FIRE PREVENTION PLAN

Scarth Road, Sowerby Woods Business Park, Barrow-in-Furness LA14 4QR

Wicks Services Ltd

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Site Information & Contacts List

Site Address:	Scarth Road, Sowerby Woods Business Park, Barrow-in-Furness		
Postcode:	LA14 4QR	**National Grid Ref:**	SD 20014 73438

CONTACT	Description	Office Hours	Out of Hours
Andy Orr	Site Manager & TCM	01229 432114	
Furness General Hospital Dalton Lane, Barrow-in-Furness LA14 4LF	Local NHS Hospital (Main)	01229 870870	999
	Accident & Emergency (A&E)	999, 112 or 111	999
	NHS Direct	0845 4647	
Burnett Edgar Medical Centre Central Drive, Barrow-in-Furness LA14 3HY	Local Doctor Surgery (GP)	01229 474526	999
Cumbria Constabulary Carleton Hall, 1-2, Carleton Av, Penrith CA10 2AU	Local Police Non-Emergency	0300 124 0111 or 101	999
	Police Emergency	999	999
Cumbria Fire & Rescue (HQ) Carleton Avenue, Penrith CA10 2FA	Fire and Rescue Service (in Emergency Dial 999)	01768 812612	999
Environment Agency Ghyll Mount, Gillan Way, Penrith 40 Business Park Penrith, Cumbria, CA11 9BP	Environmental Regulator	03708 506 506	0800 80 70 60
Cumbria County Council St George's Rd, Millom LA18 5BA	Environmental Health Dept.	01229 773246	999
United Utilities (Nearest Office) 1 The Crook, Ulpha, Broughton-in-Furness LA20 6DZ	Local Water Supplier / Sewerage Provider	0345 672 3723	0345 672 3723
Oaktree Environmental Ltd Lime House, 2 Road Two, Winsford, Cheshire, CW7 3QZ	Specialist Advisor (Waste and Planning Issues)	01606 558833	

1 INTRODUCTION

1.1 General

1.1.1 This Fire Prevention Plan (FPP) considers and aims to minimise the risks associated with fire on site which is located at Scarth Road, Sowerby Woods Business Park, Barrow-in-Furness LA14 4QR. The site will be operated by Wicks Services Ltd. In addition to this document the site will have an Environmental Management System (EMS) as required as part of the stipulations of the SR2015No17 Environmental Permit (EP), regulated by the Environment Agency (EA).

1.1.2 This FPP details the measures which will be put in place with regards site design, infrastructure and management to ensure the waste operations will be carried out with paramount consideration to the risk of fire. All necessary prevention measures and procedures will be strictly implemented and followed through essential training and inspection regimes as detailed in this document, the Fire Contingency Response and Environmental Incident Plan and in the site's EMS.

1.1.3 All key staff should be provided with a copy of this Fire Prevention Plan (FPP) and/or be aware of where it is located on site.

1.2 Site operations

1.2.1 In summary, operations which take place at the site involve:

a) The importation of End-of-Life Vehicles (ELVs) for depollution and remove all potentially hazardous components; and,
b) Removal of the ELVs to a suitably permitted facility for further recycling.

1.2.2 No dismantling of ELVs will take place at the site.

1.3 Site description

1.3.1 The site comprises of a sealed concreted area for the storage of undepolluted ELVs and a steel portal framed and steel cladding covered structure for depolluting ELVs and storage of fluids/liquid tanks, batteries and any other potentially contaminated components arising from the depollution/dismantling of ELVs.

1.4 Site security

1.4.1 The site is part of a larger site and benefits from a wider security measures which include a mixture of security fencing and gates. There is a dedicated security office to the west of the site which overlooks the site where operatives are 24 hour patrolling.

1.4.2 The site benefits from site-wide 24 hour CCTV coverage with on and off-site supervision. CCTV can be remotely accessed by the site manager and TCM site to detect any flames or smoke.

1.4.3 The site will be manned by at least one employees during normal operating hours including waste/plant operatives, administrative and managerial staff, plus any visiting drivers.

1.5 Staffing and management

1.5.1 The list below details the staff structure of the site when operating at full capacity. Positions in bold italic print below are the minimum staff requirements when the site is open for the reception of waste:

POSITION	EMPLOYEES	RESPONSIBILITIES
Site manager	1 (1)	Overseeing all activities which take place at the site
Operative	1 (1)	Assisting with activities which take place at the site

1.6 Plant and equipment

1.6.1 The table below details the plant/equipment on site. Only trained operators will be permitted to drive/operate the plant/equipment listed below.

ITEM	NUMBER	FUNCTION
Depollution Rig	1	Depolluting ELVs
Forklift truck (Diesel)	1	Manoeuvring of ELVs on site

1.7 Potentially combustible materials on site

1.7.1 The following list outlines the materials which have been identified on site as having combustible potential along with the maximum quantity of these materials stored on site at any given time. The below materials, storage quantities and containment for each are shown on the Stockpile Detail Table in the Annex:

a) Depolluted and undepolluted ELVs
b) Drained Fluids / Oil, Fuel Tanks
c) Rejected / reactive waste (non-permitted wastes)
d) Rubber i.e. tyres
e) Dis-connected batteries
f) Oily / greasy material i.e. oil filters

1.8 Measures reducing the combustibility risk

1.8.1 No hot working activities will take place at the site.

1.8.2 No hot exhaust present on site and all overnight storage of plant will be off site.

1.8.3 Naked lights, discarded smoking materials, industrial heaters will not be present at the site.

1.8.4 There is no gas or gas bottles stored at the site. Any other flammable items are kept in the site's office.

1.8.5 Tyres will remain on the vehicle and removed from site with the ELV once depolluted to a suitably permitted facility

1.8.6 The operator will remove/disconnect all hazardous components from undepolluted ELVs before they are taken off site for depollution.

1.8.7 There will be a no smoking policy at the site.

1.8.8 There are no public rights of way through the site.

1.9 Potential on site ignition sources

1.9.1 The following list outlines potential sources of ignition at the site:

a) arson or vandalism
b) self-combustion (e.g. due to chemical oxidation)
c) plant or equipment failure
d) electrical faults
e) naked lights
f) hot exhausts
g) open burning (on site or adjacent sites)
h) damaged or exposed electrical cables
i) reactions between incompatible materials
j) neighbouring site activities
k) incompatible wastes

1.10 Overhead lines

1.10.1 There are no overhead lines running in close proximity to the site.

1.11 Hazardous materials

1.11.1 Hazardous materials are stored as shown on the Layout & Fire Plan.

1.12 Sensitive receptors

1.12.1 A Receptors Plan has been provided in the Annex. To minimise the impact on the local area and associated receptors from a fire on site, this document details mitigation measures which will decrease the likelihood of a fire occurring on site and limit the size and duration if it does occur. These measures will ensure the potential impact on any of the surrounding land is as minimal as practicably possible.

1.12.2 The primary sensitive receptors for any fire event would be the site itself (and any site users) and the adjacent sites and its users.

1.12.3 All the requisite information as detailed in Section 6.2 of the EA's FPP guidance has been provided on the Receptors Plan.

2 MONITORING

2.1 Site inspection programme

2.1.1 Regular inspections of all site areas will be undertaken using the preventative maintenance and fire checklist shown in the Annex of this FPP. Areas just outside of the permit boundary will also be checked by the operator.

2.1.2 These inspections will be conducted by a person who is familiar with the requirements of this FPP and EP. This will keep the levels of potentially combustible materials and ignition sources which could aid in the acceleration of a fire to a minimum and ensure all containment of wastes on site are stored as detailed on the Layout & Fire Plan and Stockpile Detail Table in the Annex.

2.1.3 As well as all staff/visitors to the site, this FPP will also be made available to the EA, Fire Service and Local Authority upon request.

2.2 Temperature monitoring

2.2.1 Due to the nature of waste types accepted at the site i.e. ELVs and scrap metal, there is no requirement to monitor the temperature using appropriate equipment.

2.3 Waste acceptance

2.3.1 Strict waste acceptance procedures are in place at the site and will be used to detail how long waste has been on site and how long other separated wastes are stored prior to removal from the site. This will ensure compliance with the maximum storage duration for specific wastes as shown on the Stockpile Detail Table.

2.3.2 The following details will be recorded for every ELV deposited at the site:

a) The date and time of delivery.
b) The name and address of the waste producer.

c) The detailed and accurate description of the waste including type, quantity (in tonnes and/or cubic metres) and EWC codes.
d) How the waste is contained e.g. loose, container type.
e) The carrier's name and address.
f) Driver's name, signature and vehicle registration No.
g) Signature or initials of person(s) producing/ accepting/ inspecting/ carrying the waste.
h) Additional handling details/notes made by the driver after inspection of the load.
i) SIC code of the premises which produced the waste (where relevant).
j) Waste hierarchy declaration.
k) Information on previous treatment of the waste e.g. manual or mechanical.

2.3.3 Any wastes identified during the incoming waste inspections which are likely to be either particularly combustible or reactive will either be removed off site or quarantined immediately to await safe removal from site.

2.4 Waste storage

2.4.1 Combustible waste will be stored as per the Layout & Fire Plan and reference should be made to the Stockpile Detail Table to ensure the waste is stored within the guidelines of the table shown in 9.1 of the EA's FPP document published 29/07/2016.

2.4.2 Clearances of stored wastes will be undertaken when the stored materials reach the capacity of the container. This is particularly relevant to the following storage areas:

a) The ELV battery storage (1C)
b) Oil filters (1C)
c) Hazardous catalytic convertors (1C)
d) Oils/fluids (1D)

2.4.3 The site will not accept any further ELVs should the limits/capacities shown in the Stockpile Detail Table be reached.

2.4.4 Appropriate separation distances will be observed in accordance with Section 9.1 of the FPP document as shown on the Layout & Fire Plan and are not exhaustive (in order to prevent over-complicating the plan) but all distances can be scaled effectively.

2.5 Undepolluted ELV storage

2.5.1 The site has the capacity to store 3 individual units on the ground and one undercover for depollution. The ELV's will be numbered 1-3; 1 being the oldest and 3 being the newest to ensure access is available to all ELVs for firefighting and the operator is aware which vehicle needs attention.

2.6 Oils / fluid storage

2.6.1 Storage of fluids are located in the covered area. Fluids will be surrounded by a bund capable of containing a minimum of 110% of the volume of fuel stored in the tank.

2.6.2 All pipework and associated infrastructure will be enclosed within the bund. A lock will be fitted to the tank valve to prevent unauthorised operation. All valves and gauges on the bund will be constructed to prevent damage caused by frost.

2.6.3 The tank will be clearly marked showing the product within and also its capacity.

2.7 Burning of waste on site

2.7.1 No waste will be burnt on site at any time.

2.7.2 Extensive training will be provided to all site staff and contractors on fire prevention, protection and occurrence procedures.

2.7.3 Employment contracts and staff handbooks recognise the severity of any instances of unauthorised burning of waste and would lead to immediate dismissal and threat of prosecution through civil/criminal courts depending on the circumstances.

2.7.4 Firefighting equipment will be located near to the areas of waste storage should accidental burning of waste occur as shown on the Layout & Fire Plan to aid the quick suppression of a fire if detected.

2.8 Overheating of stored waste

2.8.1 Sources of heat will be kept 6m away and isolated from any suspected combustible or flammable materials.

2.9 Plant and equipment / preventative maintenance

2.9.1 Any spillages of fuel will be cleared immediately by depositing sand or absorbents on the affected area.

2.9.2 The forklift truck will be fitted with fire extinguishers. The forklift will be diesel powered and will be checked daily as per the fire checklist. The forklift truck will be only be used on site during operational hours.

2.9.3 The forklift truck will be subject to 6-monthly manufacturer maintenance to ensure proper working order in the form of service contracts.

2.9.4 Site management will undertake or delegate additional preventative maintenance checks on a more frequent basis to ensure, where possible, the machinery is mechanically sound.

2.9.5 Any new items of plant and vehicles will be subject to preventative maintenance checks to ensure their safe operation and to prevent any potential situations which may give rise to adverse impacts on the environment or at risk of combustion.

2.9.6 Site management will undertake or delegate additional preventative maintenance checks on a more frequent basis to ensure, where possible, the machinery is mechanically sound. These checks will be carried out using the preventative maintenance checklist in the Annex and any results which are flagged as needing attention will also be recorded in the site diary.

2.10 Fire extinguisher maintenance

2.10.1 The TCM/site manager will ensure that fire extinguishers are maintained regularly. Basic service, extended service and overhaul should be carried out at intervals not less than those recommended in the table below.

EXTINGUISHER TYPE	BASIC SERVICE	EXTENDER SERVICE
Water & water based	12-monthly	Every 5 years
Powder	12-monthly	Every 5 years
Powder - primary sealed	12-monthly	Every 10 years
Halon	12-monthly	
CO2	12-monthly	

2.10.2 Any new fire extinguishers will be commissioned by the TCM/site manager.

2.11 Electrical faults or damaged/exposed electrical cables

2.11.1 All electrical cabling on site will be inspected weekly and annually serviced by a fully qualified electrician to ensure they are not damaged or exposed.

2.11.2 Any potential ignition sources from suspected electrical faults will be isolated and an electrical engineer will be contacted immediately to rectify the situation. Where possible, staff will immediately remove any stored wastes from the vicinity of the fault area or cable traverse if safe to do so.

3 SITE INFRASTRUCTURE, FIREFIGHTING TECHNIQUES & CONTAINMENT

3.1 Storage on flat ground

3.1.1 The site surface is flat which reduces the risk of falling materials accelerating the spread of fire and all storage of combustible waste will take place undercover and on an impermeable concrete surface with sealed drainage.

3.2 Fire Breaks

3.2.1 Fire break distances are clearly shown on the Layout & Fire Plan and the surface areas and dimensions of each storage area is provided in the Stockpile Detail Table. Storage and operations on site are in accordance with Section 9.1 of the EA's FPP document.

3.3 Infrastructure

3.3.1 The following measures are in place to ensure that fires are detected and tackled quickly on site:

a) **PPE** – Mandatory on site
b) **Manual rotary fire alarm bell** - situated and attached to the covered area. This will be activated on discovery of a fire.
c) **Fire Extinguishers** – Powder (ABC), foam (AFFF) and carbon dioxide firefighting equipment will be provided and stored at a number of designated areas on site as shown on the Layout & Fire Plan and appropriate and regular training will be given for their use in tackling small fires.
d) **Visible worded signs** - Will be placed strategically around the site, giving full and clear instructions for fire alarm and means of escape (Meeting point, 999 instructions).

3.4 Procedures to tackle a fire on site

3.4.1 The site will have a four stage procedure in place to tackle a fire on site:

a) Begin to tackle or reduce the fire using the fire extinguishers (**foam only**).
b) Deploy the fire blankets to smother the fire.
c) Smother the fire using sand, soil or inert materials from aggregate sites situated within 200m of the site.
d) Contact the Fire & Rescue Service if the above measures are not effective who can deploy the appropriate techniques.

3.4.2 All staff will be trained by the site manager/TCM in how to use the fire extinguishers and fire blanket effectively.

3.5 Fire blanket

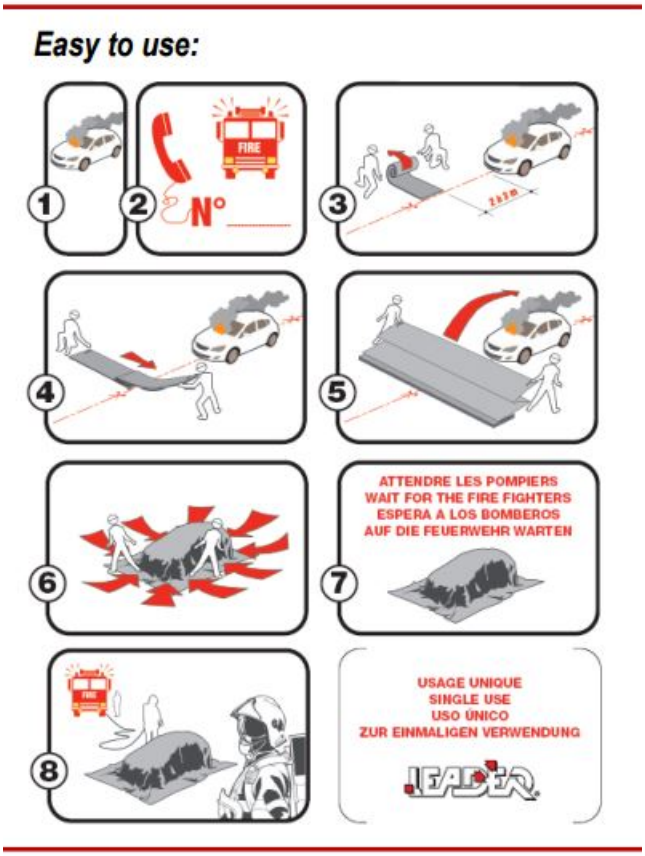
3.5.1 The fire blanket will be purchased from http://www.leader-group.eu/fire-fighting-equipment/fire-blankets/extra-large-blankets/leader-stop-fire-blanket-930-c283.html

3.5.2 The blanket is made of silicone glass fibre, the blanket withstands extreme temperatures, thus retaining its “oxygen deprivation” function.

3.5.3 The Unfolded dimensions of the blanket measure 48m² or 6m x 8m and weigh 26.5 kg (58.4 lbs). The storage dimensions are H 83 x W 33 x D 33 cm.

3.5.4 It is recommended that two members of staff would be required to deploy the blanket, these two members will be suitably trained by the site manager/TCM.

3.5.5 The blanket would be deployed as shown on the below diagram.



3.6 Quarantine area

3.6.1 In accordance with the EA's FPP guidance a 4.8m x 5.5m (26.40m^2) quarantine area has been provided on the Layout & Fire Plan. This area is able to store two ELVs which is more than 50% storage of the required.

3.6.2 Due to the size of the site, the quarantine area cannot be 6m from the site perimeter. There is no perimeter i.e. fencing, the site is situated on a small section of a larger concrete hardstanding area. There are no buildings, structures or other combustible materials situated within the 6m buffer of the quarantine area. The wider concrete area is land owner by the operator and appropriately drains as per Section 3.1.

3.6.3 In the event of a fire, this area will be used either to isolate wastes which are smouldering to allow safe dissipation of heat without placing other areas on site at risk of ignition.

3.6.4 The operator would not attempt to move a burning vehicle due to the health and safety implications involved. Human error could cause further implications.

3.6.5 The operator would transfer any burning material using a fork lift truck or contact a third party to hire in a suitable piece of plant i.e. 360^0 excavator and skip wagon to assist in doing so.

3.6.6 All quarantined material would be removed from site as soon as practically possible into an articulated vehicle and sent to a suitably permitted site.

3.7 Adequate supply of water / fire hydrant

3.7.1 As no water is proposed to tackle the fire, no information is to be provided in this section.

4 FIRE RESPONSE PROCEDURES

4.1 Staff training

4.1.1 Staff will be suitably trained in how to raise a fire alarm with site management. Staff will be trained on how to use the extinguishing equipment should the fire be small enough to tackle. Staff would also seek formal fire extinguisher training for anyone specifically designated to use such equipment.

4.1.2 A full understanding of the site's EMS and the procedures outlined in this FPP document will be required to be demonstrated as part of the site induction for all new staff.

4.1.3 Ongoing training will also be provided to ensure site staff are informed of any changes to any of the site management documentation subject to regular review.

4.2 Access for emergency services

4.2.1 The site is accessed from Scarth Road from Bouthwood Road which leads onto the A590 Park Road. The nearest fire station is situated approximately 2.3 miles south on the A590 meaning if required; the FRS could be at the site to tackle the fire within minutes.

4.2.2 The width of the surrounding roads and the gateway provide sufficient access onto the site for the FRS.

4.2.3 Access routes for emergency services around the site are clearly shown on the Receptor Plan.

4.3 Fire detection procedure

4.3.1 If a fire is detected or suspected it must be immediately reported to the site manager or TCM. The site manager will then conduct the following procedure:

a) Raise the manual fire alarm (if not already done by another staff member).

b) Initiate evacuation of staff and visitors on site to the meeting point and instruct delegated person(s) to conduct a roll-call to ensure all site users are accounted for.
c) Assess the intensity and scale of the fire and make a judgment as to whether the fire can be managed without the requirement for assistance from the emergency services.
d) If viable and safe, instruct necessary site staff to commence extinguishment or removal of affected waste to quarantine area to isolate the source.

If successfully extinguished, follow procedure in Section 6.

e) If not viable or safe, call the FRS immediately using 999.
f) Prior to the FRS arriving, inform all neighbouring premises likely to be affected.
g) If not previously informed, senior management of the company should be informed at this point of the details, nature and extent of the fire and whether assistance from staff from other depots is required.
h) Ensure access routes are clear.
i) If safe to do so, the TCM or a senior member of staff will inspect the location of the fire, to identify immediate risks to surrounding premises and the FRS.
j) Ensure operators of appropriate machinery are standing by in a safe location to help create fire breaks, under the direction of the FRS when they arrive.
k) The site manager / TCM will identify themselves to the fire service as soon as they arrive on site and will provide them with a copy of this document and update them with relevant information that will assist them in dealing with a fire more effectively.
l) Implement pollution control measures only when safe to do so.

4.3.2 In the event of the site manager or TCM being absent from the site, the operator will ensure a suitable person is employed and familiar with the site.

4.4 General staff/visitor procedure

4.4.1 The following actions will be undertaken by site operatives when a fire is detected or suspected on site:

a) DON'T PANIC
b) INFORM THE SITE MANAGER OR TECHNICALLY COMPETENT MANAGER IMMEDIATELY
c) RAISE THE ALARM (IF NOT DONE SO ALREADY)
d) DO NOT TRY TO TACKLE THE FIRE YOURSELF UNLESS YOU ARE TRAINED IN DOING SO AND YOU ARE SURE OF THE NATURE OF THE FIRE
e) LEAVE THE SITE USING THE NEAREST EXIT AS QUICKLY AND AS ORDERLY AS POSSIBLE
f) ASSEMBLE AT THE SPECIFIED FIRE ASSEMBLY POINT
g) THE SITE MANAGER OR DELEGATED OPERATIVE WILL BE IN CHARGE OF CALLING THE EMERGENCY SERVICES ON "999" AND ENSURING THAT ALL PERSONS WHO WERE WORKING ON OR VISITING SITE ARE ASSEMBLED SAFELY AND ACCOUNTED FOR
h) DO NOT RETURN TO THE SITE UNTIL YOU HAVE BEEN GIVEN THE 'ALL CLEAR' BY THE EMERGENCY SERVICES AND/OR THE SITE MANAGER

4.5 Evacuation of staff

4.5.1 The fast and effective evacuation of staff to the Meeting Point as shown on the Layout & Fire Plan will work towards increasing safety on site and limit the impact of a fire on human life.

4.5.2 Regular fire drills i.e. 6 monthly will be carried out on site as per article 15 of the Regulatory Reform (Fire Safety) Order 2005 to ensure evacuation times are acceptable and that site staff remain informed of evacuation procedures. Outcomes of the drills are shown using the form in the Annex.

4.5.3 The operator may also appoint and train fire marshals on site, to aid in the above. The fire drills are carried out using the following methods:

a) Inform all employees of that a fire drill is going to happen, providing them with specific details and also firmly letting them know their participation is required.
b) Nominate observers (if necessary) to assess the fire drill, paying attention to the appropriateness of actions, the behaviour of employees and any problems which may arise during the drill.
c) Additionally, if there are likely to be any visitors present at the time of the fire drill you should also pre-warn them.

4.5.4 Throughout the drill, the 'responsible person' and any nominated observers or fire safety wardens should:

a) Keep an eye out for any inappropriate behaviour, such as stopping to collect coats, bags and other personal belongings.
b) Closely observe any difficulties experienced by people with disabilities, such as an inability to get out of an exit or get down stairs easily.
c) Make sure employees are using the nearest fire escape route, rather than just the exit they are most familiar with.
d) Pay attention to any difficulties experienced as a result of the chosen escape routes, such as doors being difficult to open or exits being blocked.
e) Listen closely to the roll call taken once the evacuation has been completed, making sure everyone is present and accounted for and checking for any issues which may arise.

4.5.2 After the drill, it is vital the person in charge:

a) Thoroughly and comprehensively logs all details of the fire drill, including how the evacuation procedure went and any inappropriate actions or problems which were noted as a result.
b) Any significant findings of the drill should be recorded within this FPP and reviewed regularly as part of your workplace fire safety.
c) Remedial action deemed necessary, such as the installation of additional fire safety signs or fire alarms, should be undertaken by a professional, reputable fire safety company.

4.5.2 If a fire is detected on site outside of normal operating hours, the site manager or out-of-hours emergency contact will be notified of the fire by the Fire Service, the EA or a member of the public.

4.6 Notifying nearby properties

4.6.1 The nearest receptors are on the Sowerby Business Park and all persons on the park will be informed of the fire by employees of the operator. If the fire ere to become a major incident, the FRS, Local Council and EA will be contacted to ensure further properties are informed should the fire become problematic.

4.7 Contingency Planning

4.7.1 No waste will be accepted on site until the post-fire site recovery procedures outlined in Section 5 have been fully implemented and the site is authorised to re-open for trade and waste acceptance.

4.7.2 The operator would direct any persons wanting to dispose of ELVs to Furness Vehicle Dismantlers situated at Salthouse Mills Industrial Estate, Barrow-in-Furness LA13 0DH.

5 POST-FIRE SITE RECOVERY

5.1 General recovery procedure

5.1.1 When the fire has been successfully dealt with the following actions will take place:

a) Any fires will be reported to the EA on the working day that they occur and will be confirmed in writing by fax or letter within 3 working days, including all steps taken by site staff, management and/or emergency services to deal with the fire.
b) Removal of burnt material using appropriate and lawful disposal.
c) Investigation into the cause of the fire, to ensure it does not reoccur.
d) A review of the FPP, associated amendments will be implemented.
e) Review of any additional training requirements for site personnel as a result of the incident.
f) All fire extinguishers used to tackle the fire will be serviced and replaced after use.

5.1.2 In addition to the abovementioned procedures, the sections below outline specific procedures following a fire.

5.2 Fire debris

5.2.1 Fire debris should continue to be turned using the on-site plant and dowsed as necessary with the loading shovel and hosepipe or bowser if necessary until site management confirm that the embers are cooled and there is no chance of a flare up.

5.2.2 Debris can then be cleared and isolated to a series of storage piles for onward temperature monitoring until they have cooled to an acceptable level for landfill disposal (<40 degrees C). Once cooled to an acceptable temperature, as described above, bulk haulage will be arranged for the removal of the ash from the site.

5.3 Investigation procedures and remediation

5.3.1 Following a fire event, the affected area will be subject to the following:

a) Ground sampling of any permeable areas and around the vicinity of the affected area – the frequency, location and depth of the samples required would be agreed between the operator, ground investigation contractor and the Environment Agency.
b) The samples would be sent for analysis at an MCERTS accredited laboratory to ascertain the nature and extent of contamination (if any).
c) Following receipt of the analysis results a remediation strategy would be submitted to the Environment Agency for consideration (if required).
d) Following agreement of the remediation strategy, it will be implemented as agreed and any contaminated material removed from the site will be sent to a facility suitably permitted to accept the material.
e) Following remediation, a completion report will be submitted to the Environment Agency.

5.3.2 If any significant contamination is found to be present, the operator will work with the Environment Agency to implement further measures which may be necessary should a subsequent event occur.

ANNEX

WICKS SERVICES LTD -
FIRE CHECK INSPECTION FORM (DAILY INSPECTIONS)

WEEK STARTING							
TYPE OF INSPECTION	DAY						
	M	T	W	T	F	S	S
EMERGENCY ACCESS							
SECURITY - GATES							
SECURITY - FENCING							
SITE ROADS / SURFACES (CLEAR FROM HAZARDS)							
FIRE BREAKS							
WASTE TYPES- COMPATIBILITY							
COMBUSTIBLE WASTE STORAGE (WITHIN PROPOSED LIMIT)							
COMBUSTIBLE WASTE STORAGE (AWAY FROM POTENTIAL IGNITION SOURCES)							
FIRE FIGHTING EQUIPMENT EG FIRE EXTINGUISHERS, FIRE ALARMS , FIRE BLANKET							
PLANT & EQUIPMENT- FIT FOR PURPOSE AND UNDERGONE MAINTENANCE CHECKS							
STAFF ON SITE HAVE RECEIVED FIRE SAFETY TRAINING							
DRAINAGE CHANNEL/GULLY/SEALED							
HOUSEKEEPING DUST							
HOUSEKEEPING LITTER							
HOT WORKS FIRE WATCH UNDERTAKEN							
HOT EXHAUSTS FIRE WATCH							
WELFARE FACILITIES (CHECKED FOR ANY POTENTIAL FIRE RISK)							
NO SMOKING SIGNS IN PLACE & ON SITE							
QUARANTINE AREA CLEAR							
FIRES (ANY INCIDENTS REPORTED)							
OTHER -							
INSPECTION CARRIED OUT BY							
NOTES/ACTION (CONTINUE ON A SEPARATE SHEET IF NECESSARY):							

CHECKED BY		SIGNATURE	

WICKS SERVICES LTD

PREVENTATIVE MAINTENANCE CHECKLIST

CHECKED BY	POSITION
DATE	DATE OF LAST CHECKLIST

ITEM	EQUIPMENT ITEM					
OFFICIAL MAINTENANCE CHECK REQUIRED (Y/N)						
IF NO, DATE OF LAST CHECK						
IF YES, DATE OF NEXT CHECK						
IS ITEM IN CORRECT WORKING ORDER						
LEAKAGES OF OIL/DIESEL VEHICLES						
IF NO, WHAT REPAIRS ARE REQUIRED (USE SEPARATE SHEET IF REQUIRED)						
WERE REPAIRS DETAILED ON THE LAST CHECKLIST						
IF YES, HAVE THEY BEEN CARRIED OUT						
ADDITIONAL REPAIRS OR ACTIONS REQUIRED						

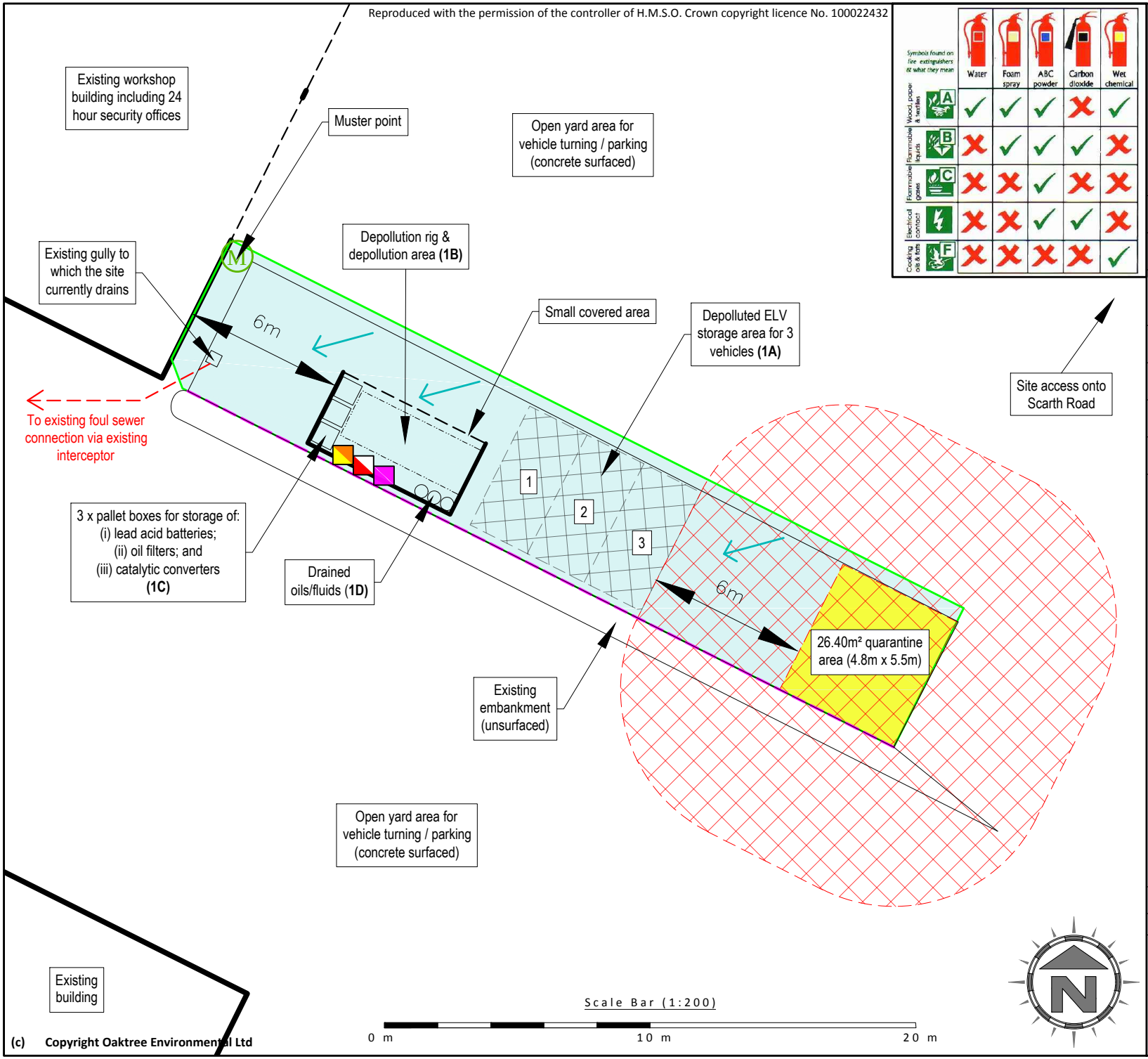
WICKS SERVICES LTD
FIRE DRILL RECORD

DRILL TYPE (e.g. Fire):	
DATE:	
TIME:	
LOCATION OF INCIDENT/DRILL	
COMPLETED BY	
DATE OF LAST DRILL:	
ACTION/ OBSERVATION	**PERFORMANCE / COMMENTS:**
Delay to first staff member leaving yard	
Delay to last staff member leaving yard	
Did staff leave in an orderly and calm manner?	YES/NO (delete)
Did staff leave without collecting their personal belongings?	YES/NO (delete)
Did staff congregate at the designated muster point?	YES/NO (delete)
Was the register taken?	YES/NO (delete)
How was the site left? (i.e. plant left running etc.)	
General comments	
FOLLOW UP ACTION:	
General staff training	
Modify procedures	
Specific staff training	
Additional equipment required	
Other comments	

STOCKPILE DETAIL TABLE – See the 'Layout & Fire Plan' for details of all stockpile locations and references

PLAN REF	WASTE STORED	FORM	COMBUSTIBILITY RISK	MAX STORAGE TIME	MAX LENGTH (m)	MAX WIDTH (m)	MAX HEIGHT OF WASTE STORED (m^2)	SURFACE AREA (m^3)	VOL OF WASTE STORED	CONTAINMENT TYPE
1A	UNDEPOLLUTED ELVS	UNPROCESSED	HIGH	< 7 DAYS	4.5	2.5	1.2	33.75 m^2	<40 (3 UNITS)	BUNDED CONCRETE PAD
1B	UNDEPOLLUTED ELV	UNPROCESSED	HIGH	< 7 DAYS	4.5	2.5	1.2	<11.25 m^2	<13.5 (1 UNIT)	BUNDED CONCRETE PAD
1C	WASTE VEHICLE BATTERIES, OIL FILTERS & HAZARDOUS CATALYTIC CONVERTORS	UNPROCESSED	MED	1 MONTH OR ONCE CONTAINER FULL	1.2	1	1 .2	1.2 m^2	<1.5 m^3 (PER IBC - 3 IN TOTAL)	IN SEALED IBCs WITHIN SEPARATELY BUNDED AREA
1D	WASTE VEHICLE FLUIDS	UNPROCESSED	MED	1 MONTH OR ONCE CONTAINER FULL	1.2	1	1 .2	1.2 m^2	<1.5 m^3 (PER IBC - 3 IN TOTAL)	IN SEALED IBCs WITHIN SEPARATELY BUNDED AREA

ANNEX



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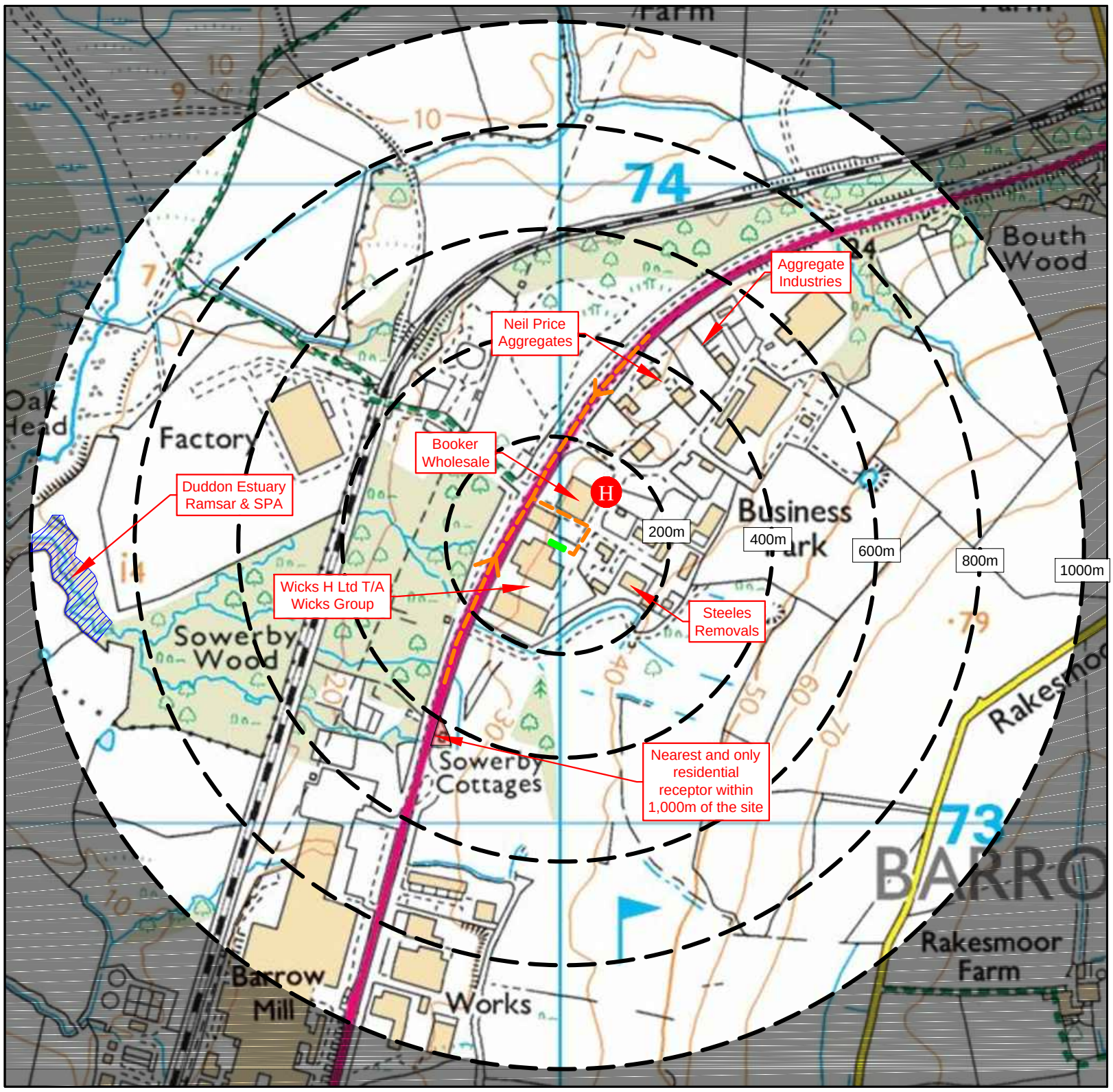
Drawing No: 3610/695/03	Rev: A
Title: LAYOUT & FIRE PLAN	
Site: Scarth Road, Sowerby Woods Business Park, Barrow-in-Furness LA14 4QR	
Client: Wicks Services Ltd	
Date: 31 March 2017	Job: 3610
Drawn: CP / Checked: -	Client: 695
Scale: 1:200	Printed @: A4

KEY:

- Permit boundary
- Sealed concreted area
- Spill kit
- Fire fighting equipment (extinguishers, etc.)
- Fire alarm
- Drainage fall direction
- Existing kerb line (0.08m high for containment of firewater/oils etc.

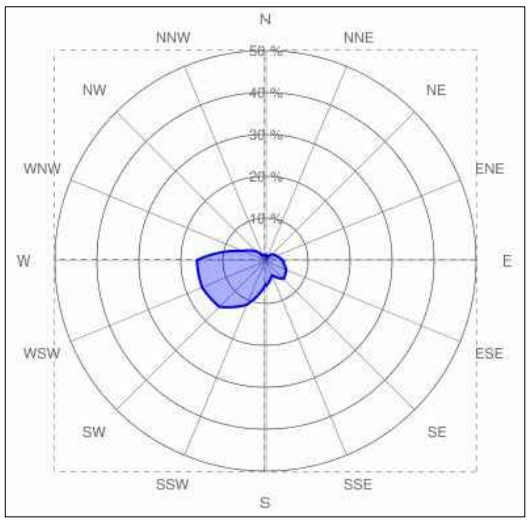
REVISION HISTORY

Rev:	Date:	Init:	Description:
-	17/02/17	RS	Initial drawing
A	31/03/17	CP	Amended as per EA comments



KEY:

- Permit boundary
- Surface water body (river / stream / pond / pool / lake)
- Residential property / workplace (includes agricultural buildings and outhouses)
- Woodland habitats
- Protected sites (Ramsar, SSSI, SPA, SAC)
- Fire hydrant in vicinity of site (all 100mm bore)
- Access route for emergency services
- Residential blocks
- Railway line



Compass Wind Rose for Station at Blackpool Airport (EGNH) Period 2000-2010

Scale Bar (1:10,000)

0 m 500 m 1000 m

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Client: Wicks Services Ltd			
Site: Scarth Road, Sowerby Woods Business Park, Barrow-in-Furness, LA14 4QR			
NGR: SD 20014 73438			
Date: 17 February 2017			Printed At: A3
Title: RECEPTOR PLAN	Scale: 1:10,000	Revision: -	Drawn By: CP
Drawing No: 3610/695/04	Client No: 695	Job No: 3610	Checked:

Notes:

(1) Boundaries of designated sites (habitats and protected sites) are shown indicatively.
(2) Wind rose data shows the prevailing wind direction to be W.
(3) There are no schools, hospitals, nursing and care homes located within 1,000m of the facility.
(4) There are no groundwater, boreholes, wells and springs supplying water for human consumption within 1,000m.

Revision Details:

Rev:	Description:	Date:
-	Initial drawing	17/02/17