



Ash Dieback Disease Sanitation Action Plan
for
Plantation CN [Original Contract Number],
located at [Townland & County]

[Draft Working Template vers. 31July2017]

EXPLANATORY NOTE ON THE USE OF THIS DOCUMENT

This document is a template Sanitation Action Plan (SAP) relating to *Hymenoscyphus fraxineus* / *Chalara fraxinea*, commonly known as 'Ash Dieback Disease'. *Hymenoscyphus fraxineus* is the actual pathogen responsible for the disease.

It should be read and applied in conjunction with Circular 6 of 2017 which specifies in greater detail the Revisions to the Reconstitution Scheme (*Chalara* Ash Dieback) and the Rules currently pertaining, as well as the Supplemental FAQ document.

This document has been prepared by the Forest Service for adaptation (as required) and use by eligible Owners and Registered Foresters who are required to develop SAPs for plantations confirmed by the Forest Service as being infected with Ash Dieback Disease.

This document includes the following Sections:

- SECTION 1A: sets out the Forest Service specifications for the range of site clearance operations (Operation A and B) and the Core Site Hygiene Measures (Operation C) typically applicable to the clearance of ash affected by Ash Dieback Disease (as outlined above) and which are a minimum requirement / compulsory aspect of the Scheme.

The minimum site clearance standard requires that felled or uprooted ash trees and/or the larger residue thereof (i.e. under Operations A or B) are de-limbed and stacked or otherwise windrowed in a safe manner allowing access through the site for future operations.

- SECTION 1B: sets out the Forest Service specifications for the Additional Bio-Security Measures (Operations D and E) available to Forest Owners but which are an advisory and non-compulsory aspect of the Scheme.

Where a Forest Owner chooses to undertake Additional Bio-Security Measures the costs of this work can be claimed up to the maximum grant threshold.

Other operations may also be appropriate on particular sites or parts thereof, and may be acceptable to the Forest Service (see Operation H).

- SECTION 1C: sets out the Forest Service specifications for two other additional measures available to owners: Recovery for Fuel Wood (Operation F) and Recovery for Biomass for Energy (Operation G).
- SECTION 2: The site-specific SAP for the site. Note **Section 2 must be completed by the Owner and his / her Registered Forester, and must contain specified mapping** (as detailed).
- SECTION 3: Details of any amendment required by the Forest Service to the site-specific SAP presented in SECTION 2.

Note: **Section 3 is for completion by the Forest Service Inspector**, if required. *(To the Owner and Registered Forester: please include this section in your submitted SAP, as it represents an integral part of the document.)*

The District Forestry Inspector and / or the Forest Health Section of the Forest Service (contact details below) can be contacted throughout the development of the SAP, for direction.

A Sanitation Action Plan is required as part of any application for grant aid by eligible Owners under the Forest Service Reconstitution Scheme (*Chalara* Ash Dieback)

An electronic version of this document is available for download from the Forestry - Grants and Premium Schemes 2015-2017 section of the Department's website.

<http://www.agriculture.gov.ie/forests-service/grants-and-premium-schemes-2015-2017/>

A Sanitation Action Plan sets out the mandatory as well as the advisory and non-compulsory actions and related site hygiene measures chosen by Forest Owners and Registered Foresters aimed at minimising the risk of a particular plant disease spreading.

It is *not* intended as a Standard Operating Procedure, and operators should ensure that they have carried out their own risk assessment (incorporating, *inter alia*, health & safety issues, safety equipment, contact details for emergency services, etc.), before undertaking the work.

Based on the life cycle of Ash Dieback Disease, SAP works should ideally be prioritised before the summer sporulation period on infected leaf rachises in the litter, and again in the late Summer / early Autumn period before the leaf fall of infected leaves.

The information and procedures outlined in this template SAP are based on the best available science and evidence regarding the life cycle of *Hymenoscyphus fraxineus*, the current situation regarding the disease in Ireland (including of its geographical distribution and the increasing diversity of sites where the disease is being identified), the need to prioritise financial resources and actions on slowing the rate of spread of the disease and as far as practically possible to mitigate the most adverse environmental and economic impacts on the national forest estate and individual owners. SAP are required to target the removal of evidently infected ash trees and those unaffected trees at greatest immediate risk of becoming infected, i.e. the host species and conduit for long term spore production, and replanting the site with an alternate species as soon as practically possible thereafter.

Note: not every operation needs to be included in every SAP. For example, Operation G: Recovery for Domestic Fuel Wood will not be appropriate for young plantations. Also, other operations not detailed below may also be appropriate on certain sites or parts of sites. In such cases, it is the responsibility of the Owner and his / her Registered Forester to provide the relevant operational details and to secure Forest Service approval before commencing the operation.

In Section 2, the Applicant and his / her Registered Forester set out the plot details of ash to be removed, indicates which of the following operations are proposed onsite, details any other operations proposed, and provides any additional information, as stipulated (e.g. mapping).

This SAP Template is an evolving document and may be subject to change.

This version of the SAP Template is dated 31st July 2017

SECTION 1A: Forest Service specifications for the range of mandatory Site Clearance operations (Operations A or B) and Core Site Hygiene Measures (Operation C).

Introduction

The following Operations A or B represent the range of site clearance operations most likely to be included in Sanitation Action Plans submitted in relation to the mandatory clearance aspect of the Reconstitution Scheme (*Chalara* Ash Dieback), and the corresponding specifications that apply.

Operation A: Tree Felling

Manual felling will be undertaken by chainsaw or brush-cutter. For larger trees, a harvesting machine may be used. Tree felling also entails immediate follow-up stump treatment to prevent re-growth, using an appropriate herbicide. Freshly-cut stumps will be painted or spot sprayed with a suitable herbicide solution. This should be carried out when rain is not imminent, to avoid the solution from being washed off. Stems will be cut as close to the ground as possible, and the fresh stump surfaces treated with herbicide immediately, i.e. within minutes. A vegetable dye should be used to clearly identify that all stumps have been treated. Follow-up monitoring throughout subsequent seasons, and the treatment of any re-growth using an appropriate herbicide, are essential for disease control onsite. Where re-growth from the cut stumps is not adequately controlled a 'remedial works required' letter may be issued under the Scheme and further treatment of the re-growth required.

Note, the following Forest Service policy regarding felling:

Where here Ash Dieback Disease has been confirmed as being present within a grant-aided forest plot(s) by the Forest Service (further to laboratory testing) and notice of the finding has been formally issued to the owner; **and**

1. the owner then makes an application under the Reconstitution Scheme (*Chalara* Ash Dieback) and/or the Woodland Improvement Scheme (Element 1: Thinning and Tending); **and**
2. that application is approved; **then**

any ash trees (and other incidental trees) felled pursuant to and in accordance with the scheme approval and the approved Sanitation Action Plan (SAP) are exempt from a felling licence requirement.

Where an owner chooses not to apply for support *via* either scheme or is ineligible, he/she will be required to apply for a licence for any trees (unless otherwise exempted under Section 19 of the Forestry Act 2014) he/she proposes to fell.

Note, the use of herbicides must be in accordance with the *Guidelines for the Use of Herbicides in Forestry* (2nd edition) and the Forest Service *Forestry & Water Quality Guidelines* and *Forest protection Guidelines*. Felling operations must adhere to the Forest Harvesting and the Environment Guidelines and any additional conditions that may be attached to the felling licence.

Operation B: Tree Uprooting

Where chosen in combination with or as an alternative to tree felling, manual uprooting will involve releasing the root plate from the surrounding soil using a spade and levering the tree out of the ground. Loose soil will be shaken off. Machine uprooting will involve the rocking loose or pulling up of the tree, using a tracked machine.

Generally, uprooting will negate the need for follow-up treatment for re-growth. However, broken-off roots that remain *in situ* can occasionally give rise to re-growth. Therefore, the follow-up monitoring throughout subsequent seasons, and the treatment of any re-growth using an appropriate herbicide, are essential for disease control onsite. Where re-growth is not adequately controlled, a disposal notice may be issued and disposal of the re-growth may be required.

Note, the following Forest Service policy regarding felling:

Where here Ash Dieback Disease has been confirmed as being present within a grant-aided forest plot(s) by the Forest Service (further to laboratory testing) and notice of the finding has been formally issued to the owner; **and**

1. the owner then makes an application under the Reconstitution Scheme (Chalara Ash Dieback) and/or the Woodland Improvement Scheme (Element 1: Thinning and Tending); **and**
2. that application is approved; **then**

any ash trees (and other incidental trees) felled pursuant to and in accordance with the scheme approval and the approved Sanitation Action Plan (SAP) are exempt from a felling licence requirement.

Where an owner chooses not to apply for support *via* either scheme or is ineligible, he/she will be required to apply for a licence for any trees (unless otherwise exempted under Section 19 of the Forestry Act 2014) he/she proposes to fell.

Where an owner chooses not to apply for support *via* either scheme or is ineligible, he/she will be required to apply for a licence for any trees (unless otherwise exempted under Section 19 of the Forestry Act 2014) he/she proposes to uproot. This includes trees less than 10 years of age.

Operation C: Core Site Hygiene Measures

The following core site hygiene measures will apply onsite to **all** Operations A to G, and for any other operation proposed by the Owner and agreed to by the Forest Service:

- Access to the site will be restricted to authorised operators directly involved with the sanitation actions being undertaken.

- A copy of the SAP will be available onsite throughout operations, and all operators involved will be directly briefed on its contents, including the specific site hygiene measures set out below.

The wash-down / disinfection station will be located at the entrance adjacent to the parking area. The location of the wash-down / disinfection station is to be indicated on the SAP Operational Map, contained in Section 2. An adequate supply of clean water, scrubbing brushes and disinfectant will be available at this location throughout operations. The wash-down / disinfection station must be located at least 50 metres from the nearest aquatic zone, and at least 20 metres away from all other water features, and on a dry, elevated location. Do not discharge any substance into an aquatic zone, relevant watercourse or hotspot, or into any drain or sediment trap, including used or unused disinfectant solution. This, combined with appropriate station management and off-site disposal of disinfectant containers, will eliminate the risk of run-off into the aquatic zone.

- At the wash-down / disinfection station, operators will be required to brush off all plant debris and soil from their boots and clothing, and to wash down and disinfect all hand tools (including motor manual equipment, boots and waterproof clothing) before leaving the site. After application, disinfectant will be allowed to dry out on the treated surface.
- Any other items associated with the operation will undergo the same wash-down / disinfection treatment, before being taken off the site. This includes log-splitting machines, wood chippers and any other machinery used under Operation A to F, and Operation H.
- The traffic of machinery on-and off the site will be minimised. All machinery used on site will be subjected to a wash-down and disinfection before leaving the site.
- All private and commercial road vehicles will be restricted to the designated parking area indicated on the SAP Operational Map. Before departure, all vehicles will be checked to ensure that there is no plant debris or material on the vehicle.
- Where the site is used for public access and recreation, the following will be applied:
 - The site and traversing / adjoining access routes will be closed off to public use until all SAP-related operations are completed.
 - Appropriate signage will be erected and will remain in place until the site has been replanted. The signage will outline the nature of the work and will instruct members of the public to fully wipe off all plant debris and soil from their boots and clothing before leaving the site.

SECTION 1B: Forest Service specifications for advisory but non-compulsory Additional Bio-Security Measures (Operations D and E) available to Owners.

Operation D: Disposal by Deep Burial

This option is suitable for younger ash material (roots, stems, branches and attached leaves, and leaf litter) and also for ash material left on-site after recovery for domestic fuel wood or biomass (Operations F and G, respectively).

Operational specifications for Operation D are as follows:

- All roots, stems, branches and attached leaves will be collected.
- All ash leaf litter visible on the ground (including that beneath semi-mature / mature ash in adjoining hedgerows) will be collected.
- Ash material and collected leaf litter will be brought manually and / or by vehicle (e.g. tractor / trailer or forwarder) to the designated deep burial site(s) for burial.
- Burial must take place in tandem with uprooting / felling, to minimise the length of time infectious material is left exposed onsite.
- The location of deep burial pit(s) / trench(es) must be illustrated on the SAP Operational Map, to be included in Section 2. The location, preparation, use and filling-in of these pits / trenches must follow the Forest Service guidelines, as set out below.

Operation E: Disposal by Chipping and Deep Burial Onsite

This option is suitable for larger ash material (roots, stems, branches and attached leaves), for example where the recovery of wood for domestic fuel or biomass (i.e. Operations F and G) is not practical or viable.

- All relevant aspects of Option A (Tree Felling) and Operation B (Tree Uprooting) and Operation D (Disposal by Deep Burial) apply, as relevant, with the following requirements:
 - The uprooted or felled trees are to be transported to the burial pit / trench, for processing. All stems, branches and attached leaves are then chipped directly into the pit.
 - Chipping must take place in tandem with the uprooting / felling, to minimise the length of time infectious material is left exposed onsite.

Note: in comparison to disposal by chipping and burial of infected material onsite (Operation E) or the recovery of chips for prompt removal and use at an industrial biomass Combined Heat and Power (CHP) facility (Operation G), the chipping or mulching of whole trees or branches and leaving that chipped / mulched material exposed onsite is not currently a permissible clearance treatment for affected sites under the Scheme. This is because of uncertainty over the risk that this practice may have in facilitating the survival of the disease onsite or spreading it.

Forest Service guidelines for the location, preparation, use and filling-in of deep burial pits / trenches for Ash Dieback Disease sites

- The position of onsite deep burial pit(s) / trench(es) will be based on the following considerations:
 - Pits / trenches will be located away from main access routes on the site, and will be instead located in areas where they are unlikely to be unearthed and disturbed in the future.
 - Pits / trenches and associated soil heaps will not be located within 50 metres of aquatic buffer zones, or within 30 metres of any archaeological site or monument or important retained habitats. Pits / trenches and soil heaps will be located away from drains and other water pathways onsite, to avoid any runoff of loose sediment during heavy rains.
 - Pits / trenches must not be sited within the clearance area required for overhead lines or underground utilities.
 - Pits / trenches will be dug to a depth of 2 metres, *where ground conditions allow*. Where this cannot be achieved, pits / trenches must be deep enough to allow a 50 cm gap between the top of the trees / leaf litter in the pit / trench and the original ground level. (This 50 cm gap will be filled with backfill – see below.)
 - Within the context of the above requirements, the exact location and size of pits / trenches will be influenced by tree age / size and other onsite operational efficiencies. Pits may be suitable for younger, smaller trees, while trenches may be suitable for larger, older trees.
- Appropriate health and safety measures must be observed, e.g. pit / trench edges to be sloped to avoid possible collapse, individual pits / trenches to be demarcated with hazard tape, individual pits / trenches to be closed up as soon as possible after filling with ash material.
- Uprooted trees and collected leaf litter will be placed into the pit / trench and compacted down by the bucket of the tracked machine. (Compaction is needed to break protruding material and to minimise large air pockets which might otherwise fill in with soil from above, thereby exposing wood or branch material at the top.) Pits / trenches will be deemed to be filled when the trees / leaf litter within the pit / trench come to within 50 cm of the original ground level.
- Uprooted trees and collected leaf litter only are to be placed in the pits / trenches.
- Once filled (as per above), all of the excavated soil will then be placed on top of the trees and leaf litter, capping the pit / trench and leaving a heap of soil. This soil heap will gradually settle back to ground level as the plant material beneath decays.
- The pits or trenches should be carefully excavated. Topsoil should be removed and heaped separately from the subsequently excavated subsoil. Once filled with ash material, pits shall be filled with the subsoil first, and then ‘capped’ with the original topsoil.

SECTION 1C: Forest Service specifications for Recovery for Fuel Wood (Operation F) and Recovery for Biomass for Energy (Operation G) available to Owners.

Where an Owner chooses to undertake Operation F and/or G to supplement their choice of mandatory Site Clearance operations (Operations A and/or B), the minimum site clearance standards required under Operations A or B equally apply, namely that any felled or uprooted ash trees and/or the larger residue thereof left on site apply, are de-limbed and stacked or otherwise windrowed in a safe manner allowing free access through the site for future operations.

The mandatory Core Site Hygiene Measures (Operation C) also apply onsite for these operations.

Operation F: Recovery for Fuel Wood

The recovery from uprooted or felled trees of wood for use as domestic fuel by the Owner or by his / her immediate family members (husband, wife, son, daughter, brother or sister, as defined in the *Forestry Standards Manual*) at their respective residential properties, for further distribution, and/or for placing on the market for sale as domestic fuel wood is permissible, subject to the specification outlined below:

- All leaf and rachis material must be isolated from the wood destined for recovery and must be left onsite.
- Fuel wood must be recovered *in situ* from felled trees (Operation A) or uprooted trees (Operation B) as soon as possible after felling/uprooting.
- Material permissible for use as by the Owner or by his / her immediate family members at their respective residential properties or for further distribution or for placing on the market for sale as fuel wood is limited to sections of stems and branches over 10 cm in diameter, and which are:
 - Free from infection, e.g. have no evident necrotic lesions and cankers, brown / orange discolouration of the bark, or staining of the wood below the bark; and
 - Free from all leaves and foliage (whether living or dead).
- All other material must be separated out and left onsite, as per the minimum site clearance standards set out above.
- Recovered fuel wood should be removed to dry storage as soon as possible after being recovered from uprooted / felled trees (whether the storage be at a private residential property or at an off-site wood processing facility).
- In situations where recovered fuel wood is to be further processed (e.g. cut into fire log lengths and/or split) at an off-site location, any residues created must be swept up and disposed of by burning on the property where the processing takes place.
- Where it is intended that recovered fuel wood will not be used exclusively by the Owner and / or by his / her immediate family members at their respective residential properties but rather will be

distributed to other people/locations distant from the clearance site or placed on the market for sale as domestic fuel wood:

- The Owner must complete and retain a formal record of all retailers or other traders to whom the recovered fuel wood has been supplied, i.e. in order to comply with the legislative requirements for operators who place timber on the EU internal market for the first time.¹
- This record should include the names, addresses and telephone numbers of all the retailers or other traders to whom the timber has been supplied, as well as details of the quantity supplied to each (expressed in volume, weight or number of units).²
- This record must be retained for five years and made available for inspection on request by Forestry Inspectors or other Authorised Officers from DAFM.
- The Owner must be aware and advise all other intending users/purchasers/retailers/traders that the movement, sale, or use of the recovered fuel wood is only permissible within the territory of the State (Ireland).
- The Owner must be aware and advise all other intending users/purchasers/retailers/traders that without further processing/treatment to bring it into conformity with the relevant legislative requirements for that jurisdiction the recovered fuel wood cannot be moved, sold, or used in Northern Ireland³.
- The Owner must attach a label to any bags or other containers for the recovered fuel wood indicating:
 - a) The prohibition on the movement, sale, or use of the recovered fuel wood in Northern Ireland (i.e. without further processing/treatment to bring it into conformity with the relevant legislative requirements for that jurisdiction), and
 - b) The recovered fuel wood came from a site cleared under the DAFM Reconstitution Scheme (*Chalara* Ash Dieback) 2014-2020.
- Non-recoverable material (root plates, branches less than 10 cm in diameter, leaf litter) and residues (saw dust / chips) must be left onsite, as per the minimum site clearance standards set out above.

NOTE: The recovery of wood for use as fuel wood will be subject to approval on a case-by-case basis and will only be permitted where the crop parameters and site conditions allow, without increasing the risk of the further spread of Ash Dieback Disease. Conditions in addition to the above specifications may also apply.

¹ European Union (Timber and Timber Products) (Placing on the Market) Regulations 2014 (S.I. No. 316/2014), Regulation (EU) No. 995/2010 of the European Parliament and of the Council of 20 October 2010, Commission Implementing Regulation (EU) No. 607/2012 of 6 July 2012, and Commission Delegated Regulation (EU) No. 363/2012 of 23.

² Where the Owner supplies recovered fuel wood directly to a domestic end-user customer, they do not need to record the customer details.

³ The Plant Health (Wood and Bark) (Amendment) Order (Northern Ireland) 2012 (S.R. No. 400 of 2012).

Operation G: Recovery for Biomass for Energy

The recovery of wood chips from stems and large branches of uprooted / felled trees, for use at an industrial biomass Combined Heat and Power (CHP) facility may be permissible, subject to the specification outlined below:

- Before operations begin onsite, the destination of the chipped material must be identified and an agreement must be in place with the operators of that facility to accept the material for destruction.
- Chipping must take place within the forest boundary, or as close as possible to it.
- All leaf and rachis material must be isolated from the wood destined for chipping and must be left on site.
- Non-recoverable material (root plates, smaller branches, leaf litter) and residues (saw dust / loose chips) must be left onsite, as per the minimum site clearance standards set out above.
- Recovered wood chips must be immediately stored in a covered trailer for prompt transport to the CHP facility.
- Each load of wood chips transported must be assigned a unique number which references the original afforestation Contract Number, which in turn is recorded on the weight docket at the CHP plant.
- A separate Standard Operating Procedure will be required for the processing of the wood chips at the CHP facility and must be approved by the Forest Service before ash clearance operations can begin.

NOTE: The recovery of wood for energy biomass will be subject to approval on a case-by-case basis and will only be permitted where the crop parameters and site conditions allow, without increasing the risk of the further spread of Ash Dieback Disease. Conditions in addition to the above specifications may also apply.

Operation H: Other Operations

Other operations not detailed above may also be appropriate on certain sites or on parts of sites. In such cases, it is the responsibility of the Owner and his / her Registered Forester to provide the relevant operational details to the Forest Service for approval.

Mapping requirements

Each Sanitation Action Plan must contain the following maps:

- Location Map (where Operation F - Recovery for Domestic Fuel Wood - is proposed and where known to the Owner the Location Map must indicate the location of the dwelling(s) where the recovered fuel wood will be burnt, and the route(s) to be used to transport the material from the site to this dwelling(s))
- Certified Species Map

- SAP Operational Map, showing ash plots for clearance, the location of burial pits / trenches, wash-down / disinfection station(s), the parking area, and other relevant operational details.

All three maps are to adhere to standard mapping conventions set out in the *Forestry Standards Manual*.

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SECTION 2: Site-Specific Sanitation Action Plan

Introduction

This Sanitation Action Plan (SAP) sets out the sanitation operations and site hygiene measures to be put in place to remove and destroy the ash trees (and associated leaf litter) originally planted under CN _____ [INSERT ORIGINAL CONTRACT NUMBER] at _____, County _____ [INSERT TOWNLAND & COUNTY], confirmed by the Forest Service as being **infected with Ash Dieback Disease (*Hymenoscyphus fraxineus* / *Chalara fraxinea*)**.

This SAP contains a Location Map, a Certified Species Map and a SAP Operational Map, as specified in Section 1.

A copy of this SAP will be available onsite throughout operations, and all operators involved will be briefed on its contents.

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Plot details

Plot details of the ash which is the subject of this SAP are set out in the following table and on the included Certified Species Map. **[COMPLETE THE FOLLOWING TABLE]**

Table 1. Details of plots containing ash, and outline of the proposed sanitation operations and timing.*

Original Contract Number	Planting year	All plots containing ash**	Plots containing ash to be treated*	Area of ash (complete, as appropriate, based on records to hand)***			No. of ash trees for removal (approx.)	Outline of sanitation operations & timing
				If ash planted in <u>PURE PLOT</u> , area of plot (ha)	If ash planted in <u>MIXED PLOT</u> (either in groups or intimately), equivalent area of ash in plot (ha)	If ash planted in <u>ADB</u> , area of ADB (or portion thereof) containing ash (ha)		

Notes:

* For the statistical purposes, please copy the relevant details from this table to the tables in Appendix 1

** Designate individual plots using lettering sequence A, B, C...

*** The corresponding payable areas at the Form 2 stage of the original Afforestation / FEPS grant cycle will be used by the Forest Service when calculating the payable areas under each heading (pure plot, mixed plot, ADB) for grant approval / payment purposes under the Reconstitution (*Chalara* Ash Dieback) Scheme. Areas presented for additional ash planted onsite and not reflected at the Afforestation / FEPS Form 2 stage will be subject to a separate validation.

Clearance details

In order to undertake the clearance of ash from this site (as detailed in Table 1 above), the operations set out below will be completed *before* the following date: ____ / ____ / ____ [INSERT DATE. DAY / MONTH / YEAR]

[COMPLETE RELEVANT OPERATION TABLES ONLY, STRIKING THROUGH THOSE OPERATION TABLES THAT ARE NOT RELEVANT]

[ENSURE THAT ALL THE RELEVANT OPERATIONS PLANNED FOR THE SITE ARE SELECTED]

Operation A: Tree Felling

I propose to pursue Operation A: Tree Felling onsite, following the specifications (including immediate stump treatment with a suitable herbicide and concentration) set out for this operation in Section 1A.	Yes [<input type="checkbox"/>] No [<input type="checkbox"/>]
Felling will be carried out:	Manually [<input type="checkbox"/>] Machine [<input type="checkbox"/>] Combination of manual & machine [<input type="checkbox"/>]
The minimum site clearance standard requiring that felled trees and/or larger residues thereof are de-limbed and stacked or otherwise windrowed in a safe manner allowing access through the site for future operations will be carried out.	Yes [<input checked="" type="checkbox"/>] NOTE: this operation is pre-ticked 'YES' as this is mandatory for <u>all</u> sites where Operation A is selected.
The site will be monitored over the coming seasons, and any ash re-growth will be treated.***	Yes [<input checked="" type="checkbox"/>] NOTE: this operation is pre-ticked 'YES' as this is mandatory for <u>all</u> sites where Operation A is selected.
Details of any change(s) to the corresponding specifications set out in Section 1A, together with justification for this change(s), are as follows:	Provide details, if relevant.
Is there a valid Felling Licence currently in place covering the same area within which clearance operations by felling are now planned?	Yes [<input type="checkbox"/>] No / Not applicable [<input type="checkbox"/>]
If so, please quote the reference number.	[Felling Licence Ref. No. _____]

Operation C: Core Site Hygiene Measures

I propose to pursue Operation C: Core Site Hygiene Measures , following the specifications set out for this operation in Section 1A.	Yes [<input checked="" type="checkbox"/>] NOTE: this operation is pre-ticked 'YES' as this is mandatory for <u>all</u> sites.
Details of any change(s) to the corresponding specifications set out in Section 1A, together with justification for this change(s), are as follows:	Provide details, if relevant.
I include on the Operational Map the location of the wash-down / disinfection station and the parking area.	Yes [<input type="checkbox"/>] No [<input type="checkbox"/>]

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Operation D: Disposal by Deep Burial

I propose to pursue Operation D: Disposal by Deep Burial , following the specifications set out for this operation in Section 1B.	Yes [<input type="checkbox"/>] No [<input type="checkbox"/>]
Details of any change(s) to the corresponding specifications set out in Section 1B, together with justification for this change(s), are as follows:	Provide details, if relevant.
I include on the Operational Map the proposed location of burial pits / trenches on site, noting the restrictions set out for this operation in Section 1B.	Yes [<input type="checkbox"/>] No [<input type="checkbox"/>]

Operation E: Disposal by Chipping and Deep Burial Onsite

I propose to pursue Operation E: Disposal by Chipping and Deep Burial Onsite , following the specifications set out for this operation in Section 1B.	Yes [<input type="checkbox"/>] No [<input type="checkbox"/>]
Details of any change(s) to the corresponding specifications set out in Section 1B, together with justification for this change(s), are as follows:	Provide details, if relevant.

Operation F: Recovery for Domestic Fuel Wood

I propose to pursue Operation F: Recovery for Domestic Fuel Wood , following the specifications set out for this operation in Section 1C and <u>limiting fuel wood recovery to stems and branches greater than 10 cm in diameter</u> .	Yes [] No []
Recovered fuel wood will be used exclusively by me / us (as the owner(s) of the plantation) and/or immediate family members at our/their respective residential properties within the territory of the State (Ireland).	Yes [] No []
Recovered fuel wood will be distributed to other people/locations distant from the clearance site or placed on the market for sale as domestic fuel wood within the territory of the State (Ireland).	Yes [] No []
Details of any change(s) to the corresponding specifications set out in Section 1C, together with justification for this change(s), are as follows:	Provide details, if relevant.

Operation G: Recovery for Biomass for Energy

I propose to pursue Operation G: Recovery for Biomass for Energy , following the specifications set out for this operation in Section 1C.	Yes [] No []
Details of any change(s) to the corresponding specifications set out in Section 1C, together with justification for this change(s), are as follows:	Provide details, if relevant.
Details of the CHP plant which I have reached agreement with, in relation to the disposal of the recovered wood chips	Details, including contact name & telephone:
I include and attach the Standard Operating Procedure which needs to be approved by the Forest Service for the processing of the wood chips at the CHP plant.	Yes [] No []

Operation H: Other Operations

I propose to pursue the following operation to clear ash from the site, as an alternative to, or in addition to, Operations A-G.	Yes [] No []
Provide full details, as relevant.	

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Key contacts directly relating to the implementation of this SAP

[NOTE: THE FOLLOWING IS NOT INTENDED TO REPLACE ANY SIMILAR CONTACT LISTING IN RELATION TO CONTINGENCY PLANNING REGARDING HEALTH & SAFETY AND ENVIRONMENTAL PROTECTION.]

<i>Contact</i>	<i>Name</i>	<i>Telephone no.</i>
<i>Forest Service Forest Health Inspector</i>		
<i>Forest Service District Inspector</i>		
<i>Registered Forester & Company, if applicable</i>		
<i>Owner</i>		
<i>Contractor(s)</i>		

Declaration

- This Sanitation Action Plan covers the sanitation actions and related site hygiene measures to be put in place to undertake the clearance of ash trees and leaf litter planted under CN [Original Contract Number], [Townland, County]. The SAP forms a component of a parallel application for funding under the Forest Service Reconstitution Scheme (*Chalara* Ash Dieback).
- This Sanitation Action Plan is completed following a field assessment by the Registered Forester and is accurate to the best of my knowledge.
- This Sanitation Action Plan also contains the required Location Map, Certified Species Map and SAP Operational Map.
- All of the operations detailed will be implemented, following the required / described specifications.

Signed (Owner)

Date

Signed (Registered Forester)

Date

SECTION 3: Required amendments to this SAP

(To be completed by the Forest Service, only if required)

(To the Owner and Registered Forester, please include this section in your submitted Sanitation Action Plan, as it represents an integral part of the document.)

Amendments required by the Forest Service to this Sanitation Action Plan to, *inter alia*, increase its likely effectiveness in combating Ash Dieback Disease (*Hymenoscyphus fraxineus* / *Chalara fraxinea*), are as follows:

(Note: Where the required amendments are significant, a revised and resubmitted Sanitation Action Plan may be required.)

Signed (Forest Service Inspector)

Date
