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THOMPSONS OF PRUDHOE LIMITED

PERMIT VARIATION APPLICATION

NON-TECHNICAL SUMMARY

JULY 2023

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1 INTRODUCTION

- 1.1.1 Wardell Armstrong LLP has been commissioned by Thompsons of Prudhoe Limited to prepare an application to vary the environmental permit for the existing Waste Transfer Station (WTS) at Springwell Quarry.
- 1.1.2 The purpose of the permit variation (permit number EPR/YP3098ZG) is to add a soil washing plant at the site, which will also result in scaling-down of the permitted transfer and treatment activities undertaken at the WTS.
- 1.1.3 The site is located immediately adjacent to the existing Springwell Quarry landfill, at approximate National Grid Reference NZ 282 585.
- 1.1.4 The surrounding receptors are predominately residential areas to the north, east and west of the site. The closest residential areas are approximately 50m due east of the operation at Railway Close.
- 1.1.5 There are no European Sites including Ramsar Sites, Special Areas of Conservation (SACs), Special Protection Areas (SPAs), or Sites of Special Scientific Interest (SSSIs) within 2km of the Site. Other close Sites of Special Scientific Interest are Pockerley Farm Pond and Ridley Gill, both located approximately 6.7km to the southwest of site and Dawson's Plantation Quarry, located approximately 6.5km to the southeast of site. There is a priority habitat of Deciduous woodland 400m to the south of the Site. Great Crested Newt (GCN) are confirmed to be present within some of the ponds located both within and adjacent to the Site boundary.
- 1.1.6 Springwell Quarry is situated within the catchment area of the River Tyne. The nearest watercourse to the Site is the River Don, approximately 300m to the northeast of the Site entrance.

2 APPLICATION TO VARY THE PERMIT

2.1.1 The environmental permit variation application comprises the following documents:

- Application forms;
 - Part A
 - Part C2
 - Part C4
 - Part F1
- Non-Technical Summary
- Working Plan
- Amenity, Accident and Habitat Risk Assessment

3 PROPOSED CHANGES TO ACTIVITIES

3.1.1 The permit is being varied to allow for the operation of a soil washing plant. The installation of the soil washing plant will allow suitable inert materials from demolition and construction to be recycled into secondary aggregates, all of which will be produced under WRAP protocol and sold to local house builders and developers.

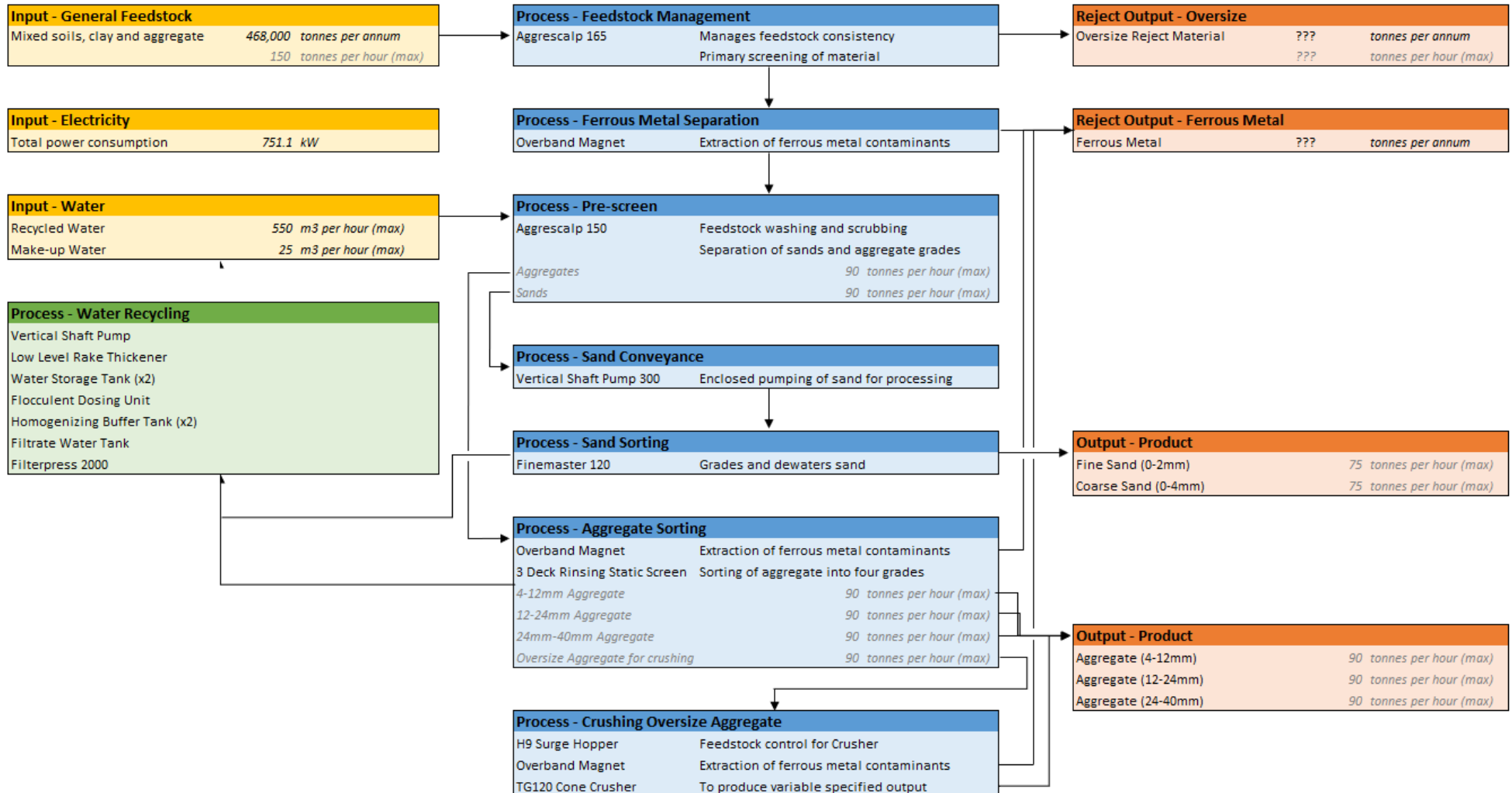
3.1.2 The plant will accept inert waste only. The materials accepted for processing at the wash plant present a very low risk of fire, odour, litter or pests.

3.1.3 Permitted activities on site will remain the same, that is:

- D9 – Physico-chemical treatment not specified elsewhere in Annex IIA which results in final compounds or mixtures which are discarded by means of any of the operations number D1 to D8 and D10 to D12;
- D14 – Repackaging prior to submission to any of the operations numbered D1 to 13;
- D15 – Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where it is produced).
- R3 – Recycling/reclamation of organic substances which are not used as solvents;
- R4 – Recycling/reclamation of metals and metal compounds;
- R5 – Recycling/reclamation of other inorganic materials; and
- R13 – Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on site where it is produced).

3.1.4 No more 2,000 tonnes per day of waste will be accepted on site per day for processing through the wash plant.

3.1.5 The operational phases of the soil washing facility are shown in figure 1.



4 ENVIRONMENTAL PROTECTION THROUGH RISK MANAGEMENT AND MITIGATION

- 4.1.1 The soil wash plant will be integrated into Thompsons of Prudhoe's Environmental Management System already in place at the site, ensuring that the plant is operated in accordance with standard operation procedures and that routine maintenance and inspections are carried out on a regular basis. This will ensure that the plant is operated in accordance with the emissions standards and minimise risk to the environment.
- 4.1.2 Staff will be provided with regular training on the environmental protection requirements for the Site.
- 4.1.3 The main risks resulting from operation from the wash plant will be dust and noise. An updated risk assessment and mitigation procedure is provided in document 'Amenity, Accident and Habitat Risk Assessment'.
- 4.1.4 Dust will be controlled effectively by use of dust suppression measures on the primary crushing phases. As a wet process, there is very low risk of dust during the washing process. Stockpiles and site roads will be damped down as appropriate to prevent the dispersal of any dust that is created at the site.
- 4.1.5 The site will comply with planning conditions relating to noise levels. To reduce noise or vibration impact on receptors, a noise attenuation bund will be constructed to act as an acoustic barrier. All plant and equipment will be maintained in accordance with the manufacturer's recommendations.
- 4.1.6 Further details of the environmental control measures operated at the site are detailed in the Working Plan supporting this application.

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