

## YMCA River pontoon

### 1. Site Location and Works

The site location is on the site of the YMCA Fairthorne Manor see the attached location information for details of the site location.

The works has been laid out in the method statement but a summary of the work is to attach a 3m by 13m floating pontoon onto guides that are attached to a sheet pile wall on the banks of the Fairthorne site. This has been shown in the attached pontoon dimensions drawing supplied by Solent Marine. Also within the proposal is the removal of old piles within the river and also the removal of an old mould that is in the river freeing up mud habitat.

### 2. Required Consents

Harbour works consent from River Hamble harbour authorities

Crown Estate for a small works license – this is ongoing and crown estate have been on site and I am currently waiting for advice on the next step in regards to this.

A marine license from the Marine Management Organisation (MMO) this is ongoing

A Permit from the Environment Agency

Planning permission from Winchester County Council this is currently being looked into and awaiting a decision if this is needed.

### 3. Proposed Use

The proportion for the use of the pontoon would be for improving the access onto the water for sailing boats and educational trips for young people adults and people with additional needs to enjoy the river and gain access to the natural environment via power boats that are already used on the water so there would be no increase in powered vessels on the water. It would also make the access onto the water safer for all who use it improving the health and safety of people on site. The pontoon would get most use during the summer months as water based activities do not run during the winter period. It would be for the soul use of the YMCA Fairthorne manor and the clients who use us on organised activities. The pontoon would fall under the risk assessments carried out for pontoons on the centre all risks associated with the pontoon will be managed in accordance with the measure identified in the risk assessment.

### 4. Navigation

I believe the addition of this pontoon would not effect navigation on the river as it will sit 3m out from the bank and in no way near the main flow of water and main channel of the river. With the removal of the piles will help with navigation as they do sit into the river and closer to the main channel removing them will remove an obstacle.

### 5. Method Statement

Below is the methodology that has been sent to me by Solent Marine Ltd they will be the ones installing the pontoon into its permeant position. Currently the pontoon is floating so there will be no need for a crane lift of the pontoon. Also to make things clear there is no piling within this plan. The runners will be held in position by a small Hiab crane from the side and welded from there. Any waste material from grinding and the build will be caught on the sheets placed onto the mud and swept up and disposed off.

Below is the outline of the method used it will be in three stages tide dependant this will take place over the course of 2 separate days.

Pontoon modification:

The pontoon will be brought onto the slipway at high tide and secured into place so that at low tide the pontoon will stay on the slipway so the work can be carried out.

- Solent marine will then make any modifications to the frame needed on the dry pontoon this will include

- Moving cleats.
- Drill & treat frame.
- Bolt on ladder & one set of pile arms.

While the tide is low we would also attach the runners to the sheet pile:

Boards will be placed onto the mud to form a working area and to also provide a barrier between the mud and any work that is going on including collecting any debris that falls.

The equipment will be set up including the generator to be put on anti-spill mat.

The next steps would be Grind clean surface of sheet pile at weld locations, Position runners & secure in place, Weld runners directly to sheet piling. Finishing with Treat any exposed metals.

All equipment will be removed and a Clean-up/Make site as found would take place.

At the same time the tide is low the piles would be removed by cutting them off as low as possible and the large old mould that is within the river would be removed and disposed off by the YMCA.

Attaching Pontoon would take place when the tide is up, once pontoon is floating it would be pull into position over runners and the other remaining side of pile bracket would be bolted on

Oliver Powell  
Design Engineer  
Solent Marine Ltd.  
Tel: 02392 466 666  
www.solentmarine.com  
Mill Rythe Lane  
Hayling Island  
PO11 0QG

## 6. Protected Areas

The area for the pontoon does fall within protected area thises are listed below.

SSSI – Site of special Scientific Interest

SPA – Special Protected area

SAC – Special Area Conservation

Ramsar

## 7. Impacts on Protected Areas

There would be no impact from the works to install the pontoon on the protect area as the works is very small and the measures to protect the area such as using boards to cover the mud and the collection of all if any of the filings from the grinding would stop any from entering the river. The generator would be within a bucket to stop any chance of spillage from this.

Once the pontoon is in place it would at low tide sit directly onto the mud the pontoon it self is 36m<sup>2</sup> on the decking however the pontoon is sat on 6 concrete floats each float is 2.88m<sup>2</sup> meaning a total of 17.28m<sup>2</sup> of pontoon will be resting on the mud at each low tide with the removal of the old mould estimated at 5 – 7m<sup>2</sup> from the river this would mean that there would be a very small impact on the mud and any habitat associated with the mud.