

Section 7

ACTIVITIES WITH RISKS TO HEALTH & SAFETY AND HAZARD IDENTIFICATION

7B Site Establishment Drawing continued ...

- 1.18 Method for prevention of unauthorised access, ie location of perimeter fencing;
- 1.19 Site signage, and
- 1.20 Site security systems.

Copies of the site drawing(s) or plan(s) indicating the above should be displayed on the site notice boards and copies enclosed in Section 5B.

Section 10

ARRANGEMENTS FOR MONITORING THE HEALTH & SAFETY PLAN

1. A Pre-start Safety meeting is to be held with the Health and Safety
 2. to introduce the contract and Construction Phase Health & Safety and Environment Plan to the Health and Safety
 - 3.
 4. This meeting instigates the site inspection visits.
2. Form **CDM/1001 'Pre-start Meeting'** is to be used by the Principle Designer/ Health and Safety
- to ensure the Construction Phase Health& Safety and Environment Plan is sufficiently developed to allow work to commence on site.
3. The Construction manager and Site manager are to carry out monthly audits of the Construction Phase Health & Safety and Environment Plan and record their review using form **CDM/1002 'Plan Audit Review'**.
 5. The Health and Safety
 6. is to carry out a programme of visits to the site at a frequency of 2 to 4 weeks, dependent upon site complexity, and make a safety inspection. During each visit the Health and Safety
 7. is to audit the Construction Phase Health & Safety and Environment Plan and record the review on form CDM/1002.
5. The Site manager is to carry out a weekly safety inspection of the site, with the results recorded on CDM/516 [Section 5A paragraph 8]. A copy of the completed record sheet is to be forwarded to the Bourne office for the attention of the Health and Safety

Section 7

ACTIVITIES WITH RISKS TO HEALTH & SAFETY

AND HAZARD IDENTIFICATION

7B Site Establishment Drawing (showing Overall Risk Consideration for the Following Items):

1. The Site manager is to use form **CDM/527 'Site traffic management plan'** to assist with the creation of the site establishment drawing, which is to show the provisions required to cover hazards as established in Section 5A, and include for example:

- 1.1 Adjacent land owners and public access areas where applicable;
- 1.2 Site access and egress routes for pedestrians, site personnel, deliveries and site traffic including segregation measures;
- 1.3 Separate routes on site for vehicles and pedestrians;
- 1.4 Transport reversing points (One-way system if available);
- 1.5 Specific off-loading areas and storage areas;
- 1.6 Layout and position of site storage compound;
- 1.7 Scaffolding and loading bays;
- 1.8 Layout and position of welfare and office facilities/ accommodation (indicate critical dimensions from existing and proposed building);
- 1.9 Car Parking areas;
- 1.10 Static plant positions;
- 1.11 First Aid Points;
- 1.12 Existing overhead and buried services
- 1.13 Temporary access routes around buildings
- 1.14 Emergency escape points and routes
- 1.15 Fire and Emergency Assembly muster points
- 1.16 Storage area for flammable liquids and LPG
- 1.17 Waste materials storage areas, position of skips and segregation areas

Section 8

ENVIRONMENTAL ISSUES

8A Environmental Impact Assessment

1. To comply with the Company's Environmental policy, this section of the Plan is used to allow the impact of the sites activities on the environment to be assessed and for appropriate control measures to be identified.

2. When completing the environmental impact assessment, form **CDM/601, 'Environmental Impact Assessment'**, the Site manager and Construction manager should not only consider the problems from the Company's point of view but also from the point of those affected by the Company's actions.

3. It is important to note that many considerations if excessive could be illegal at worst and cause annoyance at best.

Nuisance Factors

- Dust
- Noise
- Smoke
- Vibration

4. Immediate action must be taken to address the presence of invasive harmful plants. The Site manager is to monitor for the presence of the following non-native plants:

4.1 Japanese knotweed:



8A Environmental Impact Assessment continued ...

4.1 Japanese knotweed, continued ...



4.2 Himalayan balsam:



8A Environmental Impact Assessment continued ...

4.3 Giant hogweed :



Environmental Impact Assessment

1 NOISE	
Factors	Issues affecting the contract and control measures
1.1 Piling:	<i>NA [not applicable]. Site manager to monitor for change.</i>
1.2 Generators:	<i>Where applicable - Site generator and contractor's small generators - smoke [blue, black, white], PM10 particulate, fume, NOX, etcetera, fuel and lubricating oil spillages. Noise. Minimise usage, direct exhausts clear, use drip trays/bunds, refuel and carry out maintenance in designated area(s) using drip trays. Consider location.</i>
1.3 Drilling:	<i>Noise, dusts - including soil, silica from cementitious products and stone, cement and wood. Use of 'Quite' equipment, location within site. Dust suppression wetting and extraction and use of RPE [respiratory protection equipment], operatives to be 'face fit tested'.</i>
1.4 Motors:	<i>Vehicles, plant and equipment. Smoke [blue, black, white], PM10 particulate, fume NOX, etcetera, fuel and lubricating oil spillages. Noise. Minimise usage, reduce speed and number of journeys, instruct operatives not to rev or leave motors running. Direct exhausts clear, use drip trays/bunds, refuel and carry out maintenance in designated area(s) using drip trays. Consider location of unloading/loading/ reversing/parking area(s).</i>
1.5 Noisy plant:	<i>Use less noisy plant, consider location, use barriers, minimise usage.</i>
1.6 Use of specific equipment [state]:	<i>Site manager to monitor and review.</i>
1.7 Radios etcetera:	<i>'In ear' audio equipment is not to be used on site [isolation hazard]. Radios [etcetera] must only be used with the prior permission of the Site manager. The equipment is to be located adjacent to the listener and the volume kept to a minimum.</i>
2 DUST	
Factors	Issues affecting the contract and control measures
2.1 Demolition:	<i>N/A</i>

Environmental Impact Assessment, continued ...

2 DUST, continued ...	
Factors	Issues affecting the contract and control measures
2.2 From roadways:	<i>Condition of site to be monitored. Mud is not to be taken onto public roads. Speed and number of journeys to be minimised. Road sweeping and road wetting to be implemented as required. Consider the use of 'netting' Heras fence line to reduce migration of dust.</i>
2.3 From car parks:	<i>Smoke [blue, black, white], PM10 particulate, fume NOX, etcetera, fuel and lubricating oil spillages.</i>
2.4 From storage areas:	<i>Minimise number of journeys, reduce speed. Monitor.</i>
2.5 Contaminated dust:	<i>None aware of. Site manager to monitor.</i>
2.6 Hazardous dusts:	<i>Contaminated soil, silica from cementitious products and stone, cement and wood. Dust suppression, wetting and extraction and use of RPE.</i>
2.7 Results of site investigation report:	<i>Refer to Pre-construction Information register. Site manager to monitor.</i>

3 AFFECT ON NEIGHBOURS	
Factors	Issues affecting the contract and control measures
3.1 Noise:	<i>The site is adjacent to the Corby Business College. Noise is to be minimised.</i>
3.2 Vibration:	<i>The use of heavy static plant such as stone crushers or large mixers is not planned. Site manager to monitor for change.</i>
3.3 Dust:	<i>Dust, from all sources, is to be minimised.</i>
3.4 Traffic:	<i>Deliveries to be minimised. Part filled vehicles should not be used. Early deliveries and deliveries made during school runs times must be avoided, ie prior to/during site opening and between the hours 08:30 to 09:30 and 15:00 to 16:00. Speed limits approaching and exiting the site, and on site are to be adhered to.</i>
3.5 Light:	<i>There are currently no plans to install outwards facing lighting or security lighting. Site manager to monitor for change and review.</i>

Environmental Impact Assessment, continued ...

3 AFFECT ON NEIGHBOURS, continued ...

Factors	Issues affecting the contract and control measures
3.6 Affect on sensitive operations:	<i>None aware of. Site manager to monitor for change and review.</i>

4 WASTE & WASTE CLASSIFICATION

Factors	Issues affecting the contract and control measures
4.1 Waste Plan:	<i>Site waste management plan managed by contractor APEX. Site manager to monitor for change the re-use of materials, eg off-cuts, and broken brick/block materials for hard core.</i>
4.2 Classify waste:	<i>Waste to be segregated on site, eg Gypsum [White], Hazardous [Orange], Inert [Grey], Metal [Blue], Mixed [Black], Packaging [Brown], and Wood [Green].</i>
4.3 EA Number:	<i>If required, to be provided by the contractor APEX managing the Site waste management plan.</i>
4.4 Hazardous/ Non Hazardous waste:	<i>Waste to be segregated on site and disposed of by waste contractor. Waste transfer 'slips' are to be retained within the CPH&SE Plan [Construction Phase Health & Safety and Environment Plan].</i>
4.5 Modify material:	<i>None planned. Site manager to monitor for change and review.</i>
4.6 Separate inert from non inert:	<i>Waste to be segregated on site, plasterboard, brick etcetera.</i>
4.7 Segregate materials for recycling:	<i>Waste to be segregated on site.</i>
4.8 Radioactive:	<i>None aware of. Site manager to monitor for change and review.</i>

5 CONTAMINATION

Factors	Issues affecting the contract and control measures
5.1 Site history and records:	<i>The site was previously an open cast quarry.</i>
5.2 Residual contamination from previous uses and users:	<i>None - aware of.</i>
5.3 Bacterial contamination:	<i>No immediate concerns raised. Site manager to monitor.</i>
5.4 Landfill site:	<i>NA.</i>

Environmental Impact Assessment, continued ...

6 LOCAL ECOLOGY & WILDLIFE HABITATS	
Factors	Issues affecting the contract and control measures
6.1 Site history and records:	<i>Refer to the Pre-construction information register, the site was previously for agricultural use</i>
6.2 Check information available from client etcetera:	<i>Refer to the Pre-construction information register. Site manager to monitor for change and review.</i>
6.3 Check site surveys:	<i>Refer to the Pre construction information register.</i>
6.4 Planning conditions and restrictions:	<i>None aware of.</i>
6.5 Nesting birds:	<i>01 Mar - 31 August. N/A no hedge clearance/works envisaged.</i>
6.6 Protected plant species:	<i>None.</i>
6.7 Protected animal species:	<i>None.</i>
7 WATER POLLUTION	
Factors	Issues affecting the contract and control measures
7.1 Water run-off from the site:	<i>Silty run off water must not be discharged to 'drains'. Site manager to monitor for change and review.</i>
7.2 Washout of concrete or mortar plant:	<i>Only where necessary, and to be carried out at a location specified by the Site manager.</i>
7.3 Washout from wheel was facility:	<i>Water used for wheel washing to be discharged to settling 'tank/pond' and not discharged directly to 'drains'.</i>
7.4 Silty water from ground de-watering:	<i>Water to be passed through settling tank prior to discharge.</i>
7.5 From fuel/ oil or chemical storage:	<i>Storage/bulk containers to be bunded. Bunds should be protected from the ingress of rainfall. Water held in bund to be disposed of by waste contractor.</i>
7.6 Spills from tank filling:	<i>Tank filling must be carried out over a suitable bund/tray.</i>
7.7 Bentonite and piling arisings particularly chalk:	<i>NA. Site manager to monitor for change and review.</i>
7.8 Ground water monitoring:	<i>Site manager to monitor and review. Note. groundwater is water located beneath the surface, surface water refers to streams, rivers, lakes, wetland,</i>

Environmental Impact Assessment, continued ...

7 WATER POLLUTION, continued ...

Factors	Issues affecting the contract and control measures
7.9 Contamination from former users:	<i><The site was previously used for Agricultural use</i>

8 AIR POLLUTION

Factors	Issues affecting the contract and control measures
8.1 Fires - prevent site bonfires where possible. If used ensure black smoke is not produced:	<p><i>Ashwood Homes procedures require a 'Permit to Burn', signed by the Construction managing director/ Construction manager. [a copy is issued to each employee, and a copy is held in the Site managers' guidance folder], advises that bonfires must:</i></p> <ul style="list-style-type: none"> <i>• Have a method of extinguishing the fire close at hand;</i> <i>• Comprise only of dry materials/waste produced on site;</i> <i>• Must not include foam materials, paint, plastic, rubber, or timber treated for dry and wet rot;</i> <i>• Be no greater than 3m in diameter;</i> <i>• Not be ignited with flammable or combustible materials;</i> <i>• Not cause problems or nuisance to adjoining properties, for example smoke, ash or smell, or cause smoke to obscure traffic routes;</i> <i>• Be constantly supervised, and</i> <i>• Be extinguished at the end of the day.</i>
8.2 Radioactivity:	<i>None aware of.</i>
8.3 Dust:	<i>Refer to paragraph 2 Dust. Dusts - all dusts, including soil, silica from cementitious products and stone, cement and wood, are potentially hazardous. Dust suppression must be used and RPE [respiratory protection equipment] worn. Where appropriate haul routes must undergo wetting.</i>

9 PRESCRIBED PROCESSES

Factors	Issues affecting the contract and control measures
9.1 Use of mobile crushing plant:	<i>NA. Site manager to monitor for change and review.</i>
9.2 Screening materials:	<i>NA. Site manager to monitor for change and review.</i>
9.3 Authorisation required before plant is used:	<i>Site manager to approve, authorise, monitor for change and review.</i>

Environmental Impact Assessment, continued ...

10 WORKING HOURS	
Factors	Issues affecting the contract and control measures
10.1 Check restrictions:	<i>There were no restrictions given in planning, 'Normal' working hours are 07.30 to 17.00pm.</i>
10.2 Planning environment:	<i>No additional limitations/restrictions.</i>
11 PLANNING ISSUES	
Factors	Issues affecting the contract and control measures
11.1 Project specific restrictions:	<i>None aware of. Site manager to monitor for change and review.</i>
11.2 Conservation areas:	<i>None aware of. Site manager to monitor for change and review.</i>
12 DIRT ON ROADS	
Factors	Issues affecting the contract and control measures
12.1 Ensure preventative procedures in place:	<i>Site manager to monitor for change and review.</i>
13 ELECTRICAL INTERFERENCE	
Factors	Issues affecting the contract and control measures
13.1 Affect on sensitive operations:	<i>No adverse transmissions/obstructions to signals intended. Site manager to monitor for change and review.</i>
13.2 Protective measures:	<i>NA</i>
14 LIGHT POLLUTION	
Factors	Issues affecting the contract and control measures
14.1 Affect on neighbours:	<i>The use of externally facing lighting is not envisaged. Site manager to monitor for change and review.</i>
14.2 Working hours:	<i>NA</i>
15 TREES, SHRUBS & HEDGES	
Factors	Issues affecting the contract and control measures

15.1 Conservation areas:*NA*

Environmental Impact Assessment, continued ...

15 TREES, SHRUBS & HEDGES, continued ...	
Factors	Issues affecting the contract and control measures
15.2 Tree preservation orders:	<i>None.</i>
16 HARMFULL PLANTS	
Factors	Issues affecting the contract and control measures
16.1 Japanese Knotweed:	<i>None</i>
16.2 Himalayan Balsam:	<i>None</i>
16.3 Giant Hogweed:	<i>None</i>
16.4 Toxic plants:	<i>None</i>
17 ELECTROMAGNETISM/ RADIATION	
Factors	Issues affecting the contract and control measures
17.1 Background levels:	<i>NA</i>
17.2 Contamination from previous uses:	<i>None</i>
17.3 Protective measures:	<i>NA</i>
18 SITE HISTORY INVESTIGATION	
Factors	Issues affecting the contract and control measures
18.1 Existing H&S Files:	<i><No existent H&S File.></i>
18.2 HSE records:	<i>None aware of.</i>

Environmental Impact Assessment, continued ...

18 SITE HISTORY INVESTIGATION, continued ...	
Factors	Issues affecting the contract and control measures
18.3 Environment Agency records:	<i>None aware of.</i>
18.4 Legal searches:	<i>None aware of.</i>
18.5 Local Authority Environmental Department:	<i>None aware of.</i>
18.6 The Vendor:	<i>None</i>
18.7 Anecdotal evidence or local knowledge:	<i>None</i>
18.8 Local newspapers and internet searches:	<i>None</i>

END

