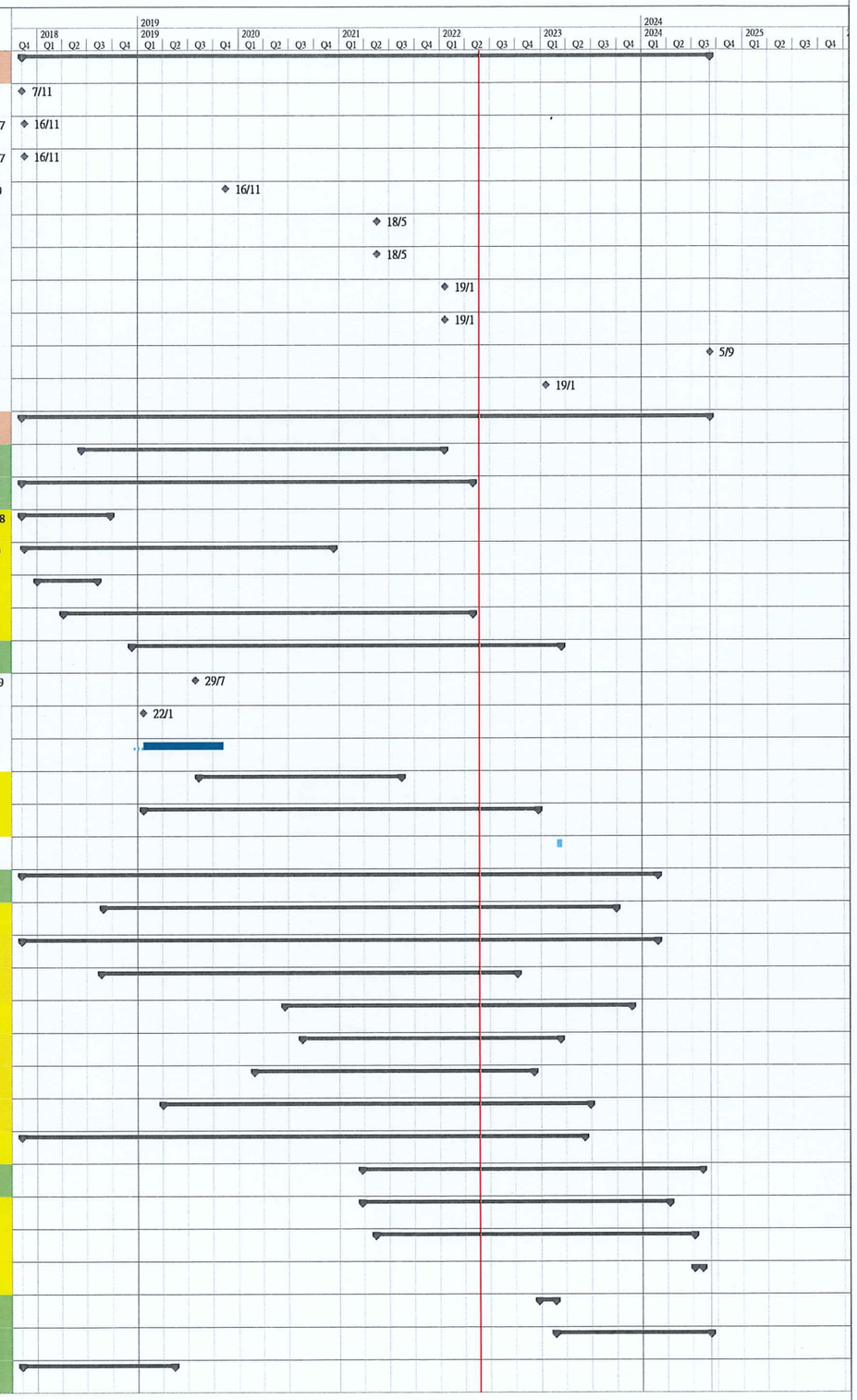
Project: Mainlaying in Tseung Kwan O

| ID | Task Name | Duration | Start | Finish | Task Calendar | Predecessors | Successors | % Complete | Actual Start | Actual Finish |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Key Dates | 2495 days | Tue 7/11/17 | Thu 5/9/24 | Calendar Day | | | 0% | Tue 7/11/17 | NA |
| 2 | Contract Date | 0 days | Tue 7/11/17 | Tue 7/11/17 | Calendar Day | | 67,59,60FS+27 days,61,62,58 | 100% | Tue 7/11/17 | Tue 7/11/17 |
| 3 | Starting Date | 0 days | Thu 16/11/17 | Thu 16/11/17 | Calendar Day | | 4,5FS+730 days,6FS+1279 days | 100% | Thu 16/11/17 | Thu 16/11/17 |
| 4 | Access Date of Portion A, B, C, D, E, F, G and J | 0 days | Thu 16/11/17 | Thu 16/11/17 | Calendar Day | 3 | 90,63,71,73,75,78,79 | 100% | Thu 16/11/17 | Thu 16/11/17 |
| 5 | Access Date of Portion H | 0 days | Sat 16/11/19 | Sat 16/11/19 | Calendar Day | 3FS+730 days | 110 | 100% | Sat 16/11/19 | Sat 16/11/19 |
| 6 | Completion Date (Contract) | 0 days | Tue 18/5/21 | Tue 18/5/21 | Calendar Day | 3FS+1279 days | 7 | 100% | Tue 18/5/21 | Tue 18/5/21 |
| 7 | EOT for CE No. 23 Inclement Weather - In June 2018 | 0 days | Tue 18/5/21 | Tue 18/5/21 | HK Working Day | 6 | 8 | 100% | Tue 18/5/21 | Tue 18/5/21 |
| 8 | EOT for CE No. 01 | 246 days | Wed 19/5/21 | Wed 19/1/22 | Calendar Day | 7 | 9FF | 0% | NA | NA |
| 9 | Revised Completion Date | 0 days | Wed 19/1/22 | Wed 19/1/22 | Calendar Day | 8FF | 11FS+365 days | 0% | NA | NA |
| 10 | Planned Completion | 0 days | Thu 5/9/24 | Thu 5/9/24 | Calendar Day | 12FF | | 0% | NA | NA |
| 11 | Defect Date | 0 days | Thu 19/1/23 | Thu 19/1/23 | Calendar Day | 9FS+365 days | | 0% | NA | NA |
| 12 | Mainlaying In Tseung Kwan O | 2495 days | Tue 7/11/17 | Thu 5/9/24 | Calendar Day | | 10FF | 77% | Tue 7/11/17 | NA |
| 13 | Issued Compensation Events (General) | 1316 days | Tue 12/6/18 | Tue 18/1/22 | Calendar Day | | | 100% | Tue 12/6/18 | Tue 18/1/22 |
| 56 | Preliminaries | 1636 days | Tue 7/11/17 | Sat 30/4/22 | Calendar Day | | | 100% | Tue 7/11/17 | Sat 30/4/22 |
| 57 | Submission and Permit Application | 322 days | Tue 7/11/17 | Mon 24/9/18 | Calendar Day | | | 100% | Tue 7/11/17 | Mon 24/9/18 |
| 69 | Subcontracting | 1122 days | Thu 16/11/17 | Fri 11/12/20 | Calendar Day | | | 100% | Thu 16/11/17 | Fri 11/12/20 |
| 88 | Site Establishment | 220 days | Tue 2/1/18 | Thu 9/8/18 | Calendar Day | | | 100% | Tue 2/1/18 | Thu 9/8/18 |
| 91 | Procurement of Major Material | 1485 days | Sat 7/4/18 | Sat 30/4/22 | Calendar Day | | | 100% | Sat 7/4/18 | Sat 30/4/22 |
| 101 | Mainlaying in Tseung Kwan O Area 137 (Portion H) | 1260 days | Tue 11/12/18 | Wed 15/3/23 | HK Working Day | | | 92% | Tue 11/12/18 | NA |
| 102 | Early Possession of Portion H | 0 days | Mon 29/7/19 | Mon 29/7/19 | Calendar Day | | | 100% | Mon 29/7/19 | Mon 29/7/19 |
| 103 | Issue Date of CE No. 07 -Water Supply to No. TKO Desalination Plant at Portion H (NS250 HDPE Pipe) | 0 days | Tue 22/1/19 | Tue 22/1/19 | Calendar Day | | 104 | 100% | Tue 22/1/19 | Tue 22/1/19 |
| 104 | Material Procurement and Delivery in Batches | 330 days | Tue 11/12/18 | Tue 5/11/19 | Calendar Day | 103 | | 100% | Tue 11/12/18 | Tue 5/11/19 |
| 105 | Open Cut Excavation, Pipe Laying and Reinstatement at TKO Area 137 | 597 days | Sat 10/8/19 | Sat 14/8/21 | HK Working Day | | 761 | 100% | Sat 10/8/19 | Sat 14/8/21 |
| 121 | Trenchless Works (DN1200 MS PIPE + NS250 HDPE PIPE) at TKO Area 137 | 1162 days | Tue 22/1/19 | Thu 22/12/22 | HK Working Day | | 784,762 | 83% | Tue 22/1/19 | NA |
| 164 | Final Connection of NS250 HDPE Pipe to Existing at Wan Po Road | 14 days | Tue 28/2/23 | Wed 15/3/23 | HK Working Day | 788 | | 0% | NA | NA |
| 165 | Mainlaying From Boundary of Tseung Kwan O Area 137 to TKO Fresh Water Service Reservoir (Portion I) | 1866 days | Tue 7/11/17 | Mon 26/2/24 | HK Working Day | | | 74% | Tue 7/11/17 | NA |
| 166 | Open Cut Excavation, Pipe Laying and Reinstatement at Wan Po Road | 1506 days | Thu 30/8/18 | Thu 28/9/23 | HK Working Day | | | 81% | Thu 30/8/18 | NA |
| 249 | Trenchless Work at Wan Po Road From Pit A to Pit F | 1866 days | Tue 7/11/17 | Mon 26/2/24 | HK Working Day | | | 56% | Tue 7/11/17 | NA |
| 368 | Open Cut Excavation, Pipe Laying and Reinstatement at TKO Landfill Stage 1 and TKO South Waterfront Promenade | 1221 days | Thu 23/8/18 | Fri 7/10/22 | HK Working Day | | | 91% | Thu 23/8/18 | NA |
| 413 | Water Mains Near Pung Loi Road (CH.FD0+00 - CH.A3+51) | 1020 days | Wed 17/6/20 | Thu 23/11/23 | HK Working Day | | | 60% | Wed 17/6/20 | NA |
| 436 | Water Mains near Pung Loi Road and Po Yap Road (CH.FE0+00 - CH.A3+58) | 758 days | Thu 20/8/20 | Sat 11/3/23 | HK Working Day | | 765 | 78% | Thu 20/8/20 | NA |
| 479 | Trenchless Work from Po Yap Road Roundabout to KMB Depot (Pit K to Pit L) (Pit O to Pit P) | 822 days | Fri 28/2/20 | Mon 5/12/22 | HK Working Day | | 765 | 55% | Fri 28/2/20 | NA |
| 517 | Trenchless Work from Po Yap Road Roundabout (Hong Kong Velodrome) | 1251 days | Tue 2/4/19 | Mon 26/6/23 | HK Working Day | | 765 | 80% | Tue 2/4/19 | NA |
| 583 | Water Mains from KMB Depot to TKO Fresh Water Preliminary Service Reservoir | 1649 days | Tue 7/11/17 | Mon 5/6/23 | HK Working Day | | | 80% | Tue 7/11/17 | NA |
| 759 | DN800 - CH.ADN1200 MS Pipe Static Pressure Test, Pipeline Cleaning, CCTV Inspection, Sterilization and Water Sampling | 1232 days | Wed 24/3/21 | Tue 6/8/24 | Calendar Day | | | 13% | Wed 24/3/21 | NA |
| 760 | Static Pressure Test | 1112 days | Wed 24/3/21 | Mon 8/4/24 | Calendar Day | | | 18% | Wed 24/3/21 | NA |
| 771 | Pipeline Cleaning and CCTV Inspection | 1153 days | Wed 12/5/21 | Sun 7/7/24 | Calendar Day | | | 10% | Wed 12/5/21 | NA |
| 781 | Sterilization and Water Sampling | 30 days | Mon 8/7/24 | Tue 6/8/24 | Calendar Day | | | 0% | NA | NA |
| 783 | NS250 HDPE Pipe Static Pressure, Pipeline Cleaning, CCTV Inspection, Sterilization and Water Sampling | 60 days | Fri 23/12/22 | Mon 20/2/23 | Calendar Day | | | 0% | NA | NA |
| 786 | Handover Portion I and Portion H to WSD Region | 563 days | Tue 21/2/23 | Thu 5/9/24 | Calendar Day | | | 0% | NA | NA |
| 789 | Water Supply to Tseung Kwan O Desalination Plant at Fill Bank of Tseung Kwan O Area 137 (Portion J) | 445 days | Tue 7/11/17 | Sat 11/5/19 | HK Working Day | | | 99% | Tue 7/11/17 | NA |

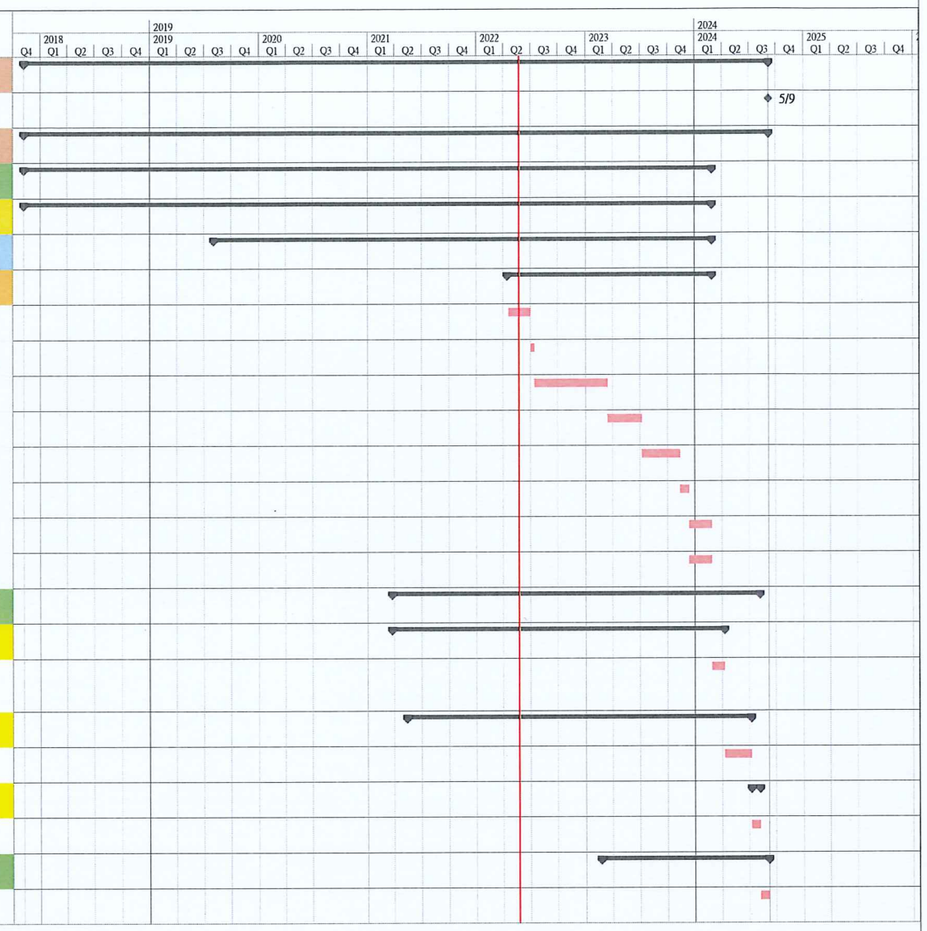



Working Programme No. 15
Data Date : 24 May 2022

Task | Split | Milestone | Summary | Project Summary | Inactive Task | Inactive Milestone | Inactive Summary | Manual Task | Duration-only | Manual Summary Rollup | Manual Summary | Start-only | Finish-only | External Tasks | External Milestone | Deadline | Critical | Critical Split | Progress | Manual Progress

Project: Mainlaying in Tseung Kwan O

| ID | Task Name | Duration | Start | Finish | Task Calendar | Predecessors | Successors | % Complete | Actual Start | Actual Finish |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Key Dates | 2495 days | Tue 7/11/17 | Thu 5/9/24 | Calendar Day | | | 0% | Tue 7/11/17 | NA |
| 10 | Planned Completion | 0 days | Thu 5/9/24 | Thu 5/9/24 | Calendar Day | 12FF | | 0% | NA | NA |
| 12 | Mainlaying In Tseung Kwan O | 2495 days | Tue 7/11/17 | Thu 5/9/24 | Calendar Day | | 10FF | 77% | Tue 7/11/17 | NA |
| 165 | Mainlaying From Boundary of Tseung Kwan O Area 137 to TKO Fresh Water Service Reservoir (Portion I) | 1866 days | Tue 7/11/17 | Mon 26/2/24 | HK Working Day | | | 74% | Tue 7/11/17 | NA |
| 249 | Trenchless Work at Wan Po Road From Pit A to Pit F | 1866 days | Tue 7/11/17 | Mon 26/2/24 | HK Working Day | | | 56% | Tue 7/11/17 | NA |
| 251 | Trenchless Works (Pit A to Pit D) | 1354 days | Fri 2/8/19 | Mon 26/2/24 | HK Working Day | | 763 | 51% | Fri 2/8/19 | NA |
| 273 | New Routing From Pit A to Pit D) | 553 days | Thu 14/4/22 | Mon 26/2/24 | HK Working Day | | | 0% | Thu 14/4/22 | NA |
| 275 | XP Application for WPR, SKR and Open Trench at Shek Kok Road | 60 days | Tue 19/4/22 | Thu 30/6/22 | HK Working Day | 274 | 278,279,286 | 0% | NA | NA |
| 279 | Trial Pit Excavation at Pit SKR | 10 days | Sat 2/7/22 | Wed 13/7/22 | HK Working Day | 275 | 288,285,284 | 0% | NA | NA |
| 284 | Pipe Laying (OC) from Pit SKR to Pit D (1st 200m) | 200 days | Thu 14/7/22 | Tue 14/3/23 | HK Working Day | 279 | 288 | 0% | NA | NA |
| 288 | Construction of Pit SKR | 90 days | Wed 15/3/23 | Thu 6/7/23 | HK Working Day | 279,284 | 290 | 0% | NA | NA |
| 290 | Headshield Tunneling fom Pit SKR to Pit WPR (64m) | 107 days | Fri 7/7/23 | Sat 11/11/23 | HK Working Day | 288 | 292 | 0% | NA | NA |
| 292 | MS Pipe Laying in Segment from Pit SKR to Pit WPR | 30 days | Sun 12/11/23 | Mon 11/12/23 | Calendar Day | 290 | 295,296 | 0% | NA | NA |
| 295 | Pipe Connection Works and construction of Inspoection Chamber at Pit WPR | 60 days | Tue 12/12/23 | Mon 26/2/24 | HK Working Day | 292,283 | | 0% | NA | NA |
| 296 | Pipe Connection Works and construction of Washout Chamber at Pit SKR | 60 days | Tue 12/12/23 | Mon 26/2/24 | HK Working Day | 292 | | 0% | NA | NA |
| 759 | DN800 - CH.ADN1200 MS Pipe Static Pressure Test, Pipeline Cleaning, CCTV Inspection, Sterilization and Water Sampling | 1232 days | Wed 24/3/21 | Tue 6/8/24 | Calendar Day | | | 13% | Wed 24/3/21 | NA |
| 760 | Static Pressure Test | 1112 days | Wed 24/3/21 | Mon 8/4/24 | Calendar Day | | | 18% | Wed 24/3/21 | NA |
| 763 | DN1200 MS Pipe - Static Pressure Test From DN900 Valve Chamber at Wan Po Road (CH.A12+50) to DN900 Valve Chamber at TKO Landfill Stage I Area A (CH.FB1+66) (Approx. 1.4km) | 42 days | Tue 27/2/24 | Mon 8/4/24 | Calendar Day | 224,251,306 | 774 | 0% | NA | NA |
| 771 | Pipeline Cleaning and CCTV Inspection | 1153 days | Wed 12/5/21 | Sun 7/7/24 | Calendar Day | | | 10% | Wed 12/5/21 | NA |
| 774 | DN1200 MS Pipe - Pipeline Cleaning and CCTV Inspection From DN900 Valve Chamber at Wan Po Road (CH.A12+50) to DN900 Valve Chamber at TKO Landfill Stage I Area A | 90 days | Tue 9/4/24 | Sun 7/7/24 | Calendar Day | 763 | 782 | 0% | NA | NA |
| 781 | Sterilization and Water Sampling | 30 days | Mon 8/7/24 | Tue 6/8/24 | Calendar Day | | | 0% | NA | NA |
| 782 | DN1200 MS Pipe - Portion I & Portion H (Total Water = 9700 cu.m) | 30 days | Mon 8/7/24 | Tue 6/8/24 | Calendar Day | 772,773,774,775,777,778,7 | 787 | 0% | NA | NA |
| 786 | Handover Portion I and Portion H to WSD Region | 563 days | Tue 21/2/23 | Thu 5/9/24 | Calendar Day | | | 0% | NA | NA |
| 787 | DN1200 MS Pipe - Portion I & Portion H (Area 137) | 30 days | Wed 7/8/24 | Thu 5/9/24 | Calendar Day | 782 | | 0% | NA | NA |

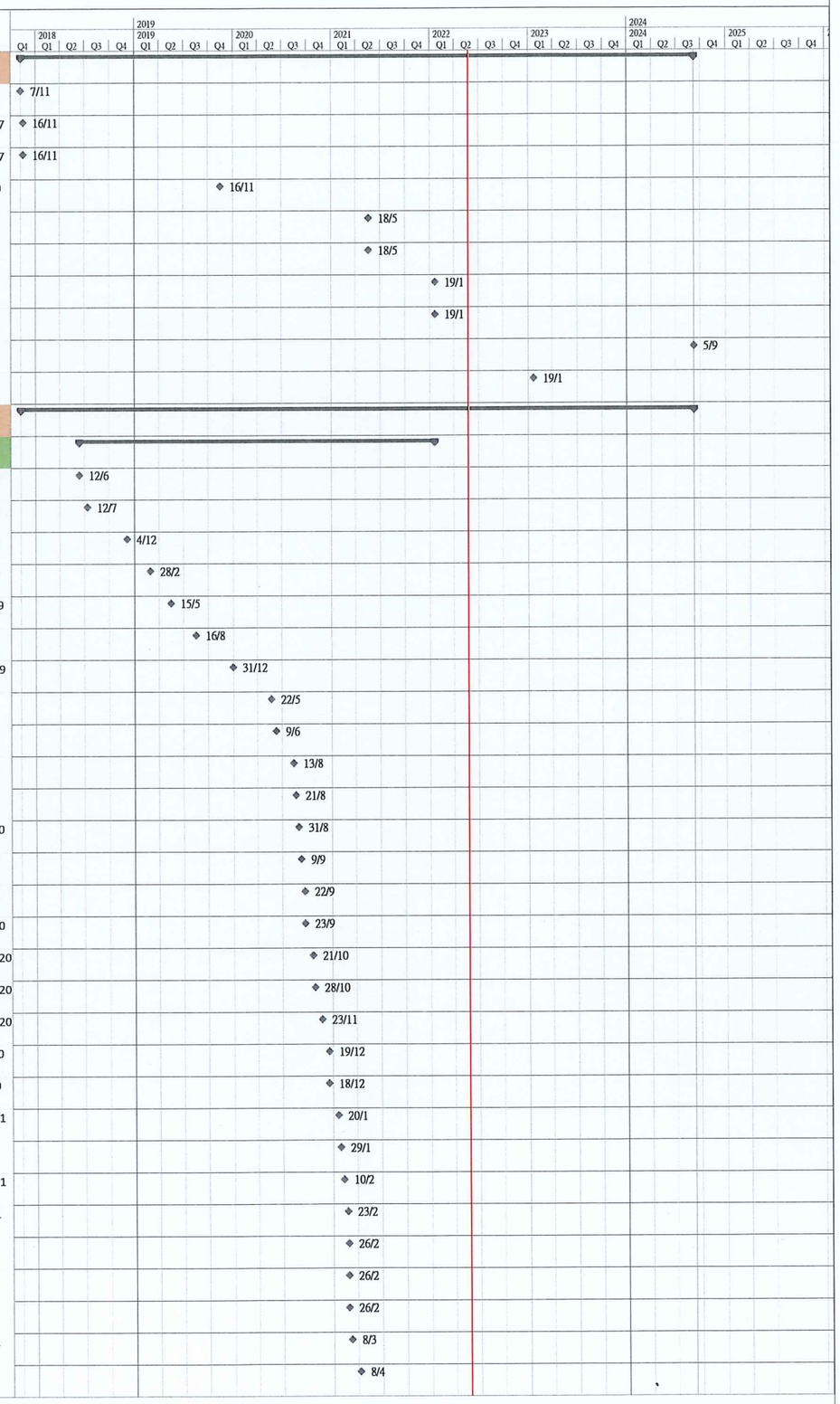



Working Programme No. 15
Data Date : 24 May 2022

Task | Split | Milestone | Summary | Project Summary | Inactive Task | Inactive Milestone | Inactive Summary | Manual Task | Duration-only | Manual Summary Rollup | Manual Summary | Start-only | Finish-only | External Tasks | External Milestone | Deadline | Critical | Critical Split | Progress | Manual Progress

Project: Mainlaying in Tseung Kwan O

| ID | Task Name | Duration | Start | Finish | Task Calendar | Predecessors | Successors | % Complete | Actual Start | Actual Finish |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **Key Dates** | **2495 days** | **Tue 7/11/17** | **Thu 5/9/24** | **Calendar Day** | | | **0%** | **Tue 7/11/17** | **NA** |
| 2 | Contract Date | 0 days | Tue 7/11/17 | Tue 7/11/17 | Calendar Day | | 67,59,60FS+27 days,61,62,58 | 100% | Tue 7/11/17 | Tue 7/11/17 |
| 3 | Starting Date | 0 days | Thu 16/11/17 | Thu 16/11/17 | Calendar Day | | 4,5FS+730 days,6FS+1279 days | 100% | Thu 16/11/17 | Thu 16/11/17 |
| 4 | Access Date of Portion A, B, C, D, E, F, G and J | 0 days | Thu 16/11/17 | Thu 16/11/17 | Calendar Day | 3 | 90,63,71,73,75,78,79 | 100% | Thu 16/11/17 | Thu 16/11/17 |
| 5 | Access Date of Portion H | 0 days | Sat 16/11/19 | Sat 16/11/19 | Calendar Day | 3FS+730 days | 110 | 100% | Sat 16/11/19 | Sat 16/11/19 |
| 6 | Completion Date (Contract) | 0 days | Tue 18/5/21 | Tue 18/5/21 | Calendar Day | 3FS+1279 days | 7 | 100% | Tue 18/5/21 | Tue 18/5/21 |
| 7 | EOT for CE No. 23 Inclement Weather - In June 2018 | 0 days | Tue 18/5/21 | Tue 18/5/21 | HK Working Day | 6 | 8 | 100% | Tue 18/5/21 | Tue 18/5/21 |
| 8 | EOT for CE No. 01 | 246 days | Wed 19/5/21 | Wed 19/1/22 | Calendar Day | 7 | 9FF | 0% | NA | NA |
| 9 | Revised Completion Date | 0 days | Wed 19/1/22 | Wed 19/1/22 | Calendar Day | 8FF | 11FS+365 days | 0% | NA | NA |
| 10 | Planned Completion | 0 days | Thu 5/9/24 | Thu 5/9/24 | Calendar Day | 12FF | | 0% | NA | NA |
| 11 | Defect Date | 0 days | Thu 19/1/23 | Thu 19/1/23 | Calendar Day | 9FS+365 days | | 0% | NA | NA |
| 12 | **Mainlaying In Tseung Kwan O** | **2495 days** | **Tue 7/11/17** | **Thu 5/9/24** | **Calendar Day** | | **10FF** | **77%** | **Tue 7/11/17** | **NA** |
| 13 | **Issued Compensation Events (General)** | **1316 days** | **Tue 12/6/18** | **Tue 18/1/22** | **Calendar Day** | | | **100%** | **Tue 12/6/18** | **Tue 18/1/22** |
| 14 | Issue CE No. 03 - Upgrading of bandwidth of Internet Services for Site Accommodation | 0 days | Tue 12/6/18 | Tue 12/6/18 | Calendar Day | | 68 | 100% | Tue 12/6/18 | Tue 12/6/18 |
| 15 | Issue CE No. 01 - Change in Pressure Rating of Watermain, Valves and Fittings from PN16 to PN25 | 0 days | Thu 12/7/18 | Thu 12/7/18 | Calendar Day | | 68 | 100% | Thu 12/7/18 | Thu 12/7/18 |
| 16 | Issue CE No. 08 - Change in Number of Fixed IP Address for Broadband Connection for Site Accommodation | 0 days | Tue 4/12/18 | Tue 4/12/18 | Calendar Day | | | 100% | Tue 4/12/18 | Tue 4/12/18 |
| 17 | Issue CE No. 10 - Contractor Design of The Realignment | 0 days | Thu 28/2/19 | Thu 28/2/19 | Calendar Day | | | 100% | Thu 28/2/19 | Thu 28/2/19 |
| 18 | Issue CE No. 13 - Excavation of Inspection Pits for the Realignments | 0 days | Wed 15/5/19 | Wed 15/5/19 | Calendar Day | | | 100% | Wed 15/5/19 | Wed 15/5/19 |
| 19 | Issue CE No. 26 - Change in Cathodic Protection System for Mild Steel Pipes | 0 days | Fri 16/8/19 | Fri 16/8/19 | Calendar Day | | 85 | 100% | Fri 16/8/19 | Fri 16/8/19 |
| 20 | Issue CE No. 35 - Feasibility Study on the Alternative Alignment by Trenchless Method in the Wan Po Road J/O Lohas Park Road | 0 days | Tue 31/12/19 | Tue 31/12/19 | Calendar Day | | | 100% | Tue 31/12/19 | Tue 31/12/19 |
| 21 | Issue CE No. 56 - Excavation of Inspection Pits for the Alternative Alignment (Batch No. 2) | 0 days | Fri 22/5/20 | Fri 22/5/20 | Calendar Day | | | 100% | Fri 22/5/20 | Fri 22/5/20 |
| 22 | Issue CE No. 64 - Tree Survey at Tsui Lam (Location A and Location B) | 0 days | Tue 9/6/20 | Tue 9/6/20 | Calendar Day | | | 100% | Tue 9/6/20 | Tue 9/6/20 |
| 23 | Issue CE No. 74 - Reinstatement of existing carriageway along Wan Po Road using PMSMA10 | 0 days | Thu 13/8/20 | Thu 13/8/20 | Calendar Day | | | 100% | Thu 13/8/20 | Thu 13/8/20 |
| 24 | Issue CE No. 66 - Excavation of Inspection Pits for the Alternative Alignment (Batch No. 3) | 0 days | Fri 21/8/20 | Fri 21/8/20 | Calendar Day | | | 100% | Fri 21/8/20 | Fri 21/8/20 |
| 25 | Issue CE No. 72 - Temporary Reinstatement of Deteriorated Grasscrete Road by Bituminous Pavement along TKO South Waterfront Promenade | 0 days | Mon 31/8/20 | Mon 31/8/20 | Calendar Day | | | 100% | Mon 31/8/20 | Mon 31/8/20 |
| 26 | Issue CE No. 73 - Reinstatement of existing Geotextile in Area of Stage 1 Landfill between Chainage FC12+20 and Chainage FC13+26 | 0 days | Wed 9/9/20 | Wed 9/9/20 | Calendar Day | | | 100% | Wed 9/9/20 | Wed 9/9/20 |
| 27 | Issue CE No. 81 - Additional Noise Monitoring for the Realignment Works | 0 days | Tue 22/9/20 | Tue 22/9/20 | Calendar Day | | | 100% | Tue 22/9/20 | Tue 22/9/20 |
| 28 | Issue CE No. 78 - Excavation of Inspection Pits for Additional Connection Point to The Existing Water Supply system | 0 days | Wed 23/9/20 | Wed 23/9/20 | Calendar Day | | | 100% | Wed 23/9/20 | Wed 23/9/20 |
| 29 | Issue CE No. 82 - Suspension of Site Works due to Coronavirus Disease | 0 days | Wed 21/10/20 | Wed 21/10/20 | Calendar Day | | | 100% | Wed 21/10/20 | Wed 21/10/20 |
| 30 | Issue CE No. 85 - Affected Trees across the Natural Stream Course at Tsui Lam (Location A) | 0 days | Wed 28/10/20 | Wed 28/10/20 | Calendar Day | | | 100% | Wed 28/10/20 | Wed 28/10/20 |
| 31 | Issue CE No. 90 - Temporary Relocation of Bicycle Parking spaces near HK Velodrome | 0 days | Mon 23/11/20 | Mon 23/11/20 | Calendar Day | | | 100% | Mon 23/11/20 | Mon 23/11/20 |
| 32 | Issue CE No. 83 - Inspection pits for the Realignment in Wan Po Road and Lohas Park Road | 0 days | Sat 19/12/20 | Sat 19/12/20 | Calendar Day | | | 100% | Sat 19/12/20 | Sat 19/12/20 |
| 33 | Issue CE No. CE - Site Clearance of Affected Trees and Plants for Mainlaying works near Po Hong Road and Ling Hong Road | 0 days | Fri 18/12/20 | Fri 18/12/20 | Calendar Day | | | 100% | Fri 18/12/20 | Fri 18/12/20 |
| 34 | Issue CE No. 99 - Excavation of Inspection pit near Mau Wu Tsai Village at Po Lam Road South | 0 days | Wed 20/1/21 | Wed 20/1/21 | Calendar Day | | | 100% | Wed 20/1/21 | Wed 20/1/21 |
| 35 | Issue CE No. 101 - Uncharted Irrigation Pipe in TKO South Promenade Waterfront's Cycle Track at CH.FC6+64 | 0 days | Fri 29/1/21 | Fri 29/1/21 | Calendar Day | | | 100% | Fri 29/1/21 | Fri 29/1/21 |
| 36 | Issue CE No. 103 - Renewal of Excavation Permit | 0 days | Wed 10/2/21 | Wed 10/2/21 | Calendar Day | | | 100% | Wed 10/2/21 | Wed 10/2/21 |
| 37 | Issue CE No. 105 - Suspension of Works in Wan Po Road 1st Works Site due to Shortage of Backfilling Material Caused by COVID-19 | 0 days | Tue 23/2/21 | Tue 23/2/21 | Calendar Day | | | 100% | Tue 23/2/21 | Tue 23/2/21 |
| 38 | Issue CE No. 104 - Works in Tsui Lam Section (Batch No.2) were Suspended due to Disruption to Supply of Construction Material Caused b COVID-19 | 0 days | Fri 26/2/21 | Fri 26/2/21 | Calendar Day | | | 100% | Fri 26/2/21 | Fri 26/2/21 |
| 39 | Issue CE No. 106 - Works in Tsui Lam Section (Batch No.3) were Suspended due to Disruption to Supply of Construction Material Caused b COVID-19 | 0 days | Fri 26/2/21 | Fri 26/2/21 | Calendar Day | | | 100% | Fri 26/2/21 | Fri 26/2/21 |
| 40 | Issue CE No. 108 - Works in Tsui Lam Section (Batch No.3) were Suspended due to Disruption to Supply of Construction Material Caused b COVID-19 | 0 days | Fri 26/2/21 | Fri 26/2/21 | Calendar Day | | | 100% | Fri 26/2/21 | Fri 26/2/21 |
| 41 | Issue CE No. 107 - Affected Trees near Mau Wu Tsai Village between CH.HA0+00 and Ch. HA0+70 | 0 days | Mon 8/3/21 | Mon 8/3/21 | Calendar Day | | | 100% | Mon 8/3/21 | Mon 8/3/21 |
| 42 | Issue CE No. 110 - Inaccessible to Works Area Ch.HA2+10 due to Deteriorated Concrete Access | 0 days | Thu 8/4/21 | Thu 8/4/21 | Calendar Day | | | 100% | Thu 8/4/21 | Thu 8/4/21 |

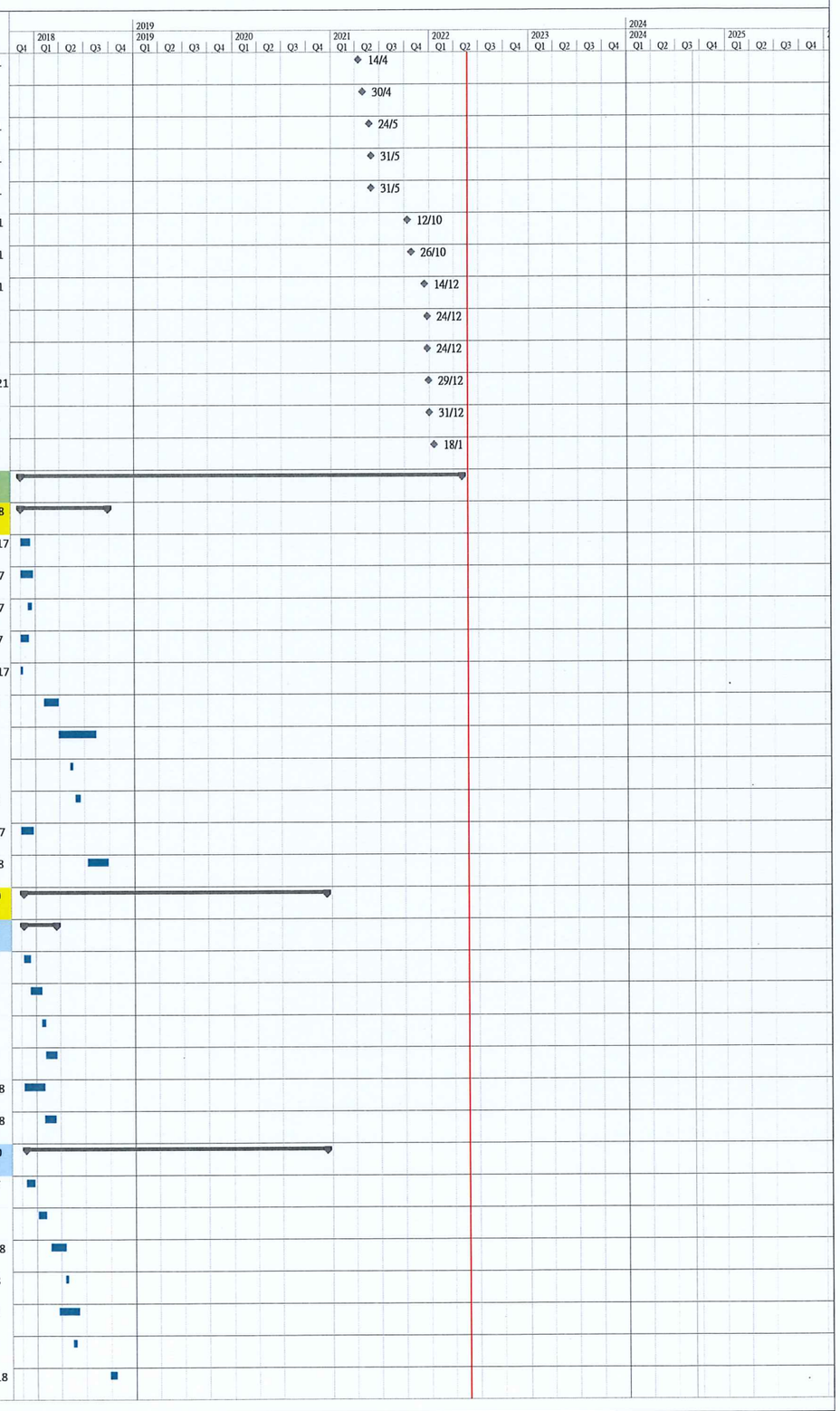



Working Programme No. 15
Data Date : 24 May 2022

Task | Split | Milestone | Summary | Project Summary | Inactive Task | Inactive Milestone | Inactive Summary | Manual Task | Duration-only | Manual Summary Rollup | Manual Summary | Start-only | Finish-only | External Tasks | External Milestone | Deadline | Critical | Critical Split | Progress | Manual Progress

Project: Mainlaying in Tseung Kwan O

| ID | Task Name | Duration | Start | Finish | Task Calendar | Predecessors | Successors | % Complete | Actual Start | Actual Finish |
|---|---|---|---|---|---|---|---|---|---|---|
| 43 | Issue CE No. 112 - Works Delayed in Portion H due to COVID-19 | 0 days | Wed 14/4/21 | Wed 14/4/21 | Calendar Day | | | 100% | Wed 14/4/21 | Wed 14/4/21 |
| 44 | Issue CE No. 113 - Special Cleaning of Workfronts from CH.A0+00 to CH.A13+70 at Wan Po Road | 0 days | Fri 30/4/21 | Fri 30/4/21 | Calendar Day | | | 100% | Fri 30/4/21 | Fri 30/4/21 |
| 45 | Issue CE No. 116 - Special Mosquito and Biting Midges Prevention Measures from CH.FB0+00 to Ch.FB5+34 and Ch.FC0+0 0to FC13+26 along TKO South Waterfront | 0 days | Mon 24/5/21 | Mon 24/5/21 | Calendar Day | | | 100% | Mon 24/5/21 | Mon 24/5/21 |
| 46 | Issue CE No. 119 - Professional Indemnity Insurance for the Conforming Designs unde CE No.55, 62 and 77 | 0 days | Mon 31/5/21 | Mon 31/5/21 | Calendar Day | | | 100% | Mon 31/5/21 | Mon 31/5/21 |
| 47 | Issue CE No. 120 - Left-in Sheet Pile for Manual Excavation in Po Lam Road at CH.HA6+55 | 0 days | Mon 31/5/21 | Mon 31/5/21 | Calendar Day | | | 100% | Mon 31/5/21 | Mon 31/5/21 |
| 48 | Issue CE No. 127 - Manual Excavation under Unexpectedly long and contonuous extent of UU obstruction in Wan Po Road at CH. A0+88 | 0 days | Tue 12/10/21 | Tue 12/10/21 | Calendar Day | | | 100% | Tue 12/10/21 | Tue 12/10/21 |
| 49 | Issue CE No. 129 - Special Cleaning of Workfronts from CH.HA0+00 to CH.A13+70 at Wan po Road in Sep 2021 | 0 days | Tue 26/10/21 | Tue 26/10/21 | Calendar Day | | | 100% | Tue 26/10/21 | Tue 26/10/21 |
| 50 | Issue CE No. 100 - Additional Mainlaying Works at Ling Hong Road and HK Velodrome | 0 days | Tue 14/12/21 | Tue 14/12/21 | Calendar Day | | | 100% | Tue 14/12/21 | Tue 14/12/21 |
| 51 | Issue CE No. 131 - Additional Traffic Court and Analysis for TTA Application | 0 days | Fri 24/12/21 | Fri 24/12/21 | Calendar Day | | | 100% | Fri 24/12/21 | Fri 24/12/21 |
| 52 | Issue CE No. 138 - Additional Inspection Pits for Realignment of DN800 Water Main in TKOFWPSR | 0 days | Fri 24/12/21 | Fri 24/12/21 | Calendar Day | | | 100% | Fri 24/12/21 | Fri 24/12/21 |
| 53 | Issue CE No. 141 - Provision of Suitable land Transport for Site Supervision in Tseung Kwan O Area 137 (Dec 2021 - Sept 2022) | 0 days | Wed 29/12/21 | Wed 29/12/21 | Calendar Day | | | 100% | Wed 29/12/21 | Wed 29/12/21 |
| 54 | Issue CE No. 136 - Additional Resurfacing Works at Wan Po Road Near TKO Area 137 | 0 days | Fri 31/12/21 | Fri 31/12/21 | Calendar Day | | | 100% | Fri 31/12/21 | Fri 31/12/21 |
| 55 | Issue CE No. 57 - Realignment of Water Main by Trenchless Method in SENTX Portion in TKO Area 137 | 0 days | Tue 18/1/22 | Tue 18/1/22 | Calendar Day | | 125FF | 100% | Tue 18/1/22 | Tue 18/1/22 |
| 56 | **Preliminaries** | **1636 days** | **Tue 7/11/17** | **Sat 30/4/22** | **Calendar Day** | | | **100%** | **Tue 7/11/17** | **Sat 30/4/22** |
| 57 | **Submission and Permit Application** | **322 days** | **Tue 7/11/17** | **Mon 24/9/18** | **Calendar Day** | | | **100%** | **Tue 7/11/17** | **Mon 24/9/18** |
| 58 | Submission of Safety Plan | 35 days | Tue 7/11/17 | Mon 11/12/17 | Calendar Day | 2 | | 100% | Tue 7/11/17 | Mon 11/12/17 |
| 59 | Submission of Site Management Plan and Trip Ticket | 45 days | Tue 7/11/17 | Thu 21/12/17 | Calendar Day | 2 | | 100% | Tue 7/11/17 | Thu 21/12/17 |
| 60 | Submission of Key People | 14 days | Mon 4/12/17 | Sun 17/12/17 | Calendar Day | 2FS+27 days | | 100% | Mon 4/12/17 | Sun 17/12/17 |
| 61 | Submission of Subcontractor Management Plan | 30 days | Tue 7/11/17 | Wed 6/12/17 | Calendar Day | 2 | | 100% | Tue 7/11/17 | Wed 6/12/17 |
| 62 | Submission of First Programme | 7 days | Tue 7/11/17 | Mon 13/11/17 | Calendar Day | 2 | | 100% | Tue 7/11/17 | Mon 13/11/17 |
| 63 | Submission of Pipe Material (PN16) | 54 days | Thu 1/2/18 | Tue 27/3/18 | Calendar Day | 4 | 64 | 100% | Thu 1/2/18 | Tue 27/3/18 |
| 64 | Approval of Pipe material submission (PN16) | 137 days | Wed 28/3/18 | Sat 11/8/18 | Calendar Day | 63 | 92SS+7 days | 100% | Wed 28/3/18 | Sat 11/8/18 |
| 65 | Appointment of Environmental Team | 10 days | Wed 9/5/18 | Fri 18/5/18 | Calendar Day | 81 | 66 | 100% | Wed 9/5/18 | Fri 18/5/18 |
| 66 | Environmental Baseline Monitoring | 17 days | Tue 29/5/18 | Thu 14/6/18 | Calendar Day | 65 | | 100% | Tue 29/5/18 | Thu 14/6/18 |
| 67 | Submission of Environmental Management Plan | 45 days | Tue 7/11/17 | Thu 21/12/17 | Calendar Day | 2 | | 100% | Tue 7/11/17 | Thu 21/12/17 |
| 68 | Submission & Approval of CE01 Pipe Material PN25 | 75 days | Thu 12/7/18 | Mon 24/9/18 | Calendar Day | 14,15 | 96 | 100% | Thu 12/7/18 | Mon 24/9/18 |
| 69 | **Subcontracting** | **1122 days** | **Thu 16/11/17** | **Fri 11/12/20** | **Calendar Day** | | | **100%** | **Thu 16/11/17** | **Fri 11/12/20** |
| 70 | **Submission and Approval** | **122 days** | **Thu 16/11/17** | **Sat 17/3/18** | **Calendar Day** | | | **100%** | **Thu 16/11/17** | **Sat 17/3/18** |
| 71 | Submission of sub-contractor selection procedure | 24 days | Thu 16/11/17 | Sat 9/12/17 | Calendar Day | 4 | 72 | 100% | Thu 16/11/17 | Sat 9/12/17 |
| 72 | Approval of sub-contractor selection procedure | 42 days | Sun 10/12/17 | Sat 20/1/18 | Calendar Day | 71 | 87,82,83FS+10 days,86 | 100% | Sun 10/12/17 | Sat 20/1/18 |
| 73 | Submission of Sub-contractor Condition | 14 days | Sun 21/1/18 | Sat 3/2/18 | Calendar Day | 4 | 74 | 100% | Sun 21/1/18 | Sat 3/2/18 |
| 74 | Approval of Sub-contractor Condition | 42 days | Sun 4/2/18 | Sat 17/3/18 | Calendar Day | 73 | 87,82,83FS+10 days,86 | 100% | Sun 4/2/18 | Sat 17/3/18 |
| 75 | Submission of Supplier Selection Procedure | 75 days | Thu 16/11/17 | Mon 29/1/18 | Calendar Day | 4 | 76 | 100% | Thu 16/11/17 | Mon 29/1/18 |
| 76 | Approval of Supplier Selection Procedure | 42 days | Tue 30/1/18 | Mon 12/3/18 | Calendar Day | 75 | 92 | 100% | Tue 30/1/18 | Mon 12/3/18 |
| 77 | **Subcontractor Selection and Subcontracting** | **1115 days** | **Thu 23/11/17** | **Fri 11/12/20** | **Calendar Day** | | | **100%** | **Thu 23/11/17** | **Fri 11/12/20** |
| 78 | Traffic Consultant for Investigation Works | 30 days | Thu 23/11/17 | Fri 22/12/17 | Calendar Day | 4 | | 100% | Thu 23/11/17 | Fri 22/12/17 |
| 79 | Consultancy: Landscape for Investigation works | 30 days | Fri 5/1/18 | Sat 3/2/18 | Calendar Day | 4 | 250 | 100% | Fri 5/1/18 | Sat 3/2/18 |
| 80 | Consultancy: Traffic consultant | 55 days | Wed 21/2/18 | Mon 16/4/18 | Calendar Day | | | 100% | Wed 21/2/18 | Mon 16/4/18 |
| 81 | Environmental Team | 9 days | Mon 16/4/18 | Tue 24/4/18 | Calendar Day | | 65 | 100% | Mon 16/4/18 | Tue 24/4/18 |
| 82 | Temporary site office, hoarding & project sign board | 75 days | Thu 22/3/18 | Mon 4/6/18 | Calendar Day | 74,72 | 89FS+13 days | 100% | Thu 22/3/18 | Mon 4/6/18 |
| 83 | Consultancy: Independent Checking Engineer | 12 days | Mon 14/5/18 | Fri 25/5/18 | Calendar Day | 72FS+10 days,74FS+10 days | | 100% | Mon 14/5/18 | Fri 25/5/18 |
| 84 | Survey Services | 23 days | Wed 26/9/18 | Thu 18/10/18 | Calendar Day | | | 100% | Wed 26/9/18 | Thu 18/10/18 |

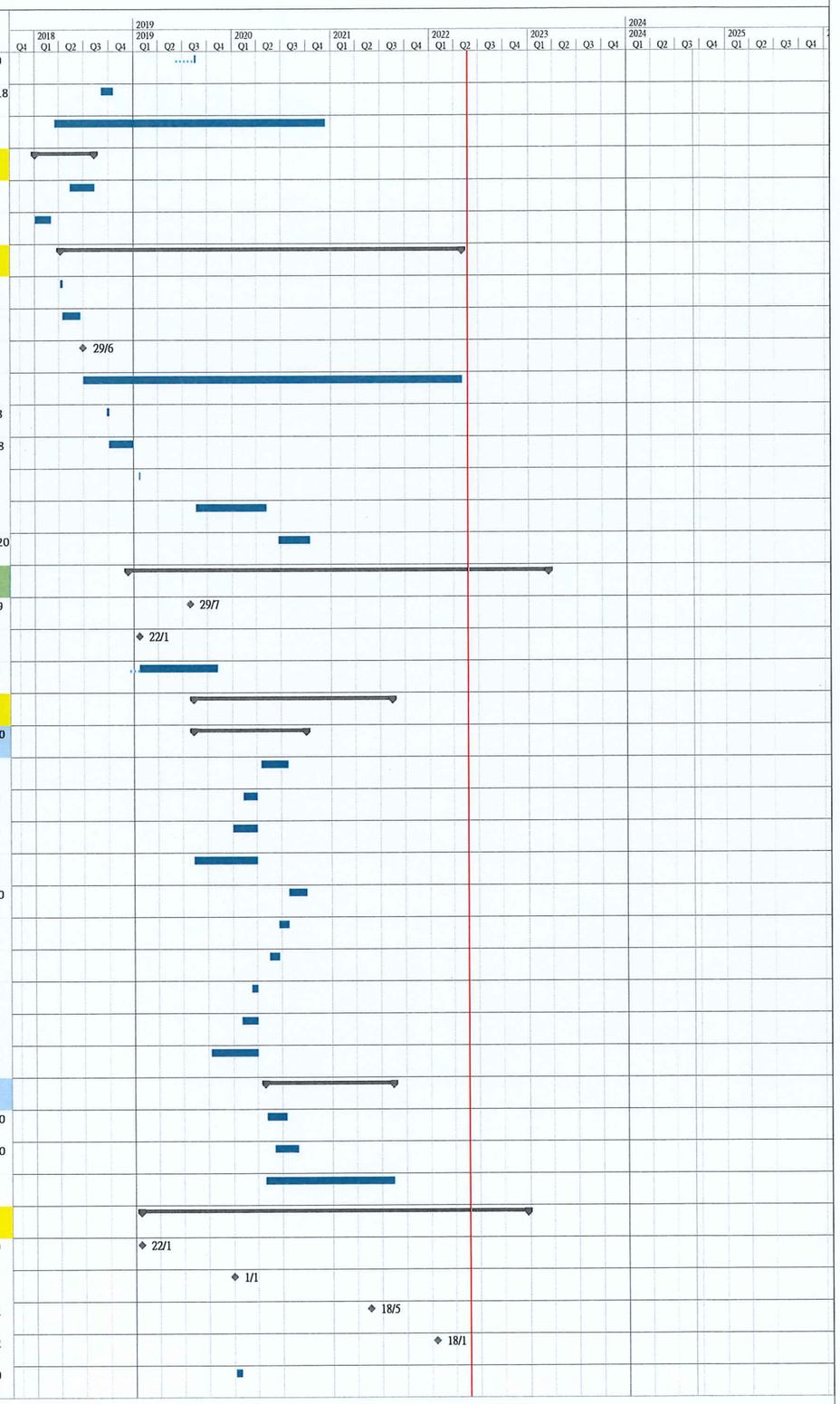



Working Programme No. 15
Data Date : 24 May 2022

Task | Split | Milestone | Summary | Project Summary | Inactive Task | Inactive Milestone | Inactive Summary | Manual Task | Duration-only | Manual Summary Rollup | Manual Summary | Start-only | Finish-only | External Tasks | External Milestone | Deadline | Critical | Critical Split | Progress | Manual Progress

Project: Mainlaying in Tseung Kwan O

| ID | Task Name | Duration | Start | Finish | Task Calendar | Predecessors | Successors | % Complete | Actual Start | Actual Finish |
|---|---|---|---|---|---|---|---|---|---|---|
| 85 | Sacrificial Anode Cathodic Protection (SACP) | 82 days | Thu 30/5/19 | Mon 19/8/19 | Calendar Day | 19 | 99 | 100% | Thu 30/5/19 | Mon 19/8/19 |
| 86 | Landscaping Works | 42 days | Thu 6/9/18 | Wed 17/10/18 | Calendar Day | 72,74 | | 100% | Thu 6/9/18 | Wed 17/10/18 |
| 87 | Miscellaneous | 1000 days | Sun 18/3/18 | Fri 11/12/20 | Calendar Day | 74,72 | | 100% | Sun 18/3/18 | Fri 11/12/20 |
| 88 | **Site Establishment** | **220 days** | **Tue 2/1/18** | **Thu 9/8/18** | **Calendar Day** | | | **100%** | **Tue 2/1/18** | **Thu 9/8/18** |
| 89 | Setting up PM's and Contractor Accommodation | 90 days | Sat 12/5/18 | Thu 9/8/18 | Calendar Day | 82FS+13 days | | 100% | Sat 12/5/18 | Thu 9/8/18 |
| 90 | Initial Survey of the Site | 60 days | Tue 2/1/18 | Fri 2/3/18 | Calendar Day | 4 | | 100% | Tue 2/1/18 | Fri 2/3/18 |
| 91 | **Procurement of Major Material** | **1485 days** | **Sat 7/4/18** | **Sat 30/4/22** | **Calendar Day** | | | **100%** | **Sat 7/4/18** | **Sat 30/4/22** |
| 92 | Preparation of Purchase Order | 7 days | Sat 7/4/18 | Fri 13/4/18 | Calendar Day | 64SS+7 days,76 | 93 | 100% | Sat 7/4/18 | Fri 13/4/18 |
| 93 | 1st Batch of Material Delivery | 65 days | Sat 14/4/18 | Sun 17/6/18 | Calendar Day | 92 | 94 | 100% | Sat 14/4/18 | Sun 17/6/18 |
| 94 | 1st Batch of Material Delivery on site | 0 days | Fri 29/6/18 | Fri 29/6/18 | Calendar Day | 93 | 95 | 100% | Fri 29/6/18 | Fri 29/6/18 |
| 95 | Material Delivery by Batches | 1401 days | Sat 30/6/18 | Sat 30/4/22 | Calendar Day | 94 | | 100% | Sat 30/6/18 | Sat 30/4/22 |
| 96 | Preparation of CE01 Purchase Order | 7 days | Tue 25/9/18 | Mon 1/10/18 | Calendar Day | 68 | 97 | 100% | Tue 25/9/18 | Mon 1/10/18 |
| 97 | 1st Batch of CE01 Material Delivery | 90 days | Tue 2/10/18 | Sun 30/12/18 | Calendar Day | 96 | 98 | 100% | Tue 2/10/18 | Sun 30/12/18 |
| 98 | 1st Batch of CE01 Material Delivery on site | 1 day | Tue 22/1/19 | Tue 22/1/19 | Calendar Day | 97 | | 100% | Tue 22/1/19 | Tue 22/1/19 |
| 99 | SCAP Material Submission and Approval | 261 days | Tue 20/8/19 | Wed 6/5/20 | Calendar Day | 85 | 100 | 100% | Tue 20/8/19 | Wed 6/5/20 |
| 100 | SCAP Purchase Order & Material Delivery | 115 days | Mon 22/6/20 | Wed 14/10/20 | Calendar Day | 99 | | 100% | Mon 22/6/20 | Wed 14/10/20 |
| 101 | **Mainlaying in Tseung Kwan O Area 137 (Portion H)** | **1260 days** | **Tue 11/12/18** | **Wed 15/3/23** | **HK Working Day** | | | **92%** | **Tue 11/12/18** | **NA** |
| 102 | Early Possession of Portion H | 0 days | Mon 29/7/19 | Mon 29/7/19 | Calendar Day | | | 100% | Mon 29/7/19 | Mon 29/7/19 |
| 103 | Issue Date of CE No. 07 -Water Supply to No. TKO Desalination Plant at Portion H (NS250 HDPE Pipe) | 0 days | Tue 22/1/19 | Tue 22/1/19 | Calendar Day | | 104 | 100% | Tue 22/1/19 | Tue 22/1/19 |
| 104 | Material Procurement and Delivery in Batches | 330 days | Tue 11/12/18 | Tue 5/11/19 | Calendar Day | 103 | | 100% | Tue 11/12/18 | Tue 5/11/19 |
| 105 | **Open Cut Excavation, Pipe Laying and Reinstatement at TKO Area 137** | **597 days** | **Sat 10/8/19** | **Sat 14/8/21** | **HK Working Day** | | **761** | **100%** | **Sat 10/8/19** | **Sat 14/8/21** |
| 106 | **DN1200 MS PIPE + NS250 HDPE PIPE - Open Cut** | **341 days** | **Sat 10/8/19** | **Wed 30/9/20** | **HK Working Day** | | | **100%** | **Sat 10/8/19** | **Wed 30/9/20** |
| 107 | CH.CT1+51 - CH.265 DN1200 MS Pipe OC | 82 days | Thu 16/4/20 | Fri 24/7/20 | None | | | 100% | Thu 16/4/20 | Fri 24/7/20 |
| 108 | CH.CT0+51 - CH.1+51 DN1200 MS Pipe OC | 44 days | Mon 10/2/20 | Tue 31/3/20 | HK Working Day | | | 100% | Mon 10/2/20 | Tue 31/3/20 |
| 109 | CH.CT0+00 - CH.0+51 DN1200 MS Pipe OC | 74 days | Thu 2/1/20 | Tue 31/3/20 | HK Working Day | | | 100% | Thu 2/1/20 | Tue 31/3/20 |
| 110 | CH.CA0+00 - CH.4+00 DN1200 MS Pipe OC | 192 days | Sat 10/8/19 | Tue 31/3/20 | HK Working Day | 5 | | 100% | Sat 10/8/19 | Tue 31/3/20 |
| 111 | CH.KT2+80 - CH.3+60 NS250 HDPE Pipe OC with additional Tees and fire Hydrant | 56 days | Tue 28/7/20 | Wed 30/9/20 | HK Working Day | | | 100% | Tue 28/7/20 | Wed 30/9/20 |
| 112 | CH.KT2+23 - CH.2+80 NS250 HDPE Pipe OC | 29 days | Sat 20/6/20 | Sat 25/7/20 | HK Working Day | | | 100% | Sat 20/6/20 | Sat 25/7/20 |
| 113 | CH.KT1+51 - CH.2+23 NS250 HDPE Pipe OC | 31 days | Sat 16/5/20 | Sat 20/6/20 | HK Working Day | | | 100% | Sat 16/5/20 | Sat 20/6/20 |
| 114 | CH.KT0+51 - CH.1+51 NS250 HDPE Pipe OC | 19 days | Tue 10/3/20 | Tue 31/3/20 | HK Working Day | | | 100% | Tue 10/3/20 | Tue 31/3/20 |
| 115 | CH.KT0+00 - CH.0+51 NS250 HDPE Pipe OC | 50 days | Sun 2/2/20 | Tue 31/3/20 | HK Working Day | | | 100% | Sun 2/2/20 | Tue 31/3/20 |
| 116 | CH.KA0+00 - CH.4+00 NS250 HDPE Pipe OC | 143 days | Thu 10/10/19 | Tue 31/3/20 | HK Working Day | | | 100% | Thu 10/10/19 | Tue 31/3/20 |
| 117 | **Construction of Chambers** | **385 days** | **Wed 29/4/20** | **Sat 14/8/21** | **HK Working Day** | | | **100%** | **Wed 29/4/20** | **Sat 14/8/21** |
| 118 | Combined DAV & IT Chamber for DN1200 MS pipe at CH.CT2+47 | 60 days | Tue 5/5/20 | Wed 15/7/20 | HK Working Day | | | 100% | Tue 5/5/20 | Wed 15/7/20 |
| 119 | Combined Washout Pump Pit for DN1200 MS pipe and NS250 HDPE pipe at CH.CT2+43 | 71 days | Wed 3/6/20 | Wed 26/8/20 | HK Working Day | | | 100% | Wed 3/6/20 | Wed 26/8/20 |
| 120 | DN900 Valve Chamber with by-pass pipes at CH.CA4+24 | 385 days | Wed 29/4/20 | Sat 14/8/21 | HK Working Day | | | 100% | Wed 29/4/20 | Sat 14/8/21 |
| 121 | **Trenchless Works (DN1200 MS PIPE + NS250 HDPE PIPE) at TKO Area 137** | **1162 days** | **Tue 22/1/19** | **Thu 22/12/22** | **HK Working Day** | | **784,762** | **83%** | **Tue 22/1/19** | **NA** |
| 122 | Issue CE No. 07 - Water Supply to Tseung Kwan O Desalination Plant at Portion 'H' | 0 days | Tue 22/1/19 | Tue 22/1/19 | Calendar Day | | | 100% | Tue 22/1/19 | Tue 22/1/19 |
| 123 | Issue CE No. 17 - Realignment of Water Main by Trenchless Method in TKO Area 137 | 0 days | Wed 1/1/20 | Wed 1/1/20 | Calendar Day | | | 100% | Wed 1/1/20 | Wed 1/1/20 |
| 124 | Issue CE No. 118 - Non-destructive Void detection survey in Tseung Kwan O Area 137 between 137 Pit A and 137 Pit B | 0 days | Tue 18/5/21 | Tue 18/5/21 | Calendar Day | | | 100% | Tue 18/5/21 | Tue 18/5/21 |
| 125 | Issue CE No. 57 - Realignment of Water Main by Trenchless Method in SENTX Portion in TKO Area 137 | 0 days | Tue 18/1/22 | Tue 18/1/22 | Calendar Day | 55FF | 129 | 100% | Tue 18/1/22 | Tue 18/1/22 |
| 126 | Tendering & Approval | 21 days | Mon 6/1/20 | Sun 26/1/20 | Calendar Day | | | 100% | Mon 6/1/20 | Sun 26/1/20 |

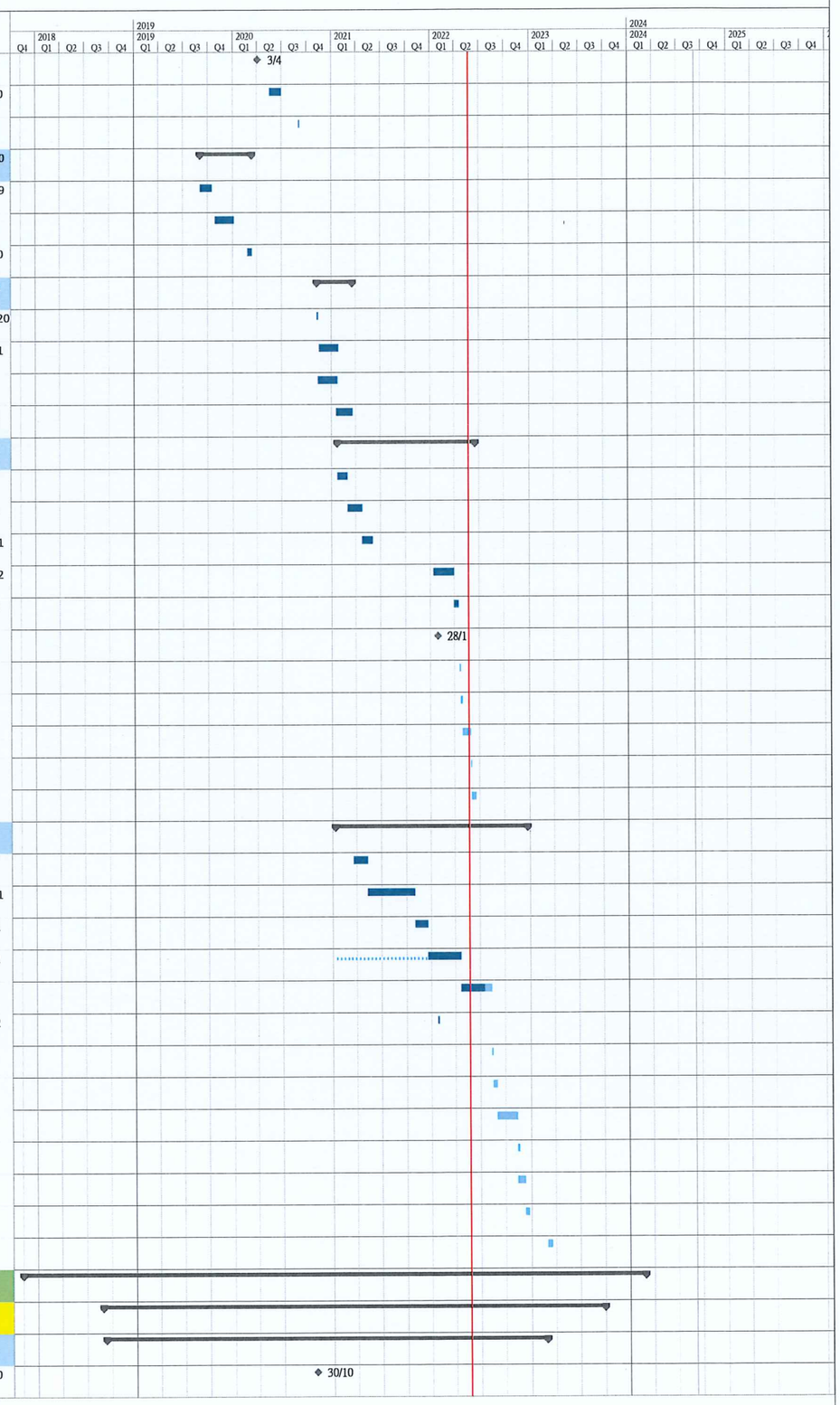



Working Programme No. 15
Data Date : 24 May 2022

Task | Split | Milestone | Summary | Project Summary | Inactive Task | Inactive Milestone | Inactive Summary | Manual Task | Duration-only | Manual Summary Rollup | Manual Summary | Start-only | Finish-only | External Tasks | External Milestone | Deadline | Critical | Critical Split | Progress | Manual Progress

Project: Mainlaying in Tseung Kwan O

| ID | Task Name | Duration | Start | Finish | Task Calendar | Predecessors | Successors | % Complete | Actual Start | Actual Finish |
|---|---|---|---|---|---|---|---|---|---|---|
| 127 | WSD instructed to retender | 0 days | Fri 3/4/20 | Fri 3/4/20 | Calendar Day | | 128 | 100% | Fri 3/4/20 | Fri 3/4/20 |
| 128 | Retendering, Review & Approval | 43 days | Mon 18/5/20 | Mon 29/6/20 | Calendar Day | 127 | 129 | 100% | Mon 18/5/20 | Mon 29/6/20 |
| 129 | Issue LOA | 1 day | Thu 3/9/20 | Thu 3/9/20 | Calendar Day | 128,125 | 135 | 100% | Thu 3/9/20 | Thu 3/9/20 |
| 130 | **Trial Pit Excavation for Trenchless Works at TKO Area 137** | **156 days** | **Mon 2/9/19** | **Wed 11/3/20** | **HK Working Day** | | | **100%** | **Mon 2/9/19** | **Wed 11/3/20** |
| 131 | Pit 137A | 35 days | Mon 2/9/19 | Tue 15/10/19 | HK Working Day | | | 100% | Mon 2/9/19 | Tue 15/10/19 |
| 132 | Pit 137B | 57 days | Mon 28/10/19 | Sat 4/1/20 | HK Working Day | | | 100% | Mon 28/10/19 | Sat 4/1/20 |
| 133 | Pit 137C | 14 days | Tue 25/2/20 | Wed 11/3/20 | HK Working Day | | | 100% | Tue 25/2/20 | Wed 11/3/20 |
| 134 | **Construction of jacking / Receiving Pits** | **106 days** | **Mon 9/11/20** | **Thu 18/3/21** | **HK Working Day** | | | **100%** | **Mon 9/11/20** | **Thu 18/3/21** |
| 135 | Mobilization and Setup & Preliminary Works | 3 days | Mon 9/11/20 | Wed 11/11/20 | Calendar Day | 129 | 136,137,138 | 100% | Mon 9/11/20 | Wed 11/11/20 |
| 136 | Receiving Pit 137A (Renopipe) | 58 days | Mon 16/11/20 | Mon 25/1/21 | HK Working Day | 135 | 141FF-30 days | 100% | Mon 16/11/20 | Mon 25/1/21 |
| 137 | Jacking Pit 137B (Renopipe) | 59 days | Thu 12/11/20 | Fri 22/1/21 | HK Working Day | 135 | 140 | 100% | Thu 12/11/20 | Fri 22/1/21 |
| 138 | Receiving Pit 137C (Renopipe) | 49 days | Mon 18/1/21 | Thu 18/3/21 | HK Working Day | 135 | 152 | 100% | Mon 18/1/21 | Thu 18/3/21 |
| 139 | **TBM Pipe Jacking From Pit 137B to Pit 137A** | **410 days** | **Fri 22/1/21** | **Wed 15/6/22** | **HK Working Day** | | **170** | **79%** | **Fri 22/1/21** | **NA** |
| 140 | Establishment at Pit 137B | 29 days | Fri 22/1/21 | Sat 27/2/21 | HK Working Day | 137 | 141 | 100% | Fri 22/1/21 | Sat 27/2/21 |
| 141 | O WPR920 Steel Sleeve Pipe for both DN1200 & NS250 (Pit 137B - Pit 137A) (CH.CC0+10 to CH.CC.1+24) in Soil mixed with rubbish (114m; 3m/day) | 42 days | Mon 1/3/21 | Thu 22/4/21 | HK Working Day | 140,136FF-30 days | 142 | 100% | Mon 1/3/21 | Thu 22/4/21 |
| 142 | Grouting and Remove setup at Pit 137A & Pit 137B | 31 days | Fri 23/4/21 | Mon 31/5/21 | HK Working Day | 141 | 143 | 100% | Fri 23/4/21 | Mon 31/5/21 |
| 143 | Setup for Pipe Laying inside jacking Pits 137B to Pit 137A | 62 days | Wed 12/1/22 | Mon 28/3/22 | HK Working Day | 154,142 | 145 | 100% | Wed 12/1/22 | Mon 28/3/22 |
| 144 | DN1200 MS Pipe Laying inside jacking pipe (114m) (8m per 3 day) | 14 days | Tue 29/3/22 | Thu 14/4/22 | HK Working Day | 145 | 146 | 100% | Tue 29/3/22 | Thu 14/4/22 |
| 145 | NS250 HDPE Pipe Laying inside jacking pipe (114m) (8m per day) | 0 days | Fri 28/1/22 | Fri 28/1/22 | HK Working Day | 143 | 144 | 100% | Fri 28/1/22 | Fri 28/1/22 |
| 146 | Formwork & Setup for Grouting the gap between pipe and Sleeve | 3 days | Tue 19/4/22 | Thu 21/4/22 | HK Working Day | 144 | 147 | 0% | NA | NA |
| 147 | Grouting Works (20 meter/day) | 6 days | Fri 22/4/22 | Thu 28/4/22 | HK Working Day | 146 | 148 | 0% | NA | NA |
| 148 | Pipe Laying (HB, BVB, Short Pipe), Thrust Block & backfilling inside Pit 137A | 24 days | Fri 29/4/22 | Sat 28/5/22 | HK Working Day | 147 | 149 | 0% | NA | NA |
| 149 | Remove ELS and Extract Sheetpile at Pit 137A | 2 days | Mon 30/5/22 | Tue 31/5/22 | HK Working Day | 148 | 150 | 0% | NA | NA |
| 150 | Pipe Laying (DN1200 MS Pipe & NS250 HDPE Pipe) From Pit 137A to CH.CC1+38 & KC1+38 | 12 days | Wed 1/6/22 | Wed 15/6/22 | HK Working Day | 149 | | 0% | NA | NA |
| 151 | **TBM Pipe Jacking From Pit 137B to Pit 137C** | **578 days** | **Tue 12/1/21** | **Thu 22/12/22** | **HK Working Day** | | | **74%** | **Tue 12/1/21** | **NA** |
| 152 | Revised Establishment at Pit 137B | 39 days | Fri 19/3/21 | Sat 8/5/21 | HK Working Day | 138 | 153 | 100% | Fri 19/3/21 | Sat 8/5/21 |
| 153 | O WPR920 Steel Sleeve Pipe for both DN1200 & NS250 (Pit 137C - Pit 137B) (CH.CB0+00 to CH.CB.2+46) in Soil mixed rubbish (246m; 1.5m/day) include 49 days | 144 days | Sun 9/5/21 | Sat 30/10/21 | HK Working Day | 152 | 154 | 100% | Sun 9/5/21 | Sat 30/10/21 |
| 154 | Grouting, Remove setup at Pit 137C and Pit 137B | 41 days | Mon 1/11/21 | Fri 17/12/21 | HK Working Day | 153 | 155,143 | 100% | Mon 1/11/21 | Fri 17/12/21 |
| 155 | Setup for Pipe Laying inside jacking Pit 137B to Pit 137C | 95 days | Tue 12/1/21 | Tue 19/4/22 | HK Working Day | 154 | 157 | 100% | Tue 12/1/21 | Tue 19/4/22 |
| 156 | DN1200 MS Pipe Laying inside jacking pipe (246m) (3 days per 8m) | 93 days | Wed 20/4/22 | Wed 10/8/22 | HK Working Day | 157 | 158 | 75% | Wed 20/4/22 | NA |
| 157 | NS250 HDPE Pipe Laying inside jacking pipe (246m) (8m per day) | 4 days | Sat 22/1/22 | Thu 27/1/22 | HK Working Day | 155 | 156 | 100% | Sat 22/1/22 | Thu 27/1/22 |
| 158 | Formwork & Setup for Grouting the gap between pipe and Sleeve | 3 days | Thu 11/8/22 | Sat 13/8/22 | HK Working Day | 156 | 159 | 0% | NA | NA |
| 159 | Grouting Works (20 meter/day) | 13 days | Mon 15/8/22 | Mon 29/8/22 | HK Working Day | 158 | 160 | 0% | NA | NA |
| 160 | Construction of Combined Inspection and Washout Chamber (Type III) at Pit 137C | 60 days | Tue 30/8/22 | Thu 10/11/22 | HK Working Day | 159 | 162,161 | 0% | NA | NA |
| 161 | Pipe Connection Inside Pit 137C | 6 days | Fri 11/11/22 | Thu 17/11/22 | HK Working Day | 160 | | 0% | NA | NA |
| 162 | Pipe Laying (HB, BVB, Short Pipe), Thrust Block & backfilling inside Pit 137C | 24 days | Fri 11/11/22 | Thu 8/12/22 | HK Working Day | 160 | 163 | 0% | NA | NA |
| 163 | Remove ELS and Remove ELS and Extract Sheetpile at Pit 137C | 12 days | Fri 9/12/22 | Thu 22/12/22 | HK Working Day | 162 | | 0% | NA | NA |
| 164 | Final Connection of NS250 HDPE Pipe to Existing at Wan Po Road | 14 days | Tue 28/2/23 | Wed 15/3/23 | HK Working Day | 788 | | 0% | NA | NA |
| 165 | **Mainlaying From Boundary of Tseung Kwan O Area 137 to TKO Fresh Water Service Reservoir (Portion I)** | **1866 days** | **Tue 7/11/17** | **Mon 26/2/24** | **HK Working Day** | | | **74%** | **Tue 7/11/17** | **NA** |
| 166 | **Open Cut Excavation, Pipe Laying and Reinstatement at Wan Po Road** | **1506 days** | **Thu 30/8/18** | **Thu 28/9/23** | **HK Working Day** | | | **81%** | **Thu 30/8/18** | **NA** |
| 167 | **Open Cut CH.A0+00 to CH.A3+62 (Pit 1)** | **1321 days** | **Mon 10/9/18** | **Sat 25/2/23** | **HK Working Day** | | **762** | **88%** | **Mon 10/9/18** | **NA** |
| 168 | Issue CE No. 76 - Unchartered Drain Pipe in Wan Po Road between CH.A1+12 and CH.A1+14 | 0 days | Fri 30/10/20 | Fri 30/10/20 | Calendar Day | | | 100% | Fri 30/10/20 | Fri 30/10/20 |

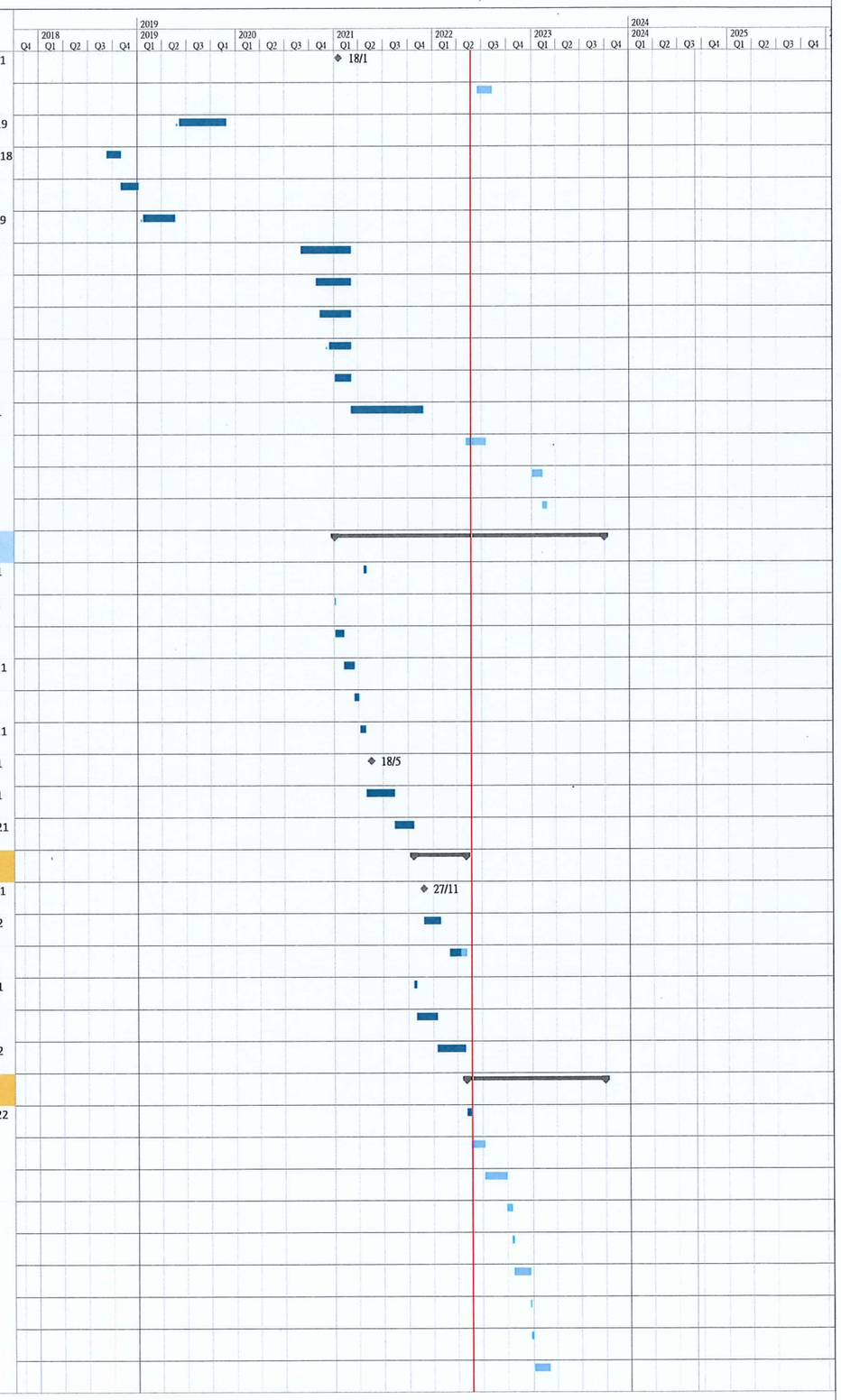



Working Programme No. 15
Data Date : 24 May 2022

Task | Split | Milestone | Summary | Project Summary | Inactive Task | Inactive Milestone | Inactive Summary | Manual Task | Duration-only | Manual Summary Rollup | Manual Summary | Start-only | Finish-only | External Tasks | External Milestone | Deadline | Critical | Critical Split | Progress | Manual Progress

Project: Mainlaying in Tseung Kwan O

| ID | Task Name | Duration | Start | Finish | Task Calendar | Predecessors | Successors | % Complete | Actual Start | Actual Finish |
|---|---|---|---|---|---|---|---|---|---|---|
| 169 | Issue CE No. 96 - Diversion of Uncharged Irrigation pipe at CH.A2+34 at Wan Po Road | 0 days | Mon 18/1/21 | Mon 18/1/21 | Calendar Day | | | 100% | Mon 18/1/21 | Mon 18/1/21 |
| 170 | CH.A0+00 - CH.A0+14 OC | 45 days | Thu 16/6/22 | Mon 8/8/22 | HK Working Day | 139 | | 0% | NA | NA |
| 171 | CH.A0+14 - CH.A0+50 OC | 156 days | Thu 23/5/19 | Tue 26/11/19 | HK Working Day | | | 100% | Thu 23/5/19 | Tue 26/11/19 |
| 172 | CH.A0+50 - CH.A1+50 OC | 42 days | Mon 10/9/18 | Wed 31/10/18 | HK Working Day | | | 100% | Mon 10/9/18 | Wed 31/10/18 |
| 173 | CH.A1+50 - CH.A1+60 OC | 53 days | Thu 1/11/18 | Fri 4/1/19 | HK Working Day | | | 100% | Thu 1/11/18 | Fri 4/1/19 |
| 174 | CH.A1+60 - CH.A2+14 OC | 107 days | Sat 5/1/19 | Mon 20/5/19 | HK Working Day | | | 100% | Sat 5/1/19 | Mon 20/5/19 |
| 175 | CH.A2+14 - CH.A2+30 OC | 150 days | Tue 1/9/20 | Thu 4/3/21 | HK Working Day | | | 100% | Tue 1/9/20 | Thu 4/3/21 |
| 176 | CH.A2+30 - CH.A2+46 OC | 105 days | Tue 27/10/20 | Thu 4/3/21 | HK Working Day | | | 100% | Tue 27/10/20 | Thu 4/3/21 |
| 177 | CH.A2+46 - CH.A2+70 OC | 93 days | Tue 10/11/20 | Thu 4/3/21 | HK Working Day | | 178 | 100% | Tue 10/11/20 | Thu 4/3/21 |
| 178 | CH.A2+70 - CH.A2+86 OC | 74 days | Wed 2/12/20 | Thu 4/3/21 | HK Working Day | 177 | | 100% | Wed 2/12/20 | Thu 4/3/21 |
| 179 | CH.A2+86 - CH.A2+94 OC | 48 days | Tue 5/1/21 | Thu 4/3/21 | HK Working Day | | 180 | 100% | Tue 5/1/21 | Thu 4/3/21 |
| 180 | CH.A2+94 - CH.A3+34.5 OC (Excluding Road reinstatement | 218 days | Fri 5/3/21 | Fri 26/11/21 | HK Working Day | 179 | 195 | 100% | Fri 5/3/21 | Fri 26/11/21 |
| 181 | CH.A3+34.5 - CH.A3+60 OC with DN150 DAV | 60 days | Wed 4/5/22 | Fri 15/7/22 | HK Working Day | 197 | 182 | 0% | NA | NA |
| 182 | CH.A3+60 and connecting to Pit 1 | 30 days | Tue 3/1/23 | Thu 9/2/23 | HK Working Day | 209,181 | 211,183 | 0% | NA | NA |
| 183 | Road reinstatement CH.A2+94 - CH.3+60 | 14 days | Fri 10/2/23 | Sat 25/2/23 | HK Working Day | 182 | | 0% | NA | NA |
| 184 | **Trenchless Works (Pit 1 to Pit 2)** | **811 days** | **Mon 4/1/21** | **Thu 28/9/23** | **HK Working Day** | | **762** | **61%** | **Mon 4/1/21** | **NA** |
| 185 | Ground Investigation & Drilling Bored Hole at Receiving Pit 1 | 9 days | Tue 20/4/21 | Thu 29/4/21 | HK Working Day | | 192 | 100% | Tue 20/4/21 | Thu 29/4/21 |
| 186 | Setting out the inspection Pit for Jacking Pit 2 | 1 day | Mon 4/1/21 | Mon 4/1/21 | HK Working Day | | 187 | 100% | Mon 4/1/21 | Mon 4/1/21 |
| 187 | Mobilization and Excavation of Inspection Pit at Pit 2 | 28 days | Tue 5/1/21 | Fri 5/2/21 | HK Working Day | 186 | 188 | 100% | Tue 5/1/21 | Fri 5/2/21 |
| 188 | Review alternative location for Pit 2 by WSD | 29 days | Sat 6/2/21 | Mon 15/3/21 | HK Working Day | 187 | 189 | 100% | Sat 6/2/21 | Mon 15/3/21 |
| 189 | Mobilization and excavation of Inspection Pit 2 after relocation | 15 days | Tue 16/3/21 | Thu 1/4/21 | HK Working Day | 188 | 190 | 100% | Tue 16/3/21 | Thu 1/4/21 |
| 190 | Mobilization; Ground Investigation & Drilling Bored Hole at Receiving Pit 2 | 17 days | Wed 7/4/21 | Mon 26/4/21 | HK Working Day | 189 | 192 | 100% | Wed 7/4/21 | Mon 26/4/21 |
| 191 | Issue EWN no. 405 | 0 days | Tue 18/5/21 | Tue 18/5/21 | HK Working Day | | | 100% | Tue 18/5/21 | Tue 18/5/21 |
| 192 | Subletting and Re-Design for Pit 1 & Pit 2 (Changing from conventional sheet piling method to pipe pilling method | 84 days | Fri 30/4/21 | Tue 10/8/21 | HK Working Day | 185,190 | 193 | 100% | Fri 30/4/21 | Tue 10/8/21 |
| 193 | Tendering, Subletting and Award for Constructing Pit 1 & Pit 2 (Pipe Pilling Method) | 57 days | Wed 11/8/21 | Tue 19/10/21 | HK Working Day | 192 | 198,196 | 100% | Wed 11/8/21 | Tue 19/10/21 |
| 194 | **Construction of Jacking / Receiving Pits** | **157 days** | **Wed 20/10/21** | **Tue 3/5/22** | **HK Working Day** | | | **94%** | **Wed 20/10/21** | **NA** |
| 195 | Renopipe Release the working area for Luen Hing at Pit 1 | 0 days | Sat 27/11/21 | Sat 27/11/21 | HK Working Day | 180 | 196 | 100% | Sat 27/11/21 | Sat 27/11/21 |
| 196 | Set up and Driving Pipe Piles and Grouting for Pit 1 | 50 days | Sat 27/11/21 | Thu 27/1/22 | HK Working Day | 195,193 | 197 | 100% | Sat 27/11/21 | Thu 27/1/22 |
| 197 | Excavation and ELS installation for Pit 1 | 48 days | Thu 3/3/22 | Tue 3/5/22 | HK Working Day | 196 | 208,181 | 70% | Thu 3/3/22 | NA |
| 198 | Renopipe Release the working area for Luen Hing TTA Implement at Pit 2 | 9 days | Wed 20/10/21 | Fri 29/10/21 | HK Working Day | 193 | 199 | 100% | Wed 20/10/21 | Fri 29/10/21 |
| 199 | Mobilization, Establishment, Driving Pipe Piles and Grouting for Pit 2 | 63 days | Sat 30/10/21 | Fri 14/1/22 | HK Working Day | 198 | 200 | 100% | Sat 30/10/21 | Fri 14/1/22 |
| 200 | Excavation and ELS installation for Pit 2 | 82 days | Sat 15/1/22 | Thu 28/4/22 | HK Working Day | 199 | 203 | 100% | Sat 15/1/22 | Thu 28/4/22 |
| 201 | **TMB Pipe Jacking Pit 1- Pit 2** | **420 days** | **Wed 4/5/22** | **Thu 28/9/23** | **HK Working Day** | | | **4%** | **Wed 4/5/22** | **NA** |
| 202 | Additional GI Works beside Pit 2 | 12 days | Wed 4/5/22 | Wed 18/5/22 | HK Working Day | | 203 | 100% | Wed 4/5/22 | Wed 18/5/22 |
| 203 | Mobilization & setup at Pit 2 | 40 days | Thu 19/5/22 | Wed 6/7/22 | HK Working Day | 200,202 | 204 | 0% | NA | NA |
| 204 | TBM Jacking Sleeve Pipe (L=138m, 2m/day) | 69 days | Thu 7/7/22 | Mon 26/9/22 | HK Working Day | 203 | 205 | 0% | NA | NA |
| 205 | Grouting and Remove Setup including Thrust Wall | 14 days | Tue 27/9/22 | Fri 14/10/22 | HK Working Day | 204 | 206 | 0% | NA | NA |
| 206 | Setup Guard Rail | 6 days | Sat 15/10/22 | Fri 21/10/22 | HK Working Day | 205 | 207 | 0% | NA | NA |
| 207 | Pipe Laying inside Sleeve Pipe (8m pipe, 3 days per Joint) | 51 days | Sat 22/10/22 | Tue 20/12/22 | HK Working Day | 206 | 208 | 0% | NA | NA |
| 208 | Formwork & Setup for Grouting the Gap between Pipe and Sleeve | 3 days | Wed 21/12/22 | Fri 23/12/22 | HK Working Day | 207,197 | 209 | 0% | NA | NA |
| 209 | Grouting Works (30m/day) | 5 days | Sat 24/12/22 | Sat 31/12/22 | HK Working Day | 208 | 210,182 | 0% | NA | NA |
| 210 | Construction of Combined Inspection and Washout Chamber Type I at Pit 2 | 45 days | Tue 3/1/23 | Mon 27/2/23 | HK Working Day | 209 | 217,218,220 | 0% | NA | NA |




Working Programme No. 15
Data Date : 24 May 2022

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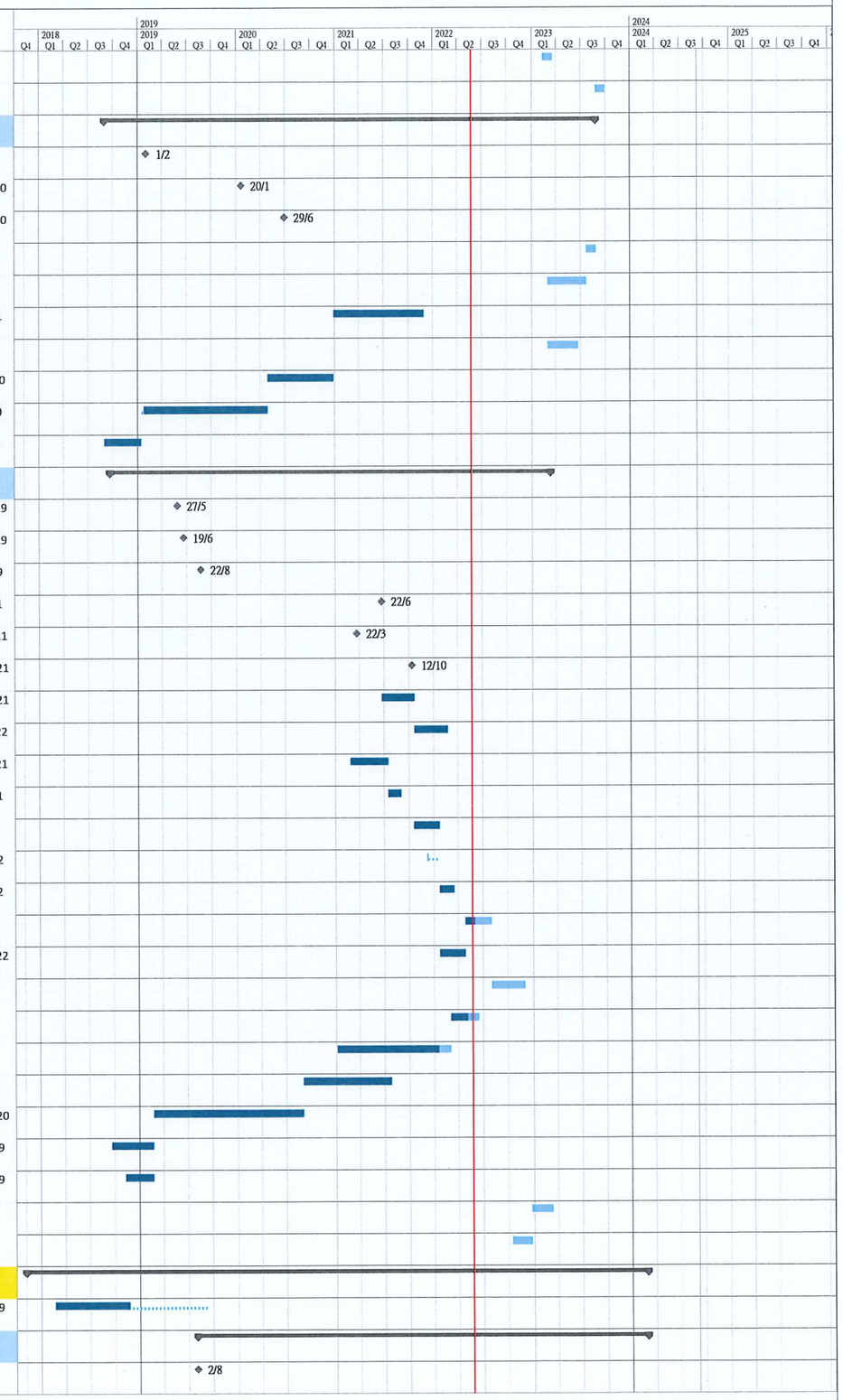
Project: Mainlaying in Tseung Kwan O

| ID | Task Name | Duration | Start | Finish | Task Calendar | Predecessors | Successors | % Complete | Actual Start | Actual Finish |
|---|---|---|---|---|---|---|---|---|---|---|
| 211 | Backfill, Remove ELS and Road Reinstatement at Pit 1 | 30 days | Fri 10/2/23 | Thu 16/3/23 | HK Working Day | 182 | | 0% | NA | NA |
| 212 | Backfill, Remove ELS and Road Reinstatement at Pit 2 | 30 days | Fri 25/8/23 | Thu 28/9/23 | HK Working Day | 217 | | 0% | NA | NA |
| 213 | **Open Cut CH.A5+29.5 (Pit 2) to CH.A7+12** | **1476 days** | **Thu 30/8/18** | **Thu 24/8/23** | **HK Working Day** | | **762** | **80%** | **Thu 30/8/18** | **NA** |
| 214 | Issue CE No. 06 - Unforeseen Underground Condition during Trench Excavation for Mainlaying at Wan Po Road between CH.A6+90 and CH.A7+10 | 0 days | Fri 1/2/19 | Fri 1/2/19 | Calendar Day | | | 100% | Fri 1/2/19 | Fri 1/2/19 |
| 215 | Issue CE No. 22 - Instruction to change in Mainlayign Method at Wan Po Road between CH.A6+54 and A6+61 | 0 days | Mon 20/1/20 | Mon 20/1/20 | Calendar Day | | | 100% | Mon 20/1/20 | Mon 20/1/20 |
| 216 | Issue CE No. 25 - Unforeseen Underground Conditions during Trench Excavation at Wan Po Road between CH.A6+68 and CH.A6+88 | 0 days | Mon 29/6/20 | Mon 29/6/20 | Calendar Day | | | 100% | Mon 29/6/20 | Mon 29/6/20 |
| 217 | CH.A5+16 and Connecting to Pit 2 | 30 days | Fri 21/7/23 | Thu 24/8/23 | HK Working Day | 210,218 | 212 | 0% | NA | NA |
| 218 | CH.A5+16 - CH.A5+27 OC with DN900 Valve Chamber | 115 days | Tue 28/2/23 | Thu 20/7/23 | HK Working Day | 219,210 | 217 | 0% | NA | NA |
| 219 | CH.A6+54 - CH.A5+27 OC with SACP (CH.A6+00 - CH.A6+20) | 272 days | Mon 28/12/20 | Fri 26/11/21 | HK Working Day | 221 | 218,220 | 100% | Mon 28/12/20 | Fri 26/11/21 |
| 220 | Construction of Tee Branch and Monitoting Chamber at CH.A5+35 | 90 days | Tue 28/2/23 | Mon 19/6/23 | HK Working Day | 210,219 | | 0% | NA | NA |
| 221 | CH.A6+20 - CH.A6+54 OC | 205 days | Wed 22/4/20 | Sat 26/12/20 | HK Working Day | 222 | 219 | 100% | Wed 22/4/20 | Sat 26/12/20 |
| 222 | CH.A6+54 - CH.A6+70 OC + Handshield | 378 days | Mon 14/1/19 | Sun 26/4/20 | HK Working Day | | 221 | 100% | Mon 14/1/19 | Sun 26/4/20 |
| 223 | CH.A6+70 - CH.A7+12 OC | 111 days | Thu 30/8/18 | Sat 12/1/19 | HK Working Day | | 233 | 100% | Thu 30/8/18 | Sat 12/1/19 |
| 224 | **Open Cut CH.A7+12 to CH.A13+79.5** | **1323 days** | **Wed 19/9/18** | **Thu 9/3/23** | **HK Working Day** | | **762,763** | **85%** | **Wed 19/9/18** | **NA** |
| 225 | Issue CE No. 18 - Unforeseen Ground Condition at open trench of Mainlaying at Wan Po Road between CH/A12+89 and Ch.A13+04 | 0 days | Mon 27/5/19 | Mon 27/5/19 | Calendar Day | | | 100% | Mon 27/5/19 | Mon 27/5/19 |
| 226 | Issue CE No. 20 - Traffic Count and Preliminary Traffic Analysis in Po Lam Road and Tsui Lam Road | 0 days | Wed 19/6/19 | Wed 19/6/19 | Calendar Day | | | 100% | Wed 19/6/19 | Wed 19/6/19 |
| 227 | Issue CE No. 19 - Change in Design of Gate Valve Chamber at Wan Po Road near CH.A12+40 | 0 days | Thu 22/8/19 | Thu 22/8/19 | Calendar Day | | | 100% | Thu 22/8/19 | Thu 22/8/19 |
| 228 | Issue CE No. 84 - Realignment of Water main in Wan Po Road Between CH.A7+35 - CH.ACH,A8+30 | 0 days | Tue 22/6/21 | Tue 22/6/21 | Calendar Day | | 231 | 100% | Tue 22/6/21 | Tue 22/6/21 |
| 229 | Issue CE No. 109 - Manual Excavation under Unexpectedly Long and Continuous Extend of UU obstruction in Wan Po Road at CH.A11+80 | 0 days | Mon 22/3/21 | Mon 22/3/21 | Calendar Day | | | 100% | Mon 22/3/21 | Mon 22/3/21 |
| 230 | Issue CE No. 127 - Manual Excavation under Unexpectedly long and contonuous extent of UU obstruction in Wan Po Road at CH. A0+88 | 0 days | Tue 12/10/21 | Tue 12/10/21 | Calendar Day | | | 100% | Tue 12/10/21 | Tue 12/10/21 |
| 231 | Tendering, Subletting and Award for Trenchless Works (CE No. 84) | 99 days | Tue 22/6/21 | Tue 19/10/21 | HK Working Day | 228 | 232 | 100% | Tue 22/6/21 | Tue 19/10/21 |
| 232 | Submission and approval of Method Statement of Hand shield for CE No. 84 | 101 days | Wed 20/10/21 | Mon 21/2/22 | HK Working Day | 231 | | 100% | Wed 20/10/21 | Mon 21/2/22 |
| 233 | CH.A7+12 - CH.A7+30 OC | 111 days | Fri 26/2/21 | Wed 14/7/21 | HK Working Day | 223 | 234 | 100% | Fri 26/2/21 | Wed 14/7/21 |
| 234 | CH.A7+30 - CH.A7+34 OC | 41 days | Thu 15/7/21 | Tue 31/8/21 | HK Working Day | 233 | 235 | 100% | Thu 15/7/21 | Tue 31/8/21 |
| 235 | CH.A7+34 - CH.A7+50 OC | 80 days | Mon 18/10/21 | Fri 21/1/22 | HK Working Day | 234 | 236,239 | 100% | Mon 18/10/21 | Fri 21/1/22 |
| 236 | CH.A7+50 - CH.A7+58 OC | 36 days | Tue 7/12/21 | Thu 20/1/22 | HK Working Day | 235 | 240,237 | 100% | Tue 7/12/21 | Thu 20/1/22 |
| 237 | CH.A7+58 - CH.A7+82 OC | 43 days | Fri 21/1/22 | Tue 15/3/22 | HK Working Day | 236 | 240,238 | 100% | Fri 21/1/22 | Tue 15/3/22 |
| 238 | CH.A7+82 - CH.A8+23 Trenchless (Mobilization, Setup and Handshield) | 85 days | Tue 19/4/22 | Sat 30/7/22 | HK Working Day | 237,239 | 240 | 35% | Tue 19/4/22 | NA |
| 239 | CH.A8+23 - CH.A8+63 OC | 74 days | Fri 21/1/22 | Mon 25/4/22 | HK Working Day | 235 | 238,240 | 100% | Fri 21/1/22 | Mon 25/4/22 |
| 240 | CH.A8+63 - CH.A9+37 OC | 100 days | Mon 1/8/22 | Mon 28/11/22 | HK Working Day | 236,238,237,239 | | 0% | NA | NA |
| 241 | CH.A9+37 - CH.A10+18 OC | 81 days | Thu 3/3/22 | Mon 13/6/22 | HK Working Day | | | 60% | Thu 3/3/22 | NA |
| 242 | CH.A10+18 - CH.A11+51 OC | 340 days | Tue 5/1/21 | Mon 28/2/22 | HK Working Day | | | 90% | Tue 5/1/21 | NA |
| 243 | CH.A11+51 - CH.A12+12 OC with DN600 IT & DN300 Washout Chamber at CH.A12+00 | 263 days | Tue 1/9/20 | Fri 23/7/21 | HK Working Day | 244 | | 100% | Tue 1/9/20 | Fri 23/7/21 |
| 244 | CH.A12+12 - CH.A12+50 OC With DN900 Valve Chamber | 451 days | Sat 23/2/19 | Mon 31/8/20 | HK Working Day | 245,246 | 243 | 100% | Sat 23/2/19 | Mon 31/8/20 |
| 245 | CH.A12+50 - CH.A12+95 OC | 125 days | Wed 19/9/18 | Thu 21/2/19 | HK Working Day | | 244 | 100% | Wed 19/9/18 | Thu 21/2/19 |
| 246 | CH.A12+95 - CH.A13+13 OC | 84 days | Fri 9/11/18 | Thu 21/2/19 | HK Working Day | | 244 | 100% | Fri 9/11/18 | Thu 21/2/19 |
| 247 | CH.A13+13 - CH.A13+40 OC + DN150 DAV | 60 days | Fri 23/12/22 | Thu 9/3/23 | HK Working Day | 248 | | 0% | NA | NA |
| 248 | CH.A13+40 -CH.A 13+80 OC from Open Cut Trench to Jacking Pit A | 60 days | Fri 14/10/22 | Thu 22/12/22 | HK Working Day | 280 | 247,293 | 0% | NA | NA |
| 249 | **Trenchless Work at Wan Po Road From Pit A to Pit F** | **1866 days** | **Tue 7/11/17** | **Mon 26/2/24** | **HK Working Day** | | | **56%** | **Tue 7/11/17** | **NA** |
| 250 | Trial Pit Excavation for Pit 1 to Pit 20 | 462 days | Tue 20/2/18 | Tue 10/9/19 | HK Working Day | 79 | | 100% | Tue 20/2/18 | Tue 10/9/19 |
| 251 | **Trenchless Works (Pit A to Pit D)** | **1354 days** | **Fri 2/8/19** | **Mon 26/2/24** | **HK Working Day** | | **763** | **51%** | **Fri 2/8/19** | **NA** |
| 252 | Issue CE No. 27 - Underground Utilities Detection Survey for Working Pit D (CH. A22+75) | 0 days | Fri 2/8/19 | Fri 2/8/19 | Calendar Day | | | 100% | Fri 2/8/19 | Fri 2/8/19 |

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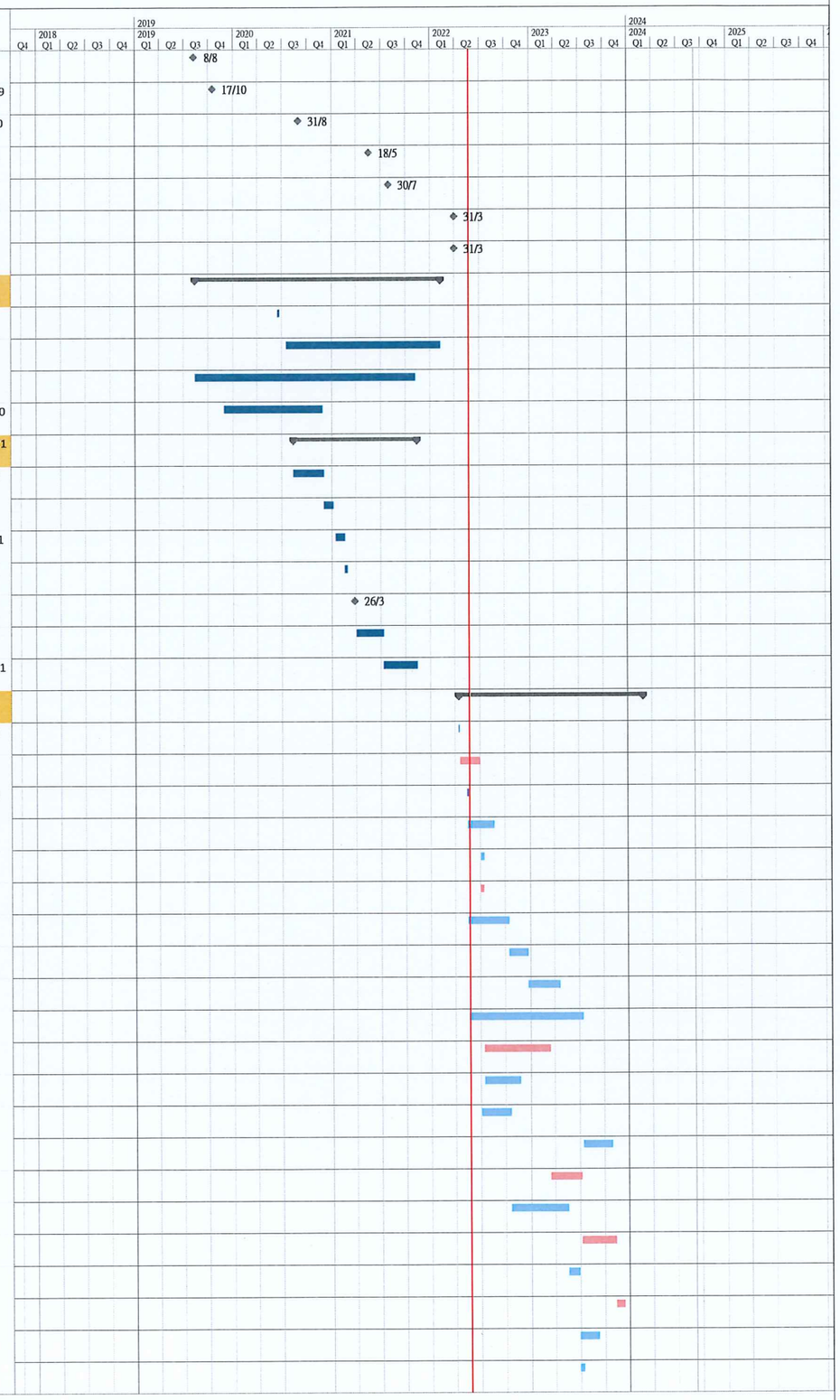
Project: Mainlaying in Tseung Kwan O

| ID | Task Name | Duration | Start | Finish | Task Calendar | Predecessors | Successors | % Complete | Actual Start | Actual Finish |
|---|---|---|---|---|---|---|---|---|---|---|
| 253 | Issue CE No. 21 - Temporary Diversion of Uncharted Underground Utilities near Wan O Road at CH. A16+00 (Pit B) | 0 days | Thu 8/8/19 | Thu 8/8/19 | Calendar Day | | | 100% | Thu 8/8/19 | Thu 8/8/19 |
| 254 | Issue CE No. 29 - Tree Transplant Works near CHA13+70 | 0 days | Thu 17/10/19 | Thu 17/10/19 | Calendar Day | | | 100% | Thu 17/10/19 | Thu 17/10/19 |
| 255 | Issue CE No. 32 - Additional grouting Treatment works at Pit B in Wan Po Road near Wan O Road | 0 days | Mon 31/8/20 | Mon 31/8/20 | Calendar Day | | | 100% | Mon 31/8/20 | Mon 31/8/20 |
| 256 | Issue CE No. 118 - Non-destructive Void Detection Survey in TKO Area 137 between 137Pit A and 137Pit B | 0 days | Tue 18/5/21 | Tue 18/5/21 | Calendar Day | | | 100% | Tue 18/5/21 | Tue 18/5/21 |
| 257 | Issue CE No. 123 - Void Detection Survey in Wan Po Road between Pit A to Pit C | 0 days | Fri 30/7/21 | Fri 30/7/21 | Calendar Day | | | 100% | Fri 30/7/21 | Fri 30/7/21 |
| 258 | Expected CE No. 52 - Relocation of Working pits for Trenchless Works in Wan Po Road (Pit B to Pit D) | 0 days | Thu 31/3/22 | Thu 31/3/22 | Calendar Day | | 259 | 0% | NA | NA |
| 259 | Expected CE No. 58 - Relocation of Working pits for Trenchless Works in Wan Po Road (Pit A to Pit B) | 0 days | Thu 31/3/22 | Thu 31/3/22 | Calendar Day | 258 | | 0% | NA | NA |
| 260 | **Construction of Jacking / Receiving Pit A, B & C** | **737 days** | **Mon 12/8/19** | **Sun 6/2/22** | **HK Working Day** | | | **100%** | **Mon 12/8/19** | **Sun 6/2/22** |
| 261 | Removal of Existing Planter for Jacking Pit A | 6 days | Mon 15/6/20 | Sat 20/6/20 | HK Working Day | | 262 | 100% | Mon 15/6/20 | Sat 20/6/20 |
| 262 | Jacking Pit A with additional ground grouting works | 462 days | Fri 17/7/20 | Sun 6/2/22 | HK Working Day | 261 | | 100% | Fri 17/7/20 | Sun 6/2/22 |
| 263 | Jacking / Receiving Pit B with additional ground grouting works | 664 days | Mon 12/8/19 | Fri 5/11/21 | HK Working Day | | 299 | 100% | Mon 12/8/19 | Fri 5/11/21 |
| 264 | Receiving Pit C with additional ground grouting works | 295 days | Fri 29/11/19 | Thu 26/11/20 | HK Working Day | | | 100% | Fri 29/11/19 | Thu 26/11/20 |
| 265 | **Construction of Jacking pit D** | **372 days** | **Wed 12/8/20** | **Thu 11/11/21** | **HK Working Day** | | | **100%** | **Wed 12/8/20** | **Thu 11/11/21** |
| 266 | TTA submission and Approval , Suspension of Parking Meters and TTA Implement for Jacking Pit D | 112 days | Wed 12/8/20 | Tue 1/12/20 | Calendar Day | | 267 | 100% | Wed 12/8/20 | Tue 1/12/20 |
| 267 | Inspection Pits & GI Works for Jacking Pit D | 27 days | Wed 2/12/20 | Tue 5/1/21 | HK Working Day | 266 | 317,268 | 100% | Wed 2/12/20 | Tue 5/1/21 |
| 268 | Design Submission with ICE Certificate for Jacking Pit D | 26 days | Fri 15/1/21 | Wed 17/2/21 | HK Working Day | 267 | 269,270 | 100% | Fri 15/1/21 | Wed 17/2/21 |
| 269 | Approval of Design of Jacking Pit D | 8 days | Thu 18/2/21 | Fri 26/2/21 | HK Working Day | 268 | 271 | 100% | Thu 18/2/21 | Fri 26/2/21 |
| 270 | Approval Existing Sub-contractor to carry out Construction of Jacking Pit D | 0 days | Fri 26/3/21 | Fri 26/3/21 | HK Working Day | 268 | 271 | 100% | Fri 26/3/21 | Fri 26/3/21 |
| 271 | Mobilization and Pipe Pile Wall Construction for Jacking Pit D | 78 days | Thu 1/4/21 | Fri 9/7/21 | HK Working Day | 270,269 | 272 | 100% | Thu 1/4/21 | Fri 9/7/21 |
| 272 | Construction of Jacking Pit D at Car Park | 104 days | Sat 10/7/21 | Thu 11/11/21 | HK Working Day | 271 | 303 | 100% | Sat 10/7/21 | Thu 11/11/21 |
| 273 | **New Routing From Pit A to Pit D)** | **553 days** | **Thu 14/4/22** | **Mon 26/2/24** | **HK Working Day** | | | **0%** | **Thu 14/4/22** | **NA** |
| 274 | Verbal Instructed to Change Pit A to Pit D by Trenchless Method to Open Cut Method & Handshield | 1 day | Thu 14/4/22 | Thu 14/4/22 | HK Working Day | | 275 | 100% | Thu 14/4/22 | Thu 14/4/22 |
| 275 | XP Application for WPR, SKR and Open Trench at Shek Kok Road | 60 days | Tue 19/4/22 | Thu 30/6/22 | HK Working Day | 274 | 278,279,286 | 0% | NA | NA |
| 276 | Trial Pit Excavation at Pit A1 | 3 days | Sat 14/5/22 | Tue 17/5/22 | HK Working Day | | | 100% | Sat 14/5/22 | Tue 17/5/22 |
| 277 | Remove Central Divider between Wan O Road amd Shek Kok Road | 81 days | Mon 16/5/22 | Fri 19/8/22 | HK Working Day | | | 0% | Mon 16/5/22 | NA |
| 278 | Trial Pit Excavation at Pit WPR | 10 days | Sat 2/7/22 | Wed 13/7/22 | HK Working Day | 275 | 287 | 0% | NA | NA |
| 279 | Trial Pit Excavation at Pit SKR | 10 days | Sat 2/7/22 | Wed 13/7/22 | HK Working Day | 275 | 288,285,284 | 0% | NA | NA |
| 280 | Pipe Laying (OC) from Pit A1 towward KLN (124m) | 124 days | Tue 17/5/22 | Thu 13/10/22 | HK Working Day | | 281,248 | 0% | Tue 17/5/22 | NA |
| 281 | Pipe Laying (OC) from WPR (N/B)(the 1st Lane to the 3rd lane) (30m) | 60 days | Fri 14/10/22 | Thu 22/12/22 | HK Working Day | 280 | 282 | 0% | NA | NA |
| 282 | Pipe Laying (OC) crossing WPR Junction with Wan O Road to Central Divider (73m) | 90 days | Fri 23/12/22 | Tue 18/4/23 | HK Working Day | 281 | | 0% | NA | NA |
| 283 | Pipe Laying (OC) along Central Divider to Pit WPR (340m) | 340 days | Fri 20/5/22 | Wed 12/7/23 | HK Working Day | | 295,287 | 0% | Fri 20/5/22 | NA |
| 284 | Pipe Laying (OC) from Pit SKR to Pit D (1st 200m) | 200 days | Thu 14/7/22 | Tue 14/3/23 | HK Working Day | 279 | 288 | 0% | NA | NA |
| 285 | Pipe Laying (OC) from Pit SKR to Pit D (Remaining 110m) | 110 days | Thu 14/7/22 | Tue 22/11/22 | HK Working Day | 279 | 297 | 0% | NA | NA |
| 286 | Construction of Pit A1 | 90 days | Sat 2/7/22 | Tue 18/10/22 | HK Working Day | 275 | 289 | 0% | NA | NA |
| 287 | Construction of Pit WPR | 90 days | Thu 13/7/23 | Sat 28/10/23 | HK Working Day | 278,283 | | 0% | NA | NA |
| 288 | Construction of Pit SKR | 90 days | Wed 15/3/23 | Thu 6/7/23 | HK Working Day | 279,284 | 290 | 0% | NA | NA |
| 289 | Headshield Tunneling fom Pit A to Pit A1 (102m) | 170 days | Wed 19/10/22 | Wed 17/5/23 | HK Working Day | 286 | 291 | 0% | NA | NA |
| 290 | Headshield Tunneling fom Pit SKR to Pit WPR (64m) | 107 days | Fri 7/7/23 | Sat 11/11/23 | HK Working Day | 288 | 292 | 0% | NA | NA |
| 291 | MS Pipe Laying in Segment from Pit A to Pit A1 | 40 days | Thu 18/5/23 | Mon 26/6/23 | Calendar Day | 289 | 293,294 | 0% | NA | NA |
| 292 | MS Pipe Laying in Segment from Pit SKR to Pit WPR | 30 days | Sun 12/11/23 | Mon 11/12/23 | Calendar Day | 290 | 295,296 | 0% | NA | NA |
| 293 | Pipe Connection works & Construction Special Combined Insepction and Washout Chamber at Pit A | 60 days | Tue 27/6/23 | Tue 5/9/23 | HK Working Day | 291,248 | | 0% | NA | NA |
| 294 | Pipe Connection works at Pit A1 | 12 days | Tue 27/6/23 | Tue 11/7/23 | HK Working Day | 291 | | 0% | NA | NA |

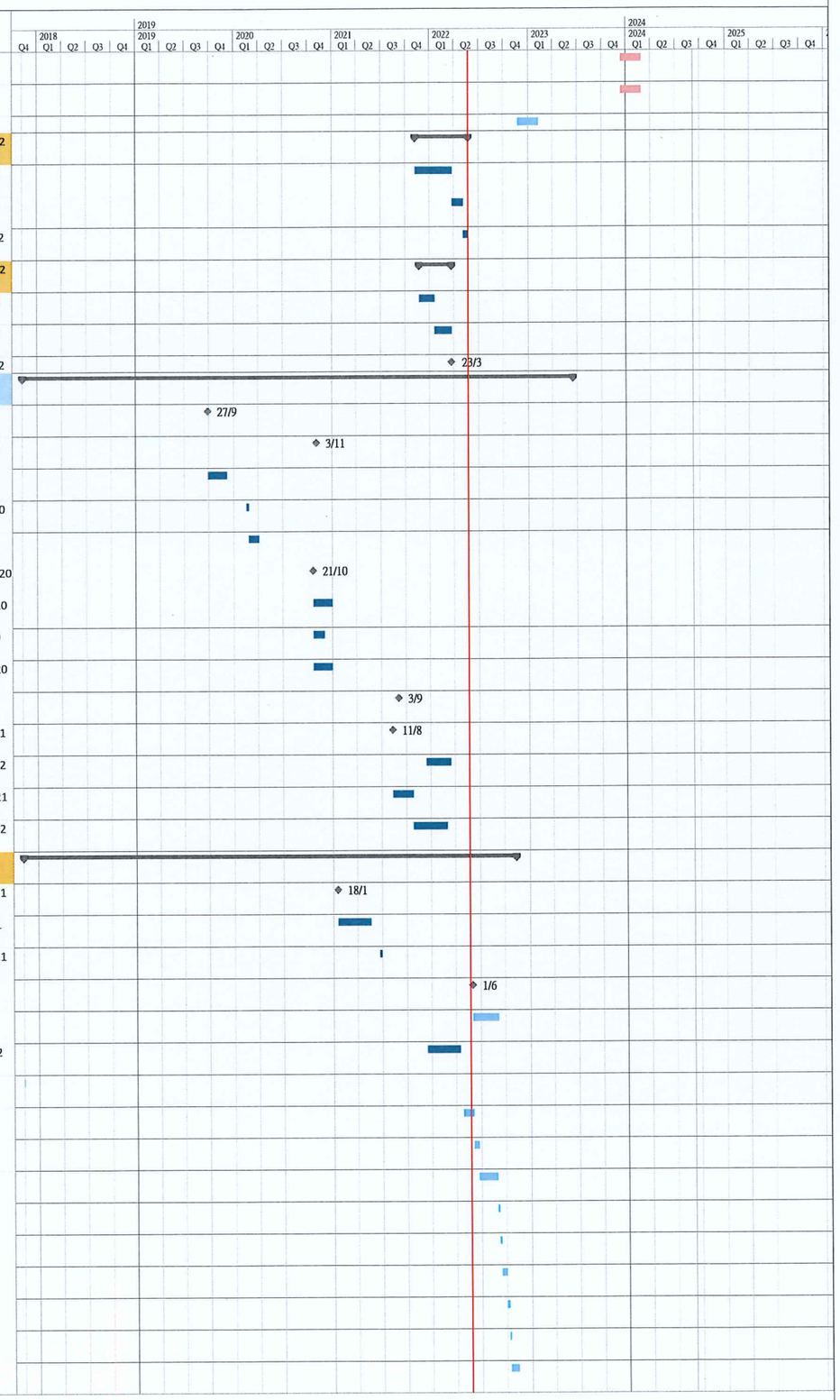



Working Programme No. 15
Data Date : 24 May 2022

Task | Split | Milestone | Summary | Project Summary | Inactive Task | Inactive Milestone | Inactive Summary | Manual Task | Duration-only | Manual Summary Rollup | Manual Summary | Start-only | Finish-only | External Tasks | External Milestone | Deadline | Critical | Critical Split | Progress | Manual Progress

Project: Mainlaying in Tseung Kwan O

| ID | Task Name | Duration | Start | Finish | Task Calendar | Predecessors | Successors | % Complete | Actual Start | Actual Finish |
|---|---|---|---|---|---|---|---|---|---|---|
| 295 | Pipe Connection Works and construction of Inspoection Chamber at Pit WPR | 60 days | Tue 12/12/23 | Mon 26/2/24 | HK Working Day | 292,283 | | 0% | NA | NA |
| 296 | Pipe Connection Works and construction of Washout Chamber at Pit SKR | 60 days | Tue 12/12/23 | Mon 26/2/24 | HK Working Day | 292 | | 0% | NA | NA |
| 297 | Pipe Connection Works and construction of Washout Chamber at Pit D | 60 days | Wed 23/11/22 | Tue 7/2/23 | HK Working Day | 285 | | 0% | NA | NA |
| 298 | **TBM Pipe Jacking (Pit B to Pit C)** | **157 days** | **Mon 8/11/21** | **Mon 23/5/22** | **HK Working Day** | | | **100%** | **Mon 8/11/21** | **Mon 23/5/22** |
| 299 | Establishment at Pit B with additional ground treatment for stopping water ingress | 112 days | Mon 8/11/21 | Thu 24/3/22 | HK Working Day | 263 | 300 | 100% | Mon 8/11/21 | Thu 24/3/22 |
| 300 | Jacking DN1600 Precast Concrete Sleeve Pipe From Pit B to Pit C (L=326m; 2.5m/day) | 30 days | Thu 24/3/22 | Wed 4/5/22 | HK Working Day | 299 | 301 | 100% | Thu 24/3/22 | Wed 4/5/22 |
| 301 | Extracting TBM and remove TBM from Pit B | 15 days | Thu 5/5/22 | Mon 23/5/22 | HK Working Day | 300 | | 100% | Thu 5/5/22 | Mon 23/5/22 |
| 302 | **TBM Pipe Jacking (Pit D to Pit C)** | **98 days** | **Mon 22/11/21** | **Wed 23/3/22** | **HK Working Day** | | | **100%** | **Mon 22/11/21** | **Wed 23/3/22** |
| 303 | Establishment at Pit D | 47 days | Mon 22/11/21 | Tue 18/1/22 | HK Working Day | 272 | 304 | 100% | Mon 22/11/21 | Tue 18/1/22 |
| 304 | DN1920 Steel Jacked Pipe (Pit D - Pit C) (CH.A19+26 to CH.A22+80) in Soil (370m; 2.5m/day) | 51 days | Wed 19/1/22 | Tue 22/3/22 | HK Working Day | 303 | | 100% | Wed 19/1/22 | Tue 22/3/22 |
| 305 | Pipe Jacking stopped on 23/3/2022 | 0 days | Wed 23/3/22 | Wed 23/3/22 | HK Working Day | | | 100% | Wed 23/3/22 | Wed 23/3/22 |
| 306 | **Form Pit D Crossing Wan Po Road and Lohas Park Road to TKO Landfill Stage I (Area A)** | **2046 days** | **Tue 7/11/17** | **Wed 14/6/23** | **Calendar Day** | | **763** | **55%** | **Tue 7/11/17** | **NA** |
| 307 | Issue CE No. 24 - Ground Investigation for Working Pit E, F and Trenchless Works across MT Tunnel | 0 days | Fri 27/9/19 | Fri 27/9/19 | Calendar Day | | 309 | 100% | Fri 27/9/19 | Fri 27/9/19 |
| 308 | Issue CE No. 80 - Site Clearance for Crossing Lohas Road Junction (Option 5) | 0 days | Tue 3/11/20 | Tue 3/11/20 | Calendar Day | | | 100% | Tue 3/11/20 | Tue 3/11/20 |
| 309 | Tender & Subletting | 71 days | Fri 27/9/19 | Fri 6/12/19 | Calendar Day | 307 | | 100% | Fri 27/9/19 | Fri 6/12/19 |
| 310 | Mobilization and Establishment of GI equipment | 7 days | Mon 17/2/20 | Mon 24/2/20 | HK Working Day | | 311 | 100% | Mon 17/2/20 | Mon 24/2/20 |
| 311 | Ground Investigation GI No. 3 | 33 days | Tue 25/2/20 | Thu 2/4/20 | HK Working Day | 310 | | 100% | Tue 25/2/20 | Thu 2/4/20 |
| 312 | Issue CE No. 77 - Design of Water Main Structure and Modification Works to the Affected Geotechnical Features in Wan Po Road and Lohas Park Road | 0 days | Wed 21/10/20 | Wed 21/10/20 | Calendar Day | | 313,314,315 | 100% | Wed 21/10/20 | Wed 21/10/20 |
| 313 | Quotation Submission and Acceptant for CE No. 77 | 72 days | Wed 21/10/20 | Thu 31/12/20 | Calendar Day | 312 | | 100% | Wed 21/10/20 | Thu 31/12/20 |
| 314 | CE No. 77 - Submission of Geotechnical Assessment Repot | 42 days | Wed 21/10/20 | Tue 1/12/20 | Calendar Day | 312 | | 100% | Wed 21/10/20 | Tue 1/12/20 |
| 315 | CE No. 77 - Design Submission | 72 days | Wed 21/10/20 | Thu 31/12/20 | Calendar Day | 312 | 316,317 | 100% | Wed 21/10/20 | Thu 31/12/20 |
| 316 | CE No. 77 - Approval of Design Submission | 0 days | Fri 3/9/21 | Fri 3/9/21 | Calendar Day | 315 | | 100% | Fri 3/9/21 | Fri 3/9/21 |
| 317 | Issue CE No. 67 - Realignment of Water Main near Wan Po Road and Lohas Park Road | 0 days | Wed 11/8/21 | Wed 11/8/21 | Calendar Day | 267,315 | 319 | 100% | Wed 11/8/21 | Wed 11/8/21 |
| 318 | Obtain MTR's approval on the alignment and construction method about MTR's tunnels | 91 days | Mon 13/12/21 | Mon 14/3/22 | Calendar Day | 320FF | 348,347 | 100% | Mon 13/12/21 | Mon 14/3/22 |
| 319 | Tender Process and Tender Award for CE No. 67 | 77 days | Wed 11/8/21 | Tue 26/10/21 | Calendar Day | 317 | 320,363 | 100% | Wed 11/8/21 | Tue 26/10/21 |
| 320 | TTA approval and Implement for CE No. 67 | 125 days | Wed 27/10/21 | Mon 28/2/22 | Calendar Day | 319 | 348,318FF,347 | 100% | Wed 27/10/21 | Mon 28/2/22 |
| 321 | **Handshield Crossing Wan Po Road (CH.FA0+15 to CH.FA0+50)** | **1484 days** | **Tue 7/11/17** | **Thu 10/11/22** | **HK Working Day** | | | **48%** | **Tue 7/11/17** | **NA** |
| 322 | Issue CE No. 98 - Tree Felling at Lohas Park Road | 0 days | Mon 18/1/21 | Mon 18/1/21 | Calendar Day | | 323 | 100% | Mon 18/1/21 | Mon 18/1/21 |
| 323 | TPRP Submission and Approval for Tree at Slope Feature 12SW-A/FR102 | 121 days | Mon 18/1/21 | Tue 18/5/21 | Calendar Day | 322 | 324 | 100% | Mon 18/1/21 | Tue 18/5/21 |
| 324 | Tree Felling and Tree Works at Slope Feature 12SW-A/FR102 | 7 days | Mon 21/6/21 | Mon 28/6/21 | HK Working Day | 323 | | 100% | Mon 21/6/21 | Mon 28/6/21 |
| 325 | Approval TTA for Loading and Unloading at R27 | 0 days | Wed 1/6/22 | Wed 1/6/22 | HK Working Day | | 326 | 0% | NA | NA |
| 326 | Strengthen Works at Feature 12SW-A/R27 | 80 days | Wed 1/6/22 | Sat 3/9/22 | HK Working Day | 325 | | 0% | NA | NA |
| 327 | Strengthen Works at Feature 12SW-A/R28 | 98 days | Tue 14/12/21 | Thu 14/4/22 | HK Working Day | | 329 | 100% | Tue 14/12/21 | Thu 14/4/22 |
| 328 | Concrete coring and breaking opening on Retaining Wall (R27) | 1 day | Tue 7/11/17 | Tue 7/11/17 | None | | 335 | 0% | NA | NA |
| 329 | Concrete coring and breaking opening on Retaining Wall (R28) | 30 days | Wed 27/4/22 | Thu 2/6/22 | HK Working Day | 327 | 330 | 3% | Wed 27/4/22 | NA |
| 330 | Handshield Establishment | 14 days | Sat 4/6/22 | Mon 20/6/22 | HK Working Day | 329 | 331 | 0% | NA | NA |
| 331 | Mild Steel Sleeve Pipe in Soil Mix (35m; 0.6m/day) | 58 days | Tue 21/6/22 | Sat 27/8/22 | HK Working Day | 330 | 332 | 0% | NA | NA |
| 332 | Remove establishment | 6 days | Mon 29/8/22 | Sat 3/9/22 | HK Working Day | 331 | 333 | 0% | NA | NA |
| 333 | Setup for Pipe Laying inside jacking | 6 days | Mon 5/9/22 | Sat 10/9/22 | HK Working Day | 332 | 334 | 0% | NA | NA |
| 334 | DN900 MS Pipe Laying inside jacking pipe (35m) (say 3 days per 8m) | 15 days | Tue 13/9/22 | Thu 29/9/22 | HK Working Day | 333 | 335 | 0% | NA | NA |
| 335 | Formwork & Setup for Grouting the gap between pipe and Sleeve | 6 days | Fri 30/9/22 | Sat 8/10/22 | HK Working Day | 334,328 | 336 | 0% | NA | NA |
| 336 | Grouting Works (30 meter/day) | 4 days | Mon 10/10/22 | Thu 13/10/22 | HK Working Day | 335 | 337 | 0% | NA | NA |
| 337 | Pipe laying Works From Pit D to CH.FA0+15 | 24 days | Fri 14/10/22 | Thu 10/11/22 | HK Working Day | 336 | 339 | 0% | NA | NA |

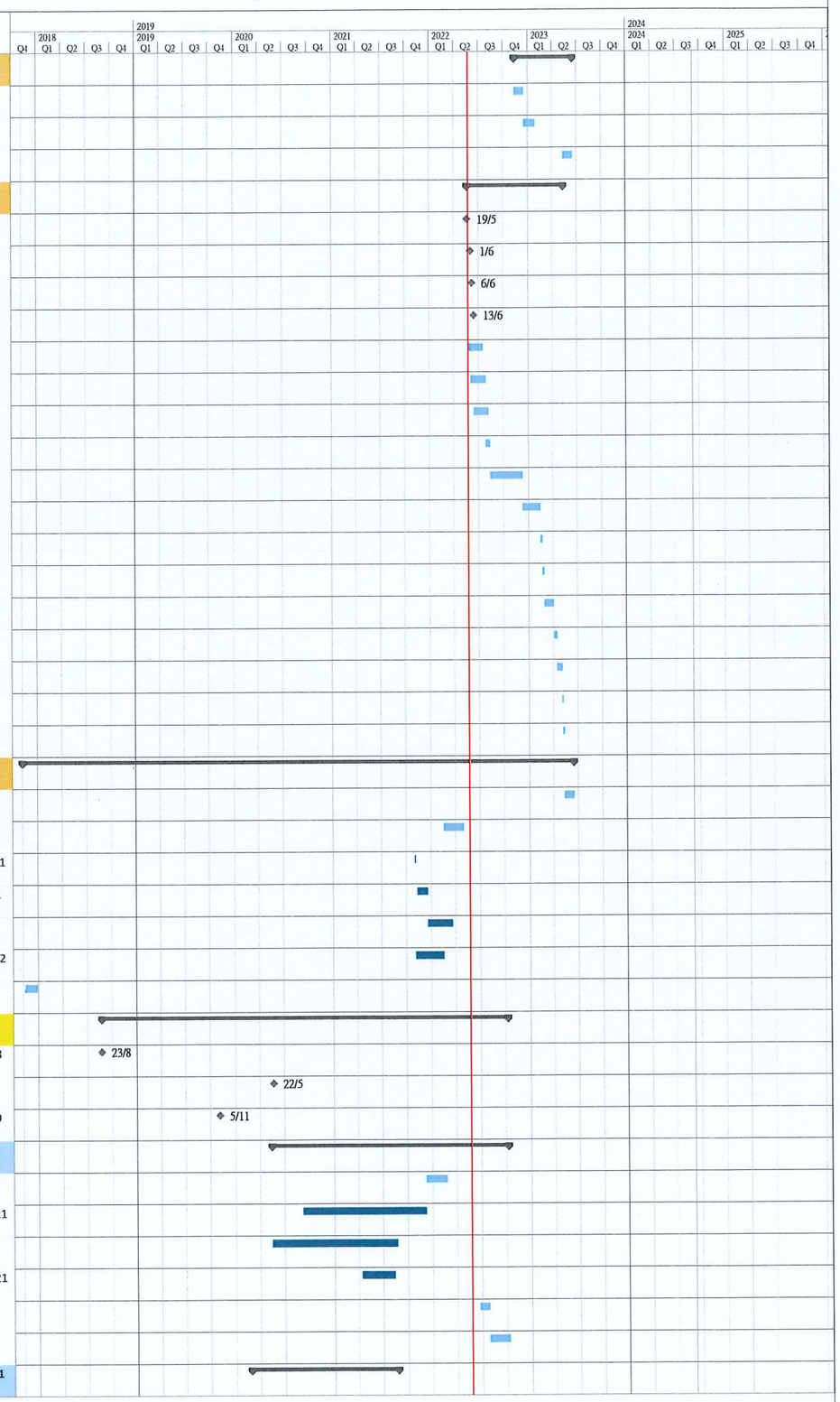



Working Programme No. 15
Data Date : 24 May 2022

Task | Split | Milestone | Summary | Project Summary | Inactive Task | Inactive Milestone | Inactive Summary | Manual Task | Duration-only | Manual Summary Rollup | Manual Summary | Start-only | Finish-only | External Tasks | External Milestone | Deadline | Critical | Critical Split | Progress | Manual Progress

Project: Mainlaying in Tseung Kwan O

| ID | Task Name | Duration | Start | Finish | Task Calendar | Predecessors | Successors | % Complete | Actual Start | Actual Finish |
|---|---|---|---|---|---|---|---|---|---|---|
| 338 | **Vertical Pipes, Exposed Pipes & Burned Pipes above MTR Tunnels (CH.FA0+50 to CH.FA0+85)** | **173 days** | **Fri 11/11/22** | **Wed 14/6/23** | **HK Working Day** | | | **0%** | **NA** | **NA** |
| 339 | Vertical pipes with Concrete Surround | 30 days | Fri 11/11/22 | Thu 15/12/22 | HK Working Day | 337 | 340 | 0% | NA | NA |
| 340 | Exposed pipes with concrete surround | 30 days | Fri 16/12/22 | Thu 26/1/23 | HK Working Day | 339 | 341 | 0% | NA | NA |
| 341 | Open cut pipe laying with concrete surround | 30 days | Wed 10/5/23 | Wed 14/6/23 | HK Working Day | 359,340 | | 0% | NA | NA |
| 342 | **Hand Shield Pipe Jacking crossing Lohas Park Road** | **289 days** | **Thu 19/5/22** | **Tue 9/5/23** | **HK Working Day** | | | **0%** | **Thu 19/5/22** | **NA** |
| 343 | MTR's Consent for Construction of Pit E | 0 days | Thu 19/5/22 | Thu 19/5/22 | HK Working Day | | 347 | 100% | Thu 19/5/22 | Thu 19/5/22 |
| 344 | MTR's Consent for Construction of Pit F | 0 days | Wed 1/6/22 | Wed 1/6/22 | HK Working Day | | 348 | 99% | Wed 1/6/22 | NA |
| 345 | MTR's Consent for Construction of Pit G | 0 days | Mon 6/6/22 | Mon 6/6/22 | HK Working Day | | 349 | 99% | Mon 6/6/22 | NA |
| 346 | Loading & Unloading TTA for Pit G | 0 days | Mon 13/6/22 | Mon 13/6/22 | HK Working Day | | 349 | 99% | Mon 13/6/22 | NA |
| 347 | Construction of Receiving Pit E | 45 days | Mon 23/5/22 | Fri 15/7/22 | HK Working Day | 318,320,343 | | 0% | Mon 23/5/22 | NA |
| 348 | Construction of Jacking Pit F | 45 days | Wed 1/6/22 | Mon 25/7/22 | HK Working Day | 320,318,344 | 350 | 0% | NA | NA |
| 349 | Construction of Receiving Pit G | 45 days | Mon 13/6/22 | Thu 4/8/22 | HK Working Day | 345,346 | | 0% | NA | NA |
| 350 | Establishment at Pit F | 14 days | Tue 26/7/22 | Wed 10/8/22 | HK Working Day | 348 | 351 | 0% | NA | NA |
| 351 | Mild Steel Sleeve Pipe (Pit F - Pit E) in Soil Mix (40m; 0.4m/day) | 100 days | Thu 11/8/22 | Thu 8/12/22 | HK Working Day | 350 | 352 | 0% | NA | NA |
| 352 | Mild Steel Sleeve Pipe (Pit F - Pit G) in Soil Mix (20m; 0.4m/day) | 50 days | Fri 9/12/22 | Sat 11/2/23 | HK Working Day | 351 | 353 | 0% | NA | NA |
| 353 | Remove setup Including Thrust Wall at Pit F | 6 days | Mon 13/2/23 | Sat 18/2/23 | HK Working Day | 352 | 354 | 0% | NA | NA |
| 354 | Setup for Pipe Laying inside jacking Pit F | 6 days | Mon 20/2/23 | Sat 25/2/23 | HK Working Day | 353 | 355 | 0% | NA | NA |
| 355 | DN900 MS Pipe Laying from Pit F to Pit E (40m) (say 3 days per 4m) | 30 days | Mon 27/2/23 | Sat 1/4/23 | HK Working Day | 354 | 356 | 0% | NA | NA |
| 356 | Modify Setup for Pipe Laying inside jacking Pit F | 6 days | Mon 3/4/23 | Thu 13/4/23 | HK Working Day | 355 | 357 | 0% | NA | NA |
| 357 | DN900 MS Pipe Laying from Pit F to Pit G (20m) (say 3 days per 4m) | 15 days | Fri 14/4/23 | Tue 2/5/23 | HK Working Day | 356 | 358 | 0% | NA | NA |
| 358 | Formwork & Setup for Grouting the gap between pipe and Sleeve | 3 days | Wed 3/5/23 | Fri 5/5/23 | HK Working Day | 357 | 359 | 0% | NA | NA |
| 359 | Grouting Works (30 meter/day) | 3 days | Sat 6/5/23 | Tue 9/5/23 | HK Working Day | 358 | 341,361 | 0% | NA | NA |
| 360 | **Vertical Pipes, Exposed Pipes & Burned Pipes above MTR Tunnels (CH.FA1+50 to CH.FA2+17)** | **1657 days** | **Tue 7/11/17** | **Wed 14/6/23** | **HK Working Day** | | | **59%** | **Tue 7/11/17** | **NA** |
| 361 | Vertical pipes with Concrete Surround | 30 days | Wed 10/5/23 | Wed 14/6/23 | HK Working Day | 359 | | 0% | NA | NA |
| 362 | Exposed pipes with concrete surround | 60 days | Tue 15/2/22 | Fri 29/4/22 | HK Working Day | 366 | | 0% | NA | NA |
| 363 | Site Clearance at Storage Yard | 3 days | Mon 1/11/21 | Wed 3/11/21 | HK Working Day | 319 | 366 | 100% | Mon 1/11/21 | Wed 3/11/21 |
| 364 | Plate Load Tests for Tower P2 | 34 days | Tue 9/11/21 | Fri 17/12/21 | HK Working Day | | | 100% | Tue 9/11/21 | Fri 17/12/21 |
| 365 | Construction footing of Tower P2 at CH.FA1+76 | 72 days | Sat 18/12/21 | Fri 18/3/22 | HK Working Day | | | 100% | Sat 18/12/21 | Fri 18/3/22 |
| 366 | Open cut pipe laying with concrete surround (CH.FA1+76 to CH.FA2+04) | 82 days | Thu 4/11/21 | Mon 14/2/22 | HK Working Day | 363 | 362 | 100% | Thu 4/11/21 | Mon 14/2/22 |
| 367 | Open cut pipe laying from CH.FA2+04 to CH.FB0+03 & Connect to DN900SV Chamber | 42 days | Tue 7/11/17 | Wed 27/12/17 | HK Working Day | | | 0% | NA | NA |
| 368 | **Open Cut Excavation, Pipe Laying and Reinstatement at TKO Landfill Stage 1 and TKO South Waterfront Promenade** | **1221 days** | **Thu 23/8/18** | **Fri 7/10/22** | **HK Working Day** | | | **91%** | **Thu 23/8/18** | **NA** |
| 369 | Issue CE No. 05 - Feasibility Studey Realignment of pipline at Tseung Kwan O Stage I Landfill | 0 days | Thu 23/8/18 | Thu 23/8/18 | Calendar Day | | | 100% | Thu 23/8/18 | Thu 23/8/18 |
| 370 | Issue CE No. 36 - Realignment of Watermain along the Bituminous Road adjacent to Lohas Park Road | 0 days | Fri 22/5/20 | Fri 22/5/20 | Calendar Day | | | 100% | Fri 22/5/20 | Fri 22/5/20 |
| 371 | Issue CE No. 34 - Realignment of Watermain along TKO Stage I Landfill | 0 days | Tue 5/11/19 | Tue 5/11/19 | Calendar Day | | | 100% | Tue 5/11/19 | Tue 5/11/19 |
| 372 | **TKO Landfill Stage I Area A (CH.FB0+00 to CH.FB5+34)** | **712 days** | **Fri 15/5/20** | **Fri 7/10/22** | **HK Working Day** | | **764** | **85%** | **Fri 15/5/20** | **NA** |
| 373 | CH.FB0+00 DN300 Washout Chamber | 60 days | Tue 7/12/21 | Mon 21/2/22 | HK Working Day | 374 | | 0% | NA | NA |
| 374 | CH.FB0+00 - CH.FB 1+66 OC with DN900 Valve Chamber with DN150 by-pass | 372 days | Sat 5/9/20 | Mon 6/12/21 | HK Working Day | | 373 | 100% | Sat 5/9/20 | Mon 6/12/21 |
| 375 | CH.FB1+66 - CH.FB 5+39 OC | 379 days | Fri 15/5/20 | Sat 21/8/21 | HK Working Day | | | 100% | Fri 15/5/20 | Sat 21/8/21 |
| 376 | CH.FB5+34 - CH.FC 0+00 OC | 101 days | Mon 12/4/21 | Wed 11/8/21 | HK Working Day | 394 | 381 | 100% | Mon 12/4/21 | Wed 11/8/21 |
| 377 | CH.FB 5+34 DN300 DN600 IT Chamber | 30 days | Tue 21/6/22 | Tue 26/7/22 | HK Working Day | 411 | 378 | 0% | NA | NA |
| 378 | CH.FB 5+34 DN300 Washout Chamber | 60 days | Wed 27/7/22 | Fri 7/10/22 | HK Working Day | 377 | | 0% | NA | NA |
| 379 | **TKO South Waterfront Promenade (CH.FC0+00 - CH.FC 4+87)** | **443 days** | **Wed 26/2/20** | **Tue 24/8/21** | **HK Working Day** | | | **100%** | **Wed 26/2/20** | **Tue 24/8/21** |

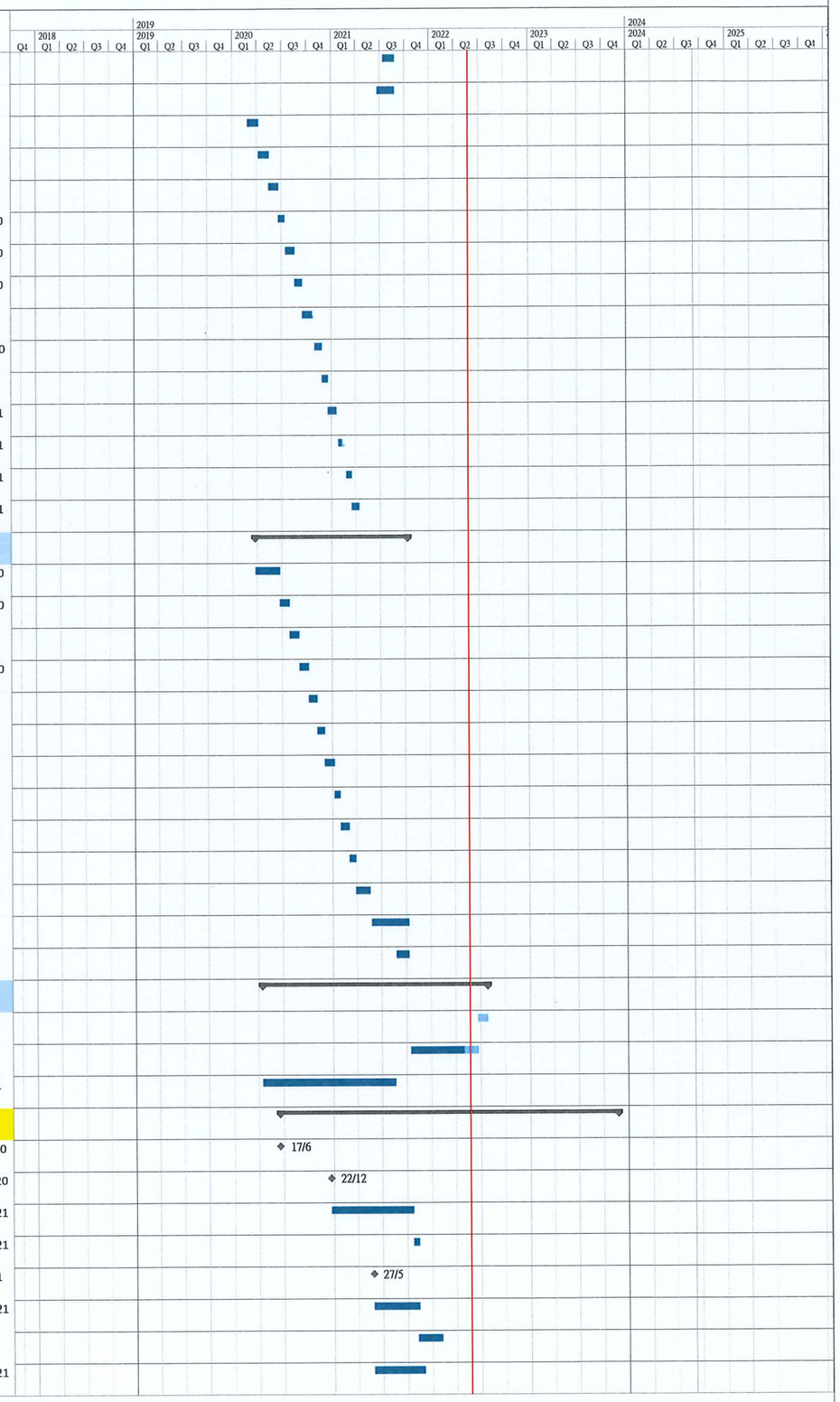



Working Programme No. 15
Data Date : 24 May 2022

Task | Split | Milestone | Summary | Project Summary | Inactive Task | Inactive Milestone | Inactive Summary | Manual Task | Duration-only | Manual Summary Rollup | Manual Summary | Start-only | Finish-only | External Tasks | External Milestone | Deadline | Critical | Critical Split | Progress | Manual Progress

Project: Mainlaying in Tseung Kwan O

| ID | Task Name | Duration | Start | Finish | Task Calendar | Predecessors | Successors | % Complete | Actual Start | Actual Finish |
|---|---|---|---|---|---|---|---|---|---|---|
| 380 | CH.FC 0+00 - CH.FC 0+29 OC | 38 days | Mon 12/7/21 | Tue 24/8/21 | HK Working Day | 381 | | 100% | Mon 12/7/21 | Tue 24/8/21 |
| 381 | CH.FC 0+29 - CH.FC 0+65 OC | 56 days | Sat 19/6/21 | Tue 24/8/21 | HK Working Day | 382,376 | 380 | 100% | Sat 19/6/21 | Tue 24/8/21 |
| 382 | CH.FC 0+65 - CH.FC 0+95 OC | 34 days | Wed 26/2/20 | Mon 6/4/20 | HK Working Day | | 383,381 | 100% | Wed 26/2/20 | Mon 6/4/20 |
| 383 | CH.FC 0+95 - CH.FC 1+27 OC | 30 days | Mon 6/4/20 | Fri 15/5/20 | HK Working Day | 382 | 384 | 100% | Mon 6/4/20 | Fri 15/5/20 |
| 384 | CH.FC 1+27 - CH.FC 1+59 OC | 31 days | Fri 15/5/20 | Fri 19/6/20 | HK Working Day | 383 | 385 | 100% | Fri 15/5/20 | Fri 19/6/20 |
| 385 | CH.FC 1+59 - CH.FC 1+91 OC | 21 days | Fri 19/6/20 | Wed 15/7/20 | HK Working Day | 384 | 386 | 100% | Fri 19/6/20 | Wed 15/7/20 |
| 386 | CH.FC 1+91 - CH.FC 2+23 OC | 29 days | Wed 15/7/20 | Mon 17/8/20 | HK Working Day | 385 | 387 | 100% | Wed 15/7/20 | Mon 17/8/20 |
| 387 | CH.FC 2+23 - CH.FC 2+55 OC | 25 days | Mon 17/8/20 | Mon 14/9/20 | HK Working Day | 386 | 388 | 100% | Mon 17/8/20 | Mon 14/9/20 |
| 388 | CH.FC 2+55 - CH.FC 2+87 OC | 38 days | Mon 14/9/20 | Fri 30/10/20 | HK Working Day | 387 | 389 | 100% | Mon 14/9/20 | Fri 30/10/20 |
| 389 | CH.FC 2+87 - CH.FC 3+19 OC | 24 days | Fri 30/10/20 | Thu 26/11/20 | HK Working Day | 388 | 390 | 100% | Fri 30/10/20 | Thu 26/11/20 |
| 390 | CH.FC 3+19 - CH.FC 3+51 OC | 20 days | Thu 26/11/20 | Fri 18/12/20 | HK Working Day | 389 | 391 | 100% | Thu 26/11/20 | Fri 18/12/20 |
| 391 | CH.FC 3+51 - CH.FC 3+83 OC | 30 days | Fri 18/12/20 | Mon 25/1/21 | HK Working Day | 390 | 392 | 100% | Fri 18/12/20 | Mon 25/1/21 |
| 392 | CH.FC 3+83 - CH.FC 4+15 OC | 24 days | Mon 25/1/21 | Wed 24/2/21 | HK Working Day | 391 | 393 | 100% | Mon 25/1/21 | Wed 24/2/21 |
| 393 | CH.FC 4+15 - CH.FC 4+47 OC | 17 days | Wed 24/2/21 | Mon 15/3/21 | HK Working Day | 392 | 394 | 100% | Wed 24/2/21 | Mon 15/3/21 |
| 394 | CH.FC 4+47 - CH.FC 4+89 C | 21 days | Mon 15/3/21 | Mon 12/4/21 | HK Working Day | 393 | 376 | 100% | Mon 15/3/21 | Mon 12/4/21 |
| 395 | **TKO South Waterfront Promenade (CH.FC4+87 - CH.FC 8+71)** | **458 days** | **Tue 24/3/20** | **Sat 9/10/21** | **HK Working Day** | | | **100%** | **Tue 24/3/20** | **Sat 9/10/21** |
| 396 | CH.FC 4+89 - CH.FC 5+19 OC with DN600 IT | 72 days | Tue 24/3/20 | Mon 22/6/20 | HK Working Day | | 397 | 100% | Tue 24/3/20 | Mon 22/6/20 |
| 397 | CH.FC 5+19 - CH.FC 5+51 OC | 29 days | Mon 22/6/20 | Mon 27/7/20 | HK Working Day | 396 | 398 | 100% | Mon 22/6/20 | Mon 27/7/20 |
| 398 | CH.FC 5+51 - CH.FC 5+83 OC | 32 days | Mon 27/7/20 | Tue 1/9/20 | HK Working Day | 397 | 399 | 100% | Mon 27/7/20 | Tue 1/9/20 |
| 399 | CH.FC 5+83 - CH.FC 6+15 OC | 28 days | Tue 1/9/20 | Mon 5/10/20 | HK Working Day | 398 | 400 | 100% | Tue 1/9/20 | Mon 5/10/20 |
| 400 | CH.FC 6+15 - CH.FC 6+47 OC | 27 days | Mon 5/10/20 | Thu 5/11/20 | HK Working Day | 399 | 401 | 100% | Mon 5/10/20 | Thu 5/11/20 |
| 401 | CH.FC 6+47 - CH.FC 6+79 OC | 25 days | Thu 5/11/20 | Thu 3/12/20 | HK Working Day | 400 | 402 | 100% | Thu 5/11/20 | Thu 3/12/20 |
| 402 | CH.FC 6+79 - CH.FC 7+11 OC | 29 days | Thu 3/12/20 | Fri 8/1/21 | HK Working Day | 401 | 403 | 100% | Thu 3/12/20 | Fri 8/1/21 |
| 403 | CH.FC 7+11 - CH.FC 7+43 OC | 19 days | Fri 8/1/21 | Fri 29/1/21 | HK Working Day | 402 | 404 | 100% | Fri 8/1/21 | Fri 29/1/21 |
| 404 | CH.FC 7+43 - CH.FC 7+75 OC | 25 days | Sat 30/1/21 | Wed 3/3/21 | HK Working Day | 403 | 405 | 100% | Sat 30/1/21 | Wed 3/3/21 |
| 405 | CH.FC 7+75 - CH.FC 8+07 OC | 22 days | Wed 3/3/21 | Sat 27/3/21 | HK Working Day | 404 | 406 | 100% | Wed 3/3/21 | Sat 27/3/21 |
| 406 | CH.FC 8+07 - CH.FC 8+39 OC | 40 days | Sat 27/3/21 | Tue 18/5/21 | HK Working Day | 405 | 407 | 100% | Sat 27/3/21 | Tue 18/5/21 |
| 407 | CH.FC 8+39 - CH.FC 8+43 OC | 116 days | Mon 24/5/21 | Sat 9/10/21 | HK Working Day | 406 | | 100% | Mon 24/5/21 | Sat 9/10/21 |
| 408 | CH.FC 8+43 - CH.FC 8+59 OC | 39 days | Tue 24/8/21 | Sat 9/10/21 | HK Working Day | | 411 | 100% | Tue 24/8/21 | Sat 9/10/21 |
| 409 | **TKO Landfill Stage I Area B (CH.FC 8+59 - CH.FC 13+26)** | **677 days** | **Tue 14/4/20** | **Tue 26/7/22** | **HK Working Day** | | | **89%** | **Tue 14/4/20** | **NA** |
| 410 | Construct DN150 DAV Chamber at CH.FC 9+83 | 30 days | Tue 21/6/22 | Tue 26/7/22 | HK Working Day | 411 | | 0% | NA | NA |
| 411 | CH.FC 8+59 - CH.FC 9+83 OC | 200 days | Fri 15/10/21 | Mon 20/6/22 | HK Working Day | 412,408 | 423,377,410 | 80% | Fri 15/10/21 | NA |
| 412 | CH.FC 9+83 - CH.FC 13+26 OC with Monitoring Chamber | 402 days | Tue 14/4/20 | Thu 19/8/21 | HK Working Day | | 411 | 100% | Tue 14/4/20 | Thu 19/8/21 |
| 413 | **Water Mains Near Pung Loi Road (CH.FD0+00 - CH.A3+51)** | **1020 days** | **Wed 17/6/20** | **Thu 23/11/23** | **HK Working Day** | | | **60%** | **Wed 17/6/20** | **NA** |
| 414 | Issue CE No. 65 - Landscaping Survey near Po Yap and Pung Loi Road | 0 days | Wed 17/6/20 | Wed 17/6/20 | Calendar Day | | | 100% | Wed 17/6/20 | Wed 17/6/20 |
| 415 | Issue CE No. 87 - Affected Trees near Pung Loi Road, Po Yap Road and Wan Po Road | 0 days | Tue 22/12/20 | Tue 22/12/20 | Calendar Day | | 416 | 100% | Tue 22/12/20 | Tue 22/12/20 |
| 416 | TPRP Submission and Approval | 304 days | Tue 22/12/20 | Thu 21/10/21 | Calendar Day | 415,614 | 417 | 100% | Tue 22/12/20 | Thu 21/10/21 |
| 417 | Site Possession and Tree Removal Works | 21 days | Fri 22/10/21 | Thu 11/11/21 | Calendar Day | 416 | 427 | 100% | Fri 22/10/21 | Thu 11/11/21 |
| 418 | Issue CE No. 60 - Realignment of Water Main near Pung Loi Road | 0 days | Thu 27/5/21 | Thu 27/5/21 | Calendar Day | | 419,421 | 100% | Thu 27/5/21 | Thu 27/5/21 |
| 419 | Tender Process and Tender Award for CE No. 60 | 169 days | Thu 27/5/21 | Thu 11/11/21 | Calendar Day | 418 | 420 | 100% | Thu 27/5/21 | Thu 11/11/21 |
| 420 | Design & Method Statement Submission and Approval ; Preparation Works for CE No. 60 | 90 days | Sun 7/11/21 | Fri 4/2/22 | Calendar Day | 419 | 424 | 100% | Sun 7/11/21 | Fri 4/2/22 |
| 421 | TTA preparation, SLG meetings and obtain RA | 188 days | Thu 27/5/21 | Tue 30/11/21 | Calendar Day | 418 | 427,429 | 100% | Thu 27/5/21 | Tue 30/11/21 |

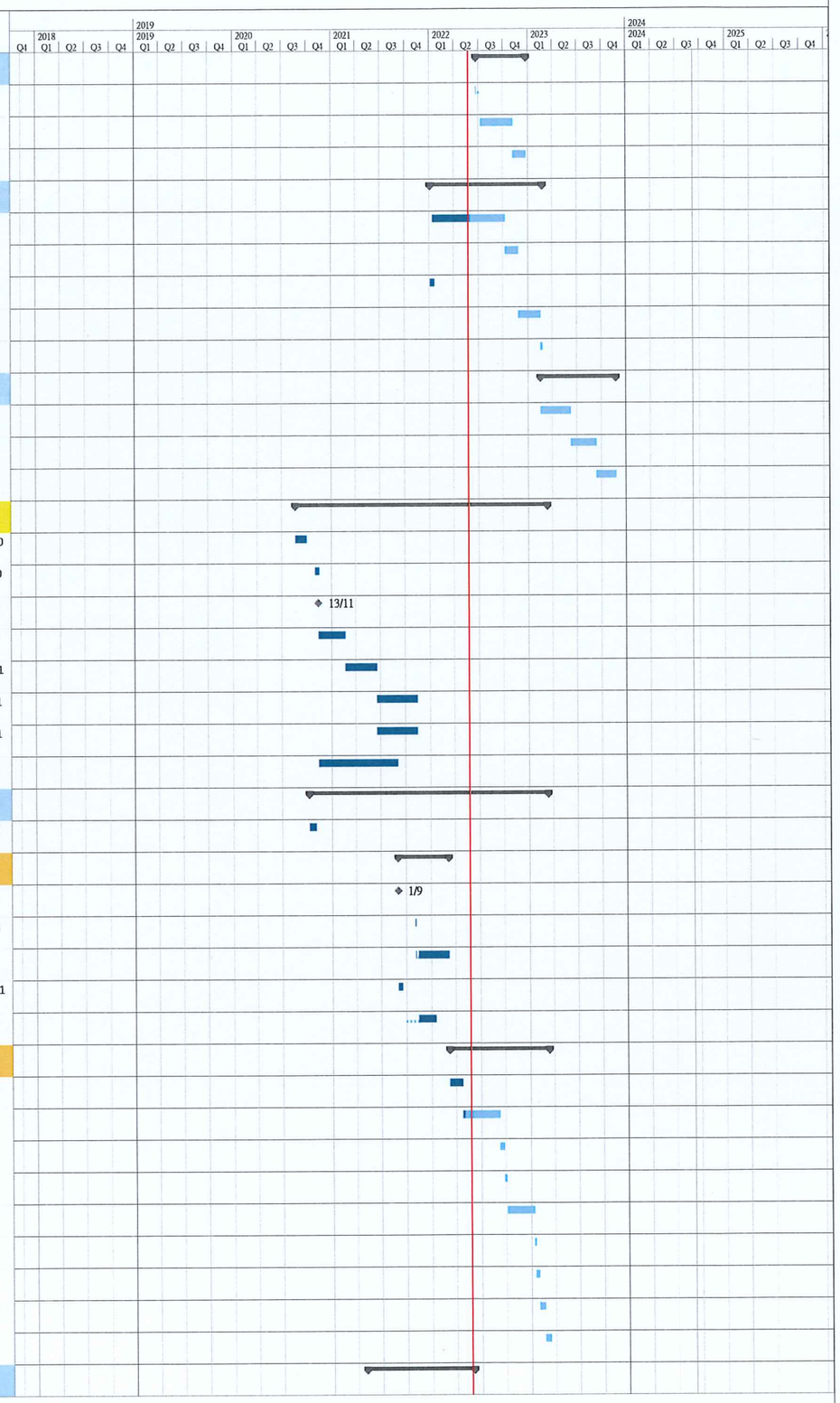



Working Programme No. 15
Data Date : 24 May 2022

Task | Split | Milestone | Summary | Project Summary | Inactive Task | Inactive Milestone | Inactive Summary | Manual Task | Duration-only | Manual Summary Rollup | Manual Summary | Start-only | Finish-only | External Tasks | External Milestone | Deadline | Critical | Critical Split | Progress | Manual Progress

Project: Mainlaying in Tseung Kwan O

| ID | Task Name | Duration | Start | Finish | Task Calendar | Predecessors | Successors | % Complete | Actual Start | Actual Finish |
|---|---|---|---|---|---|---|---|---|---|---|
| 422 | **Open Trench Crossing Pung Loi Avenue** | **156 days** | **Mon 20/6/22** | **Fri 23/12/22** | **HK Working Day** | | | **0%** | **NA** | **NA** |
| 423 | Obtain Access from EPD (TKO Landfill Stage I Area B) | 14 days | Mon 20/6/22 | Thu 7/7/22 | HK Working Day | 411 | 424 | 0% | NA | NA |
| 424 | CH.FD0+00 - CH.FD0+65 OC | 100 days | Fri 8/7/22 | Fri 4/11/22 | HK Working Day | 420,423 | 425 | 0% | NA | NA |
| 425 | Construction DN900 SV Chamber at CH.FD0+25 | 42 days | Sat 5/11/22 | Fri 23/12/22 | HK Working Day | 424 | | 0% | NA | NA |
| 426 | **Exposed Pipe From CH.FDD0+65 to FDSKR+00** | **337 days** | **Mon 3/1/22** | **Wed 22/2/23** | **HK Working Day** | | | **36%** | **Mon 3/1/22** | **NA** |
| 427 | Excavation In Slope Toe; Construction of Flooding Protecxtion Wall with U-Channel, Length = 135m, @12m @18days | 216 days | Wed 12/1/22 | Thu 6/10/22 | HK Working Day | 421,417 | 428 | 50% | Wed 12/1/22 | NA |
| 428 | Exposed Pipe, Length = 173m, with concrete saddle Supports | 42 days | Fri 7/10/22 | Thu 24/11/22 | HK Working Day | 427 | 430 | 0% | NA | NA |
| 429 | 3 nos. Trial Pit Exacavtion under existing Flyover | 14 days | Mon 3/1/22 | Tue 18/1/22 | HK Working Day | 421 | | 100% | Mon 3/1/22 | Tue 18/1/22 |
| 430 | DN1200 Pipe Laying on Concrete Support with Concrete Hunching | 65 days | Fri 25/11/22 | Wed 15/2/23 | HK Working Day | 428 | 431,433 | 0% | NA | NA |
| 431 | Apply top coating of aliphatic polyurethane on site | 6 days | Thu 16/2/23 | Wed 22/2/23 | HK Working Day | 430 | 435 | 0% | NA | NA |
| 432 | **Open Trench Connecting Trenchless and Exposed Pipe** | **230 days** | **Thu 16/2/23** | **Thu 23/11/23** | **HK Working Day** | | | **0%** | **NA** | **NA** |
| 433 | CH.FSKR+00 to CH.FD3+15 OC | 90 days | Thu 16/2/23 | Wed 7/6/23 | HK Working Day | 430 | 435,434 | 0% | NA | NA |
| 434 | CH.FDD3+15 to CH.FDD3+51 OC with DN900 Valve Chamber and By-pass Pipe and Connection to Pit WPR1 | 80 days | Thu 8/6/23 | Mon 11/9/23 | HK Working Day | 433 | 435,764,765 | 0% | NA | NA |
| 435 | Make Good Slope Toe and Landscape Work | 60 days | Tue 12/9/23 | Thu 23/11/23 | HK Working Day | 433,434,431 | | 0% | NA | NA |
| 436 | **Water Mains near Pung Loi Road and Po Yap Road (CH.FE0+00 - CH.A3+58)** | **758 days** | **Thu 20/8/20** | **Sat 11/3/23** | **HK Working Day** | | **765** | **78%** | **Thu 20/8/20** | **NA** |
| 437 | Trial Pit at Working Pit WPR1 | 36 days | Thu 20/8/20 | Wed 30/9/20 | HK Working Day | | | 100% | Thu 20/8/20 | Wed 30/9/20 |
| 438 | Trial Pit at Working Pit G1A | 12 days | Sun 1/11/20 | Sat 14/11/20 | HK Working Day | | | 100% | Sun 1/11/20 | Sat 14/11/20 |
| 439 | Issue CE No. 59 - Realignment of Water Main near Pung Loi Road and Po Yap Round Roundabout | 0 days | Fri 13/11/20 | Fri 13/11/20 | Calendar Day | | 440,444 | 100% | Fri 13/11/20 | Fri 13/11/20 |
| 440 | Tender Process and Tender Award for CE No. 59 | 99 days | Fri 13/11/20 | Fri 19/2/21 | Calendar Day | 439 | 441 | 100% | Fri 13/11/20 | Fri 19/2/21 |
| 441 | Design & Method Statement Submission and Approval ; Preparation Works for Pit J1A | 93 days | Sat 20/2/21 | Wed 16/6/21 | HK Working Day | 440 | 465,442,443 | 100% | Sat 20/2/21 | Wed 16/6/21 |
| 442 | Design & Method Statement Submission and Approval ; Preparation Works for Pit G1A | 125 days | Thu 17/6/21 | Sat 13/11/21 | HK Working Day | 441 | 452 | 100% | Thu 17/6/21 | Sat 13/11/21 |
| 443 | Design & Method Statement Submission and Approval ; Preparation Works for Pit WPR1 | 125 days | Thu 17/6/21 | Sat 13/11/21 | HK Working Day | 441 | 450 | 100% | Thu 17/6/21 | Sat 13/11/21 |
| 444 | TTA preparation, SLG meetings and obtain RA | 293 days | Fri 13/11/20 | Wed 1/9/21 | Calendar Day | 439 | 448 | 100% | Fri 13/11/20 | Wed 1/9/21 |
| 445 | **Trenchless Crossing MTR Tunnels (Pit WPR1 to Pit G1A)** | **717 days** | **Fri 9/10/20** | **Sat 11/3/23** | **HK Working Day** | | | **50%** | **Fri 9/10/20** | **NA** |
| 446 | Inspection Pit at Location of Pit G1A | 19 days | Fri 9/10/20 | Sun 1/11/20 | HK Working Day | | | 100% | Fri 9/10/20 | Sun 1/11/20 |
| 447 | **Construction of Jacking Pit / Receiving Pit (TBM)** | **151 days** | **Wed 1/9/21** | **Sat 5/3/22** | **HK Working Day** | | | **100%** | **Wed 1/9/21** | **Sat 5/3/22** |
| 448 | Obtain consent for vehicular access construction for WPR1 | 0 days | Wed 1/9/21 | Wed 1/9/21 | HK Working Day | 444 | | 100% | Wed 1/9/21 | Wed 1/9/21 |
| 449 | Tree Truning at WPR1 | 2 days | Wed 3/11/21 | Thu 4/11/21 | HK Working Day | | 450 | 100% | Wed 3/11/21 | Thu 4/11/21 |
| 450 | Jacking Pit WPR1 (Near Pung Loi Road) | 91.2 days | Fri 5/11/21 | Sat 5/3/22 | HK Working Day | 449,443 | 454 | 100% | Fri 5/11/21 | Sat 5/3/22 |
| 451 | Planter Removal and Access Formation to pit G1A | 13 days | Wed 1/9/21 | Wed 15/9/21 | HK Working Day | | 452 | 100% | Wed 1/9/21 | Wed 15/9/21 |
| 452 | Receiving Pit G1A (Near Po Yap Road) | 91 days | Mon 27/9/21 | Sat 15/1/22 | HK Working Day | 451,442 | 470,454 | 100% | Mon 27/9/21 | Sat 15/1/22 |
| 453 | **TBM Pipe Jacking (WPR1 to J1A)** | **301 days** | **Mon 7/3/22** | **Sat 11/3/23** | **HK Working Day** | | | **14%** | **Mon 7/3/22** | **NA** |
| 454 | TBM Establishment at Pit WPR1 | 38 days | Mon 7/3/22 | Sat 23/4/22 | HK Working Day | 450,452 | 455 | 100% | Mon 7/3/22 | Sat 23/4/22 |
| 455 | Jacking DN1600 Precast Concrete Sleeve Pipe (224m; 2.0m/day) | 112 days | Sun 24/4/22 | Tue 6/9/22 | HK Working Day | 454 | 456 | 5% | Sun 24/4/22 | NA |
| 456 | Remove setup including Thrust Wall at Pit WPR1 | 14 days | Wed 7/9/22 | Fri 23/9/22 | HK Working Day | 455 | 457 | 0% | NA | NA |
| 457 | Setup for Pipe Laying inside Jacking Pit WPR1 | 6 days | Sat 24/9/22 | Fri 30/9/22 | HK Working Day | 456 | 458 | 0% | NA | NA |
| 458 | DN1200 MS Pipe Laying inside Jacking Pipe (224m) (3 days per 8m) | 84 days | Mon 3/10/22 | Thu 12/1/23 | HK Working Day | 457 | 459 | 0% | NA | NA |
| 459 | Formwork & Setup for Grouting the gap between pipe and Sleeve | 3 days | Fri 13/1/23 | Mon 16/1/23 | HK Working Day | 458 | 460 | 0% | NA | NA |
| 460 | Grouting Works (30m per day) | 8 days | Tue 17/1/23 | Sat 28/1/23 | HK Working Day | 459 | 461 | 0% | NA | NA |
| 461 | Pipe Connection inside Working Pit WPR1 | 18 days | Mon 30/1/23 | Sat 18/2/23 | HK Working Day | 460 | 462 | 0% | NA | NA |
| 462 | Remove ELS including extracting sheet piles at Pit WPR1; Reinstatement | 18 days | Mon 20/2/23 | Sat 11/3/23 | HK Working Day | 461 | | 0% | NA | NA |
| 463 | **Trenchless Works (Pit G1A or Pit J1A)** | **320 days** | **Mon 3/5/21** | **Tue 31/5/22** | **HK Working Day** | | | **97%** | **Mon 3/5/21** | **NA** |

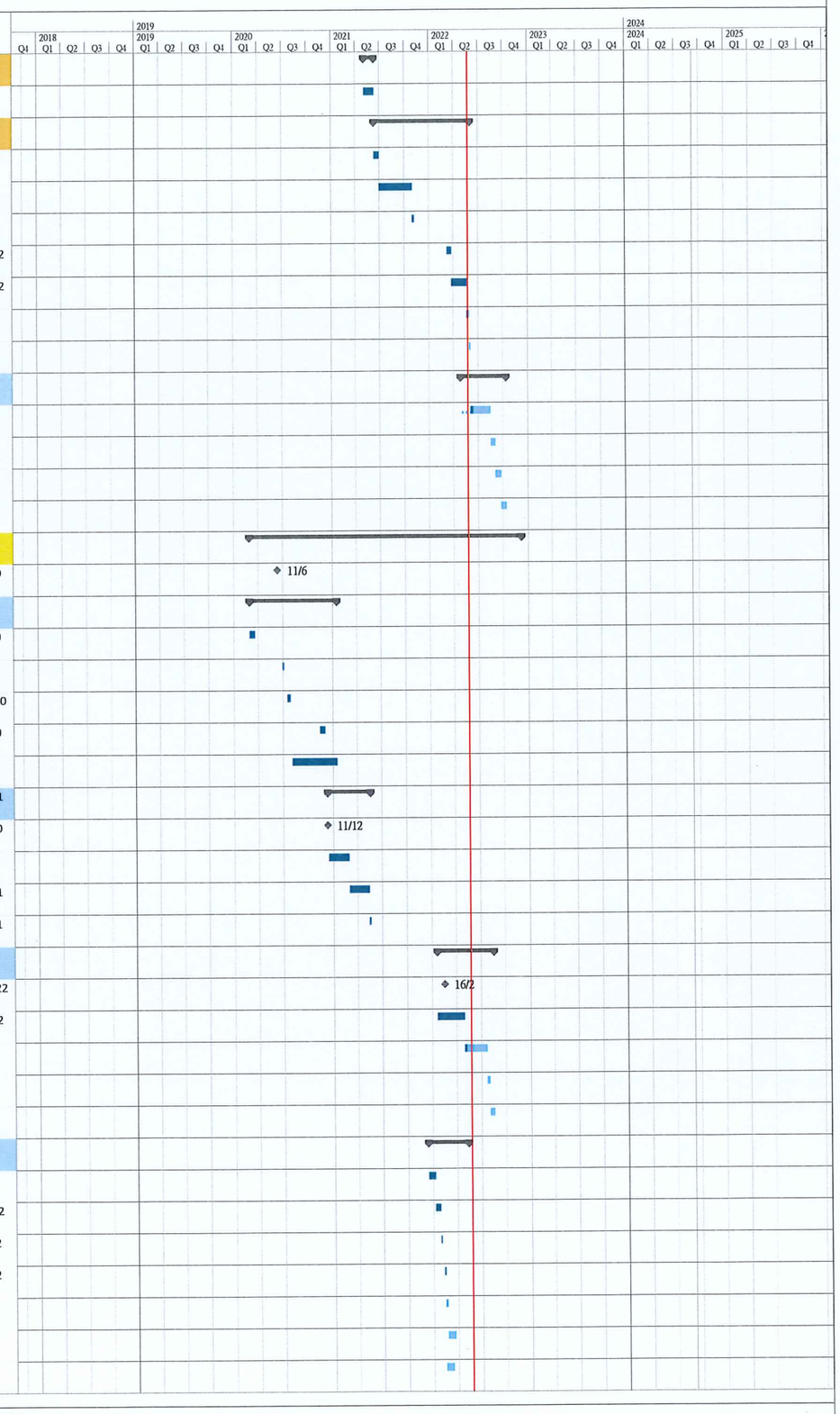



Working Programme No. 15
Data Date : 24 May 2022

Task | Split | Milestone | Summary | Project Summary | Inactive Task | Inactive Milestone | Inactive Summary | Manual Task | Duration-only | Manual Summary Rollup | Manual Summary | Start-only | Finish-only | External Tasks | External Milestone | Deadline | Critical | Critical Split | Progress | Manual Progress

Project: Mainlaying in Tseung Kwan O

| ID | Task Name | Duration | Start | Finish | Task Calendar | Predecessors | Successors | % Complete | Actual Start | Actual Finish |
|---|---|---|---|---|---|---|---|---|---|---|
| 464 | **Construction of Jacking Pit J1A (Hand Shield)** | **32 days** | **Mon 3/5/21** | **Wed 9/6/21** | **HK Working Day** | | | **100%** | **Mon 3/5/21** | **Wed 9/6/21** |
| 465 | Construction of Jacking Pit J1A | 32 days | Mon 3/5/21 | Wed 9/6/21 | HK Working Day | 441 | 467 | 100% | Mon 3/5/21 | Wed 9/6/21 |
| 466 | **Handshield Pipe Jacking (Pit G1A to Pit J1A)** | **288 days** | **Thu 10/6/21** | **Tue 31/5/22** | **HK Working Day** | | | **96%** | **Thu 10/6/21** | **NA** |
| 467 | Establishment at Pit J1A | 16 days | Thu 10/6/21 | Tue 29/6/21 | HK Working Day | 465 | 468 | 100% | Thu 10/6/21 | Tue 29/6/21 |
| 468 | Hand shield pipe jacking (I.D. 1600 segment pipe), 0.65m/day | 101 days | Wed 30/6/21 | Fri 29/10/21 | HK Working Day | 467 | 469 | 100% | Wed 30/6/21 | Fri 29/10/21 |
| 469 | Remove Setup at Pit J1A | 6 days | Sat 30/10/21 | Fri 5/11/21 | HK Working Day | 468 | 470 | 100% | Sat 30/10/21 | Fri 5/11/21 |
| 470 | Setup for Pipe Laying inside jacking Pit J1A | 14 days | Tue 8/3/22 | Wed 23/3/22 | HK Working Day | 469,452 | 471 | 100% | Tue 8/3/22 | Wed 23/3/22 |
| 471 | DN1200 MS Pipe Laying inside jacking pipe (~70m) (3 days per 4m) | 42 days | Thu 24/3/22 | Wed 18/5/22 | HK Working Day | 470 | 472 | 100% | Thu 24/3/22 | Wed 18/5/22 |
| 472 | Formwork & Setup for Grouting the gap between pipe and Sleeve | 8 days | Thu 19/5/22 | Fri 27/5/22 | HK Working Day | 471 | 473 | 50% | Thu 19/5/22 | NA |
| 473 | Grouting Works (30 meter/day) | 3 days | Sat 28/5/22 | Tue 31/5/22 | HK Working Day | 472 | 475 | 0% | NA | NA |
| 474 | **Open Trench between Pit K and J1A** | **138 days** | **Tue 26/4/22** | **Tue 11/10/22** | **HK Working Day** | | | **7%** | **Tue 26/4/22** | **NA** |
| 475 | Pipe Laying From Pit K to Pit J1A (OC) (48m) | 62 days | Tue 26/4/22 | Sat 13/8/22 | HK Working Day | 473 | 476 | 13% | Tue 26/4/22 | NA |
| 476 | Construction of Thrust Block from Pit K to Pit J1A | 15 days | Mon 15/8/22 | Wed 31/8/22 | HK Working Day | 475 | 477 | 0% | NA | NA |
| 477 | Backfill Trench and Remove ELS | 18 days | Thu 1/9/22 | Thu 22/9/22 | HK Working Day | 476 | 478 | 0% | NA | NA |
| 478 | Reinstatement of Plant and Shrubs in Roundabout | 14 days | Fri 23/9/22 | Tue 11/10/22 | HK Working Day | 477 | | 0% | NA | NA |
| 479 | **Trenchless Work from Po Yap Road Roundabout to KMB Depot (Pit K to Pit L) (Pit O to Pit P)** | **822 days** | **Fri 28/2/20** | **Mon 5/12/22** | **HK Working Day** | | **765** | **55%** | **Fri 28/2/20** | **NA** |
| 480 | Issue CE No. 50 - Realignment of Watermain at the Junction of Wan Po Road and Po Yap Road and the Junction of Po Hong Road and Po Shun Road. | 0 days | Thu 11/6/20 | Thu 11/6/20 | Calendar Day | | | 100% | Thu 11/6/20 | Thu 11/6/20 |
| 481 | **Construction of Jacking Pit K & Pit P** | **263 days** | **Fri 28/2/20** | **Fri 15/1/21** | **HK Working Day** | | | **100%** | **Fri 28/2/20** | **Fri 15/1/21** |
| 482 | Inspection Pit Excavation at Pit K | 16 days | Fri 28/2/20 | Tue 17/3/20 | HK Working Day | | | 100% | Fri 28/2/20 | Tue 17/3/20 |
| 483 | Inspection Pit Excavation at Pit P | 3 days | Mon 29/6/20 | Thu 2/7/20 | HK Working Day | | | 100% | Mon 29/6/20 | Thu 2/7/20 |
| 484 | Forming temporary Vehicle Access for Pit P | 10 days | Thu 16/7/20 | Mon 27/7/20 | HK Working Day | | 486 | 100% | Thu 16/7/20 | Mon 27/7/20 |
| 485 | Jacking Pit K | 15 days | Sat 14/11/20 | Tue 1/12/20 | HK Working Day | | 489 | 100% | Sat 14/11/20 | Tue 1/12/20 |
| 486 | Jacking Pit P + additional Grouting | 137 days | Mon 3/8/20 | Fri 15/1/21 | HK Working Day | 484 | | 100% | Mon 3/8/20 | Fri 15/1/21 |
| 487 | **Hand Shield Jacking (Pit K to Pit L)** | **125 days** | **Fri 11/12/20** | **Tue 18/5/21** | **HK Working Day** | | | **100%** | **Fri 11/12/20** | **Tue 18/5/21** |
| 488 | MTR'S Consent Obtained | 0 days | Fri 11/12/20 | Fri 11/12/20 | HK Working Day | | | 100% | Fri 11/12/20 | Fri 11/12/20 |
| 489 | Establishment at Pit K | 59 days | Mon 14/12/20 | Fri 26/2/21 | HK Working Day | 485,531 | 490 | 100% | Mon 14/12/20 | Fri 26/2/21 |
| 490 | Segment @400mm Sleeve Pipe (Pit L to Pit K)(~ 56m) in Soil (0.8m/day) | 59 days | Mon 1/3/21 | Thu 13/5/21 | HK Working Day | 489 | 491 | 100% | Mon 1/3/21 | Thu 13/5/21 |
| 491 | Remove setup at Pit K | 4 days | Thu 13/5/21 | Tue 18/5/21 | HK Working Day | 490 | 499 | 100% | Thu 13/5/21 | Tue 18/5/21 |
| 492 | **TBM Pipe Jacking (Pit O to Pit P)** | **169 days** | **Wed 19/1/22** | **Tue 16/8/22** | **HK Working Day** | | | **50%** | **Wed 19/1/22** | **NA** |
| 493 | WSD accepted to change Sub-Contractor from Wellcon to VTEC | 0 days | Wed 16/2/22 | Wed 16/2/22 | HK Working Day | 555 | | 100% | Wed 16/2/22 | Wed 16/2/22 |
| 494 | TBM Establishment at Pit O | 79 days | Wed 19/1/22 | Thu 28/4/22 | HK Working Day | | 495 | 100% | Wed 19/1/22 | Thu 28/4/22 |
| 495 | Jacking DN1600 Precast Concrete Sleeve Pipe (200m; 3.0m/day) | 67 days | Fri 29/4/22 | Wed 20/7/22 | HK Working Day | 494 | 496 | 8% | Fri 29/4/22 | NA |
| 496 | Grouting around sleeve pipes | 9 days | Thu 21/7/22 | Sat 30/7/22 | HK Working Day | 495 | 508,497 | 0% | NA | NA |
| 497 | Remove Pit setup at Pit P | 14 days | Mon 1/8/22 | Tue 16/8/22 | HK Working Day | 496 | 508 | 0% | NA | NA |
| 498 | **DN1200 Pipelaying (Pit K to Pit L)** | **116 days** | **Tue 14/12/21** | **Wed 11/5/22** | **HK Working Day** | | | **22%** | **Tue 14/12/21** | **NA** |
| 499 | Setup for Pipe Laying inside jacking Pit K | 6 days | Tue 14/12/21 | Fri 7/1/22 | HK Working Day | 491,545 | 500 | 100% | Tue 14/12/21 | Fri 7/1/22 |
| 500 | DN1200 MS Pipe Laying inside jacking pipe (53m) (3 days per 4m) (Only Internal Coating) | 15 days | Sat 8/1/22 | Tue 25/1/22 | HK Working Day | 499 | 501 | 100% | Sat 8/1/22 | Tue 25/1/22 |
| 501 | Formwork & Setup for Grouting the gap between pipe and Sleeve | 2 days | Wed 26/1/22 | Sat 29/1/22 | HK Working Day | 500 | 502 | 100% | Wed 26/1/22 | Sat 29/1/22 |
| 502 | Grouting Works (30 meter/day) | 4 days | Wed 9/2/22 | Sat 12/2/22 | HK Working Day | 501 | 503,505 | 100% | Wed 9/2/22 | Sat 12/2/22 |
| 503 | Pipe Connection at Pit L | 9 days | Thu 10/2/22 | Sat 19/2/22 | HK Working Day | 502 | 504 | 10% | Thu 10/2/22 | NA |
| 504 | Remove ELS at Pit L | 24 days | Mon 21/2/22 | Sat 19/3/22 | HK Working Day | 503 | | 0% | NA | NA |
| 505 | Remove ELS at Pit K | 24 days | Mon 14/2/22 | Sat 12/3/22 | HK Working Day | 502 | 506 | 0% | NA | NA |

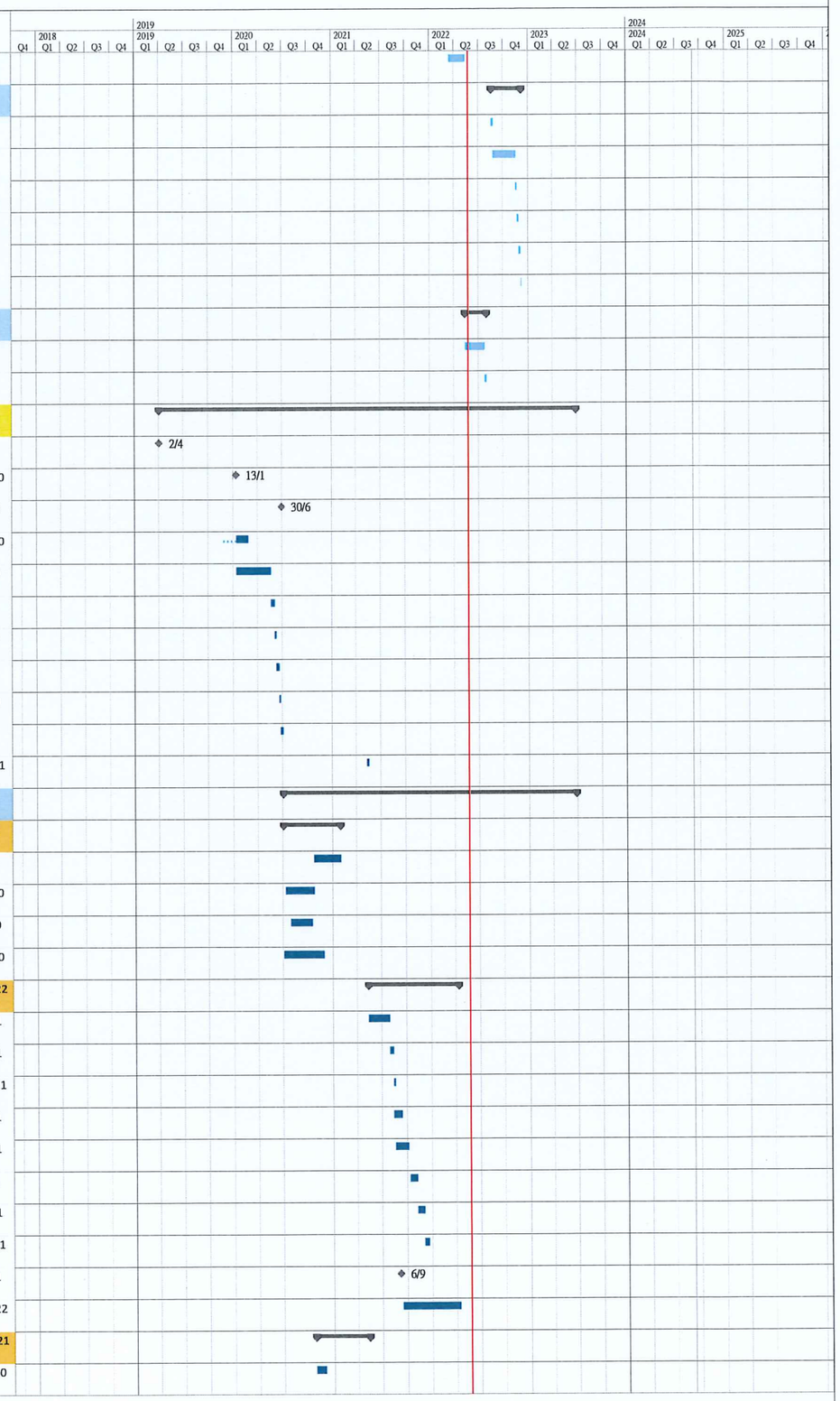



Working Programme No. 15
Data Date : 24 May 2022

Task | Split | Milestone | Summary | Project Summary | Inactive Task | Inactive Milestone | Inactive Summary | Manual Task | Duration-only | Manual Summary Rollup | Manual Summary | Start-only | Finish-only | External Tasks | External Milestone | Deadline | Critical | Critical Split | Progress | Manual Progress

Project: Mainlaying in Tseung Kwan O

| ID | Task Name | Duration | Start | Finish | Task Calendar | Predecessors | Successors | % Complete | Actual Start | Actual Finish |
|---|---|---|---|---|---|---|---|---|---|---|
| 506 | Construction of DN900 Valve Chamber and DN150 By-pass Pipe & Valves Near Pit K | 45 days | Mon 14/3/22 | Wed 11/5/22 | HK Working Day | 505 | 515 | 0% | NA | NA |
| 507 | **DN1200 Pipelaying (Pit P to Pit O)** | **92 days** | **Wed 17/8/22** | **Mon 5/12/22** | **HK Working Day** | | | **0%** | **NA** | **NA** |
| 508 | Setup for Pipe Laying inside jacking Pit O | 6 days | Wed 17/8/22 | Tue 23/8/22 | HK Working Day | 496,497 | 509 | 0% | NA | NA |
| 509 | DN1200 MS Pipe Laying inside jacking pipe (187m) (3 days per 8m)(Only Internal Coating) | 70 days | Wed 24/8/22 | Wed 16/11/22 | HK Working Day | 508 | 510 | 0% | NA | NA |
| 510 | Formwork & Setup for Grouting the gap between pipe and Sleeve | 3 days | Thu 17/11/22 | Sat 19/11/22 | HK Working Day | 509 | 511 | 0% | NA | NA |
| 511 | Grouting Works (30 meter/day) | 6 days | Mon 21/11/22 | Sat 26/11/22 | HK Working Day | 510 | 577,512,610 | 0% | NA | NA |
| 512 | Pipe Connection at Pit O | 6 days | Mon 28/11/22 | Sat 3/12/22 | HK Working Day | 511 | 513 | 0% | NA | NA |
| 513 | Remove ELS at Pit O | 1 day | Mon 5/12/22 | Mon 5/12/22 | HK Working Day | 512 | | 0% | NA | NA |
| 514 | **Reinstatement of Po Yap Road Roundabout** | **66 days** | **Thu 12/5/22** | **Fri 29/7/22** | **HK Working Day** | | | **0%** | **NA** | **NA** |
| 515 | Reinstatement Works | 60 days | Thu 12/5/22 | Fri 22/7/22 | HK Working Day | 506 | 516 | 0% | NA | NA |
| 516 | Handover Inspection with LCSD | 6 days | Sat 23/7/22 | Fri 29/7/22 | HK Working Day | 515 | | 0% | NA | NA |
| 517 | **Trenchless Work from Po Yap Road Roundabout (Hong Kong Velodrome)** | **1251 days** | **Tue 2/4/19** | **Mon 26/6/23** | **HK Working Day** | | **765** | **80%** | **Tue 2/4/19** | **NA** |
| 518 | Issue CE No. 14 - Manhole inspection of existing drain/Outfall near Hong Kong Velodrome and TKO stage 1 Landfill and CCTV survey of existing Drain at Cycle Track | 0 days | Tue 2/4/19 | Tue 2/4/19 | Calendar Day | | 521,522 | 100% | Tue 2/4/19 | Tue 2/4/19 |
| 519 | Issue CE No. 28 - Realignment of Water Mains along Po Yap Road and Po Hong Road | 0 days | Mon 13/1/20 | Mon 13/1/20 | Calendar Day | | 521,522 | 100% | Mon 13/1/20 | Mon 13/1/20 |
| 520 | Issue CE No. 28A - Affected Trees along Cycle Track next to Hong Kong Velodrome and Tseung Kwan O Sport Ground | 0 days | Tue 30/6/20 | Tue 30/6/20 | Calendar Day | | | 100% | Tue 30/6/20 | Tue 30/6/20 |
| 521 | Tender and Subletting for CE No. 28 | 99 days | Mon 18/11/19 | Mon 24/2/20 | Calendar Day | 519,518 | | 100% | Mon 18/11/19 | Mon 24/2/20 |
| 522 | TTA preparation, SLG meetings, obtain RA and TPRP Approval for Temporary Vehicular Access at HK Velodrome | 128 days | Mon 13/1/20 | Tue 19/5/20 | Calendar Day | 519,518 | 523 | 100% | Mon 13/1/20 | Tue 19/5/20 |
| 523 | Coordination with LCSD and Notification to District Councilors | 14 days | Wed 20/5/20 | Tue 2/6/20 | Calendar Day | 522 | 524 | 100% | Wed 20/5/20 | Tue 2/6/20 |
| 524 | Form Temporary Vehicle Access at TKO Sport Ground | 5 days | Mon 1/6/20 | Mon 8/6/20 | HK Working Day | 523 | 525 | 100% | Mon 1/6/20 | Mon 8/6/20 |
| 525 | Tree Transplanting Working & Tree Removal Works at TKO Sport Ground (CE No. 28) | 10 days | Tue 9/6/20 | Fri 19/6/20 | HK Working Day | 524 | 526 | 100% | Tue 9/6/20 | Fri 19/6/20 |
| 526 | Tree Pruning Working for driving Sheetpile at Pit M, Pit N & Pit O | 3 days | Sat 20/6/20 | Tue 23/6/20 | HK Working Day | 525 | 527 | 100% | Sat 20/6/20 | Tue 23/6/20 |
| 527 | Mobilization of Sheet-piles and Driving Machines | 7 days | Wed 24/6/20 | Fri 3/7/20 | HK Working Day | 526 | 534,532 | 100% | Wed 24/6/20 | Fri 3/7/20 |
| 528 | Works suspended by closure of vehicular access at Velodrome | 8 days | Mon 10/5/21 | Mon 17/5/21 | Calendar Day | | | 100% | Mon 10/5/21 | Mon 17/5/21 |
| 529 | **Trenchless Works (Pit L to Pit O)** | **882 days** | **Sat 4/7/20** | **Mon 26/6/23** | **HK Working Day** | | | **77%** | **Sat 4/7/20** | **NA** |
| 530 | **Construction of Jacking Pit & Receiving Pit** | **175 days** | **Sat 4/7/20** | **Sat 30/1/21** | **HK Working Day** | | | **100%** | **Sat 4/7/20** | **Sat 30/1/21** |
| 531 | Receiving Pit L | 81 days | Sat 24/10/20 | Sat 30/1/21 | HK Working Day | 532 | 489 | 100% | Sat 24/10/20 | Sat 30/1/21 |
| 532 | Jacking Pit M | 89 days | Sat 11/7/20 | Sat 24/10/20 | HK Working Day | 527 | 531,547 | 100% | Sat 11/7/20 | Sat 24/10/20 |
| 533 | Receiving Pit N | 66 days | Thu 30/7/20 | Fri 16/10/20 | HK Working Day | | | 100% | Thu 30/7/20 | Fri 16/10/20 |
| 534 | Jacking / Receiving Pit O + additional Grouting | 124 days | Sat 4/7/20 | Sat 28/11/20 | HK Working Day | 527 | 551 | 100% | Sat 4/7/20 | Sat 28/11/20 |
| 535 | **TBM Pipe Jacking (Pit M to Pit L)** | **273 days** | **Thu 13/5/21** | **Mon 11/4/22** | **HK Working Day** | | | **100%** | **Thu 13/5/21** | **Mon 11/4/22** |
| 536 | Re-establishment at Pit M for changing jacking direction | 64 days | Thu 13/5/21 | Thu 29/7/21 | HK Working Day | 549 | 537 | 100% | Thu 13/5/21 | Thu 29/7/21 |
| 537 | DN1600 Precast Concrete Sleeve Pipe (Pit M - Pit L) approx. 10m | 12 days | Fri 30/7/21 | Thu 12/8/21 | HK Working Day | 536 | 538,539 | 100% | Fri 30/7/21 | Thu 12/8/21 |
| 538 | TBM suspended, review for Rescue pit construction | 5 days | Fri 13/8/21 | Wed 18/8/21 | HK Working Day | 537 | 540 | 100% | Fri 13/8/21 | Wed 18/8/21 |
| 539 | Review and study the alternative construction method (Open Cut in normal condition) | 26 days | Fri 13/8/21 | Sun 12/9/21 | HK Working Day | 537 | 544 | 100% | Fri 13/8/21 | Sun 12/9/21 |
| 540 | Rescue Pit Construction & Retrieval of TBM | 39 days | Thu 19/8/21 | Tue 5/10/21 | HK Working Day | 538 | 541 | 100% | Thu 19/8/21 | Tue 5/10/21 |
| 541 | Set up working platform and lifting grantry at Rescue Pit for Handshield; Forming Entrance | 23 days | Mon 11/10/21 | Sat 6/11/21 | HK Working Day | 540 | 542 | 100% | Mon 11/10/21 | Sat 6/11/21 |
| 542 | Hand dig tunnel between Pit M and Rescue Pit | 22 days | Mon 8/11/21 | Thu 2/12/21 | HK Working Day | 541 | 543 | 100% | Mon 8/11/21 | Thu 2/12/21 |
| 543 | Remove setup & removal of Thrust wall | 14 days | Fri 3/12/21 | Sat 18/12/21 | HK Working Day | 542 | 560 | 100% | Fri 3/12/21 | Sat 18/12/21 |
| 544 | WSD accepted Alternative Scheme from Pit O to Pit L | 0 days | Mon 6/9/21 | Mon 6/9/21 | HK Working Day | 539 | 545 | 100% | Mon 6/9/21 | Mon 6/9/21 |
| 545 | Water mains by Open Cut Method (West Portion - 143m) | 171 days | Mon 13/9/21 | Mon 11/4/22 | HK Working Day | 544 | 560,499 | 100% | Mon 13/9/21 | Mon 11/4/22 |
| 546 | **TBM Pipe Jacking (Pit M to Pit N)** | **159 days** | **Mon 26/10/20** | **Wed 12/5/21** | **HK Working Day** | | | **100%** | **Mon 26/10/20** | **Wed 12/5/21** |
| 547 | Establishment at Pit M | 29 days | Mon 26/10/20 | Sat 28/11/20 | HK Working Day | 532 | 548 | 100% | Mon 26/10/20 | Sat 28/11/20 |

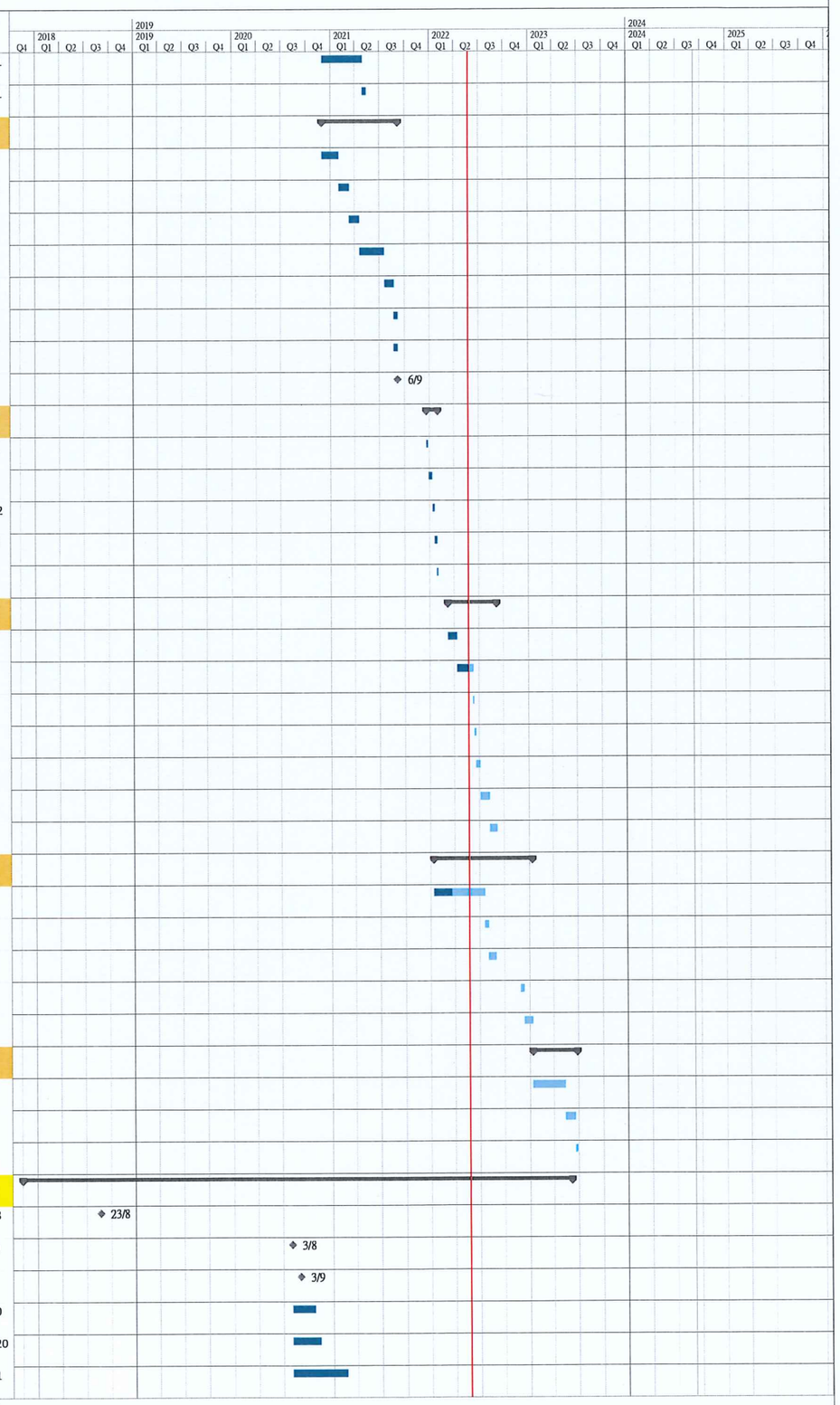



Working Programme No. 15
Data Date : 24 May 2022

Task | Split | Milestone | Summary | Project Summary | Inactive Task | Inactive Milestone | Inactive Summary | Manual Task | Duration-only | Manual Summary Rollup | Manual Summary | Start-only | Finish-only | External Tasks | External Milestone | Deadline | Critical | Critical Split | Progress | Manual Progress

Project: Mainlaying in Tseung Kwan O

| ID | Task Name | Duration | Start | Finish | Task Calendar | Predecessors | Successors | % Complete | Actual Start | Actual Finish |
|---|---|---|---|---|---|---|---|---|---|---|
| 548 | DN1600 Precast Concrete Sleeve Pipe (Pit M - Pit N) (CH.GA1+86 to CH.GA3+20) in Soil (134m; 3.5m/day) | 119 days | Mon 30/11/20 | Wed 28/4/21 | HK Working Day | 547 | 549 | 100% | Mon 30/11/20 | Wed 28/4/21 |
| 549 | Grouting around sleeve pipe | 11 days | Thu 29/4/21 | Wed 12/5/21 | HK Working Day | 548 | 536 | 100% | Thu 29/4/21 | Wed 12/5/21 |
| 550 | **TBM Pipe Jacking (Pit O to Pit N)** | **226 days** | **Mon 30/11/20** | **Mon 6/9/21** | **HK Working Day** | | | **100%** | **Mon 30/11/20** | **Mon 6/9/21** |
| 551 | Establishment at Pit O | 51 days | Mon 30/11/20 | Sat 30/1/21 | HK Working Day | 534 | 552 | 100% | Mon 30/11/20 | Sat 30/1/21 |
| 552 | DN1600 Precast Concrete Sleeve Pipe (Pit O - Pit N) Suspended due to water ingress and obstruction at 8m away from Pit O | 31 days | Mon 1/2/21 | Thu 11/3/21 | HK Working Day | 551 | 553 | 100% | Mon 1/2/21 | Thu 11/3/21 |
| 553 | Retraction of Sleeve pipe | 28 days | Fri 12/3/21 | Sat 17/4/21 | HK Working Day | 552 | 554 | 100% | Fri 12/3/21 | Sat 17/4/21 |
| 554 | Rescue Pit for TBM | 74 days | Mon 19/4/21 | Sat 17/7/21 | HK Working Day | 553 | 555 | 100% | Mon 19/4/21 | Sat 17/7/21 |
| 555 | Remove TBM from Rescue Pit; Detail Inspection ad Trial operation on ground | 30 days | Mon 19/7/21 | Sat 21/8/21 | HK Working Day | 554 | 556,557,493 | 100% | Mon 19/7/21 | Sat 21/8/21 |
| 556 | Dismantle and remove set up at Pit O | 12 days | Mon 23/8/21 | Sat 4/9/21 | HK Working Day | 555 | | 100% | Mon 23/8/21 | Sat 4/9/21 |
| 557 | Review and study the alternative construction method (Open Cut in wet condition) | 12 days | Mon 23/8/21 | Sat 4/9/21 | HK Working Day | 555 | 558 | 100% | Mon 23/8/21 | Sat 4/9/21 |
| 558 | WSD accepted Alternative Scheme from Pit O to Pit L | 0 days | Mon 6/9/21 | Mon 6/9/21 | HK Working Day | 557 | 574 | 100% | Mon 6/9/21 | Mon 6/9/21 |
| 559 | **DN1200 Pipelaying in side Hang Dig Tunnel (Pit M to Pit L)** | **33 days** | **Mon 20/12/21** | **Sat 29/1/22** | **HK Working Day** | | | **100%** | **Mon 20/12/21** | **Sat 29/1/22** |
| 560 | setup for pipe laying inside hand dig tunnel | 5 days | Mon 20/12/21 | Fri 24/12/21 | HK Working Day | 543,545 | 561 | 100% | Mon 20/12/21 | Fri 24/12/21 |
| 561 | DN1200 MS Pipe Laying inside Hand dig tunnel | 10 days | Tue 28/12/21 | Sat 8/1/22 | HK Working Day | 560 | 562 | 100% | Tue 28/12/21 | Sat 8/1/22 |
| 562 | Formwork & Setup for Grouting the gap between pipe and Sleeve | 5 days | Wed 12/1/22 | Mon 17/1/22 | HK Working Day | 561 | 563 | 100% | Wed 12/1/22 | Mon 17/1/22 |
| 563 | Grouting Works (30 meter/day) | 8 days | Wed 19/1/22 | Thu 27/1/22 | HK Working Day | 562 | 564 | 100% | Wed 19/1/22 | Thu 27/1/22 |
| 564 | Remove Pit setup | 2 days | Fri 28/1/22 | Sat 29/1/22 | HK Working Day | 563 | 570,566,580 | 100% | Fri 28/1/22 | Sat 29/1/22 |
| 565 | **DN1200 Pipelaying in Sleeve pipe (Pit M to Pit N)** | **147 days** | **Tue 8/3/22** | **Sat 3/9/22** | **HK Working Day** | | | **42%** | **Tue 8/3/22** | **NA** |
| 566 | Setup for Pipe Laying inside jacking Pit N | 28 days | Tue 8/3/22 | Sat 9/4/22 | HK Working Day | 564 | 567 | 100% | Tue 8/3/22 | Sat 9/4/22 |
| 567 | DN1200 MS Pipe Laying inside jacking pipe (134m) (3 days per 8m)(Only Internal Coating) | 45 days | Mon 11/4/22 | Wed 8/6/22 | HK Working Day | 566 | 568 | 75% | Mon 11/4/22 | NA |
| 568 | Formwork & Setup for Grouting the gap between pipe and Sleeve | 3 days | Thu 9/6/22 | Sat 11/6/22 | HK Working Day | 567 | 569 | 0% | NA | NA |
| 569 | Grouting Works (30 meter/day) | 5 days | Mon 13/6/22 | Fri 17/6/22 | HK Working Day | 568 | 570,575 | 0% | NA | NA |
| 570 | Pipe Connection Inside Pit M | 12 days | Sat 18/6/22 | Sat 2/7/22 | HK Working Day | 569,564 | 571 | 0% | NA | NA |
| 571 | Construction of IT Chamber at Pit M | 30 days | Mon 4/7/22 | Sat 6/8/22 | HK Working Day | 570 | 572 | 0% | NA | NA |
| 572 | Remove ELS including extracting sheet piles at Pit M & Pit N | 24 days | Mon 8/8/22 | Sat 3/9/22 | HK Working Day | 571 | 580 | 0% | NA | NA |
| 573 | **DN1200 Pipelaying (Pit O to Pit N)** | **296 days** | **Wed 12/1/22** | **Wed 11/1/23** | **HK Working Day** | | | **24%** | **Wed 12/1/22** | **NA** |
| 574 | Water mains by Open Cut Method (West Portion - 177m) | 150 days | Wed 12/1/22 | Mon 18/7/22 | HK Working Day | 558 | 575 | 36% | Wed 12/1/22 | NA |
| 575 | Pipe Connection Inside Pit N | 12 days | Tue 19/7/22 | Mon 1/8/22 | HK Working Day | 569,574 | 576 | 0% | NA | NA |
| 576 | Remove ELS including extracting sheet piles at Pit N | 24 days | Tue 2/8/22 | Mon 29/8/22 | HK Working Day | 575 | 580 | 0% | NA | NA |
| 577 | Pipe Connection in side Pit O | 12 days | Mon 28/11/22 | Sat 10/12/22 | HK Working Day | 511 | 578 | 0% | NA | NA |
| 578 | Remove ELS including extracting sheet piles at Pit O | 24 days | Mon 12/12/22 | Wed 11/1/23 | HK Working Day | 577 | 580 | 0% | NA | NA |
| 579 | **Reinstallation of Cycle track Pavement and Planter** | **132 days** | **Thu 12/1/23** | **Mon 26/6/23** | **HK Working Day** | | | **0%** | **NA** | **NA** |
| 580 | Reinstalment Works | 96 days | Thu 12/1/23 | Fri 12/5/23 | HK Working Day | 576,578,572,564 | 581 | 0% | NA | NA |
| 581 | Compensation Tree Planting | 30 days | Sat 13/5/23 | Sat 17/6/23 | HK Working Day | 580 | 582 | 0% | NA | NA |
| 582 | Handover Inspection with LCSD and HyD | 6 days | Mon 19/6/23 | Mon 26/6/23 | HK Working Day | 581 | | 0% | NA | NA |
| 583 | **Water Mains from KMB Depot to TKO Fresh Water Preliminary Service Reservoir** | **1649 days** | **Tue 7/11/17** | **Mon 5/6/23** | **HK Working Day** | | | **80%** | **Tue 7/11/17** | **NA** |
| 584 | Issue CE No. 04 - Feasibility Study of Realignment of Pipeline between Po Hung Road and TKO Freshwater PSR | 0 days | Thu 23/8/18 | Thu 23/8/18 | Calendar Day | | | 100% | Thu 23/8/18 | Thu 23/8/18 |
| 585 | Issue CE No. 51 - Realignment of Water Main in Tsui Lam Section | 0 days | Mon 3/8/20 | Mon 3/8/20 | Calendar Day | | 590,587,736,588,589 | 100% | Mon 3/8/20 | Mon 3/8/20 |
| 586 | Issue WSD Letter Ref.: (4) in WSD/M/7503/13/WSD/16/M15/300/51 for additional works to CE No. 51 | 0 days | Thu 3/9/20 | Thu 3/9/20 | Calendar Day | | | 100% | Thu 3/9/20 | Thu 3/9/20 |
| 587 | Tendering Process, Tender Award for CE No. 51 (Batch No, 1) | 82 days | Mon 3/8/20 | Fri 23/10/20 | Calendar Day | 585 | | 100% | Mon 3/8/20 | Fri 23/10/20 |
| 588 | Tendering Process, Tender Award for CE No. 51 (Batch No. 2) | 102 days | Mon 3/8/20 | Thu 12/11/20 | Calendar Day | 585 | | 100% | Mon 3/8/20 | Thu 12/11/20 |
| 589 | Tendering Process, Tender Award for CE No. 51 (Batch No. 3)) | 200 days | Mon 3/8/20 | Thu 18/2/21 | Calendar Day | 585 | 735,737 | 100% | Mon 3/8/20 | Thu 18/2/21 |

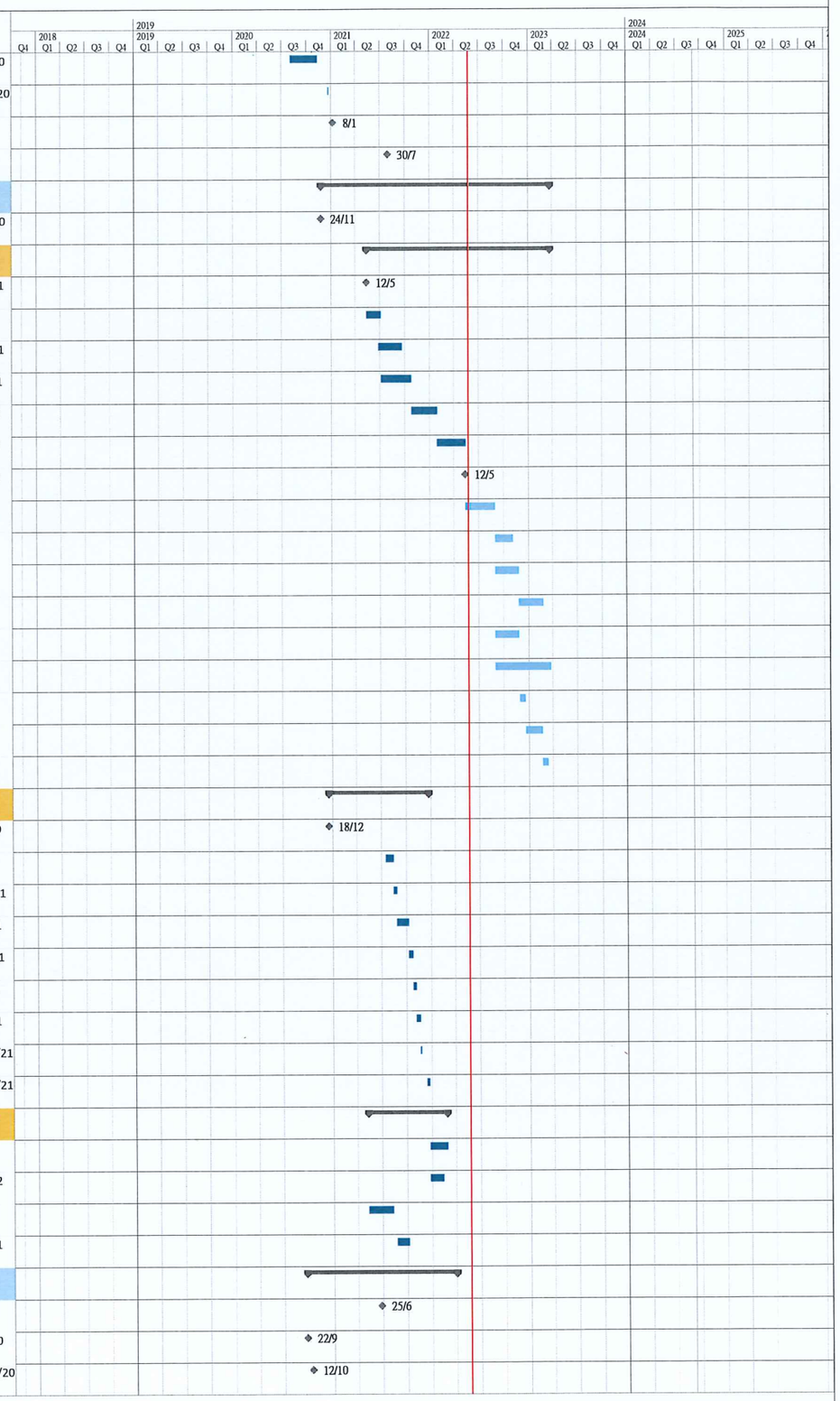



Working Programme No. 15
Data Date : 24 May 2022

Task | Split | Milestone | Summary | Project Summary | Inactive Task | Inactive Milestone | Inactive Summary | Manual Task | Duration-only | Manual Summary Rollup | Manual Summary | Start-only | Finish-only | External Tasks | External Milestone | Deadline | Critical | Critical Split | Progress | Manual Progress

Project: Mainlaying in Tseung Kwan O

| ID | Task Name | Duration | Start | Finish | Task Calendar | Predecessors | Successors | % Complete | Actual Start | Actual Finish |
|---|---|---|---|---|---|---|---|---|---|---|
| 590 | TTA preparation, SLG meetings, obtain RA and implement Advanced Works | 100 days | Mon 3/8/20 | Tue 10/11/20 | Calendar Day | 585 | | 100% | Mon 3/8/20 | Tue 10/11/20 |
| 591 | Ground Investigation at Pit R | 1 day | Mon 21/12/20 | Mon 21/12/20 | HK Working Day | | | 100% | Mon 21/12/20 | Mon 21/12/20 |
| 592 | Issue EWN No.. 269 - Unexpected High Rockhead Level Encountered at Working Pit R | 0 days | Fri 8/1/21 | Fri 8/1/21 | HK Working Day | | | 100% | Fri 8/1/21 | Fri 8/1/21 |
| 593 | Receiving of Drawing No. SK40134-517 for Changing Construction Method and Alignment from Pit P to Pit T | 0 days | Fri 30/7/21 | Fri 30/7/21 | HK Working Day | | | 100% | Fri 30/7/21 | Fri 30/7/21 |
| 594 | **Trenchless Works from Pit P to Mau Wu Tsai Abandon Road** | **688 days** | **Tue 24/11/20** | **Wed 22/3/23** | **HK Working Day** | | **765** | **54%** | **Tue 24/11/20** | **NA** |
| 595 | Issue EWN No. 241 for Tree Issue for Changing Trenchless (Pit S to Pit T) to Open Cut at Control Site (CS-108) | 0 days | Tue 24/11/20 | Tue 24/11/20 | HK Working Day | | 626 | 100% | Tue 24/11/20 | Tue 24/11/20 |
| 596 | **TBM Pipe Jacking (Pit P to Pit Y)** | **554 days** | **Wed 12/5/21** | **Wed 22/3/23** | **HK Working Day** | | | **39%** | **Wed 12/5/21** | **NA** |
| 597 | WSD agreed to carry out Horizontal grout from Pit P to Pit Y (45m) | 0 days | Wed 12/5/21 | Wed 12/5/21 | HK Working Day | | 598 | 100% | Wed 12/5/21 | Wed 12/5/21 |
| 598 | Mobilization and Carry out Horizontal grouting | 43 days | Wed 12/5/21 | Sat 3/7/21 | HK Working Day | 597 | 600 | 100% | Wed 12/5/21 | Sat 3/7/21 |
| 599 | Receiving Pit Y | 74 days | Fri 25/6/21 | Mon 20/9/21 | HK Working Day | | | 100% | Fri 25/6/21 | Mon 20/9/21 |
| 600 | Establishment and Set up for pipe jacking at Pit P | 93 days | Mon 5/7/21 | Sat 23/10/21 | HK Working Day | 598 | 601 | 100% | Mon 5/7/21 | Sat 23/10/21 |
| 601 | Jacking DN1600 Precast Concrete Sleeve Pipe | 79 days | Mon 25/10/21 | Thu 27/1/22 | HK Working Day | 600 | | 100% | Mon 25/10/21 | Thu 27/1/22 |
| 602 | Stop Works due to incident at KMB deport | 106 days | Thu 27/1/22 | Thu 12/5/22 | Calendar Day | | 603FF | 100% | Thu 27/1/22 | Thu 12/5/22 |
| 603 | WSD obtained approval from TD, KMD and HyD | 0 days | Thu 12/5/22 | Thu 12/5/22 | Calendar Day | 602FF | 604 | 100% | Thu 12/5/22 | Thu 12/5/22 |
| 604 | Constuction of Rescure Pit at KMB Depot and Remove TBM | 90 days | Fri 13/5/22 | Sat 27/8/22 | HK Working Day | 603 | 606,608,609,605 | 1% | Fri 13/5/22 | NA |
| 605 | Pipe Laying from Pit P to Rescure Pit at KMB Depot | 54 days | Mon 29/8/22 | Wed 2/11/22 | HK Working Day | 604 | 610 | 0% | NA | NA |
| 606 | Open Cut at KMB Depot Stage 1 | 72 days | Mon 29/8/22 | Wed 23/11/22 | HK Working Day | 604 | 607 | 0% | NA | NA |
| 607 | Open Cut at KMB Depot Stage 2 | 72 days | Thu 24/11/22 | Wed 22/2/23 | HK Working Day | 606 | | 0% | NA | NA |
| 608 | Open Cut outside at KMB Depot along Po Hong Road Green Area | 72 days | Mon 29/8/22 | Wed 23/11/22 | HK Working Day | 604 | | 0% | NA | NA |
| 609 | Open Cut Across Po Hong Road (Lane by Lane, 42 W.D. per lanes; 4 Stage) | 168 days | Mon 29/8/22 | Wed 22/3/23 | HK Working Day | 604 | | 0% | NA | NA |
| 610 | Pipe Connection inside Working Pit P | 18 days | Mon 28/11/22 | Sat 17/12/22 | HK Working Day | 605,511 | 611 | 0% | NA | NA |
| 611 | Construction of Combined chamber at Pit P | 48 days | Mon 19/12/22 | Sat 18/2/23 | HK Working Day | 610 | 612 | 0% | NA | NA |
| 612 | Remove ELS including extracting sheet piles at Pit P; Reinstatement | 18 days | Mon 20/2/23 | Sat 11/3/23 | HK Working Day | 611 | | 0% | NA | NA |
| 613 | **Hand Shield Pipe Jacking from Pit R to Pit Y** | **300 days** | **Fri 18/12/20** | **Wed 22/12/21** | **HK Working Day** | | | **100%** | **Fri 18/12/20** | **Wed 22/12/21** |
| 614 | Issue CE No. 94 - Site Clearance of Affected Trees and Plants for Mainlaying works near Po Hong Road and Ling Hong Road | 0 days | Fri 18/12/20 | Fri 18/12/20 | Calendar Day | | 416 | 100% | Fri 18/12/20 | Fri 18/12/20 |
| 615 | Jacking / Receiving Pit R | 25 days | Fri 16/7/21 | Fri 13/8/21 | HK Working Day | | 616 | 100% | Fri 16/7/21 | Fri 13/8/21 |
| 616 | Establishment at Pit R | 10 days | Sat 14/8/21 | Wed 25/8/21 | HK Working Day | 615 | 617 | 100% | Sat 14/8/21 | Wed 25/8/21 |
| 617 | Mild Steel Sleeve Pipe in Mix of Soil (26m)(0.8m/day) | 35 days | Thu 26/8/21 | Thu 7/10/21 | HK Working Day | 616 | 618 | 100% | Thu 26/8/21 | Thu 7/10/21 |
| 618 | Remove Setup at Pit R | 13 days | Fri 8/10/21 | Sat 23/10/21 | HK Working Day | 617 | 619 | 100% | Fri 8/10/21 | Sat 23/10/21 |
| 619 | Setup for Pipe Laying inside Jacking Pit R | 12 days | Mon 25/10/21 | Sat 6/11/21 | HK Working Day | 618 | 620 | 100% | Mon 25/10/21 | Sat 6/11/21 |
| 620 | DN1200 MS Pipe Laying inside Jacking Pipe (3 days per 4m)(Only Internal Coating) | 13 days | Fri 5/11/21 | Fri 19/11/21 | HK Working Day | 619 | 621 | 100% | Fri 5/11/21 | Fri 19/11/21 |
| 621 | Formwork & Setup for Grouting the gap between pipe and Sleeve | 2 days | Sat 20/11/21 | Mon 22/11/21 | HK Working Day | 620 | 622 | 100% | Sat 20/11/21 | Mon 22/11/21 |
| 622 | Grouting Works | 9 days | Mon 13/12/21 | Wed 22/12/21 | HK Working Day | 621 | 624 | 100% | Mon 13/12/21 | Wed 22/12/21 |
| 623 | **Open Cut Excavation from Pit R to Mau Wu Tsai Abandon Road** | **239 days** | **Mon 10/5/21** | **Fri 25/2/22** | **HK Working Day** | | **767** | **100%** | **Mon 10/5/21** | **Fri 25/2/22** |
| 624 | Open Cut, CH.HA0+28 - CH.HA0+48 with DAV Chamber (Connecting to Pit R) | 49 days | Fri 24/12/21 | Fri 25/2/22 | HK Working Day | 622,627 | 625 | 100% | Fri 24/12/21 | Fri 25/2/22 |
| 625 | Construction of DN900 Valve Chamber with by-pass at CH.HA0+44 | 36 days | Fri 24/12/21 | Thu 10/2/22 | HK Working Day | 624 | | 100% | Fri 24/12/21 | Thu 10/2/22 |
| 626 | Open Cut, CH.HA0+48 - CH.HA 1+20 OC with DN600 IT Chamber (Connecting Original CH.HA0+80) | 75 days | Mon 10/5/21 | Sun 8/8/21 | HK Working Day | 635,595 | 627 | 100% | Mon 10/5/21 | Sun 8/8/21 |
| 627 | Construction of Wash Out Chamber & Reserved Tee at CH.HA0+49 | 36 days | Mon 23/8/21 | Tue 5/10/21 | HK Working Day | 626 | 624 | 100% | Mon 23/8/21 | Tue 5/10/21 |
| 628 | **Open Trench Pipe laying at Abandoned Road** | **451 days** | **Tue 22/9/20** | **Thu 31/3/22** | **HK Working Day** | | **767** | **91%** | **Tue 22/9/20** | **NA** |
| 629 | Issue CE No. 121 - Non-explosive agent in Abandoned Road Near Mau Wu Tsai Village | 0 days | Fri 25/6/21 | Fri 25/6/21 | HK Working Day | | | 100% | Fri 25/6/21 | Fri 25/6/21 |
| 630 | Issue CE No. 70 - Landscaping Survey near Mau Wu Tsai Village | 0 days | Tue 22/9/20 | Tue 22/9/20 | HK Working Day | | | 100% | Tue 22/9/20 | Tue 22/9/20 |
| 631 | Issue CE No. 86 - Tree Affected in Mainlaying Works near Mau Wu Tsai Village | 0 days | Mon 12/10/20 | Mon 12/10/20 | HK Working Day | | 632 | 100% | Mon 12/10/20 | Mon 12/10/20 |

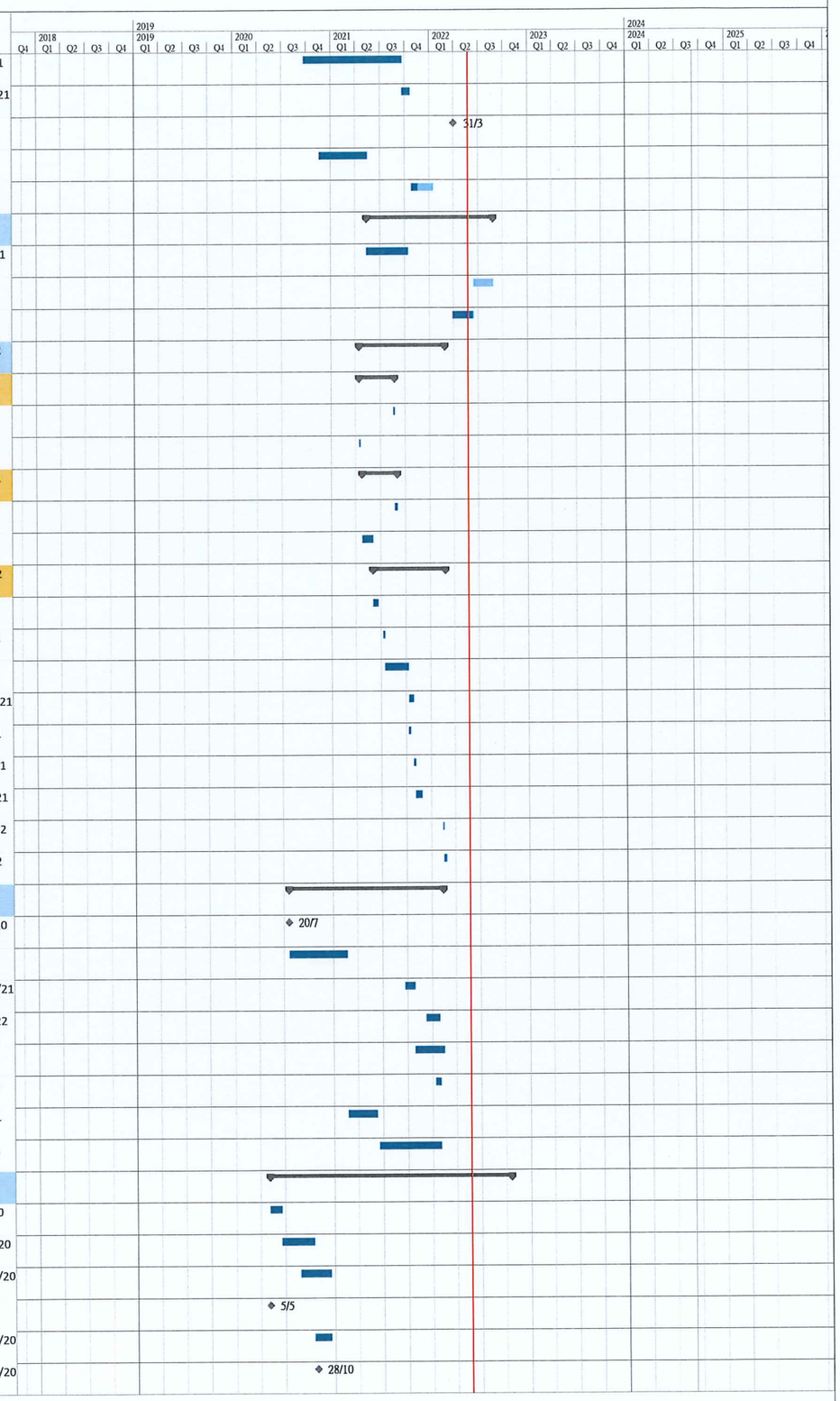



Working Programme No. 15
Data Date : 24 May 2022

Task | Split | Milestone | Summary | Project Summary | Inactive Task | Inactive Milestone | Inactive Summary | Manual Task | Duration-only | Manual Summary Rollup | Manual Summary | Start-only | Finish-only | External Tasks | External Milestone | Deadline | Critical | Critical Split | Progress | Manual Progress

Project: Mainlaying in Tseung Kwan O

| ID | Task Name | Duration | Start | Finish | Task Calendar | Predecessors | Successors | % Complete | Actual Start | Actual Finish |
|---|---|---|---|---|---|---|---|---|---|---|
| 632 | Tree survey, TPRP Submission and Receiving TPRP approval | 295 days | Tue 22/9/20 | Mon 20/9/21 | HK Working Day | 631 | 661,633 | 100% | Tue 22/9/20 | Mon 20/9/21 |
| 633 | Mobilization and Tree Removal | 23 days | Tue 21/9/21 | Wed 20/10/21 | HK Working Day | 632 | 663,636 | 100% | Tue 21/9/21 | Wed 20/10/21 |
| 634 | Issue CE No. XXX - Change Trenchless (Pit U - Pit V) to Open Cut and Revised the Alignment | 0 days | Thu 31/3/22 | Thu 31/3/22 | HK Working Day | | | 0% | NA | NA |
| 635 | Open Cut, CH.HA0+80 - CH.HA3+17 | 141 days | Thu 19/11/20 | Fri 14/5/21 | HK Working Day | | 626 | 100% | Thu 19/11/20 | Fri 14/5/21 |
| 636 | Open Cut, CH.HA3+17 - CH.HA3+79 | 66 days | Tue 26/10/21 | Thu 13/1/22 | HK Working Day | 633 | | 30% | Tue 26/10/21 | NA |
| 637 | **Open Trench Pipe Laying at Po Lam Road South (Mau Wu Tsai Village)** | **382 days** | **Wed 12/5/21** | **Tue 23/8/22** | **HK Working Day** | | | **74%** | **Wed 12/5/21** | **NA** |
| 638 | Open Cut, CH.HA3+79 - CH.HA4+68 with SACP | 127 days | Wed 12/5/21 | Tue 12/10/21 | HK Working Day | | 639 | 100% | Wed 12/5/21 | Tue 12/10/21 |
| 639 | Open Cut, CH.HA4+68 - CH.HA5+21 | 60 days | Tue 14/6/22 | Tue 23/8/22 | HK Working Day | 638,640 | | 0% | NA | NA |
| 640 | Open Cut, CH.HA5+21 - CH.HA5+55 (Pit W) | 60 days | Mon 28/3/22 | Mon 13/6/22 | HK Working Day | | 639 | 95% | Mon 28/3/22 | NA |
| 641 | **Trenchless Work at Po Lam Road South** | **259 days** | **Wed 14/4/21** | **Thu 24/2/22** | **HK Working Day** | | | **100%** | **Wed 14/4/21** | **Thu 24/2/22** |
| 642 | **Inspection Pit Excavation** | **108 days** | **Wed 14/4/21** | **Sat 21/8/21** | **HK Working Day** | | | **100%** | **Wed 14/4/21** | **Sat 21/8/21** |
| 643 | Inspection Pit Excavation at Pit W | 4 days | Wed 18/8/21 | Sat 21/8/21 | HK Working Day | | 646 | 100% | Wed 18/8/21 | Sat 21/8/21 |
| 644 | Inspection Pit Excavation at Pit X | 3 days | Wed 14/4/21 | Fri 16/4/21 | HK Working Day | | 647 | 100% | Wed 14/4/21 | Fri 16/4/21 |
| 645 | **Construction of Jacking / Receiving Pits** | **107 days** | **Sat 24/4/21** | **Tue 31/8/21** | **HK Working Day** | | | **100%** | **Sat 24/4/21** | **Tue 31/8/21** |
| 646 | Receiving Pit W | 8 days | Mon 23/8/21 | Tue 31/8/21 | HK Working Day | 643 | | 100% | Mon 23/8/21 | Tue 31/8/21 |
| 647 | Jacking Pit X | 31 days | Sat 24/4/21 | Tue 1/6/21 | HK Working Day | 644 | 649 | 100% | Sat 24/4/21 | Tue 1/6/21 |
| 648 | **Hand Shield Pipe Jacking from Pit W to Pit X (~85m)** | **219 days** | **Wed 2/6/21** | **Thu 24/2/22** | **HK Working Day** | | | **100%** | **Wed 2/6/21** | **Thu 24/2/22** |
| 649 | Establishment at Pit X | 15 days | Wed 2/6/21 | Sat 19/6/21 | HK Working Day | 647 | 650 | 100% | Wed 2/6/21 | Sat 19/6/21 |
| 650 | Form Entrance Opening at pit X | 5 days | Thu 8/7/21 | Tue 13/7/21 | HK Working Day | 649 | 651 | 100% | Thu 8/7/21 | Tue 13/7/21 |
| 651 | Mild Steel Sleeve Pipe in Mix of Soil (46m) (0.6m / day) | 73 days | Wed 14/7/21 | Fri 8/10/21 | HK Working Day | 650 | 652,653 | 100% | Wed 14/7/21 | Fri 8/10/21 |
| 652 | Rearrangement Wailing and Form Exit Opening at Pit W | 14 days | Mon 11/10/21 | Wed 27/10/21 | HK Working Day | 651 | 654 | 100% | Mon 11/10/21 | Wed 27/10/21 |
| 653 | Remove Setup it Pi X | 5 days | Sat 9/10/21 | Fri 15/10/21 | HK Working Day | 651 | 654 | 100% | Sat 9/10/21 | Fri 15/10/21 |
| 654 | Setup for Pipe Laying inside Jacking Pit X | 6 days | Thu 28/10/21 | Wed 3/11/21 | HK Working Day | 653,652 | 655 | 100% | Thu 28/10/21 | Wed 3/11/21 |
| 655 | DN900 MS Pipe Laying inside Jacking Pipe (3 days per 4m)(Only Internal) | 19 days | Thu 4/11/21 | Thu 25/11/21 | HK Working Day | 654 | 656 | 100% | Thu 4/11/21 | Thu 25/11/21 |
| 656 | Formwork & Setup for Grouting the gap between pipe and Sleeve | 2 days | Sat 12/2/22 | Mon 14/2/22 | HK Working Day | 655 | 657 | 100% | Sat 12/2/22 | Mon 14/2/22 |
| 657 | Grouting Works (30m per day) | 9 days | Tue 15/2/22 | Thu 24/2/22 | HK Working Day | 656 | | 100% | Tue 15/2/22 | Thu 24/2/22 |
| 658 | **Open Trench Pipe Laying at Po Lam Road (West Bound)** | **465 days** | **Mon 20/7/20** | **Fri 11/2/22** | **HK Working Day** | | **767,768** | **100%** | **Mon 20/7/20** | **Fri 11/2/22** |
| 659 | Issue CE No. 68 - TIA for TTA at Po Lam Road | 0 days | Mon 20/7/20 | Mon 20/7/20 | HK Working Day | | 660 | 100% | Mon 20/7/20 | Mon 20/7/20 |
| 660 | Traffic Survey and Revise TIA, revised TTA Drawings, Obtain RA | 177 days | Mon 20/7/20 | Sat 20/2/21 | HK Working Day | 659 | 665 | 100% | Mon 20/7/20 | Sat 20/2/21 |
| 661 | Mobilization and Tree Removal | 29 days | Tue 21/9/21 | Wed 27/10/21 | HK Working Day | 632 | 663,664,662 | 100% | Tue 21/9/21 | Wed 27/10/21 |
| 662 | Construction of DAV Chamber at Pit X | 41 days | Tue 7/12/21 | Wed 26/1/22 | HK Working Day | 661 | | 100% | Tue 7/12/21 | Wed 26/1/22 |
| 663 | Open Cut, fromt Pit X, CH.HA6+00 - CH.HA6+54 | 86 days | Thu 28/10/21 | Fri 11/2/22 | HK Working Day | 661,665,633 | | 100% | Thu 28/10/21 | Fri 11/2/22 |
| 664 | Construction of DN900 Valve Chamber and By Pass Pipes | 17 days | Tue 11/1/22 | Sat 29/1/22 | HK Working Day | 661 | | 100% | Tue 11/1/22 | Sat 29/1/22 |
| 665 | Open Cut, CH.HA6+54 to CH.HA7+24 (Portion SKR) with SACP | 85 days | Mon 22/2/21 | Mon 7/6/21 | HK Working Day | 660 | 666,663 | 100% | Mon 22/2/21 | Mon 7/6/21 |
| 666 | Open Cut, CH.HA7+24 - CH.HA7+61/CH.HB0+00 Excavation in Rock | 189 days | Wed 16/6/21 | Sat 29/1/22 | HK Working Day | 665 | | 100% | Wed 16/6/21 | Sat 29/1/22 |
| 667 | **Water Main Structure and Associated Pipe Support across the Natural Stream Course (Location A) (CH.HB0+00 ~ CH.HB0+ CE )** | **730 days** | **Tue 5/5/20** | **Tue 18/10/22** | **HK Working Day** | | **768** | **93%** | **Tue 5/5/20** | **NA** |
| 668 | Design Submission (CE No. 55) for Water Main Structure and Associated Pipe Support across the Natural Stream Course | 37 days | Tue 5/5/20 | Tue 16/6/20 | HK Working Day | | 669 | 100% | Tue 5/5/20 | Tue 16/6/20 |
| 669 | WSD & GEO Review and Approve | 121 days | Wed 17/6/20 | Thu 15/10/20 | Calendar Day | 668 | 672 | 100% | Wed 17/6/20 | Thu 15/10/20 |
| 670 | Tendering Process, Tender Award for CE No. 51 (Location A Mini-pile Works) | 113 days | Wed 26/8/20 | Wed 16/12/20 | Calendar Day | | | 100% | Wed 26/8/20 | Wed 16/12/20 |
| 671 | Issue CE No. 55 - Design of the Water Mains Structure and Associated Pipe Support across the Natural Stream Course for Alternative Alignment in Tsui Lam | 0 days | Tue 5/5/20 | Tue 5/5/20 | Calendar Day | | | 100% | Tue 5/5/20 | Tue 5/5/20 |
| 672 | Tender and Subletting (Mini-Pile) | 62 days | Fri 16/10/20 | Wed 16/12/20 | Calendar Day | 669 | | 100% | Fri 16/10/20 | Wed 16/12/20 |
| 673 | Issue CE No. 85 - Affected Trees across the Natural Stream Course at Tsui Lam (Location A) | 0 days | Wed 28/10/20 | Wed 28/10/20 | Calendar Day | | | 100% | Wed 28/10/20 | Wed 28/10/20 |

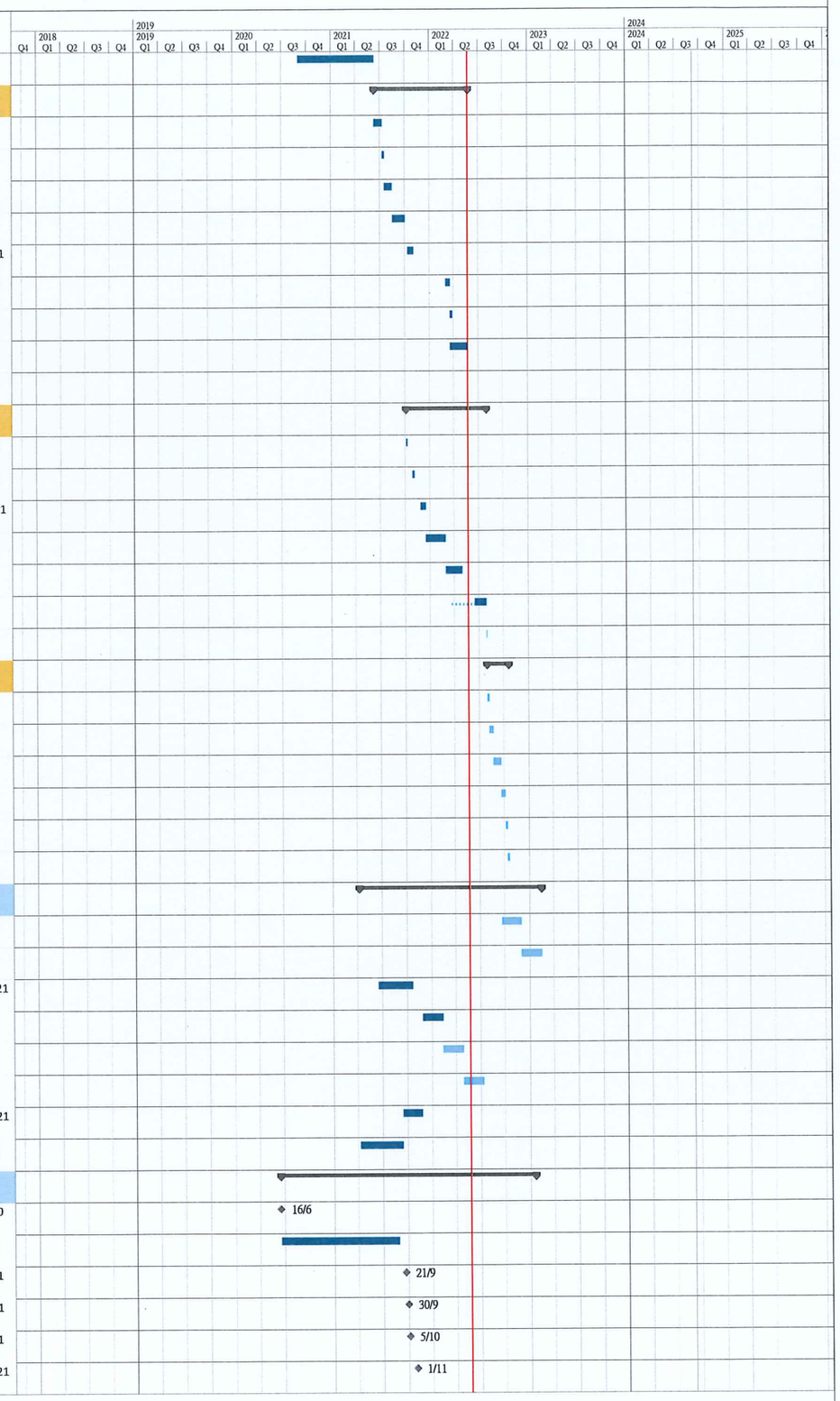



Working Programme No. 15
Data Date : 24 May 2022

Task | Split | Milestone | Summary | Project Summary | Inactive Task | Inactive Milestone | Inactive Summary | Manual Task | Duration-only | Manual Summary Rollup | Manual Summary | Start-only | Finish-only | External Tasks | External Milestone | Deadline | Critical | Critical Split | Progress | Manual Progress

Project: Mainlaying in Tseung Kwan O

| ID | Task Name | Duration | Start | Finish | Task Calendar | Predecessors | Successors | % Complete | Actual Start | Actual Finish |
|---|---|---|---|---|---|---|---|---|---|---|
| 674 | Tree survey, TPRP Submission and Receiving TPRP approval (HyD) | 227 days | Mon 31/8/20 | Tue 8/6/21 | HK Working Day | | 676 | 100% | Mon 31/8/20 | Tue 8/6/21 |
| 675 | **East Portion - Foundation Works (PC-C1, PC-T1 & PC-P1)** | **283 days** | **Wed 9/6/21** | **Tue 24/5/22** | **HK Working Day** | | | **99%** | **Wed 9/6/21** | **NA** |
| 676 | Mobilization and Tree Removal | 24 days | Wed 9/6/21 | Thu 8/7/21 | HK Working Day | 674 | 677 | 100% | Wed 9/6/21 | Thu 8/7/21 |
| 677 | Erect Temporary Timber Platform for Piling Works | 7 days | Fri 9/7/21 | Fri 16/7/21 | HK Working Day | 676 | 678 | 100% | Fri 9/7/21 | Fri 16/7/21 |
| 678 | Pre-drilling works (PD6, PD7 & PD8) & confirmation of rock head and depth of mini-pile | 25 days | Sat 17/7/21 | Sat 14/8/21 | HK Working Day | 677 | 679,686 | 100% | Sat 17/7/21 | Sat 14/8/21 |
| 679 | Mobilization and Driving Dia. 323mm steel Casting (14 nos) | 39 days | Mon 16/8/21 | Thu 30/9/21 | HK Working Day | 678 | 680 | 100% | Mon 16/8/21 | Thu 30/9/21 |
| 680 | Cleaning, Insert T50 reinforcement and Grouting | 18 days | Mon 11/10/21 | Mon 1/11/21 | HK Working Day | 679 | 681,684 | 100% | Mon 11/10/21 | Mon 1/11/21 |
| 681 | Setup and Loading Test of Mini-Pile (T-1) | 15 days | Tue 1/3/22 | Thu 17/3/22 | HK Working Day | 680 | 683,682 | 100% | Tue 1/3/22 | Thu 17/3/22 |
| 682 | Setup and Loading Test of Mini-Pile (C1-2) | 8 days | Fri 18/3/22 | Sat 26/3/22 | HK Working Day | 681 | | 100% | Fri 18/3/22 | Sat 26/3/22 |
| 683 | Construction Pile Caps (P1) with Pier 1 | 50 days | Fri 18/3/22 | Sat 21/5/22 | HK Working Day | 681 | 684 | 100% | Fri 18/3/22 | Sat 21/5/22 |
| 684 | Remove Timber platform for Piling Works | 2 days | Mon 23/5/22 | Tue 24/5/22 | HK Working Day | 683,680 | 694 | 0% | Mon 23/5/22 | NA |
| 685 | **West Portion - Foundation Works (PC-P2, PC-P3 & PC-C2)** | **241 days** | **Tue 5/10/21** | **Fri 29/7/22** | **HK Working Day** | | | **98%** | **Tue 5/10/21** | **NA** |
| 686 | Mobilization and Tree Removal | 3 days | Tue 5/10/21 | Thu 7/10/21 | HK Working Day | 678 | 687 | 100% | Tue 5/10/21 | Thu 7/10/21 |
| 687 | Erect Temporary Timber Platform for Piling Works | 5 days | Thu 28/10/21 | Tue 2/11/21 | HK Working Day | 686 | 688 | 100% | Thu 28/10/21 | Tue 2/11/21 |
| 688 | Pre-drilling works (P WPR, PSKR, PD3, PD4 & PD5) & confirmation of rock head and depth of mini-pile | 16 days | Fri 26/11/21 | Tue 14/12/21 | HK Working Day | 687,703,707 | 689 | 100% | Fri 26/11/21 | Tue 14/12/21 |
| 689 | Driving Dia. 323mm steel Casting (26 nos) | 58 days | Wed 15/12/21 | Sat 26/2/22 | HK Working Day | 688 | 690 | 100% | Wed 15/12/21 | Sat 26/2/22 |
| 690 | Cleaning, Insert T50 reinforcement and Grouting | 50 days | Sat 26/2/22 | Fri 29/4/22 | HK Working Day | 689 | 692,691 | 100% | Sat 26/2/22 | Fri 29/4/22 |
| 691 | Construction Pile Caps with Pier 2 | 36 days | Mon 21/3/22 | Wed 27/7/22 | HK Working Day | 690 | 692 | 95% | Mon 21/3/22 | NA |
| 692 | Remove Timber platform for Piling Works | 2 days | Thu 28/7/22 | Fri 29/7/22 | HK Working Day | 690,691 | 694 | 0% | NA | NA |
| 693 | **Pipelaying on Mini-pile Foundation** | **66 days** | **Sat 30/7/22** | **Tue 18/10/22** | **HK Working Day** | | | **0%** | **NA** | **NA** |
| 694 | Temporary Working Platform for Pipe Installation | 6 days | Sat 30/7/22 | Fri 5/8/22 | HK Working Day | 684,692 | 695 | 0% | NA | NA |
| 695 | Cut Temporary casting and Bend the T50 to designated position | 12 days | Sat 6/8/22 | Fri 19/8/22 | HK Working Day | 694 | 696 | 0% | NA | NA |
| 696 | Pipe Installation / Welding / Testing / Painting | 24 days | Sat 20/8/22 | Sat 17/9/22 | HK Working Day | 695 | 697,701 | 0% | NA | NA |
| 697 | Concrete Hunching | 12 days | Mon 19/9/22 | Mon 3/10/22 | HK Working Day | 696 | 698 | 0% | NA | NA |
| 698 | Apply top coating of aliphatic polyurethane on site | 6 days | Wed 5/10/22 | Tue 11/10/22 | HK Working Day | 697 | 699 | 0% | NA | NA |
| 699 | Remove Temporary Working Platform | 6 days | Wed 12/10/22 | Tue 18/10/22 | HK Working Day | 698 | 702 | 0% | NA | NA |
| 700 | **Open Trench Pipe Laying at Po Lam Road (East Bound)** | **551 days** | **Thu 8/4/21** | **Tue 14/2/23** | **HK Working Day** | | **768** | **60%** | **Thu 8/4/21** | **NA** |
| 701 | Open Cut, CH.HC0+00 - CH.HC0+08; Connecting to CH.HB | 60 days | Mon 19/9/22 | Tue 29/11/22 | HK Working Day | 696,706 | 702 | 0% | NA | NA |
| 702 | Open Cut, CH.HC0+08 - CH.HC0+12 | 60 days | Wed 30/11/22 | Tue 14/2/23 | HK Working Day | 699,701 | | 0% | NA | NA |
| 703 | Open Cut, CH.HC0+12 - CH.HC0+97 with SACP | 104 days | Wed 16/6/21 | Tue 19/10/21 | HK Working Day | | 704,688 | 100% | Wed 16/6/21 | Tue 19/10/21 |
| 704 | Open Cut, CH.HC0+97 - CH.HC1+56(Portion B4) with SACP | 62 days | Wed 24/11/21 | Thu 10/2/22 | HK Working Day | 703,707 | 705 | 99% | Wed 24/11/21 | NA |
| 705 | Open Cut, CH.HC1+56 - CH.HC2+04 | 60 days | Fri 11/2/22 | Tue 26/4/22 | HK Working Day | 704 | 706 | 0% | NA | NA |
| 706 | Open Cut, CH.HC2+04 - CH.HC2+70 with SACP | 60 days | Wed 27/4/22 | Sat 9/7/22 | HK Working Day | 705 | 701 | 0% | NA | NA |
| 707 | Open Cut, CH.HC2+70 - CH.HC3+22 with SACP | 58 days | Tue 14/9/21 | Tue 23/11/21 | HK Working Day | 708 | 704,688 | 100% | Tue 14/9/21 | Tue 23/11/21 |
| 708 | Open Cut, CH.HC3+22 - CH.HC3+70 /CH.HD0+00 | 131 days | Thu 8/4/21 | Sat 11/9/21 | HK Working Day | | 707 | 100% | Thu 8/4/21 | Sat 11/9/21 |
| 709 | **Water Main Structure and Associated Pipe Support from Po Lam Road to Tsui Lam Road (Location B)(CH.HD0+00 ~ CH.H WPR+01)** | **771 days** | **Tue 16/6/20** | **Thu 19/1/23** | **HK Working Day** | | **768** | **82%** | **Tue 16/6/20** | **NA** |
| 710 | Issue CE No. 62 - Design of Pipe Support in Tsui Lam (Location B) | 0 days | Tue 16/6/20 | Tue 16/6/20 | Calendar Day | | 711 | 100% | Tue 16/6/20 | Tue 16/6/20 |
| 711 | Design Submission (CE No. 62) for Water Main Structure and Associated at Tsui Lam | 356 days | Wed 17/6/20 | Fri 27/8/21 | HK Working Day | 710 | 712 | 100% | Wed 17/6/20 | Fri 27/8/21 |
| 712 | WSD & GEO Approval | 0 days | Tue 21/9/21 | Tue 21/9/21 | Calendar Day | 711 | 716 | 100% | Tue 21/9/21 | Tue 21/9/21 |
| 713 | TTA Drawing approval for Tsui Lam Road | 0 days | Thu 30/9/21 | Thu 30/9/21 | HK Working Day | | 719 | 100% | Thu 30/9/21 | Thu 30/9/21 |
| 714 | LCSD's Consent | 0 days | Tue 5/10/21 | Tue 5/10/21 | HK Working Day | | 715FS+18 days | 100% | Tue 5/10/21 | Tue 5/10/21 |
| 715 | Approval of Excavation Permit for Tsui Lam Road | 0 days | Mon 1/11/21 | Mon 1/11/21 | HK Working Day | 714FS+18 days | | 100% | Mon 1/11/21 | Mon 1/11/21 |

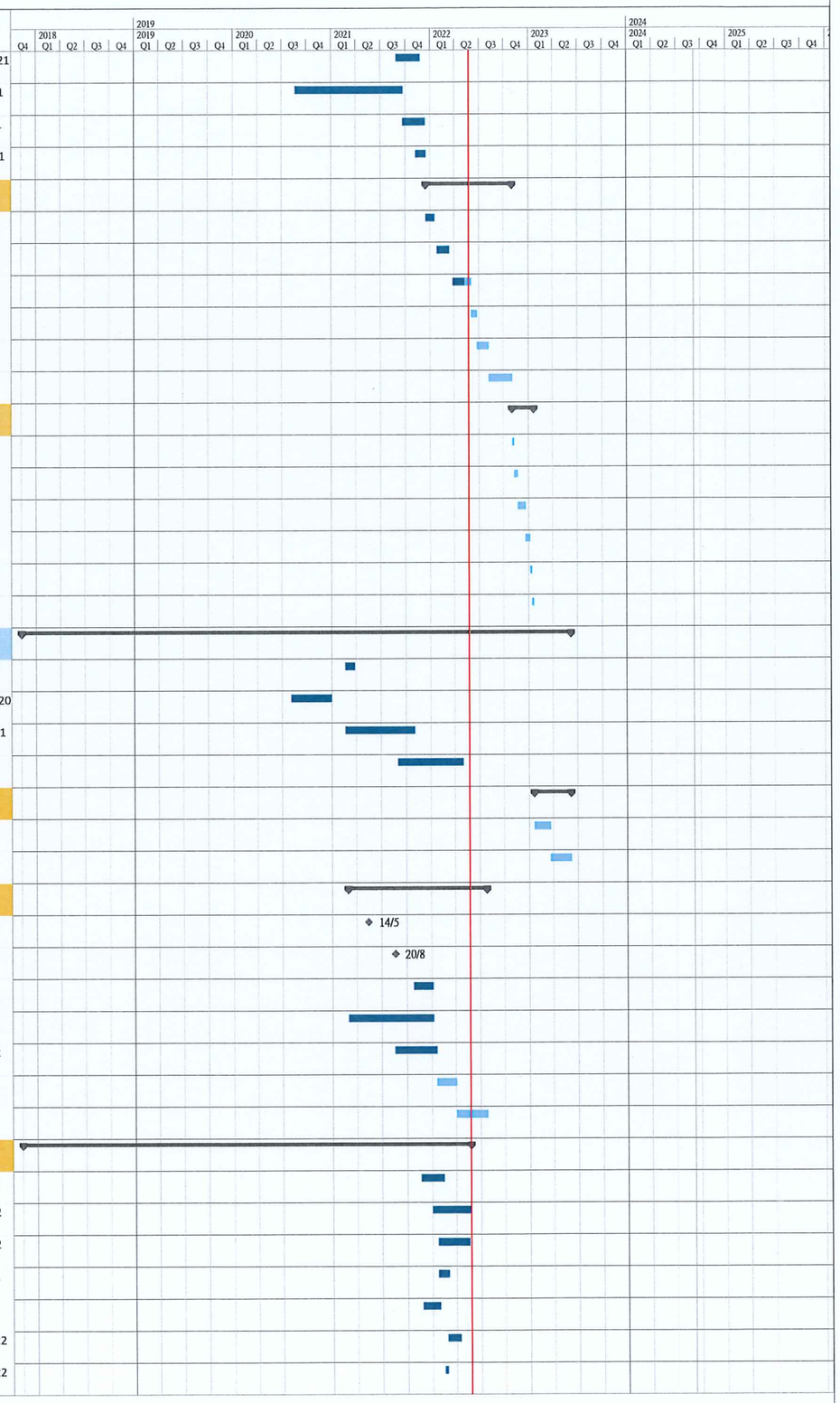



Working Programme No. 15
Data Date : 24 May 2022

Task | Split | Milestone | Summary | Project Summary | Inactive Task | Inactive Milestone | Inactive Summary | Manual Task | Duration-only | Manual Summary Rollup | Manual Summary | Start-only | Finish-only | External Tasks | External Milestone | Deadline | Critical | Critical Split | Progress | Manual Progress

Project: Mainlaying in Tseung Kwan O

| ID | Task Name | Duration | Start | Finish | Task Calendar | Predecessors | Successors | % Complete | Actual Start | Actual Finish |
|---|---|---|---|---|---|---|---|---|---|---|
| 716 | Tender and sublett Mini-pile works at Location B to current Sub-contractor | 73 days | Fri 27/8/21 | Mon 22/11/21 | HK Working Day | 712 | 721 | 100% | Fri 27/8/21 | Mon 22/11/21 |
| 717 | Tree survey, TPRP Submission and Receiving TPRP approval (HyD) | 322 days | Fri 21/8/20 | Mon 20/9/21 | HK Working Day | | 718 | 100% | Fri 21/8/20 | Mon 20/9/21 |
| 718 | Mobilization, Tree Removal Works & Site Clearance | 69 days | Mon 20/9/21 | Sat 11/12/21 | HK Working Day | 717 | 719 | 100% | Mon 20/9/21 | Sat 11/12/21 |
| 719 | Obtain RA for TTA implement | 38 days | Sun 7/11/21 | Tue 14/12/21 | Calendar Day | 713,718 | 721 | 100% | Sun 7/11/21 | Tue 14/12/21 |
| 720 | **Mini-pile Foundation Works** | **258 days** | **Wed 15/12/21** | **Mon 31/10/22** | **HK Working Day** | | | **39%** | **Wed 15/12/21** | **NA** |
| 721 | Erect Temporary Timber Platform for Piling Works | 25 days | Wed 15/12/21 | Sat 15/1/22 | HK Working Day | 719,716 | 722 | 100% | Wed 15/12/21 | Sat 15/1/22 |
| 722 | Pre-drilling works & confirmation of rock head and depth of mini-pile | 36 days | Wed 26/1/22 | Fri 11/3/22 | HK Working Day | 721 | 723 | 100% | Wed 26/1/22 | Fri 11/3/22 |
| 723 | Mobilization and Driving Dia. 273mm steel Casting (18 nos) | 51 days | Sat 26/3/22 | Tue 31/5/22 | HK Working Day | 722 | 724 | 61% | Sat 26/3/22 | NA |
| 724 | Cleaning, Insert T50 reinforcement and Grouting | 18 days | Wed 1/6/22 | Wed 22/6/22 | HK Working Day | 723 | 725 | 0% | NA | NA |
| 725 | Setup and Loading Test of Mini-Pile | 36 days | Thu 23/6/22 | Thu 4/8/22 | HK Working Day | 724 | 726 | 0% | NA | NA |
| 726 | Construction Pile Caps (PC-C, PC-P1, PC-P2, PC-P3 & PC-T) and Piers (P1, P2 & P3) | 72 days | Fri 5/8/22 | Mon 31/10/22 | HK Working Day | 725 | 728 | 0% | NA | NA |
| 727 | **Pipelaying on Mini-pile Foundation** | **66 days** | **Tue 1/11/22** | **Thu 19/1/23** | **HK Working Day** | | | **0%** | **NA** | **NA** |
| 728 | Temporary Working Platform for Pipe Installation | 6 days | Tue 1/11/22 | Mon 7/11/22 | HK Working Day | 726 | 729 | 0% | NA | NA |
| 729 | Cut Temporary casting and Bend the T50 to designated position | 12 days | Tue 8/11/22 | Mon 21/11/22 | HK Working Day | 728 | 730 | 0% | NA | NA |
| 730 | Pipe Installation / Welding / Testing / Painting (~115m) | 24 days | Tue 22/11/22 | Mon 19/12/22 | HK Working Day | 737,729 | 731 | 0% | NA | NA |
| 731 | Concrete Hunching | 12 days | Tue 20/12/22 | Thu 5/1/23 | HK Working Day | 730 | 732 | 0% | NA | NA |
| 732 | Apply top coating of aliphatic polyurethane on site | 6 days | Fri 6/1/23 | Thu 12/1/23 | HK Working Day | 731 | 733 | 0% | NA | NA |
| 733 | Remove Temporary Working Platform | 6 days | Fri 13/1/23 | Thu 19/1/23 | HK Working Day | 732 | 740 | 0% | NA | NA |
| 734 | **From Tsui Lam Road to TKO Freshwater PSR (CH.HE.0+00 ~ CH.HE2+11) & (CH.HF0+00 CH.HF3+11)** | **1649 days** | **Tue 7/11/17** | **Mon 5/6/23** | **HK Working Day** | | **768** | **81%** | **Tue 7/11/17** | **NA** |
| 735 | Batch No 3 - Temporary Works Design and Preliminary Works | 30 days | Fri 19/2/21 | Thu 25/3/21 | HK Working Day | 589 | | 100% | Fri 19/2/21 | Thu 25/3/21 |
| 736 | TTA preparation, SLG meetings, obtain RA | 150 days | Mon 3/8/20 | Wed 30/12/20 | Calendar Day | 585 | | 100% | Mon 3/8/20 | Wed 30/12/20 |
| 737 | Material procurement (DN800 MS PIPE) (360m) | 255 days | Fri 19/2/21 | Sun 31/10/21 | Calendar Day | 589 | 730,751,755,753 | 100% | Fri 19/2/21 | Sun 31/10/21 |
| 738 | Material procurement (Butterfly Valves) | 244 days | Mon 30/8/21 | Sat 30/4/22 | Calendar Day | | | 100% | Mon 30/8/21 | Sat 30/4/22 |
| 739 | **Water Mains CH.HE0+00 - CH.HE0+27)** | **108 days** | **Fri 20/1/23** | **Mon 5/6/23** | **HK Working Day** | | | **0%** | **NA** | **NA** |
| 740 | Open Cut across Tsui Lam Road (CH.HE0+00 to 0+06) | 48 days | Fri 20/1/23 | Mon 20/3/23 | HK Working Day | 733 | 741 | 0% | NA | NA |
| 741 | Open Cut across Tsui Lam Road (CH.HE0+06 to 0+20) | 60 days | Tue 21/3/23 | Mon 5/6/23 | HK Working Day | 740 | | 0% | NA | NA |
| 742 | **Water Mains CH.HE0+27 - CH.HE2+11** | **414 days** | **Mon 1/3/21** | **Mon 25/7/22** | **HK Working Day** | | **769** | **75%** | **Mon 1/3/21** | **NA** |
| 743 | Issue CE No. 114 - Non-explosive agent near TKO Freshwater Preliminary Service Reservoir | 0 days | Fri 14/5/21 | Fri 14/5/21 | HK Working Day | | | 100% | Fri 14/5/21 | Fri 14/5/21 |
| 744 | Receiving of Drawing No. SK40134/525 for Proposed Alternative Alignment at TKOFWSR | 0 days | Fri 20/8/21 | Fri 20/8/21 | HK Working Day | | | 100% | Fri 20/8/21 | Fri 20/8/21 |
| 745 | Open Cut, CH.HE0+20 -CH.HE0+27 (Excavation in Rock) | 59 days | Mon 25/10/21 | Tue 4/1/22 | HK Working Day | | | 100% | Mon 25/10/21 | Tue 4/1/22 |
| 746 | Open Cut, CH.HE0+27 -CH.HE1+98(Excavation in Rock) | 254 days | Mon 1/3/21 | Thu 6/1/22 | HK Working Day | | | 100% | Mon 1/3/21 | Thu 6/1/22 |
| 747 | Construction of Combined EMF and MBV Chamber at CH.HE1+90 | 128 days | Mon 16/8/21 | Tue 18/1/22 | HK Working Day | | 748 | 100% | Mon 16/8/21 | Tue 18/1/22 |
| 748 | Open Cut CH.1+98 & connecting to the existing DN800 F.W. Main at CH.HE2+11 | 60 days | Wed 19/1/22 | Fri 1/4/22 | HK Working Day | 747 | 749 | 0% | NA | NA |
| 749 | Construction of flowmeter kiosks and GI cable ducts for Combined EMF and MBV Chamber at CH.HE1+90 | 90 days | Sat 2/4/22 | Mon 25/7/22 | HK Working Day | 748 | | 0% | NA | NA |
| 750 | **Water Mains CH.HF0+00 - CH.HF3+10 (Inlet A)** | **1343 days** | **Tue 7/11/17** | **Tue 24/5/22** | **HK Working Day** | | **770** | **82%** | **Tue 7/11/17** | **NA** |
| 751 | Open Cut CH.HF0+00 - CH.HF0+19 | 67 days | Sat 20/11/21 | Sat 12/2/22 | HK Working Day | 737 | | 100% | Sat 20/11/21 | Sat 12/2/22 |
| 752 | Open Cut CH.HF0+19 - CH.HF1+30 | 114 days | Fri 31/12/21 | Tue 24/5/22 | HK Working Day | | | 100% | Fri 31/12/21 | Tue 24/5/22 |
| 753 | Construction of Combined EMF and MBV Chamber at CH.HF1+30 | 90 days | Sat 22/1/22 | Tue 17/5/22 | HK Working Day | 737 | | 100% | Sat 22/1/22 | Tue 17/5/22 |
| 754 | Open Cut CH.HF1+30 - CH.HF1+36 | 31 days | Sat 22/1/22 | Wed 2/3/22 | HK Working Day | | | 100% | Sat 22/1/22 | Wed 2/3/22 |
| 755 | Exposed Pipe CH.HF1+36 - CH.HF2+85 | 53 days | Thu 25/11/21 | Fri 28/1/22 | HK Working Day | 737 | 757 | 100% | Thu 25/11/21 | Fri 28/1/22 |
| 756 | Exposed Pipe to the side wall of TKOFWSR | 41 days | Thu 24/2/22 | Wed 13/4/22 | HK Working Day | 757 | | 100% | Thu 24/2/22 | Wed 13/4/22 |
| 757 | Form Opening and Cast-in short pipe at TKOFWSR | 9 days | Mon 14/2/22 | Wed 23/2/22 | HK Working Day | 755 | 756 | 100% | Mon 14/2/22 | Wed 23/2/22 |

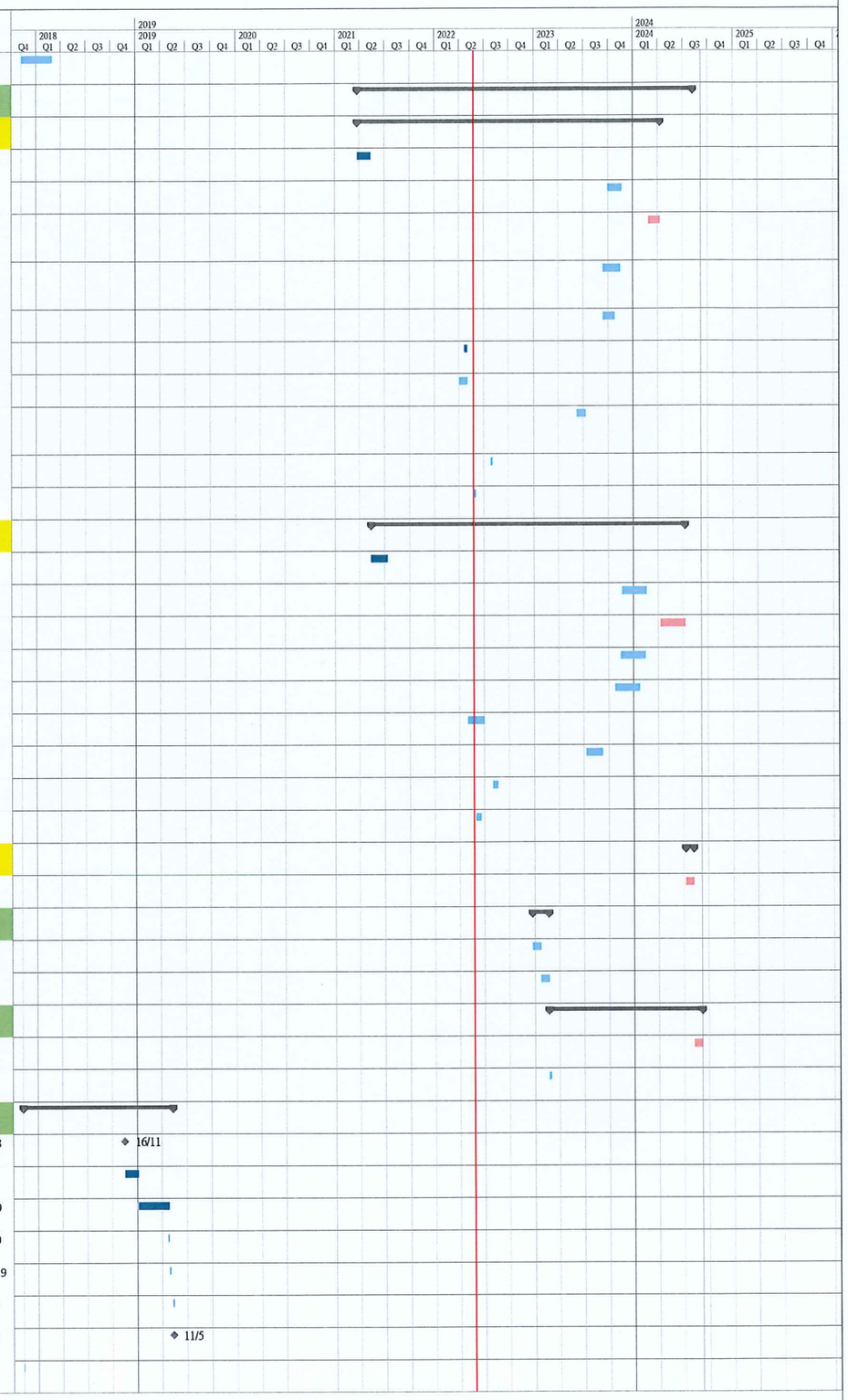



Working Programme No. 15
Data Date : 24 May 2022

Task | Split | Milestone | Summary | Project Summary | Inactive Task | Inactive Milestone | Inactive Summary | Manual Task | Duration-only | Manual Summary Rollup | Manual Summary | Start-only | Finish-only | External Tasks | External Milestone | Deadline | Critical | Critical Split | Progress | Manual Progress

Project: Mainlaying in Tseung Kwan O

| ID | Task Name | Duration | Start | Finish | Task Calendar | Predecessors | Successors | % Complete | Actual Start | Actual Finish |
|---|---|---|---|---|---|---|---|---|---|---|
| 758 | Construction of flowmeter kiosks and GI cable ducts for Combined EMF and MBV Chamber at CH.HF1+30 | 90 days | Tue 7/11/17 | Mon 26/2/18 | HK Working Day | | | 0% | NA | NA |
| 759 | DN800 - CH.ADN1200 MS Pipe Static Pressure Test, Pipeline Cleaning, CCTV Inspection, Sterilization and Water Sampling | 1232 days | Wed 24/3/21 | Tue 6/8/24 | Calendar Day | | | 13% | Wed 24/3/21 | NA |
| 760 | Static Pressure Test | 1112 days | Wed 24/3/21 | Mon 8/4/24 | Calendar Day | | | 18% | Wed 24/3/21 | NA |
| 761 | DN1200 MS Pipe - Static Pressure Test From DN900 Valve Chamber at CH.CA4+24 to CH.CT.2+65 (Approx. 0.7km) | 49 days | Wed 24/3/21 | Tue 11/5/21 | Calendar Day | 105 | 772 | 100% | Wed 24/3/21 | Tue 11/5/21 |
| 762 | DN1200 MS Pipe - Static Pressure Test From DN900 Valve Chamber at CH.CA4+24 to DN900 Valve Chamber at Wan Po Road (CH.A12+50) (Approx. 1.7km) | 51 days | Fri 29/9/23 | Sat 18/11/23 | Calendar Day | 121,167,184,213,224 | 773 | 0% | NA | NA |
| 763 | DN1200 MS Pipe - Static Pressure Test From DN900 Valve Chamber at Wan Po Road (CH.A12+50) to DN900 Valve Chamber at TKO Landfill Stage I Area A (CH.FB1+66) (Approx. 1.4km) | 42 days | Tue 27/2/24 | Mon 8/4/24 | Calendar Day | 224,251,306 | 774 | 0% | NA | NA |
| 764 | DN1200 MS Pipe - Static Pressure Test From DN900 Valve Chamber at TKO Landfill Stage I Area A (CH.FB1+66) to DN900 Valve Chamber at CH.FD3+43 (approx. 2.1km) | 63 days | Tue 12/9/23 | Mon 13/11/23 | Calendar Day | 372,434 | 775 | 0% | NA | NA |
| 765 | DN1200 MS Pipe - Static Pressure Test From DN900 Valve Chamber at CH.FD 3+43 to DN900 Valve Chamber at Mau Wu Tsai (CH.HA0+44) (approx. 1.4km) | 42 days | Tue 12/9/23 | Mon 23/10/23 | Calendar Day | 436,479,517,594,434 | 776 | 0% | NA | NA |
| 766 | DN1200 MS Pipe - Static Pressure Test From Pit Y (CH>GSKR.20 to CH.HA3+70) | 11 days | Tue 19/4/22 | Fri 29/4/22 | Calendar Day | | | 100% | Tue 19/4/22 | Fri 29/4/22 |
| 767 | DN1200 MS Pipe - Static Pressure Test From DN900 Valve Chamber at Mau Wu Tsai (CH.HA0+44) to DN900 Valve at Mau Wu Tsai (CH.HA6+45) (approx. 0.7km) | 30 days | Fri 1/4/22 | Sat 30/4/22 | Calendar Day | 628,623,658 | 777 | 0% | NA | NA |
| 768 | DN1200 MS Pipe - Static Pressure Test From DN900 Valve at Mau Wu Tsai (CH.HA6+45) to DN800 EMF & BV Chamber at TKO F.W.S.R.(CH.HE1+90) & (CH.HF1+30) (Approx. 1.1km) | 33 days | Tue 6/6/23 | Sat 8/7/23 | Calendar Day | 658,667,700,709,734 | 778 | 0% | NA | NA |
| 769 | DN800 MS Pipe - Static Pressure Test From DN800 EMF & BV Chamber at TKO F.W.S.R.(CH.HE1+90) to CH.HE2+11 (approx. 20m) | 6 days | Tue 26/7/22 | Sun 31/7/22 | Calendar Day | 742 | 779 | 0% | NA | NA |
| 770 | DN800 MS Pipe - Static Pressure Test From DN800 EMF & BV Chamber at TKO F.W.S.R.(CH.HF1+30) to CH.HF3+10 (Approc. 80m) | 6 days | Wed 25/5/22 | Mon 30/5/22 | Calendar Day | 750 | 780 | 0% | NA | NA |
| 771 | Pipeline Cleaning and CCTV Inspection | 1153 days | Wed 12/5/21 | Sun 7/7/24 | Calendar Day | | | 10% | Wed 12/5/21 | NA |
| 772 | DN1200 MS Pipe - Pipeline Cleaning and CCTV Inspection From DN900 Valve Chamber at CH.CA4+24 to CH.CT.2+65 | 60 days | Wed 12/5/21 | Sat 10/7/21 | Calendar Day | 761 | 782 | 100% | Wed 12/5/21 | Sat 10/7/21 |
| 773 | DN1200 MS Pipe - Pipeline Cleaning and CCTV Inspection From DN900 Valve Chamber at CH.CA4+24 to DN900 Valve Chamber at Wan Po Road (CH.A12+50) | 90 days | Sun 19/11/23 | Fri 16/2/24 | Calendar Day | 762 | 782 | 0% | NA | NA |
| 774 | DN1200 MS Pipe - Pipeline Cleaning and CCTV Inspection From DN900 Valve Chamber at Wan Po Road (CH.A12+50) to DN900 Valve Chamber at TKO Landfill Stage I Area A | 90 days | Tue 9/4/24 | Sun 7/7/24 | Calendar Day | 763 | 782 | 0% | NA | NA |
| 775 | DN1200 MS Pipe - Pipeline Cleaning and CCTV Inspection From DN900 Valve Chamber at TKO Landfill Stage I Area A (CH.FB1+66) to DN900 Valve Chamber at CH.FD3+43 | 90 days | Tue 14/11/23 | Sun 11/2/24 | Calendar Day | 764 | 782 | 0% | NA | NA |
| 776 | DN1200 MS Pipe - Pipeline Cleaning and CCTV From DN900 Valve Chamber at CH.FD 3+43 to DN900 Valve Chamber at Mau Wu Tsai (CH.HA0+44) | 90 days | Tue 24/10/23 | Sun 21/1/24 | Calendar Day | 765 | 782 | 0% | NA | NA |
| 777 | DN1200 MS Pipe - Pipeline Cleaning and CCTV Inspection From From DN900 Valve Chamber at Mau Wu Tsai (CH.HA0+44) to DN900 Valve at Mau Wu Tsai (CH.HA6+45) | 60 days | Sun 1/5/22 | Wed 29/6/22 | Calendar Day | 767 | 782 | 0% | NA | NA |
| 778 | DN1200 MS Pipe - Pipeline Cleaning and CCTV Inspection From DN900 Valve at Mau Wu Tsai (CH.HA6+45) to DN800 EMF & BV Chamber at TKO F.W.S.R.(CH.HE1+90) & | 60 days | Sun 9/7/23 | Wed 6/9/23 | Calendar Day | 768 | 782 | 0% | NA | NA |
| 779 | DN800 MS Pipe - Pipeline Cleaning and CCTV Inspection From DN800 EMF & BV Chamber at TKO F.W.S.R.(CH.HE1+90) to CH.HE2+11 | 18 days | Mon 1/8/22 | Thu 18/8/22 | Calendar Day | 769 | 782 | 0% | NA | NA |
| 780 | DN800 MS Pipe - Pipeline Cleaning and CCTV Inspection From DN800 EMF & BV Chamber at TKO F.W.S.R.(CH.HF1+30) to CH.HF3+10 | 18 days | Tue 31/5/22 | Fri 17/6/22 | Calendar Day | 770 | 782 | 0% | NA | NA |
| 781 | Sterilization and Water Sampling | 30 days | Mon 8/7/24 | Tue 6/8/24 | Calendar Day | | | 0% | NA | NA |
| 782 | DN1200 MS Pipe - Portion I & Portion H (Total Water = 9700 cu.m) | 30 days | Mon 8/7/24 | Tue 6/8/24 | Calendar Day | 772,773,774,775,777,778,7 | 787 | 0% | NA | NA |
| 783 | NS250 HDPE Pipe Static Pressure, Pipeline Cleaning, CCTV Inspection, Sterilization and Water Sampling | 60 days | Fri 23/12/22 | Mon 20/2/23 | Calendar Day | | | 0% | NA | NA |
| 784 | NS250 HDPE Pipe - Static Pressure Test - Portion H (Area 137) | 30 days | Fri 23/12/22 | Sat 21/1/23 | Calendar Day | 121 | 785 | 0% | NA | NA |
| 785 | NS250 HDPE Pipe - Pipeline Cleaning and CCTV Inspection, Sterilization and Water Sampling - Portion H (Area 137) | 30 days | Sun 22/1/23 | Mon 20/2/23 | Calendar Day | 784 | 788 | 0% | NA | NA |
| 786 | Handover Portion I and Portion H to WSD Region | 563 days | Tue 21/2/23 | Thu 5/9/24 | Calendar Day | | | 0% | NA | NA |
| 787 | DN1200 MS Pipe - Portion I & Portion H (Area 137) | 30 days | Wed 7/8/24 | Thu 5/9/24 | Calendar Day | 782 | | 0% | NA | NA |
| 788 | NS250 HDPE Pipe - Portion H (Area 137) | 7 days | Tue 21/2/23 | Mon 27/2/23 | Calendar Day | 785 | 164 | 0% | NA | NA |
| 789 | Water Supply to Tseung Kwan O Desalination Plant at Fill Bank of Tseung Kwan O Area 137 (Portion J) | 445 days | Tue 7/11/17 | Sat 11/5/19 | HK Working Day | | | 99% | Tue 7/11/17 | NA |
| 790 | Issue of CE No. 02 | 0 days | Fri 16/11/18 | Fri 16/11/18 | HK Working Day | | 791 | 100% | Fri 16/11/18 | Fri 16/11/18 |
| 791 | Procurement of Major Material | 48 days | Sat 17/11/18 | Thu 3/1/19 | Calendar Day | 790 | 792 | 100% | Sat 17/11/18 | Thu 3/1/19 |
| 792 | Installation of NS250 HDPE Pipe from A to B in accordance with the Drawing No. 13/WSD/16/SK13 to SK15 and W20203/4A | 89 days | Fri 4/1/19 | Thu 25/4/19 | HK Working Day | 791 | 793 | 100% | Fri 4/1/19 | Thu 25/4/19 |
| 793 | Sterilization and Flushing NS250 HDPE Pipe (From T0+00 to T23+64) | 4 days | Wed 24/4/19 | Sun 28/4/19 | HK Working Day | 792 | 794 | 100% | Wed 24/4/19 | Sun 28/4/19 |
| 794 | Take Water Sampling | 1 day | Mon 29/4/19 | Mon 29/4/19 | HK Working Day | 793 | 795 | 100% | Mon 29/4/19 | Mon 29/4/19 |
| 795 | Backfill at T23+64 after completion of Water Sampling Test | 1 day | Sat 11/5/19 | Sat 11/5/19 | HK Working Day | 794 | 796FF | 100% | Sat 11/5/19 | Sat 11/5/19 |
| 796 | Handover Portion J to WSD Region | 0 days | Sat 11/5/19 | Sat 11/5/19 | HK Working Day | 795FF | | 100% | Sat 11/5/19 | Sat 11/5/19 |
| 797 | | 1 day | Tue 7/11/17 | Tue 7/11/17 | None | | | 0% | NA | NA |




Working Programme No. 15
Data Date : 24 May 2022

Task | Split | Milestone | Summary | Project Summary | Inactive Task | Inactive Milestone | Inactive Summary | Manual Task | Duration-only | Manual Summary Rollup | Manual Summary | Start-only | Finish-only | External Tasks | External Milestone | Deadline | Critical | Critical Split | Progress | Manual Progress