

Notice of Alteration, Environment Act Licence No. 3081 R, The Brady Road Resource Management Facility, Hog Disposal Above Ground Burial Pilot, Additional Information

Project Client File No. 5556.00

July 31, 2020

Treatments:

The following 12 treatments are included in the pilot project (see Fig. 1 for layout):

- Whole nurse pig carcasses and woodchips (NW)
- Whole feeder pig carcasses and woodchips (FW)
- Whole nurse pig carcasses and woodchips, seeded (NWS)
- Whole feeder pig carcasses and woodchips, seeded (FWS)
- Whole nurse pig carcasses and straw, seeded (NStS)
- Whole feeder pig carcasses and straw, seeded (FStS)
- Ground nursery pig carcasses and woodchips (GNW)
- Ground feeder pig carcasses and woodchips (GFW)
- Ground nurse pig carcasses and woodchips and seeded (GNWS),
- Ground feeder pig carcasses and woodchips and seeded (GFWS),
- Ground nurse pig carcasses and straw (GNSt), and
- Ground feeder pig carcasses and straw (GFSt)

A typical design for above ground burial is shown in Fig. 2.

Volume and Number of carcasses

The number of pigs per trench depends on the exact size and condition of the carcasses upon delivery.

- Trenches with whole feeder pigs are estimated using a feeder weight of 110 kg and size of 1.3m x 0.7m, which is approximately 28 feeder pigs/trench and/or 3080 kg of carcasses/trench.
- Trenches with nursery pigs are estimated using a nursery weight of 20 kg and size of 1.3m x 0.7m, which is approximately 91 nursery pigs/trench and/or 1820 kg of nursery carcasses/trench.
- It is also assumed that the same number of feeder and nursery pigs/trench will be used with the ground treatments.

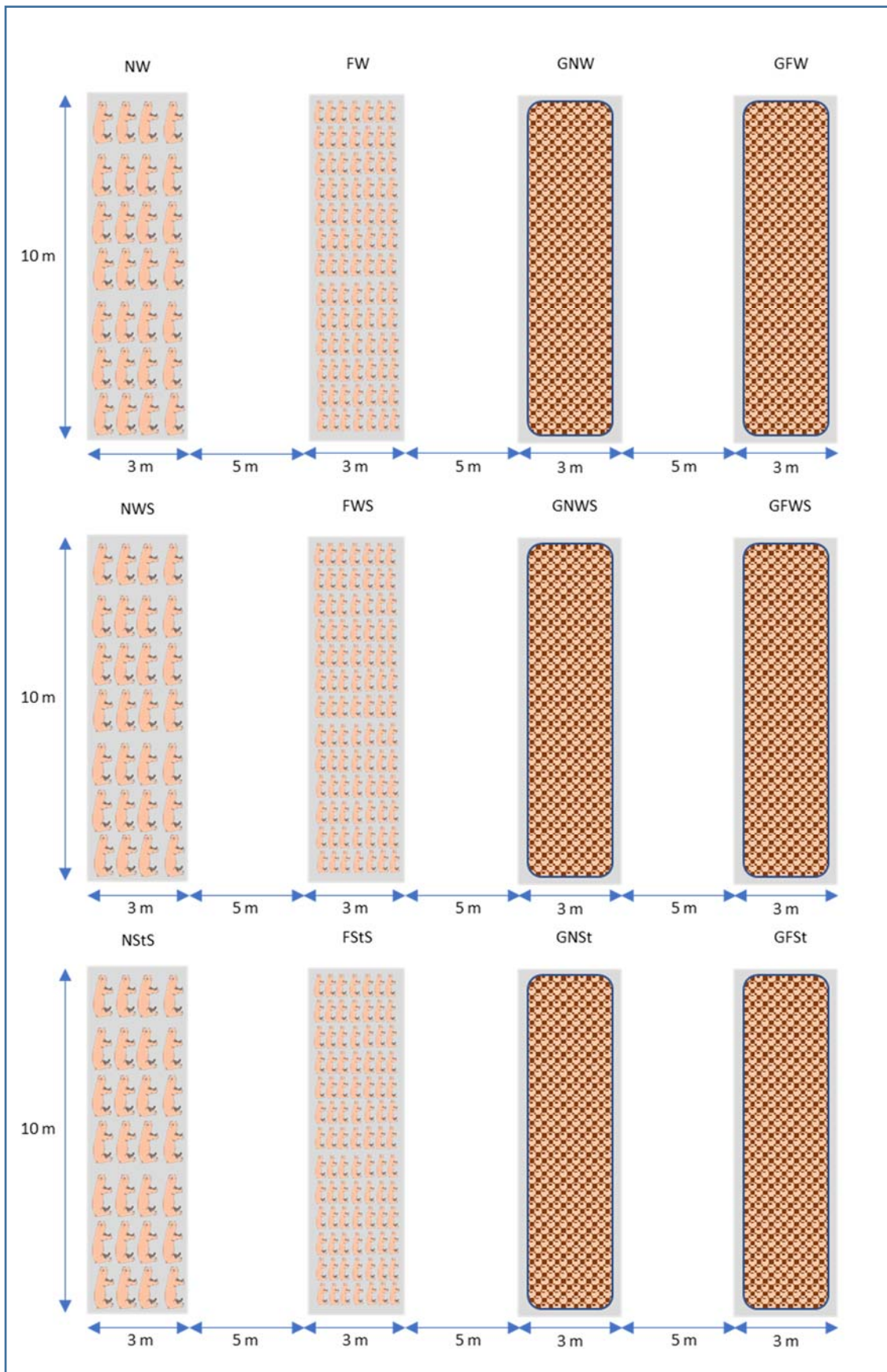


Figure 1. Above ground burial treatments and layout (NTS).

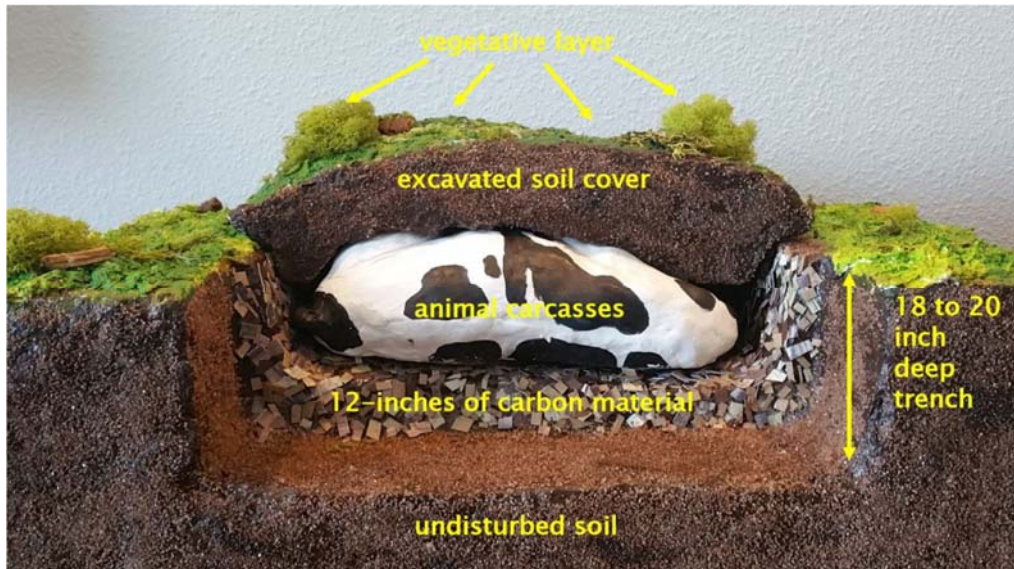


Figure 2. Above ground burial design (photo credit G. Flory)

Proposed use of material after the pilot

The material will be left in situ. The pilot is being conducted in the area planned for future landfilling. This soil will be used as part of landfill final cover in the next approximately 25 years.