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SIGNAL HUT WASTE CLASSIFICATION TARAGO LEVEL CROSSING

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Description **The report presents a waste classification assessment for Signal Hut construction materials at Goulburn Street level crossing Tarago.**
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1. INTRODUCTION

Ramboll Australia Pty Ltd (Ramboll) was commissioned by John Holland Rail to complete a waste classification in accordance with the *NSW EPA Waste Classification Guidelines (2014)*. The classification was required for a signal hut at the Goulburn Street level crossing in Tarago NSW. The objective of the waste classification was to classify construction materials associated with the signal hut for off-site disposal from the site.

1.1 Scope of Works

The scope of works included the following tasks:

1. Preparation of a site-specific Health and Safety Plan for the site works
2. Visual inspection of building materials that form the signal hut by a licensed asbestos assessor
3. Comparison of visual observations to the waste classification guidelines
4. Preparation of this report.

2. FIELD OBSERVATIONS

Visual inspection identified signal hut construction materials included:

1. A concrete slab base with vinyl floor
2. Dual layer foam filled sheet metal walls and roof
3. Sheet metal interior fittings
4. Timber laminate doors with cardboard core.

No evidence of asbestos was observed during inspection.



Photo 1 – Signal Hut adjacent the Goulburn Street Level Crossing Tarago



Photo 2 – Foam filled sheet metal panels from wall and roof

No sampling was completed. The advice regarding waste classification is based on visual observations only.

3. WASTE CLASSIFICATION

Waste is classified in the *NSW EPA Waste Classification Guidelines (2014)* following a five step process which assess pre-classification followed by chemical classification of the waste. A review against each of the waste classification steps for the signal hut waste is outlined in **Table 1**. Once a waste’s classification has been established under a particular pre-classification below, there is no need to go to the next classification. The waste has that classification and must be managed accordingly.

Table 1 Waste Classification

Waste Classification Steps	Assessment
Step 1: Is the waste special waste?	No, the waste does not meet the criteria of special waste.
Step 2: Is the waste liquid waste?	No, the waste comprises construction materials.
Step 3: Is the waste pre-classified?	Yes, the waste is preclassified as construction and demolition waste as being waste derived from 'the construction, replacement, repair or alteration of infrastructure development such as roads, tunnels, sewage, water, electricity, telecommunications and airports'.
Step 4: Does the waste possess hazardous characteristics?	No, the waste does not meet the characteristics of pre-classified hazardous waste.
Step 5: Determining a waste’s classification using chemical assessment.	Chemical assessment is not considered necessary.
Waste Classification	General Solid Waste

Based on pre-classification the signal hut construction materials are classified as general solid waste and can be disposed of to an off-site facility licenced to receive this waste type.

4. LIMITATIONS

This document is issued in confidence to John Holland Rail for the purposes of waste classification in accordance with NSW Waste Guidelines (EPA, 2014).

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5. REFERENCES

NSW Environment Protection Authority (EPA) 2014 *Waste Classification Guidelines, Part 1: Classifying waste*