**Document Reference C1.1**

**Treatment Plant 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **High Pressure Treatment Plant 1** | | | | |
| **Plant Component** | **Treatment Vessel** | **Work Tank 1**  **(brown)** | **Work Tank 2**  **(green)** | **Tanalith E Concentrate Storage Tank 7** |
| Dimensions | Cylinder - 1.8m, I.D. x 10.4m internal length |  |  |  |
| Construction | Riveted / Welded steel | Welded steel | Welded steel | Welded steel |
| Total Volume (max) | N/A | 54500 litres | 54500 litres | 6000 litres |
| Working Volume | N/A | 53500 litres | 53500 litres | 5500 litres |
| Working Pressure | 12.00 bar g & Full Vacuum | Atmospheric | Atmospheric | Atmospheric |
| Timber Volume (max / charge) | 10.0 m³ | N/A | N/A | N/A |

**Document Reference C1.2**

**Treatment Plant 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **High Pressure Treatment Plant 2** | | | | |
| **Plant Component** | **Treatment Vessel** | **Work Tank 3A**  **(brown)** | **Work Tank 3B**  **(brown)** |  |
| Dimensions | Cylinder - 1.8m, I.D. x 10.4m internal length |  |  |  |
| Construction | Welded steel | Welded steel | Riveted steel |  |
| Total Volume | N/A | 22100 litres | 12700 litres |  |
| Working Volume | N/A | Litres | litres |  |
| Working Pressure | 12.00 bar g & Full Vacuum | Atmospheric | Atmospheric |  |
| Timber Volume (max / charge) | 10.5 m³ | N/A | N/A |  |

**Document Reference C1.3**

**Treatment Plant 3**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **High Pressure Treatment Plant 3** | | | | |
| **Plant Component** | **Treatment Vessel** | **Work Tank 4**  **(green)** | **Water Storage Tank 8**  **(mains water)** |  |
| Dimensions | Cylinder - 1.8m, I.D. x 12.4m internal length |  |  |  |
| Construction | Welded steel | Welded steel | Welded steel |  |
| Total Volume | N/A | 45000 litres | 54500 litres |  |
| Working Volume | N/A | 44000 litres | 54000 litres |  |
| Working Pressure | 12.00 bar g & Full Vacuum | Atmospheric | Atmospheric |  |
| Timber Volume (max / charge) | 12.5 m³ | N/A | N/A |  |

**Document Reference C1.4**

**Treatment Plant 4**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **High Pressure Treatment Plant 4** | | | | |
| **Plant Component** | **Treatment Vessel** | **Work Tank 6 (in sump)**  **(green)** | **Water Storage Tank 5**  **(harvested rainwater)** |  |
| Dimensions | Cylinder – 1.8m, I.D. x 12.4m internal length |  |  |  |
| Construction | Welded steel | Welded steel | Riveted steel |  |
| Total Volume | N/A | 45000 litres | 54500 litres |  |
| Working Volume | N/A | 44000 litres | 54000 litres |  |
| Working Pressure | 12.00 bar g & Full Vacuum | Atmospheric | Atmospheric |  |
| Timber Volume (max / charge) | 12.0 m³ | N/A | N/A |  |