

**CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN (CEMP) FOR HOW MATERIALS
WILL BE STORED ON SITE AND HOW THE CANAL WILL BE PROTECTED FROM DUST AND
SITE LADEN RUN OFF.**

SITE AT ; FORMER DEXTER PAINTS SITE, GANNOW LANE, BURNLEY.

LOCAL AUTHORITY REF: FUL/2021/0136

OUR REF : NIX/ 09/CEMP

DATE : October 2023.

1. INTRODUCTION .

This Construction Environmental Management Plan (CEMP) is provided to discharge the requirements of condition 19 of planning approval ref: FUL/2022/0136. The condition states:

‘Prior to the commencement of development, a Construction Environmental Management Plan (CEMP) should be provided to the local planning authority for approval in writing to include measures detailing how materials will be stored on site and how the canal will be protected from dust and site laden runoff.’

This report will therefore set out those measures of good practice during the site operations to minimise potential contaminants affecting the canal.

Regard is paid to the Canal and River Trust Code of Practice for Works Affecting the canal and River Trust where applicable.

Nothing in this report supersedes any separate requirement placed on the site developer to obtain any separate licence or agreement from the canal and River Trust.

In accordance with the requirements of the condition, this report addresses following three main elements identified by the condition:

- how materials will be stored on site;
- protection of the canal from dust
- protection of the canal from site laden runoff.

2. HOW MATERIALS WILL BE STORED ON SITE

In relation to the canal, which runs along the northern boundary of the site, the proposed development leaves a substantial area of open space between it and the developed part of site. The open space leaves a clear distance of undeveloped ground of about 23m to the canal edge, an area that will be kept free from development and accordingly, site construction activities. This natural barrier helps to minimise direct effects from site construction to the canal.

The area of storage on site is to be located at the opposite end of the site to the boundary with the canal. All materials will be stored safely and securely to prevent their and thereby any contamination of the canal.

The main management elements to ensure a safe on-site storage area include:

- Ensure that the storage area is well-lit, properly ventilated and well organised, with sufficient space to safely contain all of the potentially harmful substances
- All of the surfaces of the storage area must be impervious to the substances being stored, and should be easy to clean
- All hazardous substances and chemicals need to be stored in accordance with the manufacturer’s instructions and guidelines

- Substances that are incompatible with each other, or dangerous to keep in close proximity, must be stored separately, or in different locations
- Potentially flammable substances must be kept away from potential ignition sources, such as boilers and heaters
- Every item needs to be clearly and accurately labelled for ease of identification
- The number of different hazardous substances being stored should be kept to a minimum, as should the quantity of each substance kept on site
- Hazardous materials should be kept in close proximity to spill cleanup kits, so that staff will have easy access to cleaning materials in case of an accident
- Stores of potentially dangerous chemicals and liquids should be kept above ground, where they are less likely to be damaged
- Storage areas for hazardous substances should be marked out with appropriate safety signs, notices and hazard symbols, to inform employees about the potential risks and the necessary safety protocols involved in storing chemicals

In addition, there will be designated storage areas within the storage compound for organic waste; wood and metal; glass and chemicals. These will be clearly labelled together with any safety signage to allow a greater sense of organisation. Storage areas to be kept away from areas of high pedestrian use.

On site deliveries will also be proactively dealt with by embracing tidiness at all times and correct procedures are followed with accountability and adherence to relevant health and safety regulations these measures will reduce any risk of loose material or waste finding its way into the canal.

3. **PROTECTION OF THE CANAL FROM DUST**

Measures will be introduced to minimise the impact of dust during construction. The dust suppression measures to be employed include:

- Vehicle movements and speed kept to a minimum;
- Road sweeping employed around the site;
- Water damping where necessary;
- aggregates or fine materials will be transported in closed tankers or enclosed or sheeted vehicles.
- Excavation and dogging to be avoided in dry periods.
- Aggregates or fine materials will be transported in closed tankers or enclosed or sheeted vehicles.
- Any skip storage for such materials will be covered.
- All loads will be damped down whenever possible.
- Equipment for cleaning will be in place for accidental spillage.
- Any materials more than 3mm particle size to be in bunded areas.
- All excavation and digging areas to be kept damp and avoided during exceptionally dry weathers.
- Any stored soil to be sealed by seeding or covered with tarpaulins

- Any plant to be fitted with emission control equipment and mufflers.

4. **PROTECTION OF THE CANAL FROM SITE LADEN RUNOFF**

The actions below aim to prevent sand, soil, cement, dust and other building materials from reaching the canal:

- Site to be fenced and site entrances established;
- Work areas within the construction area to be stabilised with coarse aggregate to prevent debris being tracked out;
- Silt fences strategically placed down grade of the immediate work site to prevent untreated run off from entering the stormwater system -see plan attached
- Stormwater inlet protection;
- Washing equipment in contained area that does not reach the stormwater system;

Silt fence



5. **CONCLUDING REMARKS**

These measures in combination will ensure help to prevent and control sediment loss from the site during construction until the site becomes stabilised post when the site is completed.

