



Openshaw Fold Farm demolition method statement

Asbestos

An asbestos survey will be commissioned prior to the commencement of any demolition work and any asbestos containing materials (ACM) identified in the survey will be removed prior to the start of any intrusive or structural demolition works. All clearance certificates and hazardous waste notes will be contained within the site file and issued to NSDC at the end of the project.

All operatives will be trained to recognise ACM's. Should any previously unidentified ACM's be located within the site during demolition, work will cease and the Site Manager will be notified, an asbestos surveyor will be called to site and a sample taken for testing to confirm prior to works in that area continuing.

Noise

Noise will be minimised as far as practicable by using plants which is well maintained with silencers which give the best noise reduction. When plant is idle, it will be switched off. All generators will be of the silenced type. No construction vehicles will be permitted to wait outside the site with their engines running, with exception to those vehicles waiting for the Traffic Marshall to open/close the entrance gate. If there is a delay to access/egress the site entrance the driver will be told and will then switch off the engine.

When loading skips or lorries, material must be lowered in carefully to ensure that there is a layer of material at the bottom to reduce noise from dropping subsequent layers on top. As the layers of material are placed in the skip they may need to be compacted, this must only be done by gradually lowering the arm of the excavator into the skip and pressing down. The operator must not bang on the skip.

Dust

To help prevent dust emissions from the demolition works and subsequent concrete crushing operation, a water-based dust suppression system will be used. Water will be sprayed onto the works to keep the areas dampened. When working on the ground, water hoses or spray heads will be used to keep the ground and stockpiles damp and prevent dust from blowing off the surface.

Vibration

Excessive vibration is unlikely to be a factor for this project. When loading materials into skips/lorries the material must be gradually lowered in and not dropped from height. Once a layer of material is in the bottom of the skip this will act as a cushion for the remaining material to be loaded in. To help reduce the impact of vibrations travelling through the ground, where possible machines are to sit on a bed of demolition debris to act as a cushion.



Control of Substances Hazardous to Health

A full and comprehensive COSHH assessment will be included within the RAMS document for the project. This will detail the COSHH items identified on the site and how they are to be safely handled and stored. All relevant containers will be placed on a drip tray suitable to carry 110% of the estimated volumes. The materials that will be brought to site are limited to fuels, oils, oxygen and propane. For all materials on site there will be a safety data sheet present within the site office. All bowsters containing fuel will be of the double banded type with locking nozzles. A dedicated refuelling area will be established. Spill kits will be present in all areas. Any gas bottles will be stored in a designated area. Oxygen and propane will be stored separately. All gas bottles will be stored in an upright position and all storage areas will be adequately signed.

Contaminated Land

A desk top study for contamination will be undertaken prior to demolition work commencing and if found to be required intrusive ground investigations will be undertaken to identify any contaminated land. Should any hazardous materials be found during demolition works the following procedures shall be followed:

- works should stop;

- the area made safe and all personnel cleared from the area;

- the site manager notified immediately, followed by other site staff and the client.

Should the contamination give rise to an immediate or significant risk of harm to the environment or human health, mitigation measures shall be implemented, this shall only be done if it is safe to do so and there is no risk to staff or public safety. The following may be undertaken:

- protection of surface water course - through spill kits, bunding or the creation of a sump;

- site staff will be required to wear disposable overalls, steel toed Wellington boots and if asbestos is present FFP3 masks;

- damping down and/or sheeting to reduce wind-blown dust;

- covering with soils (or suitable medium) to reduce volitisation of contaminants.

Following identification a methodology will be developed for sampling of the material, including an action plan for handling the impacted soil/water. A strategy will be developed for removal and consideration of either treatment or direct removal from site. Material being removed from the site shall be assessed and classified as either hazardous, non-hazardous or inert.



Concrete crushing

All of the concrete arisings generated during the demolition are to remain on site. Crushers used on site will be subject to mobile plant licence procedures. The crusher is to be positioned away from sensitive boundaries. Concrete arisings will be sorted and cleaned so that no other waste arisings are present. An adequate water supply will be made available to dampen both the stockpile of material and the finished aggregate. An excavator with bucket attachments is to position itself on the stock pile of broken concrete and this machine will gradually load the hopper of the crusher in a controlled manner. An exclusion zone will be established around the crushing works. The crusher operator and anyone else in the area must wear suitable RPE. All site staff in the area must wear hearing protection at all times during the crushing works. On completion the crushed 6F2 aggregate stockpiled within the site.

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