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ENERGY AND CLIMATE CHANGE
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WASTE RESOURCE MANAGEMENT

THOMPSONS OF PRUDHOE LTD

LOW PRUDHOE WTS PERMIT VARIATION (EPR/RP3898ZV)

NON-TECHNICAL SUMMARY

AUGUST 2025

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DATE ISSUED:	**AUGUST 2025**
JOB NUMBER:	**NT16466**
REPORT NUMBER:	**001**
VERSION:	**V2.0**
STATUS:	**FINAL**

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August 2025

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1 INTRODUCTION

1.1.1 Wardell Armstrong LLP has been commissioned by Thompsons of Prudhoe (ToP) Ltd to prepare an application to vary the environmental permit for its Low Prudhoe Waste Transfer Station (Reference EPR/RP3898ZV, EAWML64001) in Northumberland.

1.1.2 The permit allows for operation of a waste transfer station accepting a range of non-hazardous industrial and commercial wastes, as well as cement-bonded asbestos. Further details of the permitted operations are provided in Section 2.

1.1.3 The variation will extend the existing boundary to the east, allowing additional area for the storage of inert waste, an increase of the throughput of waste to 150,000 tonnes is also proposed. It is intended that the additional tonnage will comprise inert waste. Periodically mobile crushing plant will be used to treat inert waste to produce an aggregate. The variation will additionally allow for the acceptance of bagged or securely wrapped fibrous asbestos to the transfer station. Section 3 provides additional detail of the proposed variation.

1.1.4 Strict waste acceptance and monitoring will be in place to ensure site activities are controlled in accordance with Environment Agency guidance and legislation, using appropriate measures. Section 4 summarises the environmental controls will be in place to minimise the risk to human health and the environment. The activities will be operated in accordance with the site's Environmental Management System.

2 SITE DETAILS

2.1 Site Setting

2.1.1 Low Prudhoe Waste Transfer Station is located on Princess Way, north of Prudhoe, Northumberland at post code NE42 6PL (National Grid Reference (NZ 10122 64002). The permit boundary is provided in Drawing NT16466-001.

2.1.2 The site is located on an industrial estate sited on the northern extent of the adjacent town of Prudhoe. The surrounding land use is a mix of industry, agriculture and residential areas associated with Prudhoe, Ovingham village (900m west) and Wylam Village (950m northeast). The nearest residents are located approximately 300m south of the permit boundary.

2.1.3 There are several sensitive habitats within 2km of the permit boundary, the nearest being Castlefield Wood Local Nature Reserve (LNR) (including Well Dene ancient

woodlands) 250m south of the site, Wylam Haughs LNR 1km east of the permit boundary, and Priestclose Wood LNR and ancient woodland 1.1km South. There is a total of nine ancient woodlands within 2km of the permit boundary.

2.1.4 There are no ecological SSSIs within 2km of the site or European Sites within 10km. There is one geological SSSI, located at River Tyne at Ovingham SSSI 1km west, which is not considered to be at risk from the activity.

2.1.5 Prudhoe Castle is a Scheduled Monument located 900m southwest of the site; the structure is not considered at risk form the proposed activity.

2.2 Permitted Activities

2.2.1 The site operates as a waste transfer station accepting a range of commercial and industrial waste types. The site's permit was issued to ToP Ltd in 1999 as a Waste Management Licence (EAWML64001). The permit allows for the acceptance of inert wastes (including soils and stones), scrap metal, a limited range of degradable waste (from commercial and industrial sources) construction and demolition wastes, and cement bound asbestos only.

2.2.2 Cement bound asbestos is the only hazardous waste type permitted to be accepted at the site under waste code 17 06 05*. The acceptance of construction materials containing asbestos is limited to 3,120 tonnes per annum. The daily quantity of asbestos waste accepted per day is limited to 10 tonnes and the maximum storage capacity is likewise limited to 10 tonnes.

2.2.3 The annual permitted throughput for all other waste types is currently as follows:

- Inert Wastes – 15,000 tonnes;
- Scrap Metal – 1,000 tonnes;
- Degradable Commercial Waste – 15,000 tonnes;
- Degradable Industrial Waste – 15,000 tonnes;
- Other Construction and Demolition Wastes – 44,000 tonnes.

Under the variation the quantity of inert waste would be increased to 150,000 tonnes a year.

3 VARIATION APPLICATION

3.1 Proposed Activities

3.1.1 It is proposed to increase the throughput of inert waste to 150,000 tonnes per year. ToP Ltd also proposes to extend the permit boundary to the east, allowing additional space for the storage of inert wastes. Inert wastes will be stored in four external bays in the northeast extent of the site. The bays will benefit from impermeable surfacing that will feed into the site's existing sealed drainage system. Periodically a mobile crusher will be used to screen and crush inert waste to produce aggregate.

3.1.2 In addition to cement-bonded asbestos, ToP Ltd proposes to vary the permit to allow for the acceptance of waste fibrous asbestos onto the site. The fibrous asbestos will be accepted only if it is double-bagged (or securely double-wrapped in heavy gauge polythene, where necessary) ensuring it can be handled and transported safely. All bagged fibrous asbestos will be stored in a dedicated secure lockable container.

3.1.3 There will be no treatment of asbestos wastes and the material will remain securely stored and bagged until it is removed from site for disposal at an appropriately permitted facility. Therefore, this is considered a relatively low-risk activity, as the transfer of these small volumes of asbestos is aligned with Standard rules SR2008No9 - asbestos waste transfer station.

3.1.4 The daily acceptance limit and storage limit will remain at 10 tonnes in total of asbestos.

3.1.5 The Site will operate as a Waste Transfer Station with limited treatment of waste, to enable the crushing of inert waste to produce aggregate.

3.2 Permit Variation

3.2.1 The permit variation is supported by the following documents:

- Application Forms A, B2, B4 and F1;
- A Non-technical Summary setting out the changes to the permitted activities;
- An Operating Techniques Addendum describing the proposed operations, the environmental control measures and the monitoring in place to prevent emissions;
- An Environmental Risk Assessment identifying nearby receptors and demonstrating that risks will be appropriately controlled;

- A Habitats Risk Assessment demonstrating that proximal ancient woodland and habitats will not be affected by the change;
- A Dust Management Plan describing how nearby sensitive receptors will be protected from emissions of dust, and the monitoring that will be in place;
- A Site Condition Report describing the condition of the land and describing protection measures in place to prevent pollution to land, ground and surface water; and
- Drawings showing the changes to the permit boundary.

3.2.2 To allow for the acceptance of the additional volume of inert waste, the permit would be amended to allow for the acceptance of 150,000 tonnes of inert waste per year.

3.2.3 To allow for the acceptance of double-bagged fibrous asbestos, the limits of Table 1.2.A of the permit would require to be amended to allow for the acceptance of the additional waste type, that is EWC 17 06 01* 'Insulation materials containing asbestos' will be added to the list of accepted waste codes listed in the permit. 17 06 05*, 'construction materials containing asbestos,' are already accepted on site in line with the extant permit conditions.

3.2.4 A permit boundary plan has been provided as Drawing NT16466-001 showing the new extent of the permit boundary. Drawing LP01-001 Shows the changes from the original permit boundary.

4 ENVIRONMENTAL CONTROL MEASURES

4.1.1 The main risk resulting from the proposed activity to the local receptors is from emissions to air including dust from recycling and storage of inert waste, and hazardous fibrous asbestos particles, as well as emissions to water from the external storage of inert wastes. An Environmental Risk Assessment and Habitats Risk Assessment has been undertaken, demonstrating that the environmental controls employed at the site will be effective in eliminating unacceptable risk of emissions to nearby receptors.

4.1.2 Waste will be stockpiled in bays not exceeding the height or footprint of the bay walls to ensure protection from wind-whipping and entrainment of fine particles into the air. A water bowser will be available on site to dampen down stockpiles during dry or windy weather. ToP Ltd operates a staged trigger level procedure to identify weather

conditions when there is an increased or high risk of wind-blown dust to identify the level of dust suppression required, as detailed in the Dust Management Plan.

4.1.3 The crusher has an enclosed design with dust suppression built in, to damp down waste on the feed conveyor.

4.1.4 Storage and treatment of wastes in the extended area of the permit boundary will be limited to inert wastes only. The external storage areas in the eastern extension area are surfaced with concrete to provide an impermeable surface. Surface water run-off is directed into the site's existing sealed ACO drainage system linked to the WTS building, which drains to a below ground leachate collection tank. The tank is periodically emptied by tanker to maintain its capacity.

4.1.5 Stringent waste pre-acceptance and acceptance procedures, including sampling of waste, will ensure that only suitable inert wastes are stored in external areas.

4.1.6 The handling of bagged fibrous asbestos will align with the measures prescribed by Standard rules SR2008No9 - asbestos waste transfer station. That is, asbestos must be double-bagged (or securely double-wrapped in heavy gauge polythene, where necessary) and stored within secure, lockable containers. This also aligns with HSE guidance for the Carriage of Dangerous Goods relating to asbestos waste.[1] There will be no treatment of asbestos waste on site.

4.1.7 Strict waste acceptance procedures will ensure any asbestos accepted is either cement bonded, or double bagged with no defects to the packaging.

4.1.8 There will be no additional risk of fire resulting from the proposed operations. The additional asbestos waste stream to be stored on site are not considered to be combustible, and inert waste to be stored in the extended permit boundary will not cause any increased risk of fire.

4.1.9 Monitoring and reporting procedures are in place ensure the site operates in accordance with the permit and the relevant guidance and remedial action is taken as soon as any issue is identified that might impact the environment.

4.1.10 The new activity will be integrated into the site's existing Environmental Management System (EMS). The EMS covers:

- Quality Management;

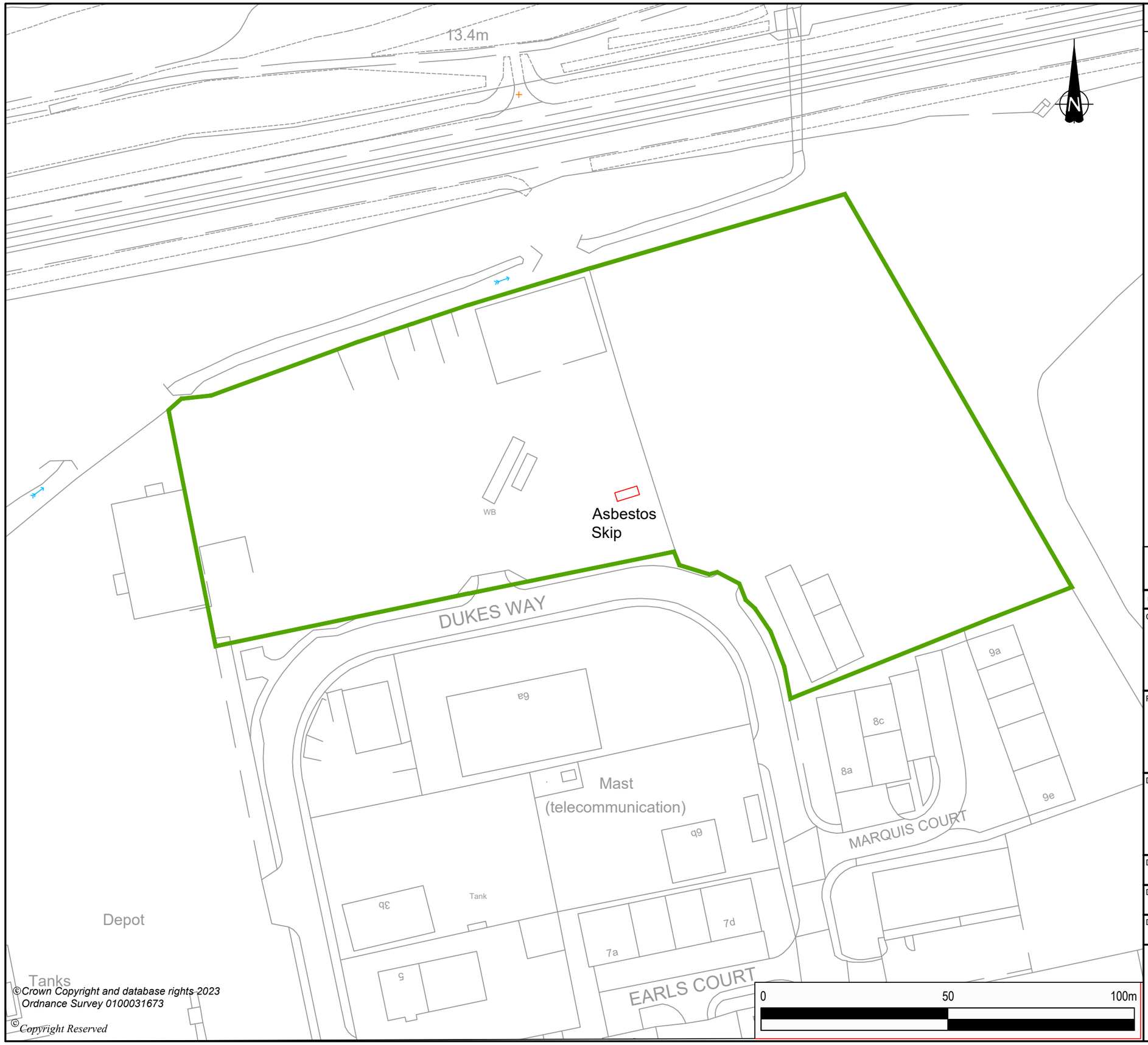
[1] Carriage of Dangerous Goods - What are the packaging and documentation requirements related to the carriage of asbestos and asbestos waste? (hse.gov.uk)

- Environmental Policy;
- Compliance with environmental permit and environmental legislation;
- Staff training;
- Accident prevention and management;
- Site infrastructure and maintenance; and
- Record keeping.

4.1.11 Site operatives will be trained to follow the measures in the EMS and to understand their responsibilities under the site's environmental permit.

4.1.12 Overall, the new activity will be operated to ensure risk to human health and the environment is minimal.

DRAWINGS/FIGURES



DO NOT SCALE FROM THIS DRAWING

KEY

PERMIT BOUNDARY

REVISION	DETAILS	DATE	DR'N	CHK'D	APP'D
A	FIRST ISSUE	20-08-25	DR	AC	AC

CLIENT

THOMPSONS OF PRUDHOE ENVIRONMENTAL TRUST

PROJECT

LOW PRUDHOE TRANSFER STATION

DRAWING TITLE

PERMIT BOUNDARY

DRG No.	REV	SUIT. CODE
NT16466-001	A	

DRG SIZE	SCALE	DATE
A3	1:1000	05-09-23

DRAWN BY	CHECKED BY	APPROVED BY
DR	AC	AC

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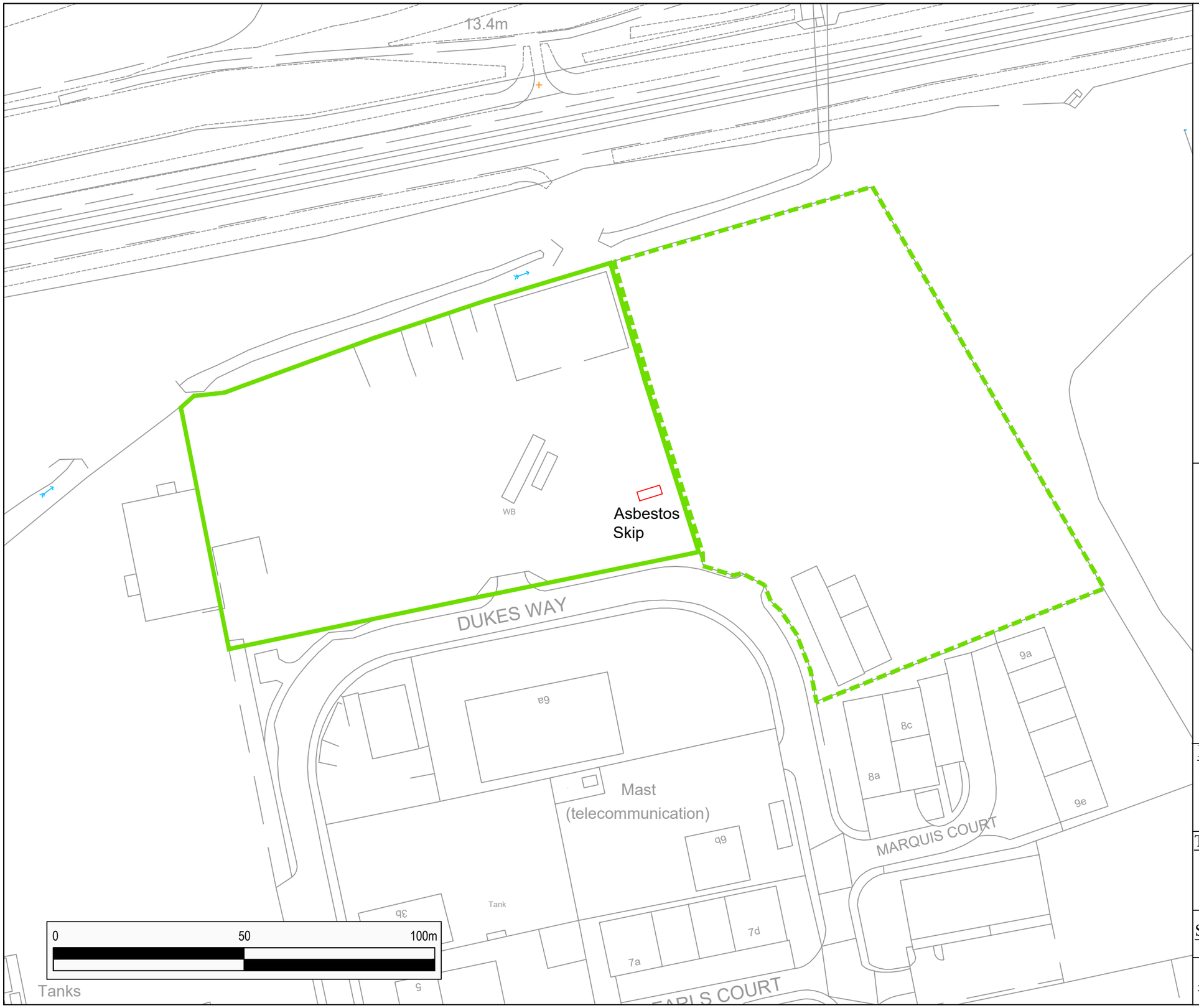

Key

Permit Boundary

Proposed Permit Extension Area

THOMPSONS OF PRUDHOE

THOMPSONS OF PRUDHOE

Princess Way
Low Prudhoe
Northumberland
NE42 6PL
01661 832422

Project;

Low Prudhoe Transfer Station

Title;

Site Plan

Scale 1:1000	Drawn MG	Date 23/8/23
Job no. LP-01	Dwg no. 001	Rev. ----

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