**Appendix Four:**

**Construction Management Plan for Old Hall Marshes habitat improvement project**

**Times during which all construction activities will take place**

Work will take place between the months of August and November inclusive, to avoid disturbance to breeding and wintering bird species and to provide ideal ground conditions. This is also a planning condition. Works, including deliveries of plant and materials, can only take place between 8 am and 5:00 pm Monday to Friday.

1. **Affected parties and stakeholders**

The parties most likely to be affected by the site operations are visitors to the site, the residents of Old Hall Lane, and users of the surrounding roads including traffic and pedestrians using the public byway and highway.

1. **Phasing of the development**

The development will take place in three broad phases:

1. Re-profile ditches and repair/renovate crossing points
2. Install tilting weir
3. Create new island in Pennyhole bottom
4. **Measures to manage noise and dust emissions during construction**

Delivery of plant and materials and working hours will take place between 8am and 5:00pm to reduce off-site noise and disturbance to neighbours at unsociable hours and to keep movements on Old Hall lane outside of these hours to a minimum.

The ground material on site is heavy clay and as such works to excavate scrapes and ditches and to create bunds and islands, will create minimal dust emissions.

On-site noise during site operations is less likely to be an issue for our direct neighbours due to relative distance between our work zones and the nearest receptors. Visitors to the reserve will be separated from site operations and given the distances involved noise is not expected to be an issue.

1. **Protective fencing to secure the site**

The site is a nature reserve which requires livestock to manage vegetation for target features. As such, in-field works areas are closed off from the public via stock fencing. This stock fencing will be used to prevent public access to these areas.

The location of the tilting weir installation will need to be secured with HERAS fencing to ensure that interaction between the public and construction in this area is kept to a minimum.

1. **Signage at vehicle and pedestrian crossing points**

At locations where construction vehicle routes cross a pedestrian route signage will be in place to ensure users of both routes are aware of the crossing location in advance and to advise caution. These locations will be in areas with clear visibility for all users of both routes. Contractor to provide construction signs and RSPB will also provide signage before and during works.

1. **Construction site access details**

Access to the site for construction vehicles will be via Old Hall Lane. This is a single lane public highway and byway. That the RSPB has a right of access at all times and for all purposes. Dump trucks and tracked excavators will be delivered to the site using low loaders. Access for all construction and delivery vehicles will be between 8 am and 5:00 pm. Residents of Old Hall Lane will be informed of when the construction phase is due to begin. The current speed limit on Old Hall Lane is the National Speed limit. However, during the works a speed limit of 10mph will be enforced for all construction vehicles on Old Hall Lane to ensure safe movement of all vehicles.

1. **The parking of vehicles of site operatives and visitors**

Site operatives’ vehicles will be parked within the work zones, but away from the existing public footpath network.

1. **Loading and unloading of plant and materials**

Unloading of materials will take place in the materials storage area (Map 7). Delivery vehicles will use this as a turning area, with banksmen in place to ensure safe turning procedures are followed.

Loading and unloading of plant will take place in the materials storage area. Banksmen will be in place to ensure safe loading and unloading procedures are followed.

1. **Storage of plant and materials used in constructing the development**

Plant storage options:

* In-field away from public rights of way
* In the barn in the RSPB yard (Map 7)

Vehicles stored with appropriate anti spill measures including drip pads. Spill kits to be kept with vehicles at all times in the event of spillage.

Materials storage:

* Area of hard standing material (Map 7)
1. **Measures to prevent the tracking out of mud and debris onto the highway**

Vehicles delivering plant and materials should not require washing facilities as they will be kept to hard standing surfaces. However, all vehicles leaving the site will be inspected and jet washed accordingly.

All machinery (excavators and dump trucks) will be loaded before they reach the public highway

1. **Continued safe passage of users of the public right of ways across the development siteduring the construction phase**

Access to the site for each phase of works will require the use of vehicles along the public right of way. The site is a nature reserve and working farm and as such some public footpaths lie along management tracks which are currently used by ATVs, 4x4s and tractors on a daily basis.

Where feasible it is proposed that the public footpath will be diverted, as shown on Map 6 (RSPB to arrange). Signage will be used to advertise the diversions. HERAS fencing must be used when constructing the tilting weir to close the public footpath (contractor to provide HERAS fencing).

Where the diverted public rights of way cross routes used by construction vehicles, signage will be in place to warn the public of construction vehicles, and to ensure construction vehicles are aware of pedestrians crossing.

In some areas it will be necessary to maintain the current public right of way in areas used by construction vehicles (Warning signage will be in place to inform the public of construction vehicles, and a speed limit of 5 mph will be in place for all construction vehicles. Banksmen will be used where required.

1. **Potential conflicting operations**

Efforts will be made to avoid Friday mornings which is refuse collection day on Old Hall Lane. There is also usage of Old Hall Lane by the nearby Turf farm who use a section of it for moving from one side of their operation to a nearby farmyard. All contractors must courteous and respect other users and operations. Signage will be erected at the top of the lane informing traffic of potential large vehicle movements during the period of construction.

1. **Community liaisons and nominated persons**

The community on Old Hall lane will be informed via letter drops and emails, so they are aware that works will be commencing. We have already consulted with key households on Old Hall Lane to revise the number of traffic deliveries on site. Once a confirmed start date is known, we will communicate this using the same methods. We will also inform of demobilisation dates.

The nominated liaison person for the RSPB will be Kieren Alexander - Site Manger and the contractor once known will also have a nominated liaison person.

1. **Maps**



