

**Date**            12<sup>th</sup> August 2018

### **Objectives**

Improve access for trip boat at Ebridge lock and water flow at spillway

Raise east canal bank above Ebridge lock

Make Honing staithe and canal walk more accessible for pedestrians

### **The Plan**

Clear weed/reed at Ebridge lock and spillway

Raise bank height over trial section where it is lowest and most eroded using sand bags

Tidy up at Honing staithe and canal walk.

### **Work Achievement**

Despite the forecast the day was mostly dry with just a few spots of rain.

### **Bank raising**



The area for trial was strimmed to ground level and the vegetation removed. Approximately 40 sand bags were filled from the heap of granular material opposite the mill building. The material was mixed with OPC at a ratio of 15:1.

An electric sack barrow was used to move the sand bags to the 'quay side' (above the lock). The mill pond at the its west end was deemed to shallow for the Sue B to come in close. The Sue B was used to transport the sand bags and clay back fill to the trial area.

The bags were placed at the top of the bank (approximately a 100mm rise per layer of bags) Several additional bags were required were the damage had cut into the bank. Clay was used behind the bags at this point to create a cohesive barrier of low permeability – this may require puddling at a later date.

### **Tidying up**

Reed and weed was removed from the canal above the lock. The reed/weed removed earlier was taken to the east hedge line. Subsequently the vegetation cut from the lock walls at a previous work party was removed from the lock chamber. Some reed and weed was also removed from the southern end of the spillway. (Removal of more of the bund to the canal side of the top of the spillway will improve flows. Also there is some work required to the east of the outfall of the backsoko at the bottom of the spillway where some material has been eroded from under the concrete headwall)

Unfortunately, there were insufficient volunteers to split into two work parties for the afternoon so it was decided to focus on the trail bank raising – return to Honing 26.08.18

GP Work party leader for bank raising

CH work party leader for tidying up

There were six volunteers