

Portsmouth Water

River Itchen Water Treatment Works

12 July 2024

Revision: 01

Construction Environmental Management Plan

1. Introduction

- 1.1. SLR has prepared this Construction and Environmental Management Plan (CEMP) on behalf of our client, Portsmouth Water, in connection with a planning application for full planning permission for the proposed installation of new permanent building to house a centrifuge; alongside a balancing tank, sludge cake skip and adjacent hard standing for temporary pallet storage at the River Itchen Water Treatment Works, Allington Lane, SO30 3EE.
- 1.2. This CEMP has been prepared to satisfy Eastleigh Borough Council (EBC), in order to demonstrate how the site will be appropriately managed during construction. It is intended that this CEMP will be conditioned for compliance to avoid further details to be submitted.

2. Vehicles

- 2.1 Construction vehicles will be limited to accessing the site between the times of 07:30hrs – 17:00hrs. This aligns with the current working hours for the site.

3. Construction Methods

Noise and vibrations

- 3.1. All noise and vibration will be kept to a minimum and will be minimal compared to the current background noise of the nearby M27 and Eastleigh airport.

Dust and air quality

- 3.2. All necessary measures will be used to suppress dust on site, by the use of water etc.

Storage of soil and Materials

- 3.3. Materials used in constructing the development shall be stored on site and in a safe and suitable way. All soil removed during construction will be tightly compacted ready to be used as back fill material in the future but will be grassed over in mean time so that it looks attractive. It will be maintained at a short length to ensure that it does not become a habitat in the longer term. Heaped soil will also be tightly covered and stored at night to

prevent water damage, and sediment runoff. No flammable materials will be stored near boundary fencing nor site boundaries.

Construction and Maintenance of Trenches and Earthworks

- 3.4. Contractors will park on site at all times with plenty parking available. All trenches will be kept open for as short of a period as possible as demonstrated above. All soil will be stored on site, compacted, covered at night, and used to backfill the trenches in the future. Any trenches that are left open overnight will be tightly covered or/and provisions will be made to deter any wildlife. Earthworks and exposed soil stockpiles are to be stabilized surfaces as soon as practical.

On-site Ecology

- 3.5. The site is currently well managed grassland. The site is surrounded by access tracks, commercial buildings, and existing solar panels. The existing land cover within the application site comprises either amenity grassland or hard surfaced access road, and as such the existing ecological value of the application site is considered to be very low
- 3.6. However precautionary measures (i.e. habitat manipulation) will be implemented if un-managed grassland habitats are to be cleared or managed. This would comprise of a staged sward reduction (in the active season for reptiles), involving an initial high cut 30cm (with cuttings removed), followed by the removal of vegetation to ground level the following day. In the unlikely event that reptiles are encountered, works will stop immediately, and an ecologist will be contacted.
- 3.7. Any clearance of vegetation on the site will take place outside of the nesting bird season. If this is not possible then, as a last resort, the absence of nesting birds should be confirmed by an ecologist prior to commencement of any works (within 48 hours). Should any active nests be found the appropriate mitigation will be put in place to allow the successful fledging of the chicks before the area is cleared.

On-site Archaeology

- 3.8. The proposed site is within an area of built environment where significant trenching services have previously been undertaken to lay cables and pipes for the units already on site. There is very little land within the red line boundary that has not already been disturbed in one way, or another, and during these previous works no archaeological remains have been found. A watching brief for any archaeological remains can be undertaken, if requested, whilst construction is in progress; should any archaeological remains be found, work will stop and appropriate professional advice will be sought.

Potential contamination of land, ecology and groundwater

- 3.9. All reasonable measures will be taken to manage risks of contamination. We have an active in-house environmental team that visit site regularly. Spill kits are readily available on site to manage any issue.



Communication with the public

- 3.10. There is no requirement to communicate this work to the public, save for the residents of Waterworks Cottages situated on the access road to the site.

Monitoring the CEMP

- 3.11. The CEMP will be monitored by the PW project manager.

4. Conclusions

- 4.1. Construction will be undertaken by the contractor. This Construction Environmental Management Plan provides details of the work to be undertaken during the construction of the proposed works and the mitigation measures to be employed as of a result of development.
- 4.2. Site Management teams will also be responsible for the monitoring of site conditions. Site management teams will enable or if needed instruct any works which are required to mitigate against problems brought about by site conditions during development construction.





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