



# **ABERMULE RECYCLING BULKING FACILITY**

# **ASBESTOS MANAGEMENT PLAN**

**REV: 0**

**7<sup>TH</sup> NOVEMBER 2019**

## **1 INTRODUCTION**

### **1.1 Commission**

#### **1.1.1**

In October 2019, Jones Bros Civil Engineering were commissioned by Powys county council (PCC), to provide an Asbestos Management Plan (AMP) for the excavation of spoil heaps with identified asbestos within the vicinity, on the site of the new Abermule recycling facility.

#### **1.1.2**

The following AMP includes details of information relating to regulatory compliance for the management of asbestos containing made ground and soils at the site.

#### **1.1.3**

This AMP relates specifically to the spoil heaps adjacent to the old Newtown, Welshpool road where the new recycling facility will be constructed/landscaped.

#### **1.1.4**

The project comprises of constructing a recycling bulking facility including bulking building, welfare building, yard area with wash down and storage slabs and all associated drainage, soakaways and utilities. In addition to this we will be forming a temporary compound area which will involve topsoil stripping and installing a capping layer on the neighboring business park area.

#### **1.1.5**

This AMP relates categorically to asbestos contamination of this area at the site and should be used to support any other remediation works and specifications that may have been produced to cover general requirements for the site, as required by current planning legislation and processes. It does not assess the suitability for use or other regulatory considerations such as waste legislation.

#### **1.1.6**

All ground works where asbestos has been identified should be carried out in accordance with the Control of Asbestos Regulations 2012 (CAR 2012), with further reference to current guidance and guides including but not limited to:

- Control of Asbestos Regulations 2012 – Interpretation for Managing and Working with Asbestos in Soil and Construction and Demolition Materials. Industry guidance, commonly known as CAR-SOIL (CL:AIRE & JIWG, 2016).
- Asbestos in soil and made ground: a guide to understanding and managing risks.
- Asbestos in soil and made ground good practice site guide.

### **1.3 Involved Parties**

JONES BROS RUTHIN (CIVIL ENGINEERING)

Powys County Council (PCC)

### 1.3.1

A summary of the parties that will be involved with the works shown below.

#### **Involved Parties**

**Client:** Powys County Council

County Hall, Llandrindod Wells, Powys LD1 5LG

**Contact:** Mr Ashley Collins

**Tel:** 01597 826974

#### **Service Manager for Highway Works**

Head of Highways, Transport & Recycling, Powys County Hall, Spa Road East, Llandrindod Wells LD1 5LG

**Contact:** Mr A Jervis

**Tel:** 01597 826659

**Project Manager:** Central Wales Infrastructure Collaboration – Engineering Design Services (CWIC EDS), County Hall, Llandrindod Wells, Powys, LD1 5LG

**Contact:** Mr S Kendrick - Project Manager

**Tel:** 01597 826469

**Principal Designer:** Central Wales Infrastructure Collaboration – Engineering Design Services (CWIC EDS) County Hall, Llandrindod Wells, Powys, LD1 5LG

**Contact:** Mr S Kendrick - Project Manager

**Tel:** 01597 826469

**Principal Contractor:** Jones Bros Civ Eng, Ty Glyn, Canol Y Dre, Ruthin, Denbighshire, LL15 – 1QW

#### **Local HSE Office**

Health & Safety Executive, Government Buildings, Phase 1, Ty Glas, Cardiff CF14 5SH

#### **Network Rail Emergency Contact**

24-hour helpline

**Tel:** 03457 11 41 41

#### **British Transport Police:**

**Tel:** 0800 40 50 40

#### **Specialist asbestos contractors**

To be appointed by Principal contractor in due course.

## **2 REVIEW OF AVAILABLE INFORMATION**

### **2.1 Site History**

Until recently the site has been used for agricultural grazing which ceased in late 2018 in order to comply with the environmental licensing procedure. Since then it has been left empty but maintained in accordance with the licensing guidelines.

## **3 WORKS**

### **3.1**

#### **On-Site Works**

##### **3.1.2**

Given the known presence of asbestos, all works within this must be undertaken with due consideration to fiber release. CAR 2012 requires the Principal Contractor i.e. Jones Bros Ltd. to provide the following:

- A plan of work/ RAMS prior to the work commencing completed by a competent person(s);
- Controls;
- Training;
- Emergency procedures; and
- RPE/PPE requirements.

##### **3.1.3**

All asbestos works must be managed in accordance with these procedures. This AMP has been produced to support Jones Bros Ltd, in fulfilling their requirements.

##### **3.1.4**

It is important that all parties working at the site have undergone the necessary training. All workers on site should have asbestos awareness training prior to the commencement of works. Those workers who will be working with the material will have Notifiable Non-Licensable Work (NNLW) training.

##### **3.1.5**

Should any works be determined to be licensable then only licensed asbestos contractors who have specialized training will be contacted to attend site to carry out the works.

##### **3.1.6**

*Abermule Business Park Development Recycling Bulking Facility – Site Clearance Plan 1 of 3 Main Site Drawing, shows the locations where asbestos is known to be located on site. Asbestos cement debris are present in two spoil heaps located to the North of the old Newtown to Welshpool Road, as well as a buried asbestos board within the Recycling Facility's footprint. From the ARCADIS Abermule geo-environmental and Geo-technical report that has been carried out on site, Eight samples of made ground and 28 samples*

*of natural soils were screened for asbestos, there were no positive results found in any of the ground samples.*

*During ecological works undertaken at the site (the erection of the new fencing), the ecological contractor encountered suspected pieces of ACM (Asbestos Containing Material). A further area of stockpiled material was also identified.*

*Consequently 4 samples were obtained from suspect material and were analyzed for the presence of Asbestos.*

Of the 4 samples, 3 positive detections were made and are detailed below;

- Sample ID: 180032 (Debris in soil under fencing line) – Chrysotile/Amosite Board.
- Sample ID: 180041 (Debris in spoil heap) – Chrysotile Cement.
- Sample ID: 180042 (Debris in spoil heap) – Cement – No asbestos detected.
- Sample ID: 180043 (Debris in Spoil heap) – Chrysotile Cement.

Two Material Risk Assessment Reports have also been provided to Arcadis for review for samples 180041 & 180043. The material in both cases was classified as Low Risk within the Material Risk Assessment.

Other general spoil heaps and rubble are located around the location of the old road and within close vicinity to the Asbestos Cement debris. Testing carried out on these spoil heaps provided a negative result for asbestos. It is however deemed that there is a residual risk of possible asbestos debris within these spoil heaps.

### **3.1.7**

The spoil heaps that have been identified to contain asbestos, will be excavated under the supervision of a specialist asbestos contractor (TBC), the asbestos will be removed from site to a licensed facility and disposed of accordingly.

### **3.1.8**

Under the watching brief of the Jones Bros environmental team, the spoil heaps that have been declared free of asbestos but carry a residual risk of containing asbestos debris will be excavated/broken with the bucket of a tracked vehicle, each bucket of soil will be visually inspected for signs of asbestos.

The training and competence certificates of the Jones Bros Environmental team who will supervise the watching brief are attached to this document.

### **3.1.9**

Should these spoil heaps be found to contain any asbestos, the works will be halted, with specialist contractors called in to supervise the remaining excavations.

### **3.1.10**

Once the spoil has been cleared of containing asbestos the soil will be removed from site as inert soil waste, to a licensed/permited facility.

### **3.1.11**

The buried asbestos board that has been discovered on site during the initial ecological works, will be removed from site by the specialist asbestos sub contractor when they are appointed.

## **3.2 Site Records for Site Health and Safety File**

### **3.2.1**

The following documentation should be included within the site health and safety file during the site works:

- The Jones Bros AMP
- Air Monitoring (PCM Phase Contrast Microscopy) dates if undertaken;
- The Jones Bros Ltd. Plan of Work/RAMs
- Registers of all people on site;
- Training certificates of all those on site;
- Induction documentation;
- RPE/PPE regulations for site; and
- Toolbox talks documentation.

## **3.3 Air monitoring**

It has been concluded that due to the ACM's on site being low risk and the materials being non-fibrous air quality monitoring on site will not be required. The ACM's on site are set in concrete and as the materials will be removed from site in their current condition and not processed in anyway the release of fiber materials is low risk.

Under the watching brief, the stock piles of materials will be sprayed with water to prevent any potential materials entering the atmosphere, this process will continue throughout the watching brief, should any further asbestos be found as mentioned in section 3.1.9, the work will cease with specialist contractors contacted to attend site and remove the materials.

## **3.4 Future Works**

### **3.4.1**

Any contractors establishing future works involving movement of the material stockpile should be provided with the site health and safety file containing the records outlined above.

## **4 STRATEGY FOR COMPLIANCE WITH CAR REGS 2012**

### **4.1 Control of Asbestos Regulations 2012**

#### **4.1.1**

The following information details the requirement of the Asbestos Management Plan (AMP) in order to comply with the CAR regulations. This strategy is in place in order to minimize the risk to human health and prevent the spread of asbestos.

#### **4.1.2**

Before any works are undertaken within sites where there is a risk of potential asbestos exposure it is important that all parties involved undertake a risk assessment. It is the responsibility of each employer to compose their own risk assessments, however the information within this document is likely to support individual risk assessments.

**Appendix A –  
Certificates of Training – NLW and NNLW**



# Certificate of Training

THIS IS TO CERTIFY THAT

Sam Higgitt

OF

Jones Brothers Civil Engineering UK

Successfully Completed

Non-licensable work (NLW) with asbestos including Notifiable  
non-licensable work (NNLW)

THE PERSON NAMED ABOVE HAS DEMONSTRATED A GOOD  
UNDERSTANDING OF THE THEORETICAL AND PRACTICAL KNOWLEDGE  
AND HAS BEEN ASSESSED IN THE ELEMENTS IDENTIFIED OVERLEAF

Course Instructor: Ian Durber

Date: 25/06/2019

APPOINTING AUTHORITY

Certificate No: NLW/NNLW/033

Expiry Date: 24/06/2020

Element	Title	Successfully completed
1.	Legal requirements – Control of Asbestos Regulations 2012. Regs. 3, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22.	Yes
2.	The operations which could result in asbestos exposure and the importance of preventive controls to minimise exposure.	Yes
3.	How to make suitable and sufficient assessments of the risk of exposure to asbestos.	Yes
4.	The control limit, and the purpose of air monitoring.	Yes
5.	Safe work practices, control measures, and protective equipment. Including an explanation of how the correct use and maintenance of control measures, protective equipment and work methods can reduce the risks from asbestos, limit exposure to workers and limit the spread of asbestos fibres outside the work area.	Yes
6.	Procedures for recording, reporting and correcting defects.	Yes
7.	The purpose, appropriate choice and correct selection from a range of suitable RPE, including any limitations.	Yes
8.	The correct use, and where relevant, cleaning, maintenance and safe storage of RPE and PPE, in accordance with the manufacturer's instructions and information.	Yes
9.	The importance of achieving and maintaining a good seal between face and RPE, the relevance of pre-use tests and FFTs, and the importance of being clean-shaven.	Yes
10.	Hygiene requirements.	Yes
11.	Requirements and procedures for medical examination, for>NNLW.	Yes
12.	Decontamination procedures.	Yes
13.	Waste handling procedures.	Yes
14.	Emergency procedures, including how to deal with an emergency release.	Yes
15.	Which work requires notification as>NNLW and which work requires an HSE licence.	Yes
16.	An introduction to the relevant regulations, ACOPs and guidance that apply to asbestos work and other regulations that deal with the carriage and disposal of asbestos.	Yes
17.	Other work hazards, including working at height, electrical, slips, trips and falls, where this is applicable to the work being done.	Yes
18.	Non-licensable work (NLW) with asbestos including Notifiable non-licensable work (NNLW) End Assessment – Multiple Choice, 20 questions.	Yes. 19/20 = 95%



# Certificate of Training

THIS IS TO CERTIFY THAT

Nathan Owen

OF

Jones Brothers Civil Engineering UK

Successfully Completed

Non-licensable work (NLW) with asbestos including Notifiable  
non-licensable work (NNLW)

THE PERSON NAMED ABOVE HAS DEMONSTRATED A GOOD  
UNDERSTANDING OF THE THEORETICAL AND PRACTICAL KNOWLEDGE  
AND HAS BEEN ASSESSED IN THE ELEMENTS IDENTIFIED OVERLEAF

Course Instructor: Ian Durber

Date: 25/06/2019

APPOINTING AUTHORITY

Certificate No: NLW/NNLW/034

Expiry Date: 24/06/2020

Element	Title	Successfully completed
1.	Legal requirements – Control of Asbestos Regulations 2012. Regs. 3, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22.	Yes
2.	The operations which could result in asbestos exposure and the importance of preventive controls to minimise exposure.	Yes
3.	How to make suitable and sufficient assessments of the risk of exposure to asbestos.	Yes
4.	The control limit, and the purpose of air monitoring.	Yes
5.	Safe work practices, control measures, and protective equipment. Including an explanation of how the correct use and maintenance of control measures, protective equipment and work methods can reduce the risks from asbestos, limit exposure to workers and limit the spread of asbestos fibres outside the work area.	Yes
6.	Procedures for recording, reporting and correcting defects.	Yes
7.	The purpose, appropriate choice and correct selection from a range of suitable RPE, including any limitations.	Yes
8.	The correct use, and where relevant, cleaning, maintenance and safe storage of RPE and PPE, in accordance with the manufacturer's instructions and information.	Yes
9.	The importance of achieving and maintaining a good seal between face and RPE, the relevance of pre-use tests and FFTs, and the importance of being clean-shaven.	Yes
10.	Hygiene requirements.	Yes
11.	Requirements and procedures for medical examination, for>NNLW.	Yes
12.	Decontamination procedures.	Yes
13.	Waste handling procedures.	Yes
14.	Emergency procedures, including how to deal with an emergency release.	Yes
15.	Which work requires notification as>NNLW and which work requires an HSE licence.	Yes
16.	An introduction to the relevant regulations, ACOPs and guidance that apply to asbestos work and other regulations that deal with the carriage and disposal of asbestos.	Yes
17.	Other work hazards, including working at height, electrical, slips, trips and falls, where this is applicable to the work being done.	Yes
18.	Non-licensable work (NLW) with asbestos including Notifiable non-licensable work (>NNLW) End Assessment – Multiple Choice, 20 questions.	Yes. 16/20 = 80%