410	P5 Zone 5B-4 Column Arms and Boomerango Frame	28	04-Jan-20	08-Feb-20	0%																			
OP.9390	P5 Zone 5B-2 Column Arms and Boomerango Frame	28	21-Jan-20	25-Feb-20	0%																			

■ critical level of effort ■ Critical Remaining Work
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Project: Ocean Park Tai Shue Wan Water World Project
 Project ID: T16004-268
 Layout: 3 Month look ahead 20190930
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OCEAN PARK - TAI SHUE WAN DEVELOPMENT
Contract No. TSW-C006
3 month rolling program _Sep 2019

Date	Revision	Checked	Appro...
01-Apr-19	3M rolling		
01-May-19	3M rolling		
01-Jun-19	3M rolling		
01-Jul-19	3M rolling		

ID	Activity	Duration	Start	Finish	Activity % Complete	Sort G	September				October				November				December					
							02	09	16	23	30	07	14	21	28	04	11	18	25	02	09	16	23	31
Rock fill to slopes																								
OP.15070	Rock Fill to slopes	40	29-Jan-20	14-Mar-20	0%																			
P5 Flumes																								
NEW.P5.3000	P5 Boomerang - Portion A (Flume A0 1-11)	5	04-Jan-20	09-Jan-20	0%																			
NEW.P5.3010	P5 Boomerang - Portion B (Flume A0 12-30)	7	09-Jan-20	16-Jan-20	0%																			
NEW.P5.3020	P5 Boomerang - Portion C (Flume A0 30-59)	11	16-Jan-20	31-Jan-20	0%																			
PTFE Canopy																								
OP.14320	Submission of P5 PTFE design for BD approval (Item 26)	0		30-Sep-19*	0%																			
OP.14350	BD Approval of P5 PTFE Canopy	28	30-Sep-19	02-Nov-19	0%																			
OP.14340	P5 PTFE Shop Drawings	36	04-Nov-19	14-Dec-19	0%																			
OP.14330	P5 PTFE Manufactue Canopy	60	16-Dec-19	29-Feb-20	0%																			
Conveyor																								
NEW.P5.3080	P5: Conveyor - Lower Portion	8	20-Dec-19	31-Dec-19	0%																			
NEW.P5.3060	P5: Conveyor - Middle Portion	6	06-Jan-20	11-Jan-20	0%																			
NEW.P5.3070	P5: Conveyor - Upper Portion	6	06-Jan-20	11-Jan-20	0%																			
P5 Ride E&M																								
OP.9580	P5 Ride E&M	60	24-Jan-20	07-Apr-20	0%																			
PLAY STRUCTURE																								
OP.15160	Construct Play Structure Pool K	48	21-Oct-19	16-Dec-19	0%																			
OP.15170	Play structure Flume T&C	12	16-Dec-19	02-Jan-20	0%																			
THOROUGHFARE																								
OP.9840	Design and BD approval for bridge and its footings (Slope R17) (Item 3)	0		30-Sep-19*	0%																			
OP.13930	Conformation of Construction details for Thoroughfare (Item 5)	0		30-Sep-19*	0%																			
OP.13970	Design of MOE path connecting to Main Building at Level L3 (Item 10)	0		30-Sep-19*	0%																			
Pedestrian Footridge at GL7 -10																								
OP.9910	Bedestrian Bridge Norht abutment SB10 ammendment	0		30-Sep-19*	0%																			
OP.13810	Excavation to Bridge Footing	24	21-Oct-19	18-Nov-19	0%																			
OP.9850	Pedestrian Bridge Footing Consent	28	18-Nov-19	20-Dec-19	0%																			
OP.9860	Pedestrian Bridge Abutment / Footing	18	20-Dec-19	14-Jan-20	0%																			
OP.9870	Pedestrian Bridge deck	24	14-Jan-20	14-Feb-20	0%																			
Formation On Grade slab																								
On Grade slab Main Road to GL 14																								
OP.9720	Formation On Grade Slab -GL -07 to 10 (EXCLUDING Pedestrian footbridge)	10	12-Sep-19 A	04-Oct-19	60%																			
OP.9710	Formation On Grade Steps -GL -03 to 07	24	05-Oct-19	02-Nov-19	0%																			
OP.6230	Formation on Grade Slab -Fence gate to GL 03	10	04-Nov-19	14-Nov-19	0%																			
OP.9700	Formation On Grade Steps -Main Road to Fence gate	24	15-Nov-19	12-Dec-19	0%																			
OP.10370	Formation On Grade Slab -GL -07 to 10 (INCLUDING Pedestrian footbridge)	10	14-Jan-20	29-Jan-20	0%																			
Concrete thoroughfare																								
P3 Thoroughfare Slab zone																								
ETPAP.350	Suspended Thoroughfare slab between external wall and P3 walkway	24	12-Dec-19	11-Jan-20	0%																			
ETPAP.380	On grade Thoroughfare slab to GL 17.5 -21.5	24	31-Dec-19	31-Jan-20	0%																			
On Grade slab GL 18.5-20.5																								
ETPAP.710	On grade slab to GL 18.5-20.5	24	03-Oct-19	31-Oct-19	0%																			
On Grade slab GL 14-18.5																								
OP.5790	On Grade Slab 14 to 18.5	18	04-Oct-19	25-Oct-19	0%																			
On Grade slab Main Road to GL 14																								
OP.5830	On Grade Slab GL 07 to 10 (EXCLUDING Pedestrian footbridge)	18	05-Oct-19	26-Oct-19	0%																			
OP.9750	On Grade Slab GL 10 to 14	18	05-Oct-19	26-Oct-19	0%																			
OP.9690	On Grade Steps GL 03 to 07	24	04-Nov-19	30-Nov-19	0%																			
OP.5810	On Grade Steps Road to Fence gate)	24	13-Dec-19	13-Jan-20	0%																			
Buttress Wall at Zone 1a-1b (ii) (S5)																								
OP.11990	Excavation	24	30-Oct-19	26-Nov-19	0%																			
E&M																								
ETPAP.500	Thoroughfare Finishes E&M	24	14-Jan-20	13-Feb-20	0%																			
RISING MAIN (SEWERAGE)																								
Formation																								
OP.13590	Excavate to formation	15	23-Sep-19 A	17-Oct-19	10%																			
OP.13600	Consent	28	17-Oct-19	19-Nov-19	0%																			
Access Stairs																								
RM.SFGE.1050	Shop drawing approval	24	30-Sep-19	29-Oct-19	0%																			
RM.SFGE.1020	PMI prepare shop drawings for Steel Steps Approval	24	30-Oct-19	26-Nov-19	0%																			
RM.SFGE.1030	Fabricate and deliver steps	30	27-Nov-19	03-Jan-20	0%																			
RM.SFGE.1040	Erect Steel steps	42	04-Jan-20	25-Feb-20	0%																			
Sewage Pump Room Installation																								
RM.PR.EM.1000	Pump room E&M fit out	18	16-Oct-19	05-Nov-19	0%																			
Thrust Block, Pipe Trough & Slope Pipe																								

■ critical level of effort ■ Critical Remaining Work
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Project: Ocean Park Tai Shue Wan Water World Project
 Project ID: T16004-268
 Layout: 3 Month look ahead 20190930
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OCEAN PARK - TAI SHUE WAN DEVELOPMENT
Contract No. TSW-C006
3 month rolling program _Sep 2019

Date	Revision	Checked	Appro...
01-Apr-19	3M rolling		
01-May-19	3M rolling		
01-Jun-19	3M rolling		
01-Jul-19	3M rolling		

ID	Activity	Duration	Start	Finish	Activity % Complete	Sort G	September				October				November				December												
							02	09	16	23	30	07	14	21	28	04	11	18	25	02	09	16	23	30							
RM.PTHL.1040	Pipe Trough 1: Construct (1.90m x 11.00m)	24	19-Nov-19	17-Dec-19	0%																										
RM.PTHL.1010	Install Concrete Slope Pipe Supports 17no.	34	17-Dec-19	01-Feb-20	0%																										
RM.PTHL.1060	Install Concrete Pipe Supports 4no.	5	17-Dec-19	23-Dec-19	0%																										
NATURAL POND																															
HL.NP.SUM110	Natural Pond	231	30-Sep-19	13-Jul-20	0%																										
Pond structure																															
Retaining wall																															
OP.13520	Finalise Design of Retaining Wall (OP) (Item 34)	0		30-Sep-19*	0%																										
OP.13530	BD Approval	28	30-Sep-19	02-Nov-19	0%																										
OP.13540	ELS Approval	14	04-Nov-19	19-Nov-19	0%																										
OP.13550	Excavate to formation	18	20-Nov-19	10-Dec-19	0%																										
OP.13560	Retaining Wall Consent	28	11-Dec-19	15-Jan-20	0%																										
OP.13570	Construct Buttress Wall	24	16-Jan-20	15-Feb-20	0%																										
SITE FORMATION																															
OP.13900	Overall site formation backfilling and slope drainage (15th Amendment ??) (Item 35)	0		30-Sep-19*	0%																										
OP.13920	Confirmation of Surface Channel at P1 Area (Interface with C007) (Item 4)	0		30-Sep-19*	0%																										
OP.13950	Clashes between P2 footings and surface channel (Zone 2H) (Item 6)	0		30-Sep-19*	0%																										
Site Formation of slopes																															
OP.13960	Formation to surface Channel at P2 Zone 2H	24	30-Sep-19	29-Oct-19	0%																										
Drainage channel																															
OP.13910	Surface channel at P1 Area	35	30-Sep-19	11-Nov-19	0%																										
OP.13940	Surface channel at P2 Area	35	30-Oct-19	09-Dec-19	0%																										
ABWF																															
OP.14140	Dry wall details for FS control room (Item 25)	0		30-Sep-19*	0%																										
OP.14150	Construct extension works to FS control room	40	30-Sep-19	16-Nov-19	0%																										
Blockwork																															
Level 2																															
Area 3																															
Zone J																															
OP.7090	Zone J: Blockwork:- Store Rm-272	12	30-Aug-19 A	05-Oct-19	60%																										
Level 2M																															
Area 3																															
Zone J																															
OP.7230	Zone J: Blockwork:- stair well	6	30-Sep-19	08-Oct-19	0%																										
Level 3																															
Area 6																															
OP.7010	Area 6 Blockwork:- Kitchen Rm-302, 300,301,319	18	25-Sep-19 A	12-Oct-19	45%																										
OP.7030	Area 6 Blockwork:- Rm 310,311,	12	25-Sep-19 A	05-Oct-19	60%																										
OP.7020	Area 6 Blockwork:- W.C. Rm -304,303,305,306,307,309,312	20	30-Sep-19	24-Oct-19	0%																										
Area 1																															
OP.6990	308	18	30-Sep-19	22-Oct-19	0%																										
Floor Finishes - Remainder																															
Level 3																															
AB.FFL3.3110	L3: Floor Finishes screeding	40	30-Sep-19	16-Nov-19	0%																										
AB.FFBL.120	L3: Floor Tiles	40	30-Sep-19	16-Nov-19	0%																										
Ceiling Finishes																															
Level 1																															
Ceiling affected by Catwalk																															
Ceiling																															
OP.7480	Grid	18	23-Sep-19 A	16-Oct-19	30%																										
OP.7470	Hangers	15	24-Sep-19 A	11-Oct-19	45%																										
OP.7490	Panels	18	09-Oct-19	30-Oct-19	0%																										
Level 2																															
OP.7370	Panels	50	23-Sep-19 A	21-Dec-19	10%																										
Wall Finishes - Remainder																															
Level 2																															
AB.WFL2.2110	L2: Wall Finishes	50	30-Aug-19 A	17-Jan-20	25%																										
AB.WFBL.130	L2: Wall Tiles	90	09-Jan-20	02-May-20	0%																										
Level 3																															
AB.WFL3.3110	L3: Wall Finishes	50	18-Nov-19	17-Jan-20	0%																										
AB.WFBL.140	L3: Wall Tiles	50	23-Nov-19	23-Jan-20	0%																										
Builders Work for E&M Access																															
Basement																															
OP.14470	Cold room 013 U channel and drainage	28	15-Sep-19 A	17-Oct-19	50%																										
OP.14400	Wall Floor ceiling modifications	36	18-Oct-19	28-Nov-19	0%																										

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- Milestone
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OCEAN PARK - TAI SHUE WAN DEVELOPMENT
Contract No. TSW-C006
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01-Apr-19	3M rolling		
01-May-19	3M rolling		
01-Jun-19	3M rolling		
01-Jul-19	3M rolling		

ID	Activity	Duration	Start	Finish	Activity % Complete	Sort G	September 28				October 29				November 30				December 31				
							02	09	16	23	30	07	14	21	28	04	11	18	25	02	09	16	23
OP.14390	Cold Room Construction 013 PMI 396 (Item 37)	28	29-Nov-19	03-Jan-20	0%																		
Level 2																							
Area 3																							
Zone N																							
OP.11080	Zone N: Builders work for E&M access: Pump Rm246	18	30-Sep-19	22-Oct-19	0%																		
Zone J																							
OP.10930	Zone J: Builders work for E&M access:- Store Rm-272	18	30-Aug-19 A	11-Oct-19	50%																		
Zone M																							
OP.10940	Zone M: Builders work for E&M access: - Store Rm-271	18	30-Aug-19 A	16-Oct-19	30%																		
Level 2M																							
Area 3																							
Zone J																							
OP.11060	Zone J: Builders work for E&M access: - stair well	18	09-Oct-19	29-Oct-19	0%																		
Level 3																							
Area 6																							
OP.10870	Area 6 Builders work for E&M access: - W.C. Rm -304,303,305,306,307,309,312	18	30-Sep-19	22-Oct-19	0%																		
OP.10860	Area 6 Builders work for E&M access: - Kitchen Rm-302, 300,301,319	18	14-Oct-19	02-Nov-19	0%																		
OP.10880	Area 6 Builders work for E&M access: - Rm 310,311,	18	14-Oct-19	02-Nov-19	0%																		
Changing / Washrooms																							
Level 2																							
Area 3																							
Zone J																							
OP.13450	Zone J: Fitout: - W.C. Rm -222,221,224,225a,225b,223a	48	22-Nov-19	20-Jan-20	0%																		
Area 5																							
Zone T																							
OP.13460	Zone T: Fitout: - W.C. Rm -235,233,238,234	44	11-Dec-19	06-Feb-20	0%																		
Level 2M																							
Area 6																							
OP.13470	Area 6: Fitout:- W.C. Rm -274,275,276,277,	48	18-Sep-19 A	15-Nov-19	20%																		
Level 3																							
Area 6																							
OP.13480	Area 6 Fitout : - W.C. Rm -304,303,305,306,307,309,312	48	27-Dec-19	25-Feb-20	0%																		
Pool Finishes																							
OP.10830	Commence Pool Waterproofing work on site (Commence on completion of all pool wall finishes)	0	08-Oct-19*		0%																		
OP.13620	Temp Water Supply	0		08-Oct-19*	0%																		
OP.10840	Water Supply Connection	0		03-Dec-19*	0%																		
Pool A																							
OP.10430	Pool A: Fill Pool and Water test (1429 cu.m)	6	25-Sep-19 A	03-Oct-19	50%																		
OP.15950	Pool A: Apply Final Finishes and fill pool	35	18-Oct-19	27-Nov-19	0%																		
Pool D																							
OP.12110	Pool D: Fill Pool and Water test (166 cu.m)	9	06-Nov-19	15-Nov-19	0%																		
OP.15960	Pool D: Apply Final Finishes and fill pool	25	16-Nov-19	14-Dec-19	0%																		
Pool F																							
OP.12670	Pool F: Pool wall Finishes and concrete preparation	40	19-Sep-19 A	09-Nov-19	15%																		
OP.12180	Pool F: Waterproofing	4	11-Nov-19	14-Nov-19	0%																		
OP.12170	Pool F: Fill Pool and Water test (160 cu.m)	9	22-Nov-19	02-Dec-19	0%																		
OP.15970	Pool F: Apply Final Finishes and fill pool	24	03-Dec-19	02-Jan-20	0%																		
Pool C																							
OP.10490	Pool C: Structure Completed	0		31-Oct-19	0%																		
OP.12070	Pool C : Pool wall Finishes and concrete preparation	60	29-Nov-19	13-Feb-20	0%																		
Pool H																							
OP.10650	Pool H: Structure completed	0		19-Oct-19	0%																		
OP.12190	Pool H : Pool wall Finishes and concrete preparation	55	18-Nov-19	23-Jan-20	0%																		
OP.12210	Pool H: Water proofing	6	24-Jan-20	03-Feb-20	0%																		
Pool E																							
OP.10560	Pool E: Structure completed	0		13-Nov-19	0%																		
OP.12130	Pool E : Pool wall Finishes and concrete preparation	35	24-Jan-20	07-Mar-20	0%																		
Pool B																							
OP.10470	Pool B: Structure completed	0		29-Oct-19	0%																		
OP.12040	Pool B : Pool wall Finishes and concrete preparation	42	18-Nov-19	08-Jan-20	0%																		
OP.12060	Pool B: Water proofing	5	09-Jan-20	14-Jan-20	0%																		
OP.12050	Pool B: Fill Pool and Water test (895 cu.m)	12	18-Jan-20	04-Feb-20	0%																		
Pool L																							
OP.12250	Pool L : Pool wall Finishes and concrete preparation	20	09-Dec-19	04-Jan-20	0%																		
OP.12270	Pool L: Water proofing	3	04-Jan-20	08-Jan-20	0%																		
OP.12260	Pool L: Fill Pool and Water test	6	14-Jan-20	21-Jan-20	0%																		
OP.16020	Pool L: Apply Final Finishes and fill pool	18	21-Jan-20	14-Feb-20	0%																		

	critical level of effort		Critical Remaining Work
	Current		
	Milestone		
	Milestone		
	% Complete		

Project: Ocean Park Tai Shue Wan Water World Project
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OCEAN PARK - TAI SHUE WAN DEVELOPMENT
Contract No. TSW-C006
3 month rolling program _Sep 2019

Date	Revision	Checked	Appro...
01-Apr-19	3M rolling		
01-May-19	3M rolling		
01-Jun-19	3M rolling		
01-Jul-19	3M rolling		

ID	Activity	Duration	Start	Finish	Activity % Complete	Sort G	September 28				October 29				November 30				December 31					
							02	09	16	23	30	07	14	21	28	04	11	18	25	02	09	16	23	30
Pool K																								
OP.12220	Pool K :Pool wall Finishes and concrete preparation	12	04-Jan-20	18-Jan-20	0%																			
Pool S																								
OP.10770	Pool S: Structure completed	0		04-Oct-19	0%																			
OP.12310	Pool S : Pool wall Finishes and concrete preparation	18	04-Jan-20	29-Jan-20	0%																			
OP.12330	Pool S: Water proofing	3	29-Jan-20	01-Feb-20	0%																			
Binnacles																								
BIN.GDP.1020	Binnacles Fabrication and deliver to site	6	18-Sep-19 A	05-Oct-19	20%																			
Level 2																								
BIN.L2.1000	Binnacles L2 installation (9 No)	14	28-Oct-19	13-Nov-19	0%																			
BIN.L2.1010	Binnacles L2 Nozzles and speakers	7	13-Nov-19	21-Nov-19	0%																			
Level 3																								
BIN.L3.1000	Binnacles L3 installation (17 No)	30	13-Nov-19	18-Dec-19	0%																			
BIN.L3.1010	Binnacles L3 Nozzles and speakers	14	18-Dec-19	07-Jan-20	0%																			
Balustrade and Hand rails																								
Level 1																								
AB.BAL.1100	L1 Handrail installation -Spiral (Batch 5)	30	20-Sep-19 A	15-Oct-19	60%																			
AB.BAL.1040	L1 Handrail installation - Spiral (Batch 3)	30	18-Jan-20	25-Feb-20	0%																			
AB.BAL.1120	L1 Handrail installation - Zone A (Batch 5)	30	18-Jan-20	25-Feb-20	0%																			
Level 2																								
AB.BAL.1060	L2 Metal Ballustrade installation Zone A	80	18-Jan-20	28-Apr-20	0%																			
AB.BAL.1070	L2 Metal Ballustrade installation Zone 19 Bridge	21	18-Jan-20	14-Feb-20	0%																			
AB.BAL.1080	L2 Glass Ballustrade installation Zone A	21	18-Jan-20	14-Feb-20	0%																			
AB.BAL.1160	L2 Metal Ballustrade installation Spiral (Batch 3)	30	18-Jan-20	25-Feb-20	0%																			
OP.15050	L2 Metal Ballustrade installation P4 P5 General Access Zig Zag stairs formation	24	18-Jan-20	18-Feb-20	0%																			
Level 3																								
AB.BAL.1230	L3 Metal Ballustrade installation Zone A (Batch 2)	30	18-Jan-20	25-Feb-20	0%																			
AB.BAL.1240	L3 Metal Ballustrade installation Spiral (Batch 3)	30	18-Jan-20	25-Feb-20	0%																			
AB.BAL.1300	L3 Metal Ballustrade installation Zone B (Batch 2)	30	18-Jan-20	25-Feb-20	0%																			
Ride Platform																								
OP.3170	P3 Platform and Walkway and Railing	28	10-Dec-19	14-Jan-20	0%																			
OP.3150	P1 Platform and walkway Railing	28	16-Dec-19	21-Jan-20	0%																			
OP.3160	P2 and Platform level Platform and walkway Railing	28	07-Jan-20	11-Feb-20	0%																			
OP.3220	P3 Platform glass balustrade	21	15-Jan-20	11-Feb-20	0%																			
OP.4010	Platform slab Ballustrade (Zone2)	30	18-Jan-20	25-Feb-20	0%																			
Seafront																								
OP.3200	Demolish and reinstate Parapet and construct kerb (remaining)	36	30-Sep-19	12-Nov-19	0%																			
OP.3190	Seafront Balustrade	28	13-Nov-19	14-Dec-19	0%																			
Signage																								
Basemet Signage																								
OP.3790	Basement Level Signage installation	30	16-Sep-19 A	29-Oct-19	20%																			
Level 1 Signage																								
OP.3780	Level 1 Signage installation	30	16-Sep-19 A	29-Oct-19	20%																			
Level 2 Signage																								
OP.3770	Level 2 Signage installation	30	18-Jan-20	25-Feb-20	0%																			
Internal North Cladding Wall																								
OP.14110	Confirmation of Internal wall system North Cladding Wall GL.20-28 (Item 24)	0		30-Sep-19*	0%																			
OP.14130	Procure Internal wall system North Cladding Wall GL.20-28	40	30-Sep-19	16-Nov-19	0%																			
OP.14120	Internal wall system North Cladding Wall GL.20-28	65	18-Nov-19	07-Feb-20	0%																			
SHUM WAN ROAD (Area A4)																								
Utilities																								
Water Meter room																								
Structure																								
EW.UTWM1020	Water Meter Room: Watermain-Construct incorning water trough	12	30-Sep-19	15-Oct-19	0%																			
Building services																								
EM.IN012001	BS Installation - 1st fix - New Master Water Meter Rm	20	16-Oct-19	07-Nov-19	0%																			
EM.IN012000	BS Access to New Master Water Meter Rm	0	16-Oct-19		0%																			
EM.IN012002	BS Installation - 2nd fix - New Master Water Meter Rm	20	28-Oct-19	19-Nov-19	0%																			
EM.IN012003	BS Installation - Final Fix - New Master Water Meter Rm	10	20-Nov-19	30-Nov-19	0%																			
Fit out works																								
EW.UTWM1000	Watermain-Fit out meter room	10	02-Dec-19	12-Dec-19	0%																			
Landscaping																								
OP.100	Watermain- Landscaping and make good	6	27-Dec-19	03-Jan-20	0%																			
Water Main																								
EW.UTWM2010	Final Connection	14	16-Oct-19	31-Oct-19	0%																			
Road Works Shum Wan Road																								

■ critical level of effort ■ Critical Remaining Work
■ Current
◆ Milestone ◆ Milestone
■ % Complete

Project: Ocean Park Tai Shue Wan Water World Project
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Date	Revision	Checked	Appro...
01-Apr-19	3M rolling		
01-May-19	3M rolling		
01-Jun-19	3M rolling		
01-Jul-19	3M rolling		

ID	Activity	Duration	Start	Finish	Activity % Complete	Sort G	September 28				October 29				November 30				December 31							
							02	09	16	23	30	07	14	21	28	04	11	18	25	02	09	16	23	30		
OP.11740	Complete roadworks at Water meter room	10	13-Dec-19	24-Dec-19	0%																					
SHUM WAN ROAD (WA.A2 & A3B)																										
Roadworks																										
Works Area A2 - West Entrance Zone																										
EW.RWA2.2110	Roadworks (WA.A2-S) - Sub-base / Road Base	24	25-Oct-19	21-Nov-19	0%																					
EW.RWA2.2120	Roadworks (WA.A2-S) - Base Course / Wearing Course	10	22-Nov-19	03-Dec-19	0%																					
EW.RWA2.2130	Roadworks (WA.A2-S) - Concrete Kerb & Backing	8	04-Dec-19	12-Dec-19	0%																					
EW.RWA2.2140	Roadworks (WA.A2-S) - Pre-cast Concrete Paving Blocks	10	13-Dec-19	24-Dec-19	0%																					
EVA ROAD (WA.A1)																										
Site Formation Work																										
SF.EVA2.1130	Site clearance (Remove Tree nursery and rebar yard)	12	30-Sep-19*	15-Oct-19	0%																					
SF.EVA2.1140	Remove TC-5	6	18-Nov-19	23-Nov-19	0%																					
SF.EVA2.1110	Backfill to underside of retaining wall (+7.6mPD and +7.9mPD) Bays 1-4	30	25-Nov-19	31-Dec-19	0%																					
SF.EVA2.1120	Backfill to underside retaining wall (+9.0mPD) Bays 5-6	12	02-Jan-20	15-Jan-20	0%																					
Retaining Wall																										
Bays 1-4																										
EW.TWA2.1110	Retaining Wall - Construct Retaining Wall Bay 1	12	02-Jan-20	15-Jan-20	0%																					
EW.TWA2.1115	Retaining Wall - Construct Retaining Wall Bay 2	12	16-Jan-20	01-Feb-20	0%																					
Bays 5-6																										
EW.TWA2.1130	Retaining Wall - Construct Retaining Wall Bay 5	12	16-Jan-20	01-Feb-20	0%																					
Fire Services																										
OP.14370	Instruct Test & Repair Incoming FS pipe along seawall damaged by typhoon previously	0		30-Sep-19*	0%																					
OP.14380	Procure FS Pipe	18	30-Sep-19	22-Oct-19	0%																					
OP.14360	FS Pipe Reinstatement	45	23-Oct-19	13-Dec-19	0%																					
LANDSCAPING WORKS																										
Hard Landscaping																										
Level 1																										
OP.LHL.1110	L1: Irrigation Works	50	25-Oct-19	21-Dec-19	0%																					
OP.LHL.1120	L1: Concrete Paver Type 1-5	60	12-Nov-19	23-Jan-20	0%																					
OP.LHL.1130	L1: Stone Resin Type 2 & 4	60	29-Nov-19	13-Feb-20	0%																					
OP.LHL.1140	L1: Blue Paving	60	17-Dec-19	02-Mar-20	0%																					
OP.LHL.1150	L1: Granite	60	07-Jan-20	19-Mar-20	0%																					
OP.LHL.1160	L1: Timber Deck	60	24-Jan-20	07-Apr-20	0%																					
Level 2																										
OP.LHL.2110	L2: Irrigation Works	50	29-Nov-19	01-Feb-20	0%																					
OP.LHL.2120	L2: Stone Resin Type 1-4	60	17-Dec-19	02-Mar-20	0%																					
OP.LHL.2130	L2: Timber Deck	60	07-Jan-20	19-Mar-20	0%																					
Level 3																										
OP.LHL.3110	L3: Irrigation Works	50	07-Jan-20	07-Mar-20	0%																					
OP.LHL.3120	L3: Stone Resin Type 1-3	60	24-Jan-20	07-Apr-20	0%																					
Soft Landscaping																										
Level 1																										
LW.L1SL.1110	L1: Soil Fill	30	25-Oct-19	28-Nov-19	0%																					
LW.L1SL.1120	L1: Shrub Planting	60	06-Nov-19	17-Jan-20	0%																					
LW.L1SL.1130	L1: Tree Planting	90	11-Dec-19	31-Mar-20	0%																					
LW.L1SL.1140	L1: Wood Mix - Matrix C (Exposed Area)	90	18-Jan-20	12-May-20	0%																					
Level 2																										
LW.L2SL.2110	L2: Soil Fill	30	22-Nov-19	28-Dec-19	0%																					
LW.L2SL.2120	L2: Shrub Planting	60	10-Dec-19	24-Feb-20	0%																					
LW.L2SL.2130	L2: Tree Planting	60	17-Jan-20	30-Mar-20	0%																					
Level 3																										
LW.L3SL.3110	L3: Soil Fill	30	20-Dec-19	30-Jan-20	0%																					
LW.L3SL.3120	L3: Shrub Planting	60	10-Jan-20	23-Mar-20	0%																					
Roof																										
LW.RLSL.4120	RL: Shrub Planting	60	08-Jan-20	20-Mar-20	0%																					
LW.RLSL.4130	RL: Tree Planting	85	08-Jan-20	23-Apr-20	0%																					
Roof - Shell A																										
LW.RLSL.4110	RL: Soil Fill	60	30-Sep-19*	10-Dec-19	0%																					
Roof - Shell B																										
LW.RLSL.4140	RL: Soil Fill	51	30-Sep-19	29-Nov-19	0%																					
Roof - Shell C																										
LW.RLSL.4150	RL: Soil Fill	66	30-Sep-19	17-Dec-19	0%																					
E&M																										
Diversion and Changeover																										
EM.IN026000	Diversion of existing system	30	19-Oct-19	22-Nov-19	0%																					
BS.DC.SUM250	Diversion and Changeover	55	19-Oct-19	21-Dec-19	0%																					

- critical level of effort
- Current
- Milestone
- Milestone
- % Complete

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Date	Revision	Checked	Appro...
01-Apr-19	3M rolling		
01-May-19	3M rolling		
01-Jun-19	3M rolling		
01-Jul-19	3M rolling		

ID	Activity	Duration	Start	Finish	Activity % Complete	Sort G	September				October				November				December					
							02	09	16	23	30	07	14	21	28	04	11	18	25	02	09	16	23	30
EM.IN026001	Dismantled and Disposed of existing abandoned system	25	23-Nov-19	21-Dec-19	0%																			
Basement Level																								
BS.BL.SUM190	FS pipe routing at Basement level (Item 32)	0		30-Sep-19*	0%																			
OP.14410	Cold Room 013 -BS Installation – Essential to FSI	18	04-Jan-20	24-Jan-20	0%																			
Pool Filtration Rooms																								
EM.IN021042	C011 Testing and Commissioning	50	05-Oct-19	04-Dec-19	0%																			
Water Pump Rooms																								
EM.IN021059	E&M Interface to Water Feature WF1.8	10	30-Sep-19	12-Oct-19	0%																			
Level 1-1																								
LV Main Switch Room (Supplied by East & West Substations)																								
EM.IN022015	BS Installation - Main cabling works to L2	40	31-Aug-19 A	19-Oct-19	60%																			
EM.IN022016	BS Installation - Main cabling works to L3	30	30-Sep-19	05-Nov-19	0%																			
LV Main Switch Room (Supplied by South Substation)																								
EM.IN022026	BS Installation - Cabling works to L3	30	30-Sep-19	05-Nov-19	0%																			
Area affected by Catwalk-below Accoustic ceiling																								
OP.7600	BS Installation -2nd fix- Non Essential to FSI	30	23-Sep-19 A	30-Oct-19	20%																			
OP.7620	BS Installation -2nd fix- Essential to FSI	30	23-Sep-19 A	30-Oct-19	20%																			
OP.7610	BS Installation -Final fix- Non Essential to FSI	10	31-Oct-19	11-Nov-19	0%																			
OP.7630	BS Installation -Final fix- Essential to FSI	10	31-Oct-19	11-Nov-19	0%																			
Level 1																								
L1 Areas																								
EM.IN220081	BS Installation - Final fix - Essential for FSI - L1 (100%)	25	31-Aug-19 A	10-Oct-19	70%																			
Level 2																								
Pool Filtration Rooms																								
Level 2																								
Area 1																								
Zone A																								
OP.12990	Zone A: BS Installation: Pump Rm 202,	24	01-Sep-19 A	03-Oct-19	90%																			
Zone C																								
OP.12760	Zone C: BS Installation: Pump Rm 213	24	13-Sep-19 A	10-Oct-19	70%																			
Area 2																								
Zone F-1																								
OP.12960	Zone F-1: BS Installation Pump Rm 210	24	16-Sep-19 A	15-Oct-19	50%																			
Zone E																								
OP.12850	Zone E: BS Installation Pump Rm 215	24	07-Sep-19 A	08-Oct-19	75%																			
Area 3																								
Zone N																								
OP.12950	Zone N: BS Installation Pump Rm246	24	23-Oct-19	19-Nov-19	0%																			
L2 Areas (L2-L3)																								
EM.IN0230022	BS Installation - 2nd fix - Essential for FSI - L2 (50%)	25	31-Aug-19 A	08-Oct-19	75%																			
EM.IN0230042	BS Installation - 2nd fix - Non-Essential for FSI - L2 (50%)	25	31-Aug-19 A	08-Oct-19	75%																			
EM.IN0230023	BS Installation - 2nd fix - Essential for FSI - L2 (75%)	25	10-Sep-19 A	08-Oct-19	75%																			
EM.IN0230043	BS Installation - 2nd fix - Non-Essential for FSI - L2 (75%)	25	10-Sep-19 A	08-Oct-19	75%																			
EM.IN0230024	BS Installation - 2nd fix - Essential for FSI - L2 (100%)	25	17-Sep-19 A	16-Oct-19	50%																			
EM.IN0230044	BS Installation - 2nd fix - Non-Essential for FSI - L2 (100%)	25	17-Sep-19 A	16-Oct-19	50%																			
EM.IN0230014	BS Installation - 1st fix - L2 (100%)	30	14-Oct-19	18-Nov-19	0%																			
EM.IN023006	BS Installation - Air Binnades Installation - L2	20	13-Nov-19	06-Dec-19	0%																			
Level 2 Secondary Slab (M&E Service Zones)																								
Area 1																								
OP.7710	L2 secondary -Area 1:BS Installation - Non Essential to FSI	28	30-Oct-19	30-Nov-19	0%																			
OP.7720	L2 secondary -Area 1:BS Installation – Essential to FSI	28	30-Oct-19	30-Nov-19	0%																			
Area 2																								
OP.7750	L2 secondary -Area 2:BS Installation - Non Essential to FSI	72	31-Aug-19 A	26-Nov-19	33%																			
OP.7760	L2 secondary -Area 2:BS Installation – Essential to FSI	72	31-Aug-19 A	26-Nov-19	33%																			
Area 3																								
OP.7780	L2 secondary -Area 3:BS Installation - Non Essential to FSI	72	13-Nov-19	12-Feb-20	0%																			
OP.7790	L2 secondary -Area 3:BS Installation – Essential to FSI	72	13-Nov-19	12-Feb-20	0%																			
Area 7																								
OP.7900	L2 secondary -Area 7:BS Installation - Non Essential to FSI	72	31-Aug-19 A	26-Nov-19	60%																			
OP.7910	L2 secondary -Area 7:BS Installation – Essential to FSI	72	31-Aug-19 A	26-Nov-19	60%																			
Area 6																								
OP.7870	L2 secondary -Area 6:BS Installation - Non Essential to FSI	72	31-Aug-19 A	26-Nov-19	70%																			
OP.7880	L2 secondary -Area 6:BS Installation – Essential to FSI	72	31-Aug-19 A	26-Nov-19	70%																			
Area 4																								
OP.7810	L2 secondary -Area 4:BS Installation - Non Essential to FSI	72	31-Aug-19 A	26-Nov-19	45%																			
OP.7820	L2 secondary -Area 4:BS Installation – Essential to FSI	72	03-Sep-19 A	26-Nov-19	45%																			
Area 5																								

- █ critical level of effort
- █ Critical Remaining Work
- Current
- ◆ Milestone
- ▼ Milestone
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Date	Revision	Checked	Appro...
01-Apr-19	3M rolling		
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ID	Activity	Duration	Start	Finish	Activity % Complete	Sort G	September				October				November				December							
							02	09	16	23	30	07	14	21	28	04	11	18	25	02	09	16	23	30		
OP.7840	L2 secondary -Area 5:BS Installation - Non Essential to FSI	72	01-Sep-19 A	27-Nov-19	32%		L2 secondary -Area 5:BS Installation - Non Essential to FSI																			
OP.7850	L2 secondary -Area 5:BS Installation - Essential to FSI	72	01-Sep-19 A	27-Nov-19	32%		L2 secondary -Area 5:BS Installation - Essential to FSI																			
Area 8																										
OP.7930	L2 secondary -Area 8:BS Installation - Non Essential to FSI	72	31-Aug-19 A	26-Nov-19	75%		L2 secondary -Area 8:BS Installation - Non Essential to FSI																			
OP.7940	L2 secondary -Area 8:BS Installation - Essential to FSI	72	31-Aug-19 A	26-Nov-19	75%		L2 secondary -Area 8:BS Installation - Essential to FSI																			
Electrical Rooms																										
Level 2																										
Area 1																										
Zone A																										
OP.13400	Zone A: BS Installation: Switch Rm 201,	18	10-Sep-19 A	08-Oct-19	65%		Zone A: BS Installation: Switch Rm 201,																			
Area 2																										
Zone F																										
OP.13310	Zone F: BS Installation: ELV Rm 212, Elec Rm 211	18	12-Sep-19 A	04-Oct-19	75%		Zone F: BS Installation: ELV Rm 212, Elec Rm 211																			
Area 5																										
Zone T																										
OP.13360	Zone T: BS Installation: - ELV Rm 236, Elec rm 237,	18	12-Sep-19 A	04-Oct-19	75%		Zone T: BS Installation: - ELV Rm 236, Elec rm 237,																			
Toilet/ Changing Room																										
Level 2																										
Area 3																										
Zone J																										
OP.13150	Zone J: BS Installation: - W.C. Rm -222,221,224,225a,225b,223a	72	18-Sep-19 A	12-Dec-19	15%		Zone J: BS Installation: - W.C. Rm -222,221,224,225a,225b,223a																			
Area 5																										
Zone T																										
OP.13180	Zone T: BS Installation: -W.C. Rm -235,233,238,234	60	30-Sep-19	10-Dec-19	0%		Zone T: BS Installation: -W.C. Rm -235,233,238,234																			
Level 2M																										
Area 6																										
OP.13410	Area 6: BS Installation:- W.C. Rm -274,275,276,277,	72	31-Aug-19 A	26-Nov-19	65%		Area 6: BS Installation:- W.C. Rm -274,275,276,277,																			
Pool A - Outdoor Wave Pool																										
EM.IN023061	Pool A Lighting Installation - 2nd fix	12	15-Sep-19 A	08-Oct-19	50%		Pool A Lighting Installation - 2nd fix																			
EM.IN023062	Pool A Lighting Installation - Final fix	8	09-Oct-19	17-Oct-19	0%		Pool A Lighting Installation - Final fix																			
Pool C - Indoor River Pool (Lazy River)																										
EM.IN023080	Pool C Lighting Installation - 1st fix	50	30-Sep-19	28-Nov-19	0%		Pool C Lighting Installation - 1st fix																			
EM.IN023081	Pool C Lighting Installation - 2nd fix	15	29-Nov-19	16-Dec-19	0%		Pool C Lighting Installation - 2nd fix																			
Pool B - Outdoor River Pool (Crazy River)																										
EM.IN023070	Pool B Lighting Installation - 1st fix	40	30-Sep-19	16-Nov-19	0%		Pool B Lighting Installation - 1st fix																			
EM.IN023071	Pool B Lighting Installation - 2nd fix	15	18-Nov-19	04-Dec-19	0%		Pool B Lighting Installation - 2nd fix																			
EM.IN023072	Pool B Lighting Installation - Final fix	8	09-Jan-20	17-Jan-20	0%		Pool B Lighting Installation - Final fix																			
Pool D - Plunge Pool P1																										
EM.IN023091	Pool D Lighting Installation - 2nd fix	12	20-Sep-19 A	04-Oct-19	67%		Pool D Lighting Installation - 2nd fix																			
EM.IN023092	Pool D Lighting Installation - Final fix	8	28-Oct-19	05-Nov-19	0%		Pool D Lighting Installation - Final fix																			
Pool E - Plunge Pool P3																										
EM.IN023100	Pool E Lighting Installation - 1st fix	20	30-Sep-19	24-Oct-19	0%		Pool E Lighting Installation - 1st fix																			
EM.IN023101	Pool E Lighting Installation - 2nd fix	12	13-Nov-19	27-Nov-19	0%		Pool E Lighting Installation - 2nd fix																			
Pool F - Plunge Pool P5																										
EM.IN023110	Pool F Lighting Installation - 1st fix	24	30-Sep-19	29-Oct-19	0%		Pool F Lighting Installation - 1st fix																			
EM.IN023111	Pool F Lighting Installation - 2nd fix	12	30-Oct-19	12-Nov-19	0%		Pool F Lighting Installation - 2nd fix																			
EM.IN023112	Pool F Lighting Installation - Final fix	8	13-Nov-19	21-Nov-19	0%		Pool F Lighting Installation - Final fix																			
Pool R - Surf Rider																										
EM.IN023130	Pool R Lighting Installation - 1st fix	26	30-Sep-19	31-Oct-19	0%		Pool R Lighting Installation - 1st fix																			
Level 3 to Roof																										
L3 to Roof Areas																										
EM.IN024005	BS Installation - Final fix - Non-Essential for FSI - L3 to Roof	30	11-Sep-19 A	18-Oct-19	50%		BS Installation - Final fix - Non-Essential for FSI - L3 to Roof																			
EM.IN0240042	BS Installation - 2nd fix - Non-Essential for FSI - L3 to Roof (100%)	30	11-Sep-19 A	18-Oct-19	50%		BS Installation - 2nd fix - Non-Essential for FSI - L3 to Roof (100%)																			
EM.IN024006	BS Installation - Air Binnades Installation - L3 to Roof	15	18-Dec-19	08-Jan-20	0%		BS Installation - Air Binnades Installation - L3 to Roof																			
E&M above stage																										
OP.4310	BS Installation Essential for FSI (including T&C) -Above Pool H Stage top slab	50	31-Aug-19 A	31-Oct-19	50%		BS Installation Essential for FSI (including T&C) -Above Pool H Stage top slab																			
Level 3 Secondary Slab-1 (M&E Service Zones)																										
OP.15180	E&MAccess	0		30-Sep-19	0%		E&MAccess																			
Area 1 Roof A																										
OP.12380	L3 secondary -Area 1:BS Installation - Non Essential to FSI	72	30-Sep-19	24-Dec-19	0%		L3 secondary -Area 1:BS Installation - Non Essential to FSI																			
OP.12390	L3 secondary -Area 1:BS Installation - Essential to FSI	72	30-Sep-19	24-Dec-19	0%		L3 secondary -Area 1:BS Installation - Essential to FSI																			
Area 2 Roof A																										
OP.12400	L3 secondary -Area 1:BS Installation - Non Essential to FSI	72	16-Sep-19 A	17-Dec-19	10%		L3 secondary -Area 1:BS Installation - Non Essential to FSI																			
OP.12410	L3 secondary -Area 1:BS Installation - Essential to FSI	72	17-Sep-19 A	17-Dec-19	10%		L3 secondary -Area 1:BS Installation - Essential to FSI																			
Area 3 Roof A																										
OP.12420	L3 secondary -Area 1:BS Installation - Non Essential to FSI	72	30-Sep-19	24-Dec-19	0%		L3 secondary -Area 1:BS Installation - Non Essential to FSI																			
OP.12430	L3 secondary -Area 1:BS Installation - Essential to FSI	72	30-Sep-19	24-Dec-19	0%		L3 secondary -Area 1:BS Installation - Essential to FSI																			
Area 4 Roof A																										

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01-Apr-19	3M rolling		
01-May-19	3M rolling		
01-Jun-19	3M rolling		
01-Jul-19	3M rolling		

ID	Activity	Duration	Start	Finish	Activity % Complete	Sort G	September				October				November				December			
							28				29				30				31			
							02	09	16	23	30	07	14	21	28	04	11	18	25	02	09	16
OP.12440	L3 secondary -Area 1:BS Installation - Non Essential to FSI	72	30-Sep-19	24-Dec-19	0%																	
OP.12450	L3 secondary -Area 1:BS Installation - Essential to FSI	72	30-Sep-19	24-Dec-19	0%																	
Area 5 Roof A																						
OP.12460	L3 secondary -Area 1:BS Installation - Non Essential to FSI	72	30-Sep-19	24-Dec-19	0%																	
OP.12470	L3 secondary -Area 1:BS Installation - Essential to FSI	72	30-Sep-19	24-Dec-19	0%																	
Area 6 Roof A																						
OP.12480	L3 secondary -Area 1:BS Installation - Non Essential to FSI	72	08-Oct-19	02-Jan-20	0%																	
OP.12490	L3 secondary -Area 1:BS Installation - Essential to FSI	72	08-Oct-19	02-Jan-20	0%																	
Area 7 Roof A																						
OP.12500	L3 secondary -Area 1:BS Installation - Non Essential to FSI	72	19-Oct-19	15-Jan-20	0%																	
OP.12510	L3 secondary -Area 1:BS Installation - Essential to FSI	72	19-Oct-19	15-Jan-20	0%																	
Area 1 Roof C																						
OP.12520	L3 secondary -Area 1:BS Installation - Non Essential to FSI	72	06-Nov-19	05-Feb-20	0%																	
OP.12530	L3 secondary -Area 1:BS Installation - Essential to FSI	72	06-Nov-19	05-Feb-20	0%																	
Area 2 Roof C																						
OP.12540	L3 secondary -Area 2:BS Installation - Non Essential to FSI	72	12-Oct-19	07-Jan-20	0%																	
OP.12550	L3 secondary -Area 2:BS Installation - Essential to FSI	72	12-Oct-19	07-Jan-20	0%																	
Area 8 Roof A (external)																						
OP.12560	L3 secondary -Area 1:BS Installation - Non Essential to FSI	72	08-Oct-19	02-Jan-20	0%																	
OP.12570	L3 secondary -Area 1:BS Installation - Essential to FSI	72	08-Oct-19	02-Jan-20	0%																	
Toilet/ Changing Room																						
Level 3																						
Area 6																						
OP.13440	Area 6 BS Installation : - W.C. Rm -304,303,305,306,307,309,312	72	23-Oct-19	17-Jan-20	0%																	
Pool H - Indoor Wave Pool																						
EM.IN024050	Pool H Lighting Installation - 1st fix	40	30-Sep-19	16-Nov-19	0%																	
EM.IN024051	Pool H Lighting Installation - 2nd fix	12	18-Nov-19	30-Nov-19	0%																	
EM.IN024052	Pool H Lighting Installation - Final fix	8	24-Jan-20	05-Feb-20	0%																	
Pool K - Toddlers Pool																						
EM.IN024060	Pool K Lighting Installation - 1st fix	25	30-Sep-19	30-Oct-19	0%																	
EM.IN024061	Pool K Lighting Installation - 2nd fix	10	06-Nov-19	18-Nov-19	0%																	
EM.IN024062	Pool K Lighting Installation - Final fix	8	18-Jan-20	31-Jan-20	0%																	
Pool L - Play Structure																						
EM.IN024070	Pool L Lighting Installation - 1st fix	24	30-Sep-19	29-Oct-19	0%																	
EM.IN024071	Pool L Lighting Installation - 2nd fix	10	30-Oct-19	09-Nov-19	0%																	
EM.IN024072	Pool L Lighting Installation - Final fix	8	04-Jan-20	14-Jan-20	0%																	
Pool S - Spa Pool																						
EM.IN024081	Pool S Lighting Installation - 2nd fix	8	04-Nov-19	12-Nov-19	0%																	
EM.IN024082	Pool S Lighting Installation - Final fix	8	29-Jan-20	07-Feb-20	0%																	
Cooling Tower																						
OP.15120	Final plumbing connection to cooling tower	24	30-Sep-19*	29-Oct-19	0%																	
Filtration (C011)																						
Procurement																						
OP.11660	Procurement P4 P5	72	07-Sep-19 A	03-Dec-19	25%																	
OP.11650	Procurement P1 P2 P3	72	30-Sep-19	24-Dec-19	0%																	
OP.11680	Materials on site P4 P5	0		03-Dec-19	0%																	
OP.11670	Materials on site P1 P2 P3	0		24-Dec-19	0%																	
Plant rooms																						
Level 3																						
OP.15840	Room 318	40	16-Oct-19	30-Nov-19*	0%																	
Level 2																						
OP.11110	Pump Room 245 246	36	20-Nov-19	03-Jan-20	0%																	
Pool Plant Rooms																						
OP.15720	Pool C Pool to plant room completion	0		30-Sep-19*	0%																	
OP.15740	Pool D Pool to plant room completion	0		30-Sep-19*	0%																	
OP.15700	Pool A Pool to plant room completion	0		09-Oct-19*	0%																	
OP.15790	Pool B Pool to plant room completion	0		15-Oct-19*	0%																	
OP.15760	Pool E Pool to plant room completion	0		15-Nov-19*	0%																	
OP.15770	Pool H Pool to plant room completion	0		30-Nov-19*	0%																	
OP.15810	Pool K Pool to plant room completion	0		30-Nov-19*	0%																	
Pipework Plant Rooms to Pool																						
OP.16180	Pool E Plant room to pool	80	30-Sep-19	06-Jan-20*	0%																	
OP.16190	Pool H Plant room to pool	80	30-Sep-19	06-Jan-20*	0%																	
OP.16200	Pool B Plant room to pool	80	30-Sep-19	06-Jan-20*	0%																	
OP.16210	Pool S Plant room to pool	80	30-Sep-19	06-Jan-20*	0%																	
OP.16220	Pool K Plant room to pool	80	30-Sep-19	06-Jan-20*	0%																	
OP.16140	Pool L Plant room to pool	80	04-Dec-19	13-Mar-20*	0%																	
OP.16160	Pool D Plant room to pool	80	17-Jan-20	28-Apr-20*	0%																	

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01-Apr-19	3M rolling		
01-May-19	3M rolling		
01-Jun-19	3M rolling		
01-Jul-19	3M rolling		

ID	Activity	Duration	Start	Finish	Activity % Complete	Sort G	September				October				November				December								
							28		23		29		28		30		31		31								
							02	09	16	23	30	07	14	21	28	04	11	18	25	02	09	16	23				
Level 2 Secondary Slab																											
Area 1 (A-External)																											
Zone A																											
OP.11420	Zone A: Install PE Filtration Pipes Pool D	24	21-Sep-19 A	21-Oct-19	30%																						
Zone B																											
OP.11340	Zone B: Install PE Filtration Pipes Pool B	48	31-Aug-19 A	29-Oct-19	50%																						
Zone C																											
OP.11430	Zone C: Install PE Filtration Pipes	36	21-Sep-19 A	04-Nov-19	20%																						
Zone D																											
OP.11440	Zone D: Install PE Filtration Pipes	18	30-Sep-19	22-Oct-19	0%																						
Area 2 (A-Internal)																											
Zone F																											
OP.11450	Zone F: Install PE Filtration Pipes	18	21-Sep-19 A	14-Oct-19	38%																						
Area 3 (A-Internal)																											
Zone J																											
OP.11490	Zone J: Install PE Filtration Pipes	24	30-Sep-19	29-Oct-19	0%																						
Zone K																											
OP.11300	Zone K: Install PE Filtration Pipes Pool C	24	07-Sep-19 A	08-Oct-19	75%																						
Zone L																											
OP.11400	Zone L: Install PE Pipes Surge Tank	18	13-Nov-19	04-Dec-19	0%																						
Zone M																											
OP.11410	Zone M: Install PE Filtration Pipes	24	30-Sep-19	29-Oct-19	0%																						
Zone N																											
OP.11390	Zone N: Install PE Filtration Pipes	42	05-Oct-19	23-Nov-19	0%																						
Area 4 (A-Internal)																											
Zone P																											
OP.11320	Zone P: Install PE Filtration Pipes Pool C	24	06-Sep-19 A	05-Oct-19	80%																						
Zone Q																											
OP.11310	Zone Q: Install PE Filtration Pipes Pool C	28	16-Sep-19 A	17-Oct-19	50%																						
Zone R																											
OP.11370	Zone R: Install PE Filtration Pipes	18	26-Oct-19	15-Nov-19	0%																						
Zone S																											
OP.11380	Zone S: Install PE Filtration Pipes Plunge Pool E	18	23-Sep-19 A	15-Oct-19	35%																						
Level 3 Secondary Slab																											
Area 1 Roof A																											
OP.11540	Install PE Filtration Pipes Pool H	24	23-Sep-19 A	22-Oct-19	25%																						
Area 2 Roof A																											
OP.11550	Install PE Filtration Pipes Pool H	24	30-Sep-19	29-Oct-19	0%																						
Area 3 Roof A																											
OP.11560	Install PE Filtration Pipes Pool H	24	30-Sep-19	29-Oct-19	0%																						
Area 4 Roof A																											
OP.11570	Install PE Filtration Pipes Pool H	24	30-Sep-19	29-Oct-19	0%																						
Area 5 Roof A																											
OP.11580	Install PE Filtration Pipes Pool H	24	30-Sep-19	29-Oct-19	0%																						
Area 6 Roof A																											
OP.11590	Install PE Filtration Pipes Pool H	24	20-Sep-19 A	22-Oct-19	25%																						
Area 7 Roof A																											
OP.11600	Install PE Filtration Pipes Pool H	24	19-Oct-19	16-Nov-19	0%																						
Area 1 Roof C																											
OP.11610	Install PE Filtration Pipes Pool L	42	06-Nov-19	27-Dec-19	0%																						
Area 2 Roof C																											
OP.11620	Install PE Filtration Pipes Pool K	42	16-Dec-19	10-Feb-20	0%																						
Outdoor Area																											
OP.11720	Install PE Filtration Pipes Pool S	36	16-Dec-19	03-Feb-20	0%																						
Rides																											
P1 Ride Filtration																											
OP.10060	P1 Ride Filtration system supports and footings	28	02-Jan-20	06-Feb-20	0%																						
P2 Ride Filtration																											
OP.10090	P2 Ride Filtration system supports and footings	28	18-Dec-19	23-Jan-20	0%																						
P3 Ride Filtration																											
OP.8280	P3 Ride Filtration system supports and footings	28	11-Oct-19	12-Nov-19	0%																						
OP.8270	P3 Ride Filtration system	120	27-Dec-19	26-May-20	0%																						
P4 Ride Filtration																											
OP.9520	P4 Ride Filtration system supports and footings	28	20-Jan-20	24-Feb-20	0%																						
P5 Ride Filtration																											
OP.9540	P5 Ride Filtration system supports and footings	28	20-Jan-20	24-Feb-20	0%																						

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01-Apr-19	3M rolling		
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01-Jun-19	3M rolling		
01-Jul-19	3M rolling		

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							02	09	16	23	30	07	14	21	28	04	11	18	25	02	09	16	23
NS.C009.1150	09-KD2 Target Complete lift installation	0		30-Sep-19	0%						▼												
Lift No.1 (Firemans Lift) Core 3																							
NS.C9L0.0110	Lift 1: Lift Works	58	30-Sep-19	07-Dec-19	0%						Lift 1: Lift Works												
AB.LW1.1220	Complete Lift 1 - Core Shell 3(including Level 3 secondary slab)	0		30-Sep-19*	0%						▼	Complete Lift 1 - Core Shell 3(including Level 3 secondary slab)											
NS.C9L0.0210	Lift 1: Testing & Commissioning Provide EMS D certificate	16	09-Dec-19	28-Dec-19	0%																		
Power on Date																							
ETP.AP.490	Sub circuit Power on	0		14-Jan-20	0%																		
Main Cabling Works																							
Level 3																							
OP.7680	Main Cabling Works Level 3	30	22-Sep-19 A	29-Oct-19	20%						Main Cabling Works Level 3												
TESTING AND COMMISIONING																							
New Water Park																							
EM.TC020002	Ready for Transformer & HV Power On	0		30-Sep-19	0%						▼	Ready for Transformer & HV Power On											
EM.SS010006	Submit WWO46 Part IV for FS	0		31-Oct-19	0%																		
EM.TC020003	Final T&C for Sub-Circuit Power On	23	15-Jan-20	13-Feb-20	0%																		
Pools Filtration system T&C																							
OP.15850	Pool A Filtration system T&C	72	28-Nov-19	26-Feb-20	0%																		
OP.15890	Pool F Filtration system T&C	72	03-Jan-20	30-Mar-20	0%																		
STATUTORY APPROVALS																							
Obtain OP																							
EM.SS20052	Submit WWO46 Part IV for External Supply	0		31-Oct-19	0%																		
EM.SS20062	WSD Inspection of Plumbing Installation	21	09-Nov-19	03-Dec-19	0%																		
EM.SS20082	Issuance of WW046 Part V for External Supply	0		03-Dec-19	0%																		
PPEL																							
PPEL MAIN BUILDING ONLY NO RIDES																							
EM.SS20382	Submission and process Form FEHD105 (MB NO RIDES)	14	02-Jan-20	18-Jan-20	0%																		

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