

| Activity ID  | Activity Name  | Orig Dur | Early Start | Early Finish | Total Float | June 20  |    |    |    |    | July 21 |    |    |    | August 22 |    |    |    | September 23 |    |    |    | October 24 |    |  |
|--|--|----------|-------------|--------------|-------------|--|----|----|----|----|---------|----|----|----|-----------|----|----|----|--------------|----|----|----|------------|----|--|
|  |  |          |             |              |             | 29   | 05 | 12 | 19 | 26 | 03      | 10 | 17 | 24 | 31        | 07 | 14 | 21 | 28           | 04 | 11 | 18 | 25         | 02 |  |
| <b>YL Effluent Polishing Plant - Main Works Stage 1 - Detailed Works Programme DPv15</b> |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Contract Data Part 1</b>  |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Access Dates</b>  |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| ADWA2  | Work Area WA2 (sd) (new site possession) validity for 12 months and subject to renewal               | 757      | 05-Mar-21 A | 31-Mar-23*   | 0           |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Environmental Constraints</b>   |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| EBS-2155   | Egrets Breeding Season 2022  | 183      | 01-Mar-22 A | 30-Aug-22*   | 0           | Egrets Breeding Season 2022  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Preliminary and Preparation Works</b>   |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Subletting</b>  |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| SUB-270  | Subletting for ELS works for IW, PST, SDB, STB, SD, MBB, TTB, underpass and open cut for admin. bldg | 312      | 12-Oct-21 A | 19-Aug-22    | -108        | Subletting for ELS works for IW, PST, SDB, STB, SD, MBB, TTB, underpass and open cut for admin. bldg |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| SUB-280  | Subletting for RC works for IW, PST, SDB, STB, SD, Biogas holder, underpass and admin. bldg          | 256      | 29-Nov-21 A | 11-Aug-22    | -66         | Subletting for RC works for IW, PST, SDB, STB, SD, Biogas holder, underpass and admin. bldg          |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| SUB-290  | Subletting for ABWF works for IW, PST, SDB, STB, MBR, TTB and admin. bldg                            | 60       | 12-Aug-22   | 10-Oct-22    | 4           | Subletting for ABWF works for IW, PST, SDB, STB, MBR, TTB and admin. bldg                            |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| SUB-310  | Subletting for Utilities Corridor ELS  | 59       | 30-Jun-22   | 27-Aug-22    | 93          | Subletting for Utilities Corridor ELS  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| SUB-350  | Subletting for Waterproofing membrane and protection board   | 299      | 29-Nov-21 A | 23-Sep-22    | 51          | Subletting for Waterproofing membrane and protection board   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| SUB-380  | Subletting for Sheet piling works for remaining areas  | 333      | 12-Oct-21 A | 09-Sep-22    | -31         | Subletting for Sheet piling works for remaining areas  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Design Submission</b>   |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Temporary Works Design</b>  |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Mainstream Bio-Reactor System</b>   |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| TWD-240  | ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)                                 | 14       | 20-Jun-22 A | 13-Jul-22    | -37         | ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)                                 |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| TWD-250  | ELS - Obtain Approval  | 7        | 09-Jul-22   | 15-Jul-22    | -37         | ELS - Obtain Approval  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| TWD-520  | ELS - Submit to GEO (Dewatering Proposal)  | 28       | 14-Jul-22   | 10-Aug-22    | 36          | ELS - Submit to GEO (Dewatering Proposal)  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Sludge Thickening Building</b>  |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| TWD-200  | ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)                                 | 14       | 26-May-22 A | 11-Jul-22    | 22          | ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)                                 |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| TWD-210  | ELS - Obtain Approval  | 7        | 12-Jul-22   | 18-Jul-22    | 22          | ELS - Obtain Approval  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| TWD-540  | ELS - Submit to GEO (Dewatering Proposal)  | 28       | 12-Jul-22   | 08-Aug-22    | 49          | ELS - Submit to GEO (Dewatering Proposal)  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Tertiary Treatment System</b>   |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| TWD-150  | ELS - Review by PM's & ICE review (28 d + 7d)  | 35       | 10-Jun-22 A | 31-Jul-22    | -73         | ELS - Review by PM's & ICE review (28 d + 7d)  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| TWD-160  | ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)                                 | 14       | 01-Aug-22   | 14-Aug-22    | -73         | ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)                                 |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| TWD-170  | ELS - Obtain Approval  | 7        | 15-Aug-22   | 21-Aug-22    | -73         | ELS - Obtain Approval  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| TWD-550  | ELS - Submit to GEO (Dewatering Proposal)  | 28       | 15-Aug-22   | 11-Sep-22    | -60         | ELS - Submit to GEO (Dewatering Proposal)  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Sludge Digester 1-3 &amp; Utilities Corridor</b>                                      |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| TWD-350  | ELS - Review by PM's & ICE review (28 d + 7d)  | 35       | 03-May-22 A | 20-Jun-22 A  |             | ELS - Review by PM's & ICE review (28 d + 7d)  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| TWD-360  | ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)                                 | 14       | 21-Jun-22 A | 13-Jul-22    | -138        | ELS - Resubmission for PM's & ICE review (7d prep & resub. + 7d ICE)                                 |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| TWD-370  | ELS - Obtain Approval  | 7        | 14-Jul-22   | 20-Jul-22    | -134        | ELS - Obtain Approval  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| TWD-560  | ELS - Submit to GEO (Dewatering Proposal)  | 28       | 14-Jul-22   | 10-Aug-22    | -138        | ELS - Submit to GEO (Dewatering Proposal)  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Sludge Digester 4-6</b>   |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| TWD-460  | ELS - Prepare & Submission for PM's review   | 45       | 21-Jul-22   | 03-Sep-22    | 856         | ELS - Prepare & Submission for PM's review   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| TWD-470  | ELS - Review by PM's & ICE review (28 d + 7d)  | 35       | 04-Sep-22   | 08-Oct-22    | 856         | ELS - Review by PM's & ICE review (28 d + 7d)  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Sludge Dewatering and Underpass</b>   |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| TWD-260  | ELS - Prepare & Submission for PM's review   | 45       | 15-Aug-22   | 28-Sep-22    | 557         | ELS - Prepare & Submission for PM's review   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| TWD-270  | ELS - Review by PM's & ICE review (28 d + 7d)  | 35       | 29-Sep-22   | 02-Nov-22    | 557         | ELS - Review by PM's & ICE review (28 d + 7d)  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Contractor's Permanent Works Design (include ATAL)</b>                                |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>AIP</b>   |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Package 2A - Tertiary Treatment System (TTS)</b>                                      |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| AIP-480  | E&M AIP Report for Tertiary Treatment System (TTS) - Resubmission for further review                 | 45       | 10-Mar-22 A | 23-Jul-22    | 163         | E&M AIP Report for Tertiary Treatment System (TTS) - Resubmission for further review                 |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| AIP-490  | E&M AIP Report for Tertiary Treatment System (TTS) - Obtain Approval                                 | 7        | 24-Jul-22   | 30-Jul-22    | 163         | E&M AIP Report for Tertiary Treatment System (TTS) - Obtain Approval                                 |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Package 3A - Plant Service Water</b>  |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| AIP-520  | E&M AIP Report for Plant Service Water - Resubmission for further review                             | 45       | 20-Dec-21 A | 13-Aug-22    | 457         | E&M AIP Report for Plant Service Water - Resubmission for further review                             |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| AIP-530  | E&M AIP Report for Plant Service Water - Obtain Approval   | 7        | 14-Aug-22   | 20-Aug-22    | 457         | E&M AIP Report for Plant Service Water - Obtain Approval   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Package 6A - Control &amp; Monitoring System</b>                                      |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| AIP-200  | Control & Monitoring System - Resubmission for further review  | 14       | 24-Jan-22 A | 13-Jul-22    | 25          | Control & Monitoring System - Resubmission for further review  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| AIP-620  | Control & Monitoring System - Obtain Approval  | 7        | 14-Jul-22   | 20-Jul-22    | 25          | Control & Monitoring System - Obtain Approval  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Package 7A - Building Services System</b>   |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| AIP-240  | BS System - Resubmission for further review  | 14       | 28-Mar-22 A | 13-Jul-22    | 324         | BS System - Resubmission for further review  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| AIP-250  | BS System - Obtain Approval  | 7        | 14-Jul-22   | 20-Jul-22    | 324         | BS System - Obtain Approval  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Package 14A - E&amp;M AIP Report for Deodorization Unit System</b>                    |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| AIP-850  | DEO - Resubmission for further review  | 45       | 25-Nov-21 A | 26-Jul-22    | 371         | DEO - Resubmission for further review  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| AIP-860  | DEO - Obtain Approval  | 7        | 27-Jul-22   | 02-Aug-22    | 371         | DEO - Obtain Approval  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Package 22A - Sampling System of YLEPP</b>  |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| AIP-910  | Sampling System - Prepare & Submission for PM's review   | 45       | 22-Aug-22*  | 05-Oct-22    | 169         | Sampling System - Prepare & Submission for PM's review   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Package 23A - Security, Public Address and Communication System</b>                   |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |



- Remaining Level of Effort
- Actual Work
- Remaining Work
- Critical Remaining Work
- ◆ Milestone

## Contract DC/2019/10 - YLEPP - Main Works for Stage 1

### Monthly Progress Report No. 20 - 3MRP (Jun 2022)

Project ID : DWP.DPr15\_220716-J  
 Layout : DC201910 MPR20-3MRP  
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| Monthly Progress Report No. 20 - 3MRP |          |         |          |
|---------------------------------------|----------|---------|----------|
| Date                                  | Revision | Checked | Approved |
| 30-Jun-22                             | Rev. 0   |         |          |





| Activity ID   | Activity Name  | Orig Dur | Early Start | Early Finish | Total Float | June 20  |    |    |    |    | July 21 |    |    |    | August 22 |    |    |    | September 23 |    |    |    | October 24 |    |  |
|---|--|----------|-------------|--------------|-------------|--|----|----|----|----|---------|----|----|----|-----------|----|----|----|--------------|----|----|----|------------|----|--|
|   |  |          |             |              |             | 29   | 05 | 12 | 19 | 26 | 03      | 10 | 17 | 24 | 31        | 07 | 14 | 21 | 28           | 04 | 11 | 18 | 25         | 02 |  |
|   |  |          |             |              |             | Gantt Chart Area   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| TS-760  | General Arrangement & Civil Req. Drawings for SD - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & App        | 126      | 25-Sep-21 A | 28-Jul-22    | 205         | General Arrangement & Civil Req. Drawings for SD - Prep(60d), Sub.&Review(45d), Co                               |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| TS-770  | Mechanical for Sludge Digesters (SD) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)           | 126      | 24-Jul-22   | 26-Nov-22    | 205         | Mechanical for Sludge Digesters (SD) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)           |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Biogas Holders (BH)</b>  |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| TS-1050   | PID - Sub.&Review(45d), Comment&resub(14d) & Approval (7d)   | 66       | 31-Aug-21 A | 05-Jul-22    | -103        | PID - Sub.&Review(45d), Comment&resub(14d) & Approval (7d)   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| TS-1060   | Equipment Loading Summary - Sub.&Review(45d), Comment&resub(14d) & Approval (7d)                                 | 66       | 31-Aug-21 A | 05-Jul-22    | -103        | Equipment Loading Summary - Sub.&Review(45d), Comment&resub(14d) & Approval (7d)                                 |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| TS-780  | Foundation for Biogas Holders (BH) - Prep(53d), Sub.&Review(45d), Comment&Resub (14d), GEO (28d) & Appro         | 147      | 12-Jun-21 A | 18-Jul-22    | -220        | Foundation for Biogas Holders (BH) - Prep(53d), Sub.&Review(45d), Comment&Resub (14d), GEO                       |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| TS-790  | Civil & Structural for Biogas Holders (BH) - Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)                | 66       | 12-Jun-21 A | 30-Jul-22    | -135        | Civil & Structural for Biogas Holders (BH) - Sub.&Review(45d), Comment&Resub (14d) & Approval(7d)                |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| TS-800  | General Arrangement & Civil Req. Drawings for BH - Prep(127d), Sub.&Review(45d), Comment&Resub (14d) & App       | 193      | 16-Sep-21 A | 09-Nov-22    | -135        | General Arrangement & Civil Req. Drawings for BH - Prep(127d), Sub.&Review(45d), Comment&Resub (14d) & App       |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| TS-810  | Mechanical for Biogas Holders (BH) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)            | 126      | 05-Nov-21 A | 08-Oct-22    | -103        | Mechanical for Biogas Holders (BH) - Prep(60d), Sub.&Review(45d), Comment&Resub (14d) & Approval (7d)            |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>SCADA</b>  |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| TS-1070   | Layout and Wiring Diagram for YLEPP PLC Panel - Prep(144d), Sub.&Review(45d), Comment&Resub (14d)&App            | 210      | 21-Jul-22   | 15-Feb-23    | 25          | Layout and Wiring Diagram for YLEPP PLC Panel - Prep(144d), Sub.&Review(45d), Comment&Resub (14d)&App            |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| TS-1080   | System Architecture for Existing YLSTW Temporary SCADA System - Prep(144d),Sub&Rev(45d),Comments&Resu            | 210      | 21-Jul-22   | 15-Feb-23    | 25          | System Architecture for Existing YLSTW Temporary SCADA System - Prep(144d),Sub&Rev(45d),Comments&Resu            |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| TS-1090   | Layout and Wiring Diagram for Existing YLSTW Temp PLC Panel - Prep(144d),Sub&Rev(45d),Comments&Resub(            | 210      | 21-Jul-22   | 15-Feb-23    | 25          | Layout and Wiring Diagram for Existing YLSTW Temp PLC Panel - Prep(144d),Sub&Rev(45d),Comments&Resub(            |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| TS-1100   | System Architecture for YLEPP SCADA System - Prep(144d), Sub.&Review(45d), Comment&Resub (14d)&Appro             | 210      | 21-Jul-22   | 15-Feb-23    | 25          | System Architecture for YLEPP SCADA System - Prep(144d), Sub.&Review(45d), Comment&Resub (14d)&Appro             |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Utility Corridor and Pipe Portal</b>                             |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| TS-1110   | General Arrangement Drawing - Prep(144d), Sub.&Review(45d), Comment&resub(14d) & Approval (7d)                   | 210      | 21-Jul-22   | 15-Feb-23    | 433         | General Arrangement Drawing - Prep(144d), Sub.&Review(45d), Comment&resub(14d) & Approval (7d)                   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| TS-1120   | General Requirement Drawings (Superstructure) - Prep(144d), Sub.&Review(45d), Comment&resub(14d) & Approval (7d) | 210      | 21-Jul-22   | 15-Feb-23    | 433         | General Requirement Drawings (Superstructure) - Prep(144d), Sub.&Review(45d), Comment&resub(14d) & Approval (7d) |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| TS-1140   | Equipment Loading Summary - Prep(144d), Sub.&Review(45d), Comment&resub(14d) & Approval (7d)                     | 210      | 21-Jul-22   | 15-Feb-23    | 433         | Equipment Loading Summary - Prep(144d), Sub.&Review(45d), Comment&resub(14d) & Approval (7d)                     |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Hazardous Area Classification and Fire Risk Assessment</b>       |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| TS-1800   | Hazardous Area Classification and Fire Risk Assessment Specialist - Submission & Approval                        | 20       | 31-Aug-21 A | 30-Jun-22    | -38         | Hazardous Area Classification and Fire Risk Assessment Specialist - Submission & Approval                        |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| TS-1810   | Hazardous Area Classification Assessment - Prep(60), Sub.&Review(45d), Comment&resub(14d) & Approval (7d)        | 126      | 20-Sep-21 A | 04-Aug-22    | -38         | Hazardous Area Classification Assessment - Prep(60), Sub.&Review(45d), Comment&resub(14d) & Approval (7d)        |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| TS-1820   | Fire Risk Assessment - Prep(60), Sub.&Review(45d), Comment&resub(14d) & Approval (7d)                            | 126      | 20-Sep-21 A | 04-Aug-22    | -38         | Fire Risk Assessment - Prep(60), Sub.&Review(45d), Comment&resub(14d) & Approval (7d)                            |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Material Submission, Procurement, Manufacturing and Delivery</b> |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| PRE-230   | Submit/Procure/Manufacture/Deliver Main Stream Bio-Reactor E&M Equip.  | 270      | 09-Nov-20 A | 13-Mar-23    | 303         | Submit/Procure/Manufacture/Deliver Main Stream Bio-Reactor E&M Equip.  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| PRE-240   | Submit/Procure/Manufacture/Deliver TTS & Auxillary Facility Equip.   | 270      | 09-Nov-20 A | 27-Feb-23    | 296         | Submit/Procure/Manufacture/Deliver TTS & Auxillary Facility Equip.   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| PRE-250   | Submit/Procure/Manufacture/Deliver Thickening System/Digestion/sludge holding Tanks                              | 300      | 09-Nov-20 A | 11-Mar-23    | 600         | Submit/Procure/Manufacture/Deliver Thickening System/Digestion/sludge holding Tanks                              |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Site Establishment Works</b>                                     |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Temporary Transformer 1600A</b>                                  |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| P5-150  | Comepletion of Temp Transformer 1600A  | 0        |             | 15-Jun-22 A  |             | ◆ Comepletion of Temp Transformer 1600A  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>PM and Contractor Accomodation</b>                               |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Project Manager's &amp; Contractor Site Accommodation</b>        |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>MIC Section</b>  |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| PMCA-190  | Installation of Green Roof   | 16       | 09-Nov-21 A | 26-Aug-22    | 1639        | Installation of Green Roof   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Caving System</b>  |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| PMCA-240  | Caving System Construction   | 33       | 03-May-22 A | 23-Jul-22    | -18         | Caving System Construction   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| PMCA-250  | Caving System Installation (Set-Up & T&C)  | 60       | 25-Jul-22   | 05-Oct-22    | -18         | Caving System Installation (Set-Up & T&C)  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>FSI, FSD and OP Requirements</b>                                 |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>FSI Submission &amp; Approval</b>                                |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| FSD-1030  | PM Review  | 31       | 12-Nov-21 A | 19-Aug-22    | -123        | PM Review  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| FSD-1040  | Submission Period for FSD Review (Assumed 12 Months) - Full GBP+GBP for TOP1                                     | 367      | 20-Aug-22   | 21-Aug-23    | -123        | Submission Period for FSD Review (Assumed 12 Months) - Full GBP+GBP for TOP1                                     |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Application Form Schedule EMSD (ATAL)</b>                        |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Phase 1</b>  |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| ATAL-FS-0010  | Form 104 for Biogas Holder Tank 1(Submission and Approval Period)  | 184      | 02-May-22 A | 12-Dec-22    | 1414        | Form 104 for Biogas Holder Tank 1(Submission and Approval Period)  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>HAZOP Study</b>  |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| HAZOP-010   | Engage Independent Consultant  | 20       | 20-Aug-22   | 08-Sep-22    | -123        | Engage Independent Consultant  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Zone 1 (for PST(Stage1), others provide later)</b>               |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| HAZOP-Z1-010  | Review Design / Installation HAZOP for PST (Stage 1) by independent consultant                                   | 30       | 09-Sep-22   | 08-Oct-22    | 48          | Review Design / Installation HAZOP for PST (Stage 1) by independent consultant                                   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Zone 3 (for BH No.1 , others provide later)</b>                  |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| HAZOP-Z3-010  | Review Design / Installation HAZOP for Biogas Holder No. 1 by independent consultant                             | 30       | 09-Sep-22   | 08-Oct-22    | -123        | Review Design / Installation HAZOP for Biogas Holder No. 1 by independent consultant                             |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>General Advance Works</b>  |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>NSWSPS Sensors</b>   |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| ATALGA-1160   | CGS - Method Statement for Installation  | 101      | 03-Aug-21 A | 20-Jul-22    | 161         | CGS - Method Statement for Installation  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| ATALGA-1170   | Procurement & Delivery of Sensor   | 101      | 03-Aug-21 A | 20-Jul-22    | 161         | Procurement & Delivery of Sensor   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| ATALGA-1260   | Installation of pressure sensors at NSWSPS   | 22       | 21-Jul-22   | 15-Aug-22    | 133         | Installation of pressure sensors at NSWSPS   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Air Blower House</b>   |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| ATALGA-1280   | CMS - Air Blower System  | 128      | 16-Aug-22   | 18-Jan-23    | 133         | CMS - Air Blower System  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Disc Filter (DF) Pilot Plant</b>                                 |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| ATALGA-1140   | E&M installation of DF Pilot Plant   | 51       | 10-Feb-22 A | 25-Jul-22    | 457         | E&M installation of DF Pilot Plant   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| ATALGA-1190   | T&C  | 22       | 26-Jul-22   | 19-Aug-22    | 457         | T&C  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Dissolved Air Flotation (DAF) Pilot Plant</b>                    |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |



- Remaining Level of Eff...
- Actual Work
- Remaining Work
- Critical Remaining Work
- ◆ Milestone

## Contract DC/2019/10 - YLEPP - Main Works for Stage 1

### Monthly Progress Report No. 20 - 3MRP (Jun 2022)

Project ID : DWP.DPr15\_220716-J  
 Layout : DC201910 MPR20-3MRP  
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| Monthly Progress Report No. 20 - 3MRP |          |         |          |
|---------------------------------------|----------|---------|----------|
| Date                                  | Revision | Checked | Approved |
| 30-Jun-22                             | Rev. 0   |         |          |

| Activity ID   | Activity Name  | Orig Dur | Early Start | Early Finish | Total Float | June 20  |    |    |    |    | July 21 |    |    |    | August 22 |    |    |    | September 23 |    |    |    | October 24 |    |  |
|---|--|----------|-------------|--------------|-------------|--|----|----|----|----|---------|----|----|----|-----------|----|----|----|--------------|----|----|----|------------|----|--|
|   |  |          |             |              |             | 29   | 05 | 12 | 19 | 26 | 03      | 10 | 17 | 24 | 31        | 07 | 14 | 21 | 28           | 04 | 11 | 18 | 25         | 02 |  |
|   |  |          |             |              |             | Gantt Chart (Color-coded bars representing activity progress and remaining work)                             |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| ATALGA-1150   | E&M installation of DAF Pilot Plant  | 51       | 16-Jun-22 A | 30-Jul-22    | 319         | E&M installation of DAF Pilot Plant  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| ATALGA-1200   | T&C  | 11       | 01-Aug-22   | 12-Aug-22    | 319         | T&C  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| ATALGA-1220   | Post-commissioning   | 144      | 13-Aug-22   | 10-Feb-23    | 319         | Post-commissioning   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Aerobic Granular Sludge (AGS) Pilot Plant</b>                        |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| ATALGA-1210   | Seeding, process start-up and T&C  | 52       | 16-Jun-22 A | 30-Jul-22    | 335         | Seeding, process start-up and T&C  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| ATALGA-1270   | Post-commissioning   | 139      | 01-Aug-22   | 16-Jan-23    | 335         | Post-commissioning   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Zone 1 Construction</b>  |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Inlet Works (IW)</b>   |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>IW Foundation &amp; ELS Works</b>                                    |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>IW Basement</b>  |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| Z1-IW-3950  | Pumping Test & Commissioning Period  | 14       | 30-Jun-22 A | 09-Jul-22    | -59         | Pumping Test & Commissioning Period  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| Z1-IW-4300  | Submit to GEO (28d)  | 28       | 10-May-22 A | 20-Jul-22    | 1671        | Submit to GEO (28d)  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>IW Excavation Works &amp; ELS</b>                                    |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>IW Zone A/D- ELS</b>   |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| Z1-IW-5760  | IW- Excavation: 1st Layer +5.5 ~ +3.5mPD   | 5        | 18-Jul-22   | 22-Jul-22    | -59         | IW- Excavation: 1st Layer +5.5 ~ +3.5mPD   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| Z1-IW-5770  | IW- Strutting: 1st Layer @+4.0mPD  | 10       | 26-Jul-22   | 05-Aug-22    | -61         | IW- Strutting: 1st Layer @+4.0mPD  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| Z1-IW-5780  | IW- Excavation: 2nd Layer +3.5 ~ 1.0mPD  | 5        | 06-Aug-22   | 11-Aug-22    | -61         | IW- Excavation: 2nd Layer +3.5 ~ 1.0mPD  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| Z1-IW-5790  | IW- Strutting: 2nd Layer @+1.5mPD  | 10       | 12-Aug-22   | 23-Aug-22    | -61         | IW- Strutting: 2nd Layer @+1.5mPD  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| Z1-IW-5800  | IW- Excavation: 3rd Layer +1.0 ~ -1.625mPD   | 8        | 24-Aug-22   | 01-Sep-22    | -61         | IW- Excavation: 3rd Layer +1.0 ~ -1.625mPD   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| Z1-IW-5810  | IW- Strutting: 3rd Layer @-1.125mPD  | 10       | 02-Sep-22   | 14-Sep-22    | -61         | IW- Strutting: 3rd Layer @-1.125mPD  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| Z1-IW-5820  | IW- Excavation: 4th Layer -1.625 ~ -3.38mPD  | 7        | 15-Sep-22   | 22-Sep-22    | -61         | IW- Excavation: 4th Layer -1.625 ~ -3.38mPD  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>IW Zone C - ELS</b>  |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| Z1-IW-5650  | IW- Excavation: 1st Layer +5.5~+3.5mPD   | 10       | 20-Jun-22 A | 12-Jul-22    | -55         | IW- Excavation: 1st Layer +5.5~+3.5mPD   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| Z1-IW-5660  | IW- Strutting: 1st Layer @+4.35mPD   | 10       | 13-Jul-22   | 23-Jul-22    | -51         | IW- Strutting: 1st Layer @+4.35mPD   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| Z1-IW-5670  | IW- Excavation: 2nd layer +3.5~+1.0mPD   | 9        | 25-Jul-22   | 03-Aug-22    | -51         | IW- Excavation: 2nd layer +3.5~+1.0mPD   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| Z1-IW-5680  | IW- Strutting: 2nd Layer @+2.50mPD   | 10       | 04-Aug-22   | 15-Aug-22    | -51         | IW- Strutting: 2nd Layer @+2.50mPD   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| Z1-IW-5690  | IW- Excavation: 3rd Layer +1.0~-1.625mPD   | 10       | 16-Aug-22   | 26-Aug-22    | -51         | IW- Excavation: 3rd Layer +1.0~-1.625mPD   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| Z1-IW-5700  | IW- Backprop installation  | 7        | 21-Sep-22   | 28-Sep-22    | -51         | IW- Backprop installation  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| Z1-IW-5710  | IW- Excavation to Formation -1.625~-3.125mPD   | 5        | 29-Sep-22   | 06-Oct-22    | -51         | IW- Excavation to Formation -1.625~-3.125mPD   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>IW Base Slab</b>   |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| Z1-IW-6060  | IW- Zone D - Pile Cap @-3.225mPD   | 27       | 23-Sep-22   | 26-Oct-22    | -61         | IW- Zone D - Pile Cap @-3.225mPD   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| Z1-IW-6070  | IW- Zone C - Pile Cap @-1.625mPD   | 20       | 27-Aug-22   | 20-Sep-22    | -51         | IW- Zone C - Pile Cap @-1.625mPD   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>IW Transformer House No. 1</b>                                       |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| IW-2785   | TX House No. 1 - Piling Works (8 nos.)   | 10       | 17-May-22 A | 13-Jun-22 A  |             | TX House No. 1 - Piling Works (8 nos.)   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Primary Sedimentation Tank (PST)</b>                                 |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>PST Stage 1 of Works</b>   |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>PST Stage 1 - Foundation (At First 3 Tanks, PST 7-8 Footprint)</b>   |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| PST-1220  | PST Stage 1 - Driven H-Pile (21nos.+Additional Pile (10 nos.) @ ave. 1.5no/d/rig, 1 rig)                     | 14       | 03-May-22 A | 11-Jul-22    | -10         | PST Stage 1 - Driven H-Pile (21nos.+Additional Pile (10 nos.) @ ave. 1.5no/d/rig, 1 rig)                     |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| PST-1230  | PST Stage 1 - Time Risk Allowance for Driven H-Pile  | 2        | 12-Jul-22   | 13-Jul-22    | -10         | PST Stage 1 - Time Risk Allowance for Driven H-Pile  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| PST-3020  | PST Stage 1 - Submit to GEO (28d)  | 28       | 31-Mar-22 A | 06-Jul-22    | -59         | PST Stage 1 - Submit to GEO (28d)  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>PST Stage 1</b>  |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Excavation Works (Southern Trench), (Excavation Volume: 5,795m3)</b> |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| Z1-PST-3600   | PST(S1) - Excavation FEL Level (-1.6-3.225mPD), (853m3, 300-400m3/day, 1excavator 8m3/truck, 5 trucks/hr, 1r | 5        | 21-Jun-22 A | 06-Jul-22    | -61         | PST(S1) - Excavation FEL Level (-1.6-3.225mPD), (853m3, 300-400m3/day, 1excavator 8m3/truck, 5 trucks/hr, 1r |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| Z1-PST-3810   | PST (S1) - Time Risk Allowance for Excavation and ELS Installation   | 2        | 07-Jul-22   | 08-Jul-22    | -61         | PST (S1) - Time Risk Allowance for Excavation and ELS Installation   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>ELS Erection Works</b>   |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| Z1-PST-3590   | PST(S1) - Erection and Installation of S1 Strut & W1 Waling (+1.375 mPD, 1crane, 4welders, 2work fronts)     | 6        | 21-May-22 A | 20-Jun-22 A  |             | PST(S1) - Erection and Installation of S1 Strut & W1 Waling (+1.375 mPD, 1crane, 4welders, 2work fronts)     |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>ELS for Northern Trench (Zone E1)</b>                                |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| Z1-PST-3591   | Excavation S1 Level (+1.375mPD)  | 15       | 21-May-22 A | 22-Jun-22 A  |             | Excavation S1 Level (+1.375mPD)  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| Z1-PST-3601   | Erection and Installation of S1 Strut & W1 Waling (+1.375 mPD)   | 10       | 23-Jun-22 A | 12-Jul-22    | 7           | Erection and Installation of S1 Strut & W1 Waling (+1.375 mPD)   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| Z1-PST-3611   | Excavation FEL Level (-1.125mPD)   | 10       | 13-Jul-22   | 23-Jul-22    | 7           | Excavation FEL Level (-1.125mPD)   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Basement RC Works (Stage 1 - Southern Portion)</b>                   |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Southern Trench (Lower Portion)</b>                                  |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| Z1-PST-3630   | PST(S1) - Install Reprops R1   | 3        | 03-Aug-22   | 05-Aug-22    | -61         | PST(S1) - Install Reprops R1   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| Z1-PST-3640   | PST(S1) - Wall Erection of Formworks and RC Works (Ground Level)   | 10       | 22-Jul-22   | 02-Aug-22    | -61         | PST(S1) - Wall Erection of Formworks and RC Works (Ground Level)   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| Z1-PST-3800   | PST(S1) - Removal of S1  | 2        | 20-Jul-22   | 21-Jul-22    | -61         | PST(S1) - Removal of S1  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| Z1-PST-3860   | PST(S1) - Base Slab & Wall Erection of Formworks and RC Works (-1.625 to -3.225 mPD)                         | 9        | 09-Jul-22   | 19-Jul-22    | -61         | PST(S1) - Base Slab & Wall Erection of Formworks and RC Works (-1.625 to -3.225 mPD)                         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Northern Trench (Lower Portion)</b>                                  |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| Z1-PST-3620   | PST(S1) - Base Slab & Wall Erection of Formworks and RC Works (-1.125 mPD)                                   | 6        | 03-Aug-22   | 09-Aug-22    | -1          | PST(S1) - Base Slab & Wall Erection of Formworks and RC Works (-1.125 mPD)                                   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| Z1-PST-4240   | PST(S1) - Removal of S1  | 2        | 10-Aug-22   | 11-Aug-22    | -1          | PST(S1) - Removal of S1  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| Z1-PST-4260   | PST(S1) - Wall Erection of Formworks and RC Works (Ground Level)   | 6        | 12-Aug-22   | 18-Aug-22    | -1          | PST(S1) - Wall Erection of Formworks and RC Works (Ground Level)   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Excavation Works (North Portion), (Excavation Volume: 3,840m3)</b>   |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |



- Remaining Level of Effort
- Actual Work
- Remaining Work
- Critical Remaining Work
- ◆ Milestone

## Contract DC/2019/10 - YLEPP - Main Works for Stage 1

### Monthly Progress Report No. 20 - 3MRP (Jun 2022)

Project ID : DWP.DPr15\_220716-J  
 Layout : DC201910 MPR20-3MRP  
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| Monthly Progress Report No. 20 - 3MRP |          |         |          |
|---------------------------------------|----------|---------|----------|
| Date                                  | Revision | Checked | Approved |
| 30-Jun-22                             | Rev. 0   |         |          |

| Activity ID   | Activity Name  | Orig Dur | Early Start | Early Finish | Total Float | June 20  |    |    |    |    | July 21 |    |    |    | August 22 |    |    |    | September 23 |    |    |    | October 24 |    |  |
|---|--|----------|-------------|--------------|-------------|--|----|----|----|----|---------|----|----|----|-----------|----|----|----|--------------|----|----|----|------------|----|--|
|   |  |          |             |              |             | 29   | 05 | 12 | 19 | 26 | 03      | 10 | 17 | 24 | 31        | 07 | 14 | 21 | 28           | 04 | 11 | 18 | 25         | 02 |  |
|   |  |          |             |              |             | Gantt Chart Area   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| Z1-PST-4180   | PST(S1) - Excavation F.E.L. Level (+1.875 mPD) (3,840m3, 1000m3/day) after stage 2 piling          | 4        | 06-Aug-22   | 10-Aug-22    | -10         | PST(S1) - Excavation F.E.L. Level (+1.875 mPD) (3,840m3, 1000m3/day)                               |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Basement RC Works (North Portion)</b>                                  |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| Z1-PST-4190   | PST(S1) - Base Slab & Wall Erection of Formworks and RC Works (+3.00 mPD) after stage 2 piling     | 10       | 11-Aug-22   | 22-Aug-22    | -10         | PST(S1) - Base Slab & Wall Erection of Formworks and RC Works (+3.00 mPD) after stage 2 piling     |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| Z1-PST-4200   | PST(S1) - Wall Erection of Formworks and RC Works (Ground Level) after stage 2 piling              | 6        | 23-Aug-22   | 29-Aug-22    | -10         | PST(S1) - Wall Erection of Formworks and RC Works (Ground Level) after stage 2 piling              |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>PST Stage 2 of Works</b>   |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>PST Foundation - Stage 2 (At Remaining 2 Tanks, PST 5-6 Footprint)</b> |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| Z1-PST-3980   | PST Stage 2 - Pile Loading Test (Batch 2 PST: 75nos.+8 nos. of piles at TX1+Additional Piles)      | 20       | 14-Jul-22   | 05-Aug-22    | -10         | PST Stage 2 - Pile Loading Test (Batch 2 PST: 75nos.+8 nos. of piles at TX1+Additional Piles)      |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| Z1-PST-4230   | PST Stage 2 - Submit to GEO (28d)  | 28       | 29-Jul-22   | 25-Aug-22    | 308         | PST Stage 2 - Submit to GEO (28d)  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>PST Superstructure</b>   |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Stage 1</b>  |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>RC Works</b>   |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| Z1-PST-3650   | PST - Wall Erection of Formworks and RC Works (+5.85mPD)   | 6        | 30-Aug-22   | 05-Sep-22    | -10         | PST - Wall Erection of Formworks and RC Works (+5.85mPD)   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| Z1-PST-3660   | PST - Wall Erection of Formworks and RC Works (+7.5mPD)  | 6        | 06-Sep-22   | 13-Sep-22    | -10         | PST - Wall Erection of Formworks and RC Works (+7.5mPD)  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| Z1-PST-3670   | PST - Intermediate Slab (+7.88mPD) and Wall Erection (+9mPD) of Falseworks, Formworks and RC Works | 10       | 14-Sep-22   | 24-Sep-22    | -10         | PST - Intermediate Slab (+7.88mPD) and Wall Erection (+9mPD) of Falseworks, Formworks and RC Works |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| Z1-PST-3680   | PST - Intermediate Slab of Falseworks, Formworks and RC Works (+9mPD)                              | 13       | 26-Sep-22   | 12-Oct-22    | -10         | PST - Intermediate Slab of Falseworks, Formworks and RC Works (+9mPD)                              |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>CLP Substations No. 1 &amp; 2</b>                                      |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Foundation</b>   |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| CLP-1200  | Raft Foundation  | 24       | 20-May-22 A | 28-Jun-22 A  |             | Raft Foundation  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Civil Provision for CLP (drawpits &amp; ductings)</b>                  |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| CLP-1270  | Ducting and Drawpits construction  | 45       | 27-Aug-22   | 21-Oct-22    | 20          | Ducting and Drawpits construction  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>CLP Substation No. 1</b>   |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| CLP-1010  | CLP Substation No.1 - Structure Level +3.7 to +6mPD (G/F)  | 15       | 12-Jul-22   | 28-Jul-22    | -13         | CLP Substation No.1 - Structure Level +3.7 to +6mPD (G/F)  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| CLP-1040  | CLP Substation No.1 - BS and ABWF Works  | 48       | 25-Aug-22   | 22-Oct-22    | -13         | CLP Substation No.1 - BS and ABWF Works  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| CLP-1280  | CLP Substation No.1 - Structure Level +6 to +11.73mPD (1/F)  | 28       | 29-Jul-22   | 30-Aug-22    | -13         | CLP Substation No.1 - Structure Level +6 to +11.73mPD (1/F)  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| CLP-1290  | CLP Substation No.1 - Structure Level +11.73 to +13.11mPD (R/F)                                    | 19       | 31-Aug-22   | 22-Sep-22    | -13         | CLP Substation No.1 - Structure Level +11.73 to +13.11mPD (R/F)                                    |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>CLP Substation No. 2</b>   |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| CLP-1020  | CLP Substation No.2 - Structure Level +3.7 to +6mPD (G/F)  | 15       | 12-Jul-22   | 28-Jul-22    | -13         | CLP Substation No.2 - Structure Level +3.7 to +6mPD (G/F)  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| CLP-1050  | CLP Substation No.2 - BS and ABWF Works  | 48       | 25-Aug-22   | 22-Oct-22    | -13         | CLP Substation No.2 - BS and ABWF Works  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| CLP-1300  | CLP Substation No.2 - Structure Level +6 to +11.73mPD (1/F)  | 28       | 29-Jul-22   | 30-Aug-22    | -13         | CLP Substation No.2 - Structure Level +6 to +11.73mPD (1/F)  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| CLP-1310  | CLP Substation No.2 - Structure Level +11.73 to +13.11mPD (R/F)                                    | 19       | 31-Aug-22   | 22-Sep-22    | -13         | CLP Substation No.2 - Structure Level +11.73 to +13.11mPD (R/F)                                    |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>DSD 11kV Switchgear</b>  |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| CLP-1030  | DSD11KV Switchgear - Structure Level +3.7 to +6mPD (G/F)   | 15       | 12-Jul-22   | 28-Jul-22    | -13         | DSD11KV Switchgear - Structure Level +3.7 to +6mPD (G/F)   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| CLP-1060  | DSD11KV Switchgear - BS and ABWF Works   | 48       | 25-Aug-22   | 22-Oct-22    | -13         | DSD11KV Switchgear - BS and ABWF Works   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| CLP-1320  | DSD11KV Switchgear - Structure Level +6 to +11.73mPD (1/F)   | 28       | 29-Jul-22   | 30-Aug-22    | -13         | DSD11KV Switchgear - Structure Level +6 to +11.73mPD (1/F)   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| CLP-1330  | DSD11KV Switchgear - Structure Level +11.73 to +13.11mPD (R/F)                                     | 19       | 31-Aug-22   | 22-Sep-22    | -13         | DSD11KV Switchgear - Structure Level +11.73 to +13.11mPD (R/F)                                     |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Sludge Dewatering Building (SDB)</b>                                   |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>SDB Foundation &amp; ELS - Stage 1</b>                                 |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>SDB GI - Pre-drilling Works</b>  |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>SDB At PST 2,4 Footprint</b>   |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| SDB-1350  | PD4 w/ obstruction (PST4)  | 14       | 30-Aug-22   | 15-Sep-22    | 457         | PD4 w/ obstruction (PST4)  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| SDB-1360  | PD5 w/ obstruction (PST4)  | 14       | 30-Aug-22   | 15-Sep-22    | 457         | PD5 w/ obstruction (PST4)  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Administration Building (ADB)</b>                                      |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Temporary Admin Office and Control Room</b>                            |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| ADB-1040  | Handover of Temp. Admin Office and Control Room  | 20       | 07-Sep-22   | 30-Sep-22    | 445         | Handover of Temp. Admin Office and Control Room  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| ADB-1250  | Relocation of Existing SCADA System of Admin Bldg (23) and Document Centre (24)                    | 21       | 07-Sep-22   | 03-Oct-22    | 445         | Relocation of Existing SCADA System of Admin Bldg (23) and Document Centre (24)                    |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Temp Admin Office - MIC Section</b>                                    |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| ADB-1020A100  | Fabrication and Delivery of MiC Unit   | 36       | 20-May-22 A | 18-Jul-22    | 445         | Fabrication and Delivery of MiC Unit   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| ADB-1020A20   | Construction/Installation  | 41       | 21-Jul-22   | 06-Sep-22    | 445         | Construction/Installation  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| ADB-1020A30   | E&M Installation and T&C   | 24       | 10-Aug-22   | 06-Sep-22    | 445         | E&M Installation and T&C   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| ADB-1020A40   | Relocation of Admin Office (MiC)   | 18       | 07-Sep-22   | 28-Sep-22    | 447         | Relocation of Admin Office (MiC)   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| ADB-1020A90   | Completion of Admin Office (MiC)   | 0        |             | 28-Sep-22    | 448         | Completion of Admin Office (MiC)   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Zone 2 Construction</b>  |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Temporary Diversion</b>  |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Zone 2B : FST, Temporary RAS to Aeration Tanks</b>                     |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| <b>Temporary RAS</b>  |  |          |             |              |             |  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| Z2B-1030  | Construction of Temp RAS   | 21       | 17-May-22 A | 13-Jul-22    | -57         | Construction of Temp RAS   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| Z2B-1040  | Temp RAS E&M installation  | 28       | 22-Jul-22   | 23-Aug-22    | -57         | Temp RAS E&M installation  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| Z2B-1180  | Complete Zone 2B Temporary Diversion   | 0        |             | 23-Sep-22    | -57         | Complete Zone 2B Temporary Diversion   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| Z2B-1190  | Break Wall for connection to temporary RAS & Switch over   | 6        | 17-Sep-22   | 23-Sep-22    | -57         | Break Wall for connection to temporary RAS & Switch over   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| Z2B-1200  | Laying of pipes from temp. RAS to Consolidation tanks & Aeration tanks                             | 25       | 30-Jun-22   | 29-Jul-22    | -36         | Laying of pipes from temp. RAS to Consolidation tanks & Aeration tanks                             |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |
| Z2B-1210  | T&C  | 20       | 24-Aug-22   | 16-Sep-22    | -57         | T&C  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |    |            |    |  |



- Remaining Level of Eff...
- Actual Work
- Remaining Work
- Critical Remaining Work
- ◆ Milestone

## Contract DC/2019/10 - YLEPP - Main Works for Stage 1

### Monthly Progress Report No. 20 - 3MRP (Jun 2022)

Project ID : DWP.DPr15\_220716-J  
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| Monthly Progress Report No. 20 - 3MRP |          |         |          |
|---------------------------------------|----------|---------|----------|
| Date                                  | Revision | Checked | Approved |
| 30-Jun-22                             | Rev. 0   |         |          |

| Activity ID   | Activity Name   | Orig Dur | Early Start | Early Finish | Total Float | June 20 |    |    |    |    | July 21 |    |    |    | August 22 |    |    |    | September 23 |    |    | October 24 |    |    |  |
|---|---|----------|-------------|--------------|-------------|---------|----|----|----|----|---------|----|----|----|-----------|----|----|----|--------------|----|----|------------|----|----|--|
|   |   |          |             |              |             | 29      | 05 | 12 | 19 | 26 | 03      | 10 | 17 | 24 | 31        | 07 | 14 | 21 | 28           | 04 | 11 | 18         | 25 | 02 |  |
|   |   |          |             |              |             |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z2B-1220  | Plug-off abandoned pipes  | 2        | 24-Sep-22   | 26-Sep-22    | -29         |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z2B-1230  | Watertightness test to temp. RAS pumping station  | 7        | 14-Jul-22   | 21-Jul-22    | -57         |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| <b>Temporary Sewage Routing</b>                                     |   |          |             |              |             |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z2D-2160  | Complete Demolition of PST4   | 0        |             | 29-Aug-22    | 457         |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| <b>Demolition Works</b>   |   |          |             |              |             |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| <b>Advance Works</b>  |   |          |             |              |             |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| MBR-1480  | MBR - Relocation of Noise barrier/ bird curtain   | 58       | 20-Jun-22 A | 24-Aug-22    | -18         |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| MBR-1540  | MBR- G.I. Works batch 2 (4 nos., 1 trig. nos. of G.I. subject to GEO Further Comment)   | 60       | 04-Jul-22   | 12-Sep-22    | 3           |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z2D-4280  | Submit/Approve Method Statement for Pipe Pile Works                                     | 15       | 11-Sep-21 A | 30-Jun-22    | -12         |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| <b>Other Existing Pumping Stations</b>                              |   |          |             |              |             |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z2T-152   | Demolition of Return Activated Sludge Screw Pumps PS (16) & Chamber (33)                | 48       | 24-Sep-22   | 21-Nov-22    | -57         |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z2T-154   | Demolition of Flow Measurement Chamber (34) & SSD Chamber (32)                          | 48       | 24-Sep-22   | 21-Nov-22    | -57         |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z2T-154B  | Demolition of Settled Sewage Overflow Chamber (31)                                      | 25       | 07-Jul-22   | 04-Aug-22    | 10          |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| <b>Mainstream Bio-Reactor &amp; Auxiliary Facility (MBR and AF)</b> |   |          |             |              |             |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| <b>MBR and AF Structure</b>   |   |          |             |              |             |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| <b>MBR - ELS Excavation &amp; Demolition stage 1</b>                |   |          |             |              |             |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| MBRAF-1010  | MBR - Pipe Pile Install (approx. 391m, 9,390m2 @ 120m2/d) After Advance works (zone 2A) | 58       | 21-Jul-22   | 27-Sep-22    | -35         |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| MBRAF-1460  | MBR - Monitoring Installation   | 18       | 28-Sep-22   | 20-Oct-22    | -28         |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| MBRAF-1500  | MBR - Decommissioning & Demolition of PST 4   | 31       | 25-Jul-22*  | 29-Aug-22    | -11         |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| MBRAF-1540  | MBR - Backfilling, advance coring for king post installation & wells installation       | 25       | 15-Jun-22 A | 23-Jul-22    | -35         |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| MBRAF-1550  | MBR - King post installation at AT footprint  | 30       | 25-Jul-22   | 27-Aug-22    | -35         |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| <b>Tertiary Treatment System (TTS)</b>                              |   |          |             |              |             |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| <b>Foundation and ELS</b>   |   |          |             |              |             |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| EBS-2135  | Egrets Breeding Season 2022   | 184      | 01-Mar-22 A | 01-Sep-22*   | -3          |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| TTS-1000  | TTS - Site Clearance  | 15       | 11-May-22 A | 14-Jul-22    | -37         |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| TTS-1010  | TTS - Sheet Piles Install (4,639m2 @120m2/d)  | 52       | 12-Aug-22   | 14-Oct-22    | -61         |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| TTS-1230  | TTS - Monitoring Installation and Pumping Test  | 21       | 24-Sep-22   | 20-Oct-22    | -61         |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| <b>Zone 3 Construction</b>  |   |          |             |              |             |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| <b>Stage 1</b>  |   |          |             |              |             |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| <b>Stage 1 - Advance Works</b>                                      |   |          |             |              |             |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| <b>Zone 3A (at SHT)</b>   |   |          |             |              |             |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| <b>Relocation of Heater Room (Location C)</b>                       |   |          |             |              |             |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3A-000550  | Relocation and T&C (ATAL)   | 24       | 30-Jun-22 A | 23-Jul-22    | -166        |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| <b>Digested Sludge Pumping Station (Location F)</b>                 |   |          |             |              |             |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3B-330   | T&C Works (ATAL)  | 8        | 30-Jun-22   | 09-Jul-22    | 1663        |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| <b>Pipe Connection</b>  |   |          |             |              |             |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3A-000370  | 240m3 Temp SHT Completion (Location B)  | 0        |             | 20-Jun-22 A  |             |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3A-000390  | Digested Sludge Pumping Station Completion (Location F)                                 | 0        |             | 09-Jul-22    | 1663        |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3A-000400  | Temp. Water Heater House Completion (Location C)  | 0        |             | 23-Jul-22    | -130        |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3A-000410  | Completion of Zone 3A Diversion   | 0        |             | 22-Aug-22    | 1631        |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| <b>Sludge/Supernatant DI Pipe</b>                                   |   |          |             |              |             |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3A-000360  | Connection between SDT and Temp. SHT & SDB  | 5        | 11-Jul-22   | 15-Jul-22    | 1663        |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| <b>Gas Pipe - SS316L</b>  |   |          |             |              |             |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| <b>DN300 from Gas Holders to Compressor House</b>                   |   |          |             |              |             |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3A-000380  | Connection at Gas Holders   | 10       | 31-May-22 A | 17-Jun-22 A  |             |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3A-000420  | Connection at Compressor House  | 5        | 18-Jun-22 A | 24-Jun-22 A  |             |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| <b>DN300 from SDT, Compressor House to Gas Holders</b>              |   |          |             |              |             |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3A-000450  | Connection at Gas Holders   | 10       | 05-May-22 A | 24-Jun-22 A  |             |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3A-000460  | Gas Purging of SDT No.2 (YLEPP)   | 21       | 05-May-22 A | 15-Jun-22 A  |             |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3A-000470  | Connection at SDT No.2,3 & 4  | 1        | 15-Jun-22 A | 18-Jun-22 A  |             |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3A-000480  | Gas Purging of SDT No.1 (YLEPP)   | 21       | 04-Jun-22 A | 29-Jun-22 A  |             |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3A-000490  | Connection at SDT No.1  | 1        | 30-Jun-22 A | 30-Jun-22 A  |             |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| <b>DN200 from Gas Holder to Temp. Water Heater House</b>            |   |          |             |              |             |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3A-000440  | Connection at Gas Holders   | 10       | 25-May-22 A | 24-Jun-22 A  |             |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| <b>Hotwater DI Pipe</b>   |   |          |             |              |             |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3A-000500  | Connection between Compressor House and Temp. Water Heater House                        | 2        | 29-Jun-22 A | 30-Jun-22 A  |             |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| <b>Zone 3B (at STB)</b>   |   |          |             |              |             |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| <b>Gravity Thickening Tank (Location A)</b>                         |   |          |             |              |             |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3B-000110  | T&C Works (North & South Tank) (ATAL)   | 22       | 15-Jun-22 A | 13-Jul-22    | -132        |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3B-000260  | Temp. Gravity Thickening Tank (Location A) Completion                                   | 0        |             | 13-Jul-22    | -132        |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| <b>Temporary Primary Sludge Pumping Station (Location D)</b>        |   |          |             |              |             |         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |



- Remaining Level of Eff.
- Actual Work
- Remaining Work
- Critical Remaining Work
- ◆ Milestone

## Contract DC/2019/10 - YLEPP - Main Works for Stage 1

### Monthly Progress Report No. 20 - 3MRP (Jun 2022)

Project ID : DWP.DPr15\_220716-J  
 Layout : DC201910 MPR20-3MRP  
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| Monthly Progress Report No. 20 - 3MRP |          |         |          |
|---------------------------------------|----------|---------|----------|
| Date                                  | Revision | Checked | Approved |
| 30-Jun-22                             | Rev. 0   |         |          |

| Activity ID   | Activity Name   | Orig Dur | Early Start | Early Finish | Total Float | June 20   |    |    |    |    | July 21 |    |    |    | August 22 |    |    |    | September 23 |    |    | October 24 |    |    |  |
|---|---|----------|-------------|--------------|-------------|---|----|----|----|----|---------|----|----|----|-----------|----|----|----|--------------|----|----|------------|----|----|--|
|   |   |          |             |              |             | 29  | 05 | 12 | 19 | 26 | 03      | 10 | 17 | 24 | 31        | 07 | 14 | 21 | 28           | 04 | 11 | 18         | 25 | 02 |  |
|   |   |          |             |              |             | Gantt Chart Area  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3A-290   | Civil and Structural Works Construction   | 27       | 25-Mar-22 A | 16-Jul-22    | -158        | Civil and Structural Works Construction   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3A-300   | E&M Installation (ATAL)   | 14       | 12-Jul-22   | 27-Jul-22    | -158        | E&M Installation (ATAL)   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3A-310   | T&C Works (ATAL)  | 14       | 28-Jul-22   | 12-Aug-22    | -158        | T&C Works (ATAL)  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3A-430   | Temp. Primary Sludge Pumping Station (Location D) Completion  | 0        |             | 12-Aug-22    | -158        | Temp. Primary Sludge Pumping Station (Location D) Completion  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| <b>Temporary Thickened Sludge / Supernatant Pumping Station (Location E1)</b>                 |   |          |             |              |             |   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3B-000150  | E&M Works (ATAL) & T&C (ATAL)   | 38       | 02-Jul-22   | 15-Aug-22    | -160        | E&M Works (ATAL) & T&C (ATAL)   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3B-000270  | Temp. Thickening Sludge/Supernatant Pumping Station (Location E1) Completion                                    | 0        |             | 15-Aug-22    | -160        | Temp. Thickening Sludge/Supernatant Pumping Station (Location E1) Completion                                    |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3B-000450  | Civil and Structural Works Construction   | 20       | 19-Jun-22 A | 12-Jul-22    | -160        | Civil and Structural Works Construction   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| <b>Relocation of Ferric Chloride (FeCl3) Dosing System &amp; LV Switchboard (Location E2)</b> |   |          |             |              |             |   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3B-000200  | E&M Works (ATAL) & T&C Works (ATAL)   | 40       | 09-Jun-22 A | 06-Aug-22    | -153        | E&M Works (ATAL) & T&C Works (ATAL)   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3B-000280  | FeCl3 Relocation (Location E2) Completion   | 0        |             | 06-Aug-22    | -153        | FeCl3 Relocation (Location E2) Completion   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| <b>Pipe Laying</b>  |   |          |             |              |             |   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3B-000240  | Pipe Installation from CT to MH2 (Batch 1 - DN250 Supernatant)  | 20       | 18-Dec-21 A | 12-Jul-22    | -130        | Pipe Installation from CT to MH2 (Batch 1 - DN250 Supernatant)  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3B-000350  | Pipe Installation from Location A to Location E (Batch 6 - DN250 Supernatant)                                   | 36       | 31-Dec-21 A | 21-Jul-22    | -139        | Pipe Installation from Location A to Location E (Batch 6 - DN250 Supernatant)                                   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3B-000360  | Pipe Installation from Location A to Location E & SDT (Batch 7 - DN200 Sludge)                                  | 36       | 17-Jan-22 A | 21-Jul-22    | -139        | Pipe Installation from Location A to Location E & SDT (Batch 7 - DN200 Sludge)                                  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3B-000370  | Pipe Installation from Temp. Primary Sludge Pumping Station (Location D) to CT (Batch 7 - DN200 Sludge)         | 20       | 17-Jan-22 A | 12-Jul-22    | -131        | Pipe Installation from Temp. Primary Sludge Pumping Station (Location D) to CT (Batch 7 - DN200 Sludge)         |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| <b>Pipe Connection</b>  |   |          |             |              |             |   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3B-000380  | Connection at Temp. Thickened Sludge/ Supernatant Pumping Station (Location E1)                                 | 1        | 16-Aug-22   | 16-Aug-22    | -160        | Connection at Temp. Thickened Sludge/ Supernatant Pumping Station (Location E1)                                 |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3B-000390  | Temp. Gravity Thickening Tank (Location A) Completion   | 0        |             | 13-Jul-22    | -132        | Temp. Gravity Thickening Tank (Location A) Completion   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3B-000400  | Temp. Primary Sludge Pumping Station (Location D) Completion  | 0        |             | 12-Aug-22    | -158        | Temp. Primary Sludge Pumping Station (Location D) Completion  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3B-000410  | Connection at Temp. Primary Sludge Pumping Station (Location D)   | 1        | 13-Aug-22   | 13-Aug-22    | -158        | Connection at Temp. Primary Sludge Pumping Station (Location D)   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3B-000420  | FeCl3 System (Location E) Relocation Completion   | 0        |             | 06-Aug-22    | -153        | FeCl3 System (Location E) Relocation Completion   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3B-000430  | Temp. Thickened Sludge/ Supernatant Pumping Station (Location E1) Completion                                    | 0        |             | 15-Aug-22    | -160        | Temp. Thickened Sludge/ Supernatant Pumping Station (Location E1) Completion                                    |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3B-000435  | Completion of Zone 3B Diversion - time risk allowance   | 9        | 17-Aug-22   | 26-Aug-22    | -160        | Completion of Zone 3B Diversion - time risk allowance   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3B-000440  | Completion of Zone 3B Diversion   | 0        |             | 26-Aug-22    | -160        | Completion of Zone 3B Diversion   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| <b>Advance Works</b>  |   |          |             |              |             |   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3S1A-3010  | Completion of Stage 1 (Construction & E&M for Temporary facilities)   | 0        |             | 23-Jul-22    | -130        | Completion of Stage 1 (Construction & E&M for Temporary facilities)   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| <b>Stage 1 Demolition Works</b>   |   |          |             |              |             |   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| <b>SHT 3&amp;4 Demolition Works below ground</b>  |   |          |             |              |             |   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3A-000030  | Demolition Works for Sludge Holding Tank No. 4 (below ground)   | 25       | 16-Jun-22 A | 12-Jul-22    | -126        | Demolition Works for Sludge Holding Tank No. 4 (below ground)   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3A-000140  | Backfill to Ground Level  | 7        | 07-Jul-22   | 14-Jul-22    | -173        | Backfill to Ground Level  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| <b>UC Decommission Works</b>  |   |          |             |              |             |   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3A-000110  | Decommission Works for Existing Utilities Gallery   | 12       | 23-Aug-22   | 05-Sep-22    | 1631        | Decommission Works for Existing Utilities Gallery   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| <b>Stage 2</b>  |   |          |             |              |             |   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| <b>Stage 2 : New Sludge Thickening Building (STB)</b>   |   |          |             |              |             |   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| <b>Stage 2 - Demolition Works</b>   |   |          |             |              |             |   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| ATALZ3S1-1050   | Switching Duty from SDT No.1 & 2 to SDT No.1 & 3 (9) for STB Demolition and Utility Corridor Construction       | 23       | 30-Jun-22   | 27-Jul-22    | -56         | Switching Duty from SDT No.1 & 2 to SDT No.1 & 3 (9) for STB Demolition and Utility Corridor Construction       |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| ATALZ3S1-2210   | Switching Duty from SDT No.1 & 3 to SDT No. 3 & 4 (9) for STB Construction                                      | 15       | 25-Jul-22   | 10-Aug-22    | -68         | Switching Duty from SDT No.1 & 3 to SDT No. 3 & 4 (9) for STB Construction                                      |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3S2-2030   | Demolition of Existing Sludge Thickening House (8, Air Floatation Thickener)                                    | 35       | 26-Aug-22   | 08-Oct-22    | -68         | Demolition of Existing Sludge Thickening House (8, Air Floatation Thickener)                                    |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3S2-2040   | Demolition of Consolidation Tank (7) C1 & C2  | 24       | 27-Aug-22   | 24-Sep-22    | -53         | Demolition of Consolidation Tank (7) C1 & C2  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3S2-2050   | Submission of Demolition Plan for STB, Review by PM(28d), Resubmission(14d), Obtain Approval(7d)                | 49       | 15-Mar-22 A | 30-Jul-22    | -46         | Submission of Demolition Plan for STB, Review by PM(28d), Resubmission(14d), Obtain Approval(7d)                |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3S2-2310   | Submission of Method Statement for demolition of STB, Review by PM(28d), Resubmission(14d), Obtain Approval(7d) | 26       | 30-Jun-22   | 30-Jul-22    | -46         | Submission of Method Statement for demolition of STB, Review by PM(28d), Resubmission(14d), Obtain Approval(7d) |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| <b>Stage 2 : STB Pre-drilling Works</b>   |   |          |             |              |             |   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3S1a.7-70  | Complete Predrilling Works for STB  | 0        |             | 19-Sep-22    | 26          | Complete Predrilling Works for STB  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3S3-3480   | Predrilling Works (2 nos. STB-PD7,9)  | 10       | 07-Sep-22   | 19-Sep-22    | -34         | Predrilling Works (2 nos. STB-PD7,9)  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3S3-3490   | Environment GI (4 nos., 7d/no., 2 rigs) & Submit RAP Report to EPD (30 days)                                    | 14       | 26-Sep-22   | 13-Oct-22    | -60         | Environment GI (4 nos., 7d/no., 2 rigs) & Submit RAP Report to EPD (30 days)                                    |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| <b>Stage 2 : Existing Sludge Holding Tanks</b>  |   |          |             |              |             |   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3S1a.7-60  | Completion Connection to Temporary SHT & Dewatering House   | 0        |             | 23-Jul-22    | -130        | Completion Connection to Temporary SHT & Dewatering House   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3S2-2010   | Demolition of SHT 2 (10) superstructure   | 20       | 29-Aug-22   | 21-Sep-22    | -160        | Demolition of SHT 2 (10) superstructure   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3S2-2015   | Demolition of SHT 1 (10)  | 26       | 23-Jun-22 A | 19-Jul-22    | -172        | Demolition of SHT 1 (10)  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3S2.5-10   | Demolition of Existing Water Heater House   | 25       | 25-Jul-22   | 22-Aug-22    | -166        | Demolition of Existing Water Heater House   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| <b>Stage 2 : Biogas Holder No. 1</b>  |   |          |             |              |             |   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3BH-0995   | Biogas Holder No. 1 - GI Works  | 21       | 16-May-22 A | 13-Jul-22    | -172        | Biogas Holder No. 1 - GI Works  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3BH-1000   | Biogas Holder No. 1 - Band drain Installation for Ground Improvement  | 25       | 15-Jul-22   | 12-Aug-22    | -173        | Biogas Holder No. 1 - Band drain Installation for Ground Improvement  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3BH-1040   | Biogas Holder No. 1 - Surge   | 18       | 25-Aug-22   | 15-Sep-22    | -173        | Biogas Holder No. 1 - Surge   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3BH-1050   | Biogas Holder No. 1 - Consolidation test  | 70       | 16-Sep-22   | 08-Dec-22    | -173        | Biogas Holder No. 1 - Consolidation test  |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| Z3BH-1060   | Biogas Holder No. 1 - Band drain Installation for Ground Improvement @ SHT 1 and existing water heater house    | 10       | 13-Aug-22   | 24-Aug-22    | -173        | Biogas Holder No. 1 - Band drain Installation for Ground Improvement @ SHT 1 and existing water heater house    |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| <b>Stage 2 : Utility Corridor Construction</b>  |   |          |             |              |             |   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| ATALZ3S1-2230   | Switching Duty from SDT No.4 to No. 1 (9)   | 23       | 14-Sep-22   | 12-Oct-22    | 30          | Switching Duty from SDT No.4 to No. 1 (9)   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| <b>Stage 3</b>  |   |          |             |              |             |   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| <b>Stage 3 : New Sludge Thickening Building (STB) (Continued)</b>                             |   |          |             |              |             |   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |
| <b>Stage 3 : STB - Driven H-pile</b>  |   |          |             |              |             |   |    |    |    |    |         |    |    |    |           |    |    |    |              |    |    |            |    |    |  |



- Remaining Level of Effort
- Actual Work
- Remaining Work
- Critical Remaining Work
- ◆ Milestone

## Contract DC/2019/10 - YLEPP - Main Works for Stage 1

### Monthly Progress Report No. 20 - 3MRP (Jun 2022)

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|---------------------------------------|----------|---------|----------|
| Date                                  | Revision | Checked | Approved |
| 30-Jun-22                             | Rev. 0   |         |          |



| Activity ID  | Activity Name   | Orig Dur | Early Start | Early Finish | Total Float | June 20 |    |    |    |    | July 21  |    |    |    | August 22 |    |    |    | September 23 |    |    |    | October 24 |
|--|---|----------|-------------|--------------|-------------|---------|----|----|----|----|--|----|----|----|-----------|----|----|----|--------------|----|----|----|------------|
|  |   |          |             |              |             | 29      | 05 | 12 | 19 | 26 | 03   | 10 | 17 | 24 | 31        | 07 | 14 | 21 | 28           | 04 | 11 | 18 | 25         |
| Z3S3-3500  | STB - Driven H-pile Start   | 0        | 06-Jul-22   |              | -68         |         |    |    |    |    | ◆ STB - Driven H-pile Start  |    |    |    |           |    |    |    |              |    |    |    |            |
| Z3S3-3510  | STB - Driven H-pile Zone P1 (23 nos., 1219m) @40m/day                     | 31       | 06-Jul-22   | 10-Aug-22    | -68         |         |    |    |    |    | STB - Driven H-pile Zone P1 (23 nos., 1219m) @40m/day                |    |    |    |           |    |    |    |              |    |    |    |            |
| Z3S3-3520  | STB - Driven H-pile Zone P2 (37 nos., 1961m) @60m/day                     | 33       | 14-Sep-22   | 24-Oct-22    | -68         |         |    |    |    |    |  |    |    |    |           |    |    |    |              |    |    |    |            |
| Z3S3-3540  | STB - Driven H-pile Zone P3 (12 nos., 636m) @20m/day                      | 32       | 27-Aug-22   | 06-Oct-22    | -61         |         |    |    |    |    |  |    |    |    |           |    |    |    |              |    |    |    |            |
| Z3S3-3550  | STB - Driven H-pile Zone P4A&B (21 nos., 1113m) @40m/day                  | 28       | 11-Aug-22   | 13-Sep-22    | -68         |         |    |    |    |    | STB - Driven H-pile Zone P4A   |    |    |    |           |    |    |    |              |    |    |    |            |
| <b>Stage 3 : STB Foundation and ELS</b>                  |   |          |             |              |             |         |    |    |    |    |  |    |    |    |           |    |    |    |              |    |    |    |            |
| Z3S3-3010  | STB - Site Setup & Mobilization   | 9        | 15-Jun-22 A | 05-Jul-22    | -68         |         |    |    |    |    | STB - Site Setup & Mobilization                                      |    |    |    |           |    |    |    |              |    |    |    |            |
| <b>Stage 4</b>   |   |          |             |              |             |         |    |    |    |    |  |    |    |    |           |    |    |    |              |    |    |    |            |
| <b>Stage 4 : New Sludge Digester No. 1-3 (Continued)</b> |   |          |             |              |             |         |    |    |    |    |  |    |    |    |           |    |    |    |              |    |    |    |            |
| <b>Stage 4 : SD 1-3 Foundation and ELS</b>               |   |          |             |              |             |         |    |    |    |    |  |    |    |    |           |    |    |    |              |    |    |    |            |
| Z3S3-2045  | Backfilling after SHT 4 demolition  | 10       | 13-Jul-22   | 23-Jul-22    | -126        |         |    |    |    |    | Backfilling after SHT 4 demolition                                   |    |    |    |           |    |    |    |              |    |    |    |            |
| Z3S3-2050  | Sludge Digester No. 1-3 - Sheet Piles Install Portion 1 (SHT 4 area)      | 16       | 25-Jul-22   | 11-Aug-22    | -126        |         |    |    |    |    | Sludge Digester No. 1-3 - Sheet Piles Install Portion 1 (SHT 4 area) |    |    |    |           |    |    |    |              |    |    |    |            |
| Z3S3-2060  | Sludge Digester No. 1-3 - Sheet Piles Install Portion 2 (3,128m2 @90m2/d) | 36       | 22-Sep-22   | 04-Nov-22    | -160        |         |    |    |    |    |  |    |    |    |           |    |    |    |              |    |    |    |            |
| <b>Stage 7</b>   |   |          |             |              |             |         |    |    |    |    |  |    |    |    |           |    |    |    |              |    |    |    |            |
| <b>Stage 7: New Sludge Digester No. 4</b>                |   |          |             |              |             |         |    |    |    |    |  |    |    |    |           |    |    |    |              |    |    |    |            |
| <b>Stage 7 : SD 4 Foundation and ELS Works</b>           |   |          |             |              |             |         |    |    |    |    |  |    |    |    |           |    |    |    |              |    |    |    |            |
| Z3S8SD-2000  | Sludge Digester No. 4 - Pre-drill (1 no. SD-BH6)                          | 14       | 16-May-22 A | 14-Jun-22 A  |             |         |    |    |    |    | Sludge Digester No. 4 - Pre-drill (1 no. SD-BH6)                     |    |    |    |           |    |    |    |              |    |    |    |            |
| <b>Stage 7 : New Sludge Digester No. 5 and 6</b>         |   |          |             |              |             |         |    |    |    |    |  |    |    |    |           |    |    |    |              |    |    |    |            |
| <b>Stage 7 : SD 5,6 Foundation and ELS Works</b>         |   |          |             |              |             |         |    |    |    |    |  |    |    |    |           |    |    |    |              |    |    |    |            |
| Z3S8SD-1010  | Sludge Digester No. 5-6 - Pre-drill (3 nos. SD-BH1,SD-BH3,SD-BH4)         | 48       | 13-Sep-22   | 09-Nov-22    | 769         |         |    |    |    |    |  |    |    |    |           |    |    |    |              |    |    |    |            |



- █ Remaining Level of Ef...
- █ Actual Work
- █ Remaining Work
- █ Critical Remaining Work
- ◆ Milestone

## Contract DC/2019/10 - YLEPP - Main Works for Stage 1

### Monthly Progress Report No. 20 - 3MRP (Jun 2022)

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| Date                                  | Revision | Checked | Approved |
| 30-Jun-22                             | Rev. 0   |         |          |