1. Non Technical Summary

1.1 This section of the Environmental Permit application corresponds to Question 5c and 6 of Part B2 (form EPB2 Version 19, Sept 2023) of the application forms, which requires the provision of a Non-Technical Summary.

1.2 The proposed inert landfill site is located south of the A38 Devon Expressway at Challonsleigh Farm, Smithaleigh (near Lee Mill, Ivybridge) as shown on drawing DESSD1 Site Location Plan, and is sited immediately to the east and southeast of two existing waste management facilities operated by DDE (SW) Ltd. [which were previously operated by SITA UK Ltd (Wate Transfer Operation) and Wood Yew Waste Ltd (wood and plastic recycling facility.), referred to by DDE (SW) Ltd]. as Sites A and B. The planned inert landfill site lies between the A38 and the waste management facility (aggregate recycling) approximately 400m to the south, with that site referred to by DDE (SW) Ltd. as Site C, and the planned inert landfill as Site D. The National Grid Reference for the approximate centre of the planned inert landfill is SX 59586,55351 (Easting 259585, Northing 055351), with the nearest post code being PL7 5FD. The planned inert landfill will complement the existing waste management facilities and utilise the existing management structures and oversight

1.3 DDE(SW) Ltd. is seeking appropriate permission from the Environment Agency for an inert land raise landfill that was granted as part of a conditional planning permission by Devon County Council ref. DCC/4038/2018. That permission is for a waste transfer building and associated infrastructure to the south (not part of this application) on an existing material processing yard, and a land raise operations for the importation of inert waste material over a 10 year period on predominately agricultural land. The material processing site to the south includes a soil processing plant which produces washed aggregates and a filter cake material. This application includes a deposit of waste for recovery application to reuse this material as an enhanced geological barrier where the underlying ground does not meet the requirements for an inert landfill. The landfill site is divided by a small stream running east to west and run off from the landfill enters this watercourse and a waste discharge, trade/ rain effluent > 5 m3 / day is also being applied for in this application to cover this discharge from the north and south.

1.4 An access track runs along the western boundary of the planned inert landfill to the Site C waste management facility, with the River Yealm close to the eastern boundary of the planned inert landfill. A small unnamed intermittent watercourse with hedgerow and trees either side, runs from west to east through the middle of the proposed inert landfill area. Filling will be set back either side of that watercourse i.e. it will not be culverted. There are two fields to the north of the watercourse where the land slopes from 71 m above ordnance datum (AOD) in the north west to 51 m AOD in the south and 44.5 m AOD in the east adjacent to the watercourse. There are two fields in a central area south of the watercourse which slope gently from around 49 m AOD in the west to 42-44 m AOD in the east to south east near the River Yealm. Further East beyond the River Yealm is Strashliegh Hams Landfill

1.5 The proposed landfill is predominantly farmland used for grazing, but with trees and dense shrub vegetation on the edge of an old historic inert landfill area to the South which forms a platform 4.5 – 5.5m deep approximately as shown on drawing DSRA 1-2. Further South under the existing Site C waste management facility (Aggregate recycling Yard) is an extant permitted inert landfill that was completed approximately 25 years ago as a restoration project and post the historic landfill.

1.6 Previously an application for a permit was made in 2021 which was subsequently withdrawn (see Section 2 Pre application discussions) which included the extant permitted landfill area which is now excluded from this application. This new application as well as excluding the extant permitted also addresses the other concerns raised by the EA in its

schedule 5 notice in particular providing a numerical Hydrological Risk Assessment, (Landsim). Further details of how these have been addressed is contained in section 2.

1.7 The original planning permission showed the phasing from north to south. The phasing has subsequently been revised from north to south to south to north. Details of the revised phasing have been agreed as part of the discharge of planning conditions, though the revised phasing still includes formation of a bund in the north of the site at the start of filling to provide landscape screening, prior to the start of the general land rising in the South.

Site history and proposed development

1.8 The proposed land raise with inert waste entails filling on a total of approximately 10.76 ha of agricultural grazing land split north and south of an unnamed intermittent ordinary watercourse which will remain open and includes filling over the edge of an historic former landfill in the south which has scrub vegetation cover and is not used for agriculture. Environment Agency records indicate that previous landfill forms raised ground in the south of the planned landraise area and around and under the existing waste management facility, and from EA records and study of the terrain and comparison to OS maps it seems likely that former landfill area underlies 0.67 ha of the planned inert landfill area.

1.9 Part of the historic landfill to the south of the proposed landfill has an extant permit in that it is closed and cannot be used for landfill but the permit is not extinguished. This has a unique reference EAHLD08685 within the Environment Agency's historical landfill dataset records, which indicate the landfill was licensed for inert and industrial, with first input June 1991. The EA dataset does not record a date for the last waste input, though Devon County Council granted conditional approval for its restoration in March 2003, and the site now has trees and dense shrub vegetation. Material to the south beyond the proposed inert landfill appears to be typical demolition rubble type material including some steel.

1.10 It is intended in the long term to provide an improved restoration profile and ecological land use over part of the extant permit area where not overlain by existing operations, by importing non waste material and is not part of this application.

Waste acceptance and permitted activities

1.11 Access to the planned inert landfill will be via DDE(SW) Ltd.'s existing dedicated gated entrance from the first junction (roundabout) on the A38 south bound off slip at Smithaleigh just west of Ivybridge. That entrance provides the sole access to DDE(SW) Ltd.'s waste management facilities which will include the inert landfill to the east of the access track.

1.12 Incoming loads will comply with the site's waste acceptance procedures and will be checked as they arrive with additional visual checks being undertaken at the point of off-loading within the inert landfill operational area.

Staffing and general maintenance

1.13 The inert landfill will only be open for operation between the following times:

- 07:30 hours to 18:00 hours - Mondays to Fridays
- 08:30 hours to 13:00 hours - Saturdays

1.14 With no operations on Sundays and Public, Bank or National Holidays, as per its planning permission condition 19.

1.15 Lockable gates will be present at the Site entrance which will be fully secured outside operational hours to prevent unauthorised access.

1.16 A noticeboard will be displayed near the Site entrance and will include: the Site name and Permit number; the name, address and emergency contact details for DDE(SW) Ltd.; and details for how to contact the Environment Agency for general enquiries or in an emergency.

1.17 All staff will have clearly defined roles and responsibilities; with a nominated Site Manager having overall responsibility. Appropriate training will be provided, and written instructions will be given to all staff where necessary.

1.18 All machinery and equipment utilised within the inert landfill will be serviced and maintained in accordance with the manufacturers' recommended maintenance schedules.

1.19 Prior to exiting onto the public road network, vehicles will, if necessary, be stopped and inspected and cleaned of mud adhering to the wheels or chassis by passing through a 'sump' style wheelwash facility which is present along the access track to the existing waste management facilities.

1.20 Should it become apparent that mud has been tracked onto the public highway, sweeping of relevant areas, including the public highway, will be undertaken as soon as possible. A road sweeper will be employed, if required.

1.21 Due to the inert nature of the materials that will be received at the Site there will not be a significant odour, litter, pest, vermin or fire risk.

Site operations

1.22 The inert landfill will be operated according to the DDE(SW) Ltd.'s own management system.

1.23 Complaints, if any are received regarding operations, will be recorded and investigated by the Site Manager, and action will be taken to understand and resolve them.

Operator competence

1.24 The inert landfill will be operated by DDE(SW) Ltd. which has a track record of operating waste management facilities and has not been convicted of any relevant offences or subject to insolvency or bankruptcy.

1.25 Relevant staff within DDE(SW) Ltd. who will be managing the inert landfill will be technically competent for inert waste management operations as assessed under a recognised waste operator competence scheme.

1.26 Management of environmental aspects are incorporated within DDE(SW) Ltd.'s own management system.

Environmental risk assessments

1.27 Environmental risk assessments carried out for the planning application and also for this permit, include appraisal of risk to amenity, groundwater, surface water and the atmosphere from vehicle emissions and potential ground gas. This document can be found in Appendix E of this document.

1.28 Significant adverse effects are not foreseen.

Environmental monitoring

1.29 Regular environmental monitoring will be carried out at the inert landfill as detailed in the environmental risk assessments. That includes regular monitoring of groundwater, surface water, and ground gas.