

# HARCOURT FIBER RECYCLING FACILITY

**Environmental Permit Application**

**Site Condition Report**

Prepared for: OSO Fiber UK Limited

SLR Ref: 416.11821.00001  
Version No: Final v1  
September 2021



## BASIS OF REPORT

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## 1.0 Introduction

SLR Consulting Limited (SLR) has been commissioned by OSO Fiber UK Limited (OSO) to prepare a Site Condition Report (SCR) in support of the Environmental Permit (EP) application for the Fiber Recycling Facility, in Halesfield.

This SCR aims to record and describe the condition of the land at the site prior to the commencement of any operations. The SCR will capture the conditions of the site at the start of the EP with particular attention paid to contamination levels in the underlying and surrounding soil and groundwater.

This will provide a point of reference and baseline environmental data so that when the EP is surrendered it can be demonstrated that there has been no deterioration in the condition of the land as a result of the proposed operations and ensure that the condition of the land is in a 'satisfactory state' on surrender of the EP.

The location of the site is illustrated in Drawing 001, the environmental permit boundary on Drawing 002, the environmental site setting on Drawing 003 and the site layout on Drawing 004.

Sections 1 to 3 of the EA's SCR template have been completed within this document and comprise the following aspects:

- Site details;
- Condition of the land at permit issue;
  - Geology;
  - Hydrology;
  - Hydrogeology;
  - Pollution history; and
  - Evidence of historic contamination.
- Permitted activities.

Sections 4 to 7 of the SCR template will be maintained during the life of the permit and Sections 8 to 10 will be completed and submitted in support of the application to surrender the EP.

## 2.0 Site Condition Report H5 Template

1.0 Site Details	
Name of the applicant	OSO Fiber UK Limited
Activity address	Fiber Recycling Facility, Halesfield 15, Halesfield Industrial Estate, Telford, TF7 4LE
National grid reference	SJ 71143 04637
Document reference and dates for Site Condition Report at permit application and surrender	Application Site Condition Report (reference: 416.11821.00001/SCR), September 2021
Document references for site plans (including location and boundaries)	<ul style="list-style-type: none"><li>• Drawing 001 Site Location Plan</li><li>• Drawing 002 Environmental Permit Boundary and Site Layout</li><li>• Drawing 003 Environmental Site Setting</li><li>• Drawing 004 Detailed Site Layout, Fire Prevention and Management Plan</li></ul>

### Note:

In Part A of the application form you must give us details of the site's location and provide us with a site plan. We need a detailed site plan (or plans) showing:

- Site location, the area covered by the site condition report, and the location and nature of the activities and/or waste facilities on the site.
- Locations of receptors, sources of emissions/releases, and monitoring points.
- Site drainage.
- Site surfacing.

If this information is not shown on the site plan required by Part A of the application form then you should submit the additional plan or plans with this site condition report.

## 2.0 Condition of the Land at Permit Issue

<p>Environmental setting including:</p> <ul style="list-style-type: none"> <li>• geology</li> <li>• hydrogeology</li> <li>• surface waters</li> </ul>	<p><b>Geology</b></p> <p>A review of the British Geological Survey (BGS)<sup>1</sup> map shows that the site overlies bedrock of Enville Member and a superficial deposit layer of Till, Devensian - Diamicton.</p> <p><b>Hydrogeology</b></p> <p><b>I. Aquifers</b></p> <p>The bedrockstrata is classified as Secondary A aquifer and superficial deposit layer is classified as Secondary undifferentiated aquifers.</p> <p><b>II. Groundwater Vulnerability</b></p> <p>The Multi Agency Geographical Information for the Countryside (MAGIC) map<sup>2</sup> reveals that the site lies within a groundwater vulnerability zone classified as Medium – Low.</p> <p><b>III. Source Protection Zone</b></p> <p>The site does not lie within a Source Protection Zone (SPZ).</p> <p><b>Hydrology</b></p> <p>Several surface water drains can be found within 500m of the Site's boundary. The closest of these lies approximately 60m north of the Site.</p> <p>The River Severn lies approximately 2.5km southwest of the site's boundary.</p> <p>2 private lakes are located approximately 1km north and 1.48km north west of the site's boundary.</p> <p>The site lies within a Flood Zone 1<sup>3</sup> which means that there is a low possibility of flooding.</p>
<p>Pollution history including:</p> <ul style="list-style-type: none"> <li>• pollution incidents that may have affected land</li> <li>• historical land-uses and associated contaminants</li> <li>• any visual/olfactory evidence of existing contamination</li> <li>• evidence of damage to pollution prevention measures</li> </ul>	<p>The history of the land and surrounding area has been determined by reviewing the Envirocheck Report included in Appendix 01 and Google Earth Pro.</p> <p><b>Pollution History on Site</b></p> <p>There are no recorded pollution incidents on Site.</p> <p><b>Pollution History off Site</b></p> <p><b>Integrated Pollution Controls</b></p> <ul style="list-style-type: none"> <li>• Inergy Automotive Systems UK Ltd was located 400m from the site. The authorisation was superseded by a substantial or non-substantial variation and then was later revoked in 2000.</li> </ul>

<sup>1</sup>British Geological Survey Map [www.bgs.ac.uk](http://www.bgs.ac.uk), accessed in May 2021

<sup>2</sup>Multi Agency Geographical Information for the Countryside (MAGIC) map [www.magic.gov.uk](http://www.magic.gov.uk), accessed in May 2021

<sup>3</sup>Flood Map for Planning <https://flood-map-for-planning.service.gov.uk/>, accessed in May 2021

	<p><b>Integrated Pollution Prevention and Control</b></p> <ul style="list-style-type: none"> <li>There are 3 sites within 1km regulated as Integrated Pollution Prevention and Control sites: <ul style="list-style-type: none"> <li>AO Recycling Limited – 66m south</li> <li>The Recycling Group Ltd – 66m south</li> <li>Inergy Automotive Systems Limited – 237m north east</li> </ul> </li> </ul> <p><b>Local Authority Pollution Prevention and Controls</b></p> <p>There are 40 sites within 1km of the site's boundary that have been, or are now, regulated under a local authority Pollution Prevention and Controls permit. 20 of which currently still hold a permit with 14 having been revoked. The remaining 6 sites were withdrawn, not yet authorised or transferred.</p> <p><b>Pollution Incidents to Controlled Waters</b></p> <p>There have been 12 pollution incidents to controlled waters during 1995 to 1999. The incident severity of all incidents can be categorised as Category 3 Incidents – Minor Incident.</p> <p>The closest incident to Site occurred 377m north. It consisted of a category 3 minor incident in October 1995.</p> <p>It should be noted, that the last pollution incident occurred over 20 years ago and was not related to the operations on site. There have been no recorded incidents in the last 20 years.</p> <p><b>Prosecutions Relating to Authorised Processes</b></p> <p>There has been 1 prosecution relating to an incident 325m north of the site's boundary. The prosecutions hearing occurred in September 2006.</p> <p><b>Registered Radioactive Substances</b></p> <p>There are no sites within 1km that are authorised to dispose of radioactive waste.</p> <p><b>Substantiated Pollution Incident Register</b></p> <p>There are 4 recorded entries on the Substantiated Pollution Incident Register as shown below:</p> <ul style="list-style-type: none"> <li>Incident Ref: 488879 – in April 2007, contaminated firefighting run-off led to a Category 1, major impact to water. The incident occurred 463m south east of the site;</li> <li>Incident Ref: 1291151 – in November 2014, a release of pesticides and biocides led to a Category 2, significant impact to water. The incident occurred 543m north of the site;</li> <li>Incident Ref: 196808 – in October 2003, a release of mixed and waste oils led to a Category 1, major impact to water. The incident occurred 559m north east of the site; and</li> <li>Incident Ref: 1631123 – in July 2018, a release of solvent based chemicals led to a Category 3 minor impact to water and a Category 2 significant impact to land. The incident occurred 882m north east of the site.</li> </ul> <p>There have been no Substantiated Pollution incidents reported on site.</p>
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	<p><b>Landfills</b></p> <p>The Envirocheck Report illustrates that there are no recorded historical landfills located within the site boundary.</p> <p>There are no active BGS recorded landfill site located within 1km of the site.</p> <p>There are 4 historic landfills located within 1km of the site's boundary. They range in distance from 689m to 987m. The oldest landfill first received waste in 1960 and the newest first received waste in 1965. All landfills took a range of wastes including household waste and unknown material.</p> <p><b>Waste Management Activities</b></p> <p>There have been no recorded waste management activities carried out within the confines of the site boundary.</p> <p>There are 10 licensed waste management facilities within 1km of the site's boundary ranging in distance from 45m to 890m. Two of the sites have been surrendered.</p> <p><b>Historical Land Use</b></p> <p><b>On Site</b></p> <p>The site remained largely undeveloped and comprised of agriculture areas until approximately 1973 when Halesfield Industrial Estate extended to within the site boundary. Buildings began to be constructed on site between 1977 1982 and by 1993, all buildings currently on site had been erected and the site has remained largely unchanged since then.</p> <p><b>Off Site</b></p> <p>From the earliest available historic maps (1888) the surrounding land was largely agriculture with sporadic farms.</p> <p><b>1973</b></p> <p>The Halesfield Industrial Estate was established to the north, east and south of the site, including an Engineering Works to the east.</p> <p><b>1974 - 1975</b></p> <p>The Yarn Spinning Works extended its operations south wards. A Garage was built to the north of the site, with an additional Engineering Works to the north. A Plastic Works was constructed to the south of the site.</p> <p>The land 200m to the south west of the site was developed further into industrial units.</p> <p><b>1977 – 1982</b></p> <p>The Engineering Works to the east expanded towards the site boundary.</p> <p><b>2001</b></p> <p>The site and the surrounding area have remained relatively unchanged since 2001.</p>
Evidence of historic contamination, for example, historical site investigation, assessment, remediation and verification reports (where available)	N/A



Baseline soil and groundwater reference data	N/A
<b>Supporting information</b>	<ul style="list-style-type: none"> <li>Appendix 01: Envirocheck Report</li> </ul>

3.0 Permitted Activities	
Permitted activities	<ul style="list-style-type: none"> <li><b>R3:</b> Recycling/reclamation of organic substances which are not used as solvents;</li> <li><b>R13:</b> Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced.</li> </ul>
Non-permitted activities undertaken	There are no non-permitted activities undertaken on site.
Document references for: <ul style="list-style-type: none"> <li>plan showing activity layout; and</li> <li>environmental risk assessment.</li> </ul>	<ul style="list-style-type: none"> <li>Drawing 001 Site Location Plan</li> <li>Drawing 002 Environmental Permit Boundary and Site Layout</li> <li>Drawing 003 Environmental Site Setting</li> <li>Drawing 004 Detailed Site Layout, Fire Prevention and Management Plan</li> <li>Environmental Risk Assessment (reference: 416.11821.00001/ERA)</li> </ul>

**Note:**

In Part B of the application form you must tell us about the activities that you will undertake at the site. You must also give us an environmental risk assessment. This risk assessment must be based on our guidance (*Environmental Risk Assessment - EPR H1*) or use an equivalent approach.

It is essential that you identify in your environmental risk assessment all the substances used and produced that could pollute the soil or groundwater if there were an accident, or if measures to protect land fail.

These include substances that would be classified as 'dangerous' under the Control of Major Accident Hazards (COMAH) regulations and also raw materials, fuels, intermediates, products, wastes and effluents.

If your submitted environmental risk assessment does not adequately address the risks to soil and groundwater we may need to request further information from you or even refuse your permit application.

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