



Hoover Site Merthyr Tydfil - Site Waste Management Plan

Quality control

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1.0 Introduction

1.1. Terms of reference

- 1.1.1. The Former Hoover Works Site scheme in Merthyr Tydfil aims to create a new residential development supported by a community hub and employment development area. A minimum of 1.79 ha is allocated to green infrastructure and open spaces and indicative areas for play, heritage interpretation and SuDS attenuation features.
- 1.1.2. Walters UK Limited has been engaged by Walters Land (the “Employer”) to carry out remediation works and Section 278 infrastructure works at the proposed development.

1.2. Project details

Contract name:	Hoover Site Merthyr Tydfil, Enabling Works
Contract No.	TBC
Site Location:	Merthyr Road Pentrebach Merthyr Tydfil CF48 4TU
Principal Contractor:	Walters UK Ltd.
Client:	Walters Land
Project Manager:	Andrew Pope
Person Drafting the Plan:	Andrew Pope
Designation of the Person Drafting the Plan:	Project Manager
Project duration:	60 weeks
Contract start:	Summer 2026
Contract finish:	TBC
Contract type:	TBC
Estimated value of project:	TBC

1.3. Description of the Works

- 1.3.1. The site is located on the west of Merthyr Road, the site centre coordinates being 305701mE; 204213mN and the nearest postcode being CF48 4TU. It covers an area of approximately 13.66ha and is the former Hoover manufacturing plant opened in 1948 with production finishing in 2009 after which it was primarily used as a warehouse and distribution centre.

1.4. Nature of the project

- 1.4.1. The proposed development is expected to include approximately 440 residential properties, typically

2 to 3 storeys. The brownfield site needs to be geo-environmentally and geo-technically remediated prior to the commencement of infrastructure and building construction works on site.

1.4.2. The enabling works will broadly consist of the following works:

- ➔ Ecological mitigation works;
- ➔ Site clearance;
- ➔ Treat Japanese knotweed, and any other invasive plant species;
- ➔ Strip topsoil & stockpile for re-use;
- ➔ Demolition of existing buildings;
- ➔ Strip bituminous surfacing & stockpile;
- ➔ Break up concrete slabs and foundations to min depth of 2m, process for reuse as general fill;
- ➔ Excavate made ground to max depth of 2m and re-compact to earthworks profile;
- ➔ Bio-remediate contaminated soils for re-use on site as necessary;
- ➔ Treat contaminated groundwater as necessary;
- ➔ Dispose off site of any contamination, which after treatment exceeds the Site Specific Acceptance Criteria, as necessary;
- ➔ Soil validation testing; and
- ➔ Groundwater validation testing.

2.0 Site Rules

2.1.1. The following provides the Site Rules, to be communicated to all contractors working on the site, that promote compliance with the Site Waste Management Plan:

2.1.2. General Rules

- ➔ Waste must not be buried, burned or dumped.
- ➔ Waste must be separated into the correct categories and disposed of in the proper manner.
- ➔ Waste should be stored in suitable containers, when appropriate, to protect it from escaping (e.g. by wind blowing). The container must be marked with a sign which indicates its particular contents.
- ➔ Waste should be stored such that it is safe against corrosion or wear of waste containers, accidental spilling or leaking, accident or weather breaking contained waste open and allowing it to escape, waste blowing away or falling while stored or transported, scavenging of waste by vandals, thieves, animals etc.
- ➔ Different categories of waste should be segregated to prevent mixing of incompatible wastes. Site employees should be aware of the location of tanks, receptacles etc designated for the storage of the various wastes. Waste tanks should be on concrete bases and bunded to prevent the egress of waste oil etc into the ground.
- ➔ All containers left outside for collection should be secured or sealed to resist the effects of the weather.
- ➔ Ensure that waste products are deposited in the designated receptacles and that the receptacles are not overloaded.
- ➔ Do not burn waste on site or in skips.

3.0 Site Security

- 3.1.1. The following provides details of site security measures required to be in place to prevent the illegal disposal of waste.
- 3.1.2. In the daytime, security will be provided by a gateman or site staff who will control access to the site, with all visitors having to report to the site office and sign in. Everyone leaving site will have to report to the office and sign out. This will include a check as to whether the vehicle needs to be cleaned before using the public highway. Outside working hours, the site access will be locked and site security will be provided based in the offices and compound area.
- 3.1.3. CCTV monitoring system will be established in the compound, including areas of waste storage pending disposal. If necessary, CCTV will also be installed elsewhere on site. All plant will be brought back to the compound at the end of every day.

4.0 Waste management

4.1. Estimated Quantities of Waste

4.1.1. The following table summarises the planned volumes of waste of be generated, and its intended destination:

Table 4-1

DESCRIPTION OF EACH WASTE TYPE	ESTIMATE D QUANTITY (TONNES)	WASTE MANAGEMENT ACTION			
		RE-USING (TONNES)	RE-CYCLING (TONNES)	RECOVER Y (TONNES)	DISPOS AL (TONNES)
STEEL	2500		2500		
WOOD	100	-	100	-	-
CONTAMINATED SOILS	4,000	4,000	-	-	-
ASBESTOS	350				350
GENERAL WASTE	300	-	250	-	50
CONCRETE	46,700	46,700			
ASPHALT	4,800	4,800	-	-	-
JAPANESE KNOTWEED STANDS		-	-	-	

*See notes on opportunities for re-cycling, Section 4.2.6 below.

4.2. Reduce, re-use, recycle

4.2.1. The site will be managed using the waste hierarchy of reduce, re-use, recycle. These three considerations are applied sequentially in all design and implementation actions in order to maximise the sustainability of the project.

4.2.2. Reduce

4.2.3. Generation of waste creates impacts, both environmental and economic. Measures are therefore in place to minimise the generation of surplus materials on site that may become waste. The levels at completion of the enabling works (remediation levels) have been designed to provide a cut fill balance so no surplus materials are removed from site.

4.2.4. Re-use

4.2.5. The re-use of materials on the site maximises the sustainability of the project and has positive impacts on project economics. Examples of the use of the re-use principle on the site comprise:

- ➔ All materials onsite are expected to be reused on site, with appropriate remediation as necessary.
- ➔ Re-use of soils impacted by invasive species within the landscaping of the site, in combination with suitable chemical treatment and eradication.
- ➔ Re-use of wood and organic matter arising from vegetation clearance in the creation of hibernacula, where possible.
- ➔ Re-use of all topsoil on site, including targeted re-use of topsoil, and the seedbank therein, in the landscaping of the attenuation ponds.
- ➔ Re-use of all asphalt arising from site within the road construction works, pending laboratory assessment as to its suitability.

4.2.6. Recycle

4.2.7. All wood will be recycled. It is the aim that all general waste will also be recycled, but it is recognised that approximately 25% may be unsuitable and may require disposal.

4.3. Waste segregation and handling

4.3.1. Materials arising from the works will be segregated at the point of generation, to minimise the generation of waste and to minimise the potential for accidental mixing of wastes. The main waste streams are considered likely to be those as set out in Table 4-1 above. Any additional waste materials shall be segregated according to its type and disposed of off-site for re-use or recycling.

5.0 Declaration

5.1.1. The person in charge of the project and the principal contractor will take all reasonable steps to ensure that:

- ➔ all waste from the site is dealt with in accordance with the waste duty of care in Section 34 of the Environmental Protection Act 1990 and the Environmental Protection (Duty of Care) Regulations 1991 and materials will be handled efficiently and waste managed appropriately.

Signature of Project Manager.....

Date.....

Signature of Principal Contractor.....

Date.....

