

Site Optimisation and Closure Works

Construction Phasing

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Phase 1 (2013 - 2015): Enabling operations and site works will take place prior to the main construction phases. This includes the removal of boundary planting around the north of the Repository including the eastern boundary facing Stubble Green, the formation of the cap 'shoulders' and the first phase of capping. Combined with additional and early planting, this will provide visual and acoustic screening for later phases.

Other works include installation of the cut-off wall to the north and west of Vault 8 and diversion of Drigg Stream.

Phase 2 (2018 - 2022): Major works will include:

- Importation of further capping and profile fill material
- The demolition of the remaining magazine buildings
- The installation of the cut-off wall adjacent to Vault 9 and the secant pile wall to the east of Vault 10
- Excavation and construction of Vault 10

Completion of the first phase of the final cap over Vault 8 and the northern part of the trenches then follows.

Phase 3 (2023 - 2026): Work will follow the pattern of construction in the preceding phase, with construction of a cut-off wall adjacent to Vault 10, secant wall for Vault 11 and construction of Vault 11. Capping of Vault 9 and the area of trenches to the east then follows.

Phase 4 (2027 - 2029): Work follows the same pattern as the previous phase.

Phase 5 (2031 - 2033): Work follows the same pattern as Phases 3 and 4.

Phase 6 (2035 - 2036): Work generally follows the same

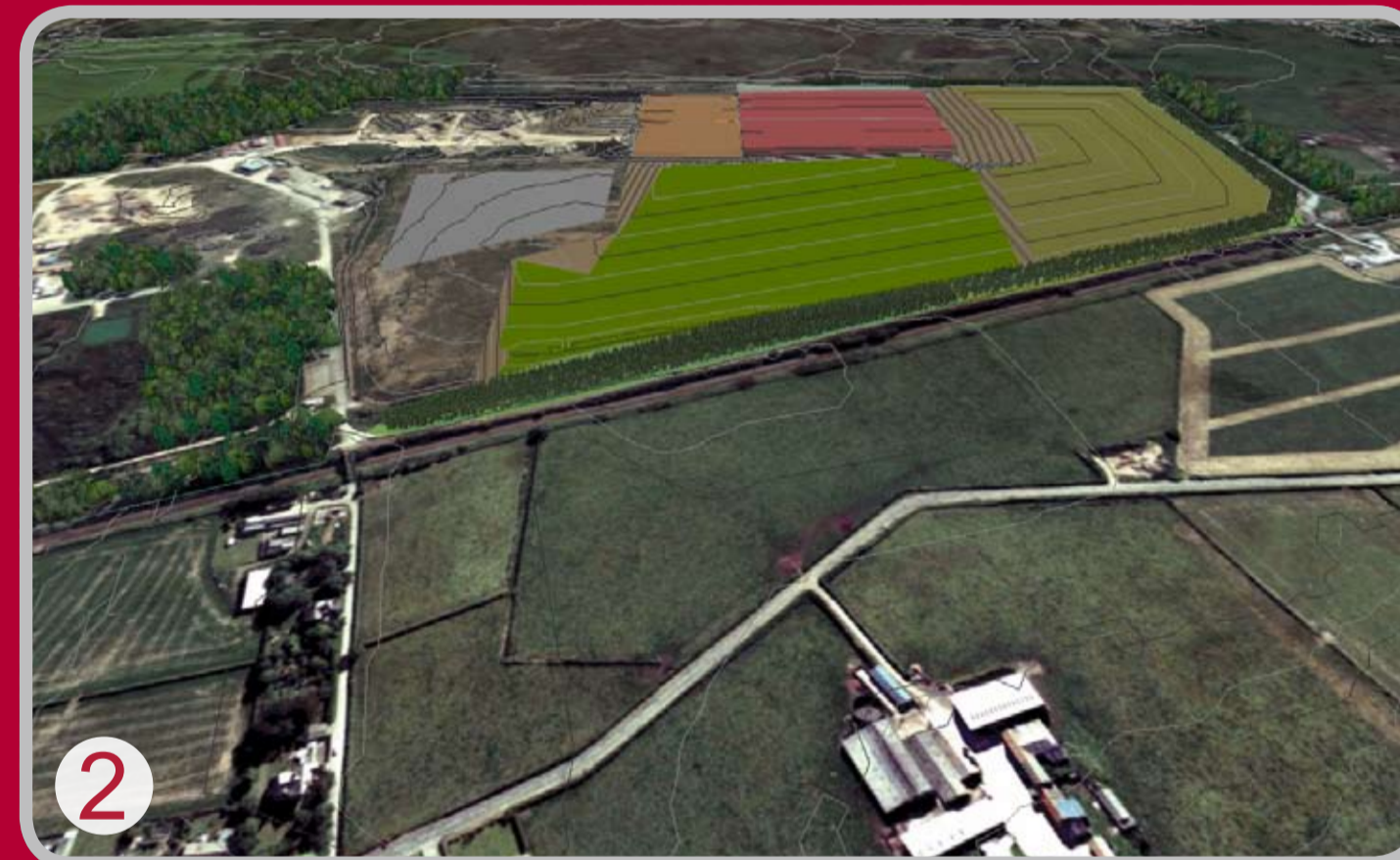
pattern as Phases 3, 4 and 5 with additional works to prepare the southern part of the site and install the final drainage.

Phase 7 (2050 - 2055): This phase includes the installation of a cut-off wall and secant wall for Vault 14, the excavation and construction of Vault 14, importation of capping and profiling material, and capping of Vault 13 and the adjacent trenches.

Phase 8 (2078 - 2079): Work within this phase is limited to the importation of capping and profiling materials and the capping of Vault 14 and the adjacent trenches. It represents the final phase of capping, with the landscaped cap in its final form.



1 Site preparation



2 Capping Vault 8 and adjacent Trenches, construct Vault 10



3 Capping Vault 9 and adjacent Trenches, construct Vault 11



4 Capping Vault 10 and adjacent Trenches, construct Vault 12



5 Capping Vault 11 and adjacent Trenches, construct Vault 13



6 Capping Vault 12 and adjacent Trenches



7 Capping Vault 13 and adjacent Trenches, construct Vault 14



8 Capping Vault 14 and adjacent Trenches