Appendix I: Waste Loads Timestep Analysis

BRS SSD8593 - TIMESTEP OCTOBER 2020

Gantt chart timeline (hours): 0, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100, 105, 110, 115, 120 — with 14 activity bars (rows 1–14).

| Total On site | 1 | 2 | 3 | 4 | 4 | 4 | 3 | 3 | 4 | 3 | 3 | 2 | 2 | 2 | 3 | 4 | 4 | 4 | 3 | 3 | 4 | 3 | 3 | 2 | 1 |
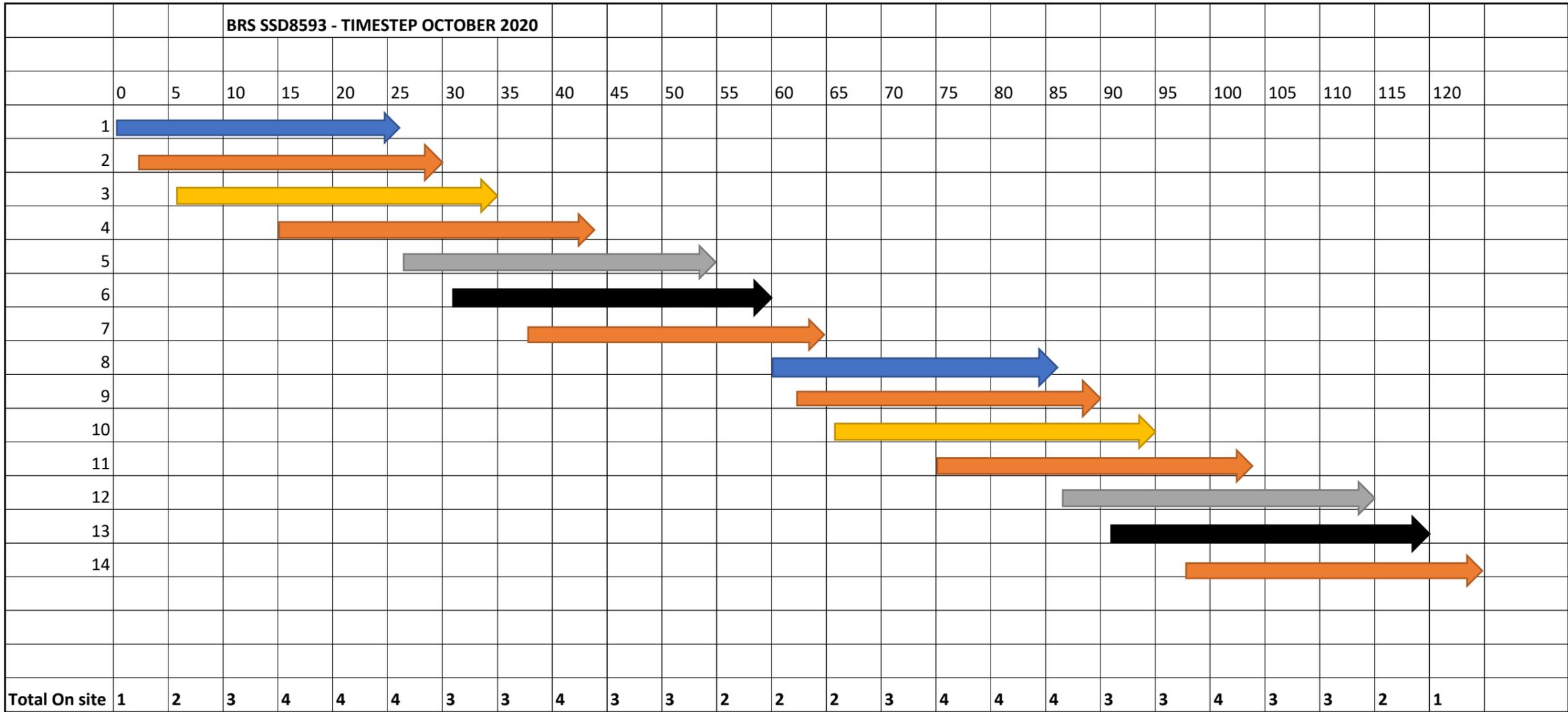
The above information is extarcted from TIA. The calculations are based on a total of 225,000 tonnes (100,000 tonnes of solid waste and 125,000 of liquid waste) processing capacity on site per year.

The calculations demonstrate that Solid Waste delivery is 0.7 trucks per hour or 7 trucks every 10 hours

The calculations demonstrate that Liquid Waste delivery is 2.1 trucks per hour or 21 trucks every 10 hours

The calculations demonstrate that Solid Waste removal is 0.7 trucks per hour or 7 trucks every 10 hours

The calculations demonstrate that Liquid Waste removal is 0.1 trucks per hour or 1 truck every 10 hours

The calculations demonstrate that concrete trucks delivery is 0.5 trucks per hour or 5 trucks every 10 hours