

## PRE DEMOLITION AUDIT & SITE WASTE MANAGEMENT PLAN

Lawson Demolition is committed to the reducing waste created from demolition arisings, we fully support the Waste Confidence zero waste to landfill scheme and in most cases with the exception of hazardous material fulfil this target.

Over the last 3 years Lawson Demolition have ensured an average of 96% of waste has been recycled or treated avoiding landfill.

The Site Waste Management Plan (SWMP) will be implemented in line with the DTI's Code of Practice and the ICE's Demolition Protocol the SWMP will maximise the resource efficiency of the project thereby achieving sustainable construction objectives.

The plans created can be analysed to find ways of how to reduce waste levels, and how to increase the amount of materials that are recycled. The plan will provide a checklist of recycling opportunities to encourage reuse and appropriate recycling channels.

The plans created are reviewed and assess to find solutions to reduce waste levels, and how to increase the amount of materials that are recycled.

### Pre-Demolition Waste Plan

Each plan is adapted and tailored for each project to provide a guidance on what waste to expect.

The plans created can be analysed to find ways of how to reduce waste levels, and how to increase the amount of materials that are recycled.

What content to expect within the plans

- Responsibility for control and management of waste
- How we aim to minimise waste
- Forecast amounts of waste from the individual site
- Duty of care with regards to any hazardous waste
- Training and communication of waste procedures to our staff
- Actual waste figures – which are logged alongside forecast to allow accurate reporting on our targets
- A reviewing facility that allows us to review and revise the plan for each project.

Through use of the Waste Management Plan, we can promise our Client a high level of commitment to reducing waste and increasing recycling, as well as accurate reporting on the exact waste levels and types from our sites. We can monitor our own performance against forecasts, and set percentage targets for waste reduction.

### Recording of Waste

All waste removed from site will be recorded.

As the producer and transfer of waste Lawson Demolition will ensure we comply with the duty of care requirements as set out in Statute legislation. All waste removed from site will be transported by

Lawson Demolition as an approved licenced Waste Carrier all waste loads will be accompanied with a Waste Transfer Note.

The Waste Transfer Notes (WTN) provides a full audit from when the waste is produced to until it is disposed of. The WTN details a description of waste including EWC and SIC codes, quantity, date and site of transfer details.

All WTN's are recorded for every project. Copies are issued to the client with inclusion in the Project Closure file.

Upon completion of each project a Project Closure file will be compiled outlining a summary works completed, totals of waste recycled and disposed with copies of each WTN, the status of all utility services, drawings and markings for any relevant information regarding hand over.

## Pre-Demolition Waste Survey

| Action Point                                                                                                                                                                                                | ✓ If Yes           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| Has a careful evaluation of materials been made so that over-ordering and site wastage is reduced?                                                                                                          | ✓                  |
| Has full consideration been given to the use of secondary and recycled materials?                                                                                                                           | ✓                  |
| Is unwanted packaging to be returned to the supplier for recycling or re-use?                                                                                                                               |                    |
| Can unused materials be returned to supplier or used on another site?                                                                                                                                       | ✓                  |
| <b>Project Planning</b>                                                                                                                                                                                     |                    |
| Has a project programme been developed to include likely waste arising? (how much, when and what types)                                                                                                     | ✓                  |
| Has an area been designated for waste management, including segregation of waste?                                                                                                                           | ✓                  |
| Can targets be set for different types of waste likely to arise from the project?                                                                                                                           | Approx. quantities |
| Has disposal of liquid wastes such as wash-down water, dewatering or toilet waste been considered?                                                                                                          | ✓                  |
| Have measures been put in place to deal with expected (and unexpected) hazardous waste?                                                                                                                     | ✓                  |
| Have opportunities been considered for re-use of materials on site i.e. crushing concrete?                                                                                                                  | ✓                  |
| Have you considered what are the most appropriate sites for disposal of residual waste from the project?                                                                                                    | ✓                  |
| Record quantities of waste?                                                                                                                                                                                 | ✓                  |
| During site operations, are barriers to good waste management practice considered and noted for incorporation into the post-completion review?                                                              | ✓                  |
| Are there opportunities for reducing disposal costs from waste materials, which may have commercial value?                                                                                                  | ✓                  |
| <b>Site Operatives</b>                                                                                                                                                                                      |                    |
| Has responsibility for Waste Management and Compliance been assigned to a named individual?                                                                                                                 | ✓                  |
| Are containers/skips clearly labelled to avoid confusion?                                                                                                                                                   | ✓                  |
| Are the Duty of Care procedures complied with, including the provision of transfer notes and authorisation checks of registered carriers, registered exempt sites and licensed waste management facilities? | ✓                  |
| Are any checks made that excavation waste is received at the intended site?                                                                                                                                 | N/A                |
| Is implementation of agreed waste management procedures monitored?                                                                                                                                          | ✓                  |
| Are reports regularly produced regarding waste quantities and treatment/disposal routes, and on costs incurred?                                                                                             | ✓                  |

## Site Waste Management Plan

| List of waste identified on site and estimated to be generated during project |           |          |                |                  |               |                      |
|-------------------------------------------------------------------------------|-----------|----------|----------------|------------------|---------------|----------------------|
| Waste Type                                                                    | EWC Code  | Produced | Re-use on site | Recycle Facility | Dispose Waste | Estimated Quantities |
| Concrete                                                                      | 17.01.01  | ✓        | N/A            | ✓                | N/A           | 30 tonnes            |
| Brick/rubble                                                                  | 17.01.02  | ✓        | N/A            | ✓                | N/A           | 40 tonnes            |
| Tiles and ceramics                                                            | 17.01.03  | ✓        | N/A            | ✓                | N/A           | 100 kg               |
| Tiles, ceramics, etc. containing dangerous substances                         | 17.01.06  | N/A      | N/A            | N/A              | N/A           | N/A                  |
| Mixtures of concrete, bricks, tiles and ceramics                              | 17.01.07  | ✓        | N/A            | ✓                | N/A           | 1 ton                |
| Wood                                                                          | 17.02.01  | ✓        | N/A            | ✓                | N/A           | 4 tonnes             |
| Glass                                                                         | 17.02.02  | ✓        | N/A            | ✓                | N/A           | 200kg                |
| Plastic                                                                       | 17.02.03  | ✓        | N/A            | N/A              | ✓             | 100kg                |
| Bituminous mixtures                                                           | 17.03.02  | N/A      | N/A            | N/A              | N/A           | N/A                  |
| Copper                                                                        | 17.04.01  | ✓        | N/A            | ✓                | N/A           | 20kg                 |
| Aluminium                                                                     | 17.04.02  | N/A      | N/A            | N/A              | N/A           | N/A                  |
| Metal (mixed)                                                                 | 17.04.07  | ✓        | N/A            | ✓                | N/A           | 500 kg               |
| Cable                                                                         | 17.04.11  | ✓        | N/A            | ✓                | N/A           | 20 kg                |
| Excavated soil (contaminated)                                                 | 17.05.03* | N/A      | N/A            | N/A              | N/A           | N/A                  |
| Excavated soil (non-contaminated)                                             | 17.05.04  | N/A      | N/A            | N/A              | N/A           | N/A                  |
| Asbestos (bonded)                                                             | 17.06.05* | N/A      | N/A            | N/A              | N/A           | N/A                  |
| Asbestos (fibrous/insulation)                                                 | 17.06.01* | N/A      | N/A            | N/A              | N/A           | N/A                  |
| Insulation (Mineral wool)                                                     | 17.06.04  | ✓        | N/A            | ✓                | N/A           | 200 kg               |
| Gypsum based wastes (Plasterboard)                                            | 17.08.02  | ✓        | N/A            | N/A              | ✓             | 3 tonnes             |
| Demolition wastes containing dangerous substances                             | 17.09.03* | N/A      | N/A            | N/A              | N/A           | N/A                  |
| Mixed demolition and construction wastes                                      | 17.09.04  | N/A      | N/A            | N/A              | N/A           | N/A                  |

|                                                          |           |     |     |     |     |            |
|----------------------------------------------------------|-----------|-----|-----|-----|-----|------------|
| Paper                                                    | 20.01.01  | N/A | N/A | N/A | N/A | N/A        |
| Carpets, curtains and other geotextiles                  | 20.01.11  | ✓   | N/A | ✓   | N/A | 300 kg     |
| Fluorescent tubes                                        | 20.01.21* | ✓   | N/A | ✓   | N/A | N/A        |
| Mattresses, furniture and other bulky household items    | 20.03.07  | ✓   | N/A | N/A | ✓   | 200 kg     |
| Refrigerators and air/con equipment                      | 16.02.11* | ✓   | N/A | ✓   | N/A | 100 kg     |
| Discarded electrical equipment (no dangerous substances) | 16.02.14  | ✓   | N/A | ✓   | N/A | 20 kg      |
| Other (specify) Asphalt                                  |           | N/A | N/A | N/A | N/A | N/A        |
| Other (Specify) Green Waste                              |           | N/A | N/A | N/A | N/A | N/A        |
| Other (Specify) Roof Tiles                               |           | ✓   | N/A | ✓   | N/A | 1.4 tonnes |