



Fair-A-Far Weir Repairs

Weekly Progress Report #16 w/c 11th December 2017

Overview

This progress report focuses on the construction works associated with Fair-A-Far Weir Repairs project on the River Almond in Cramond, Edinburgh. The scope of the project is to improve fish passage along the river by building a new larinier fish pass to replace the existing, ineffective fish pass; and also to repair the damaged blocks on the weir crest to avoid creating a false attraction flow to migrating fish.

Since commencing on 7th August 2017; works have been undertaken to construct the river crossing and causeway to gain access to the fish pass, install the temporary dam upstream of works area, complete weekly fish rescue operations, survey and remove damaged crest blocks, and begin building the fish pass structure. After suffering from an unexpected flood which caused some delay, progress has since been good.

Progress

- **Poured Upper Sloping Channel Base and Wall**

Unfortunately delayed by a day due to cold weather, we did pour the upper sloping channel base on Wednesday this week. This base will then be fitted with the Larinier Fish Baffles which alter the flow and pattern of the water coming down the channels, allowing the fish to swim more easily up through the pass.

We also continued straight on the next day with preparing to pour the outer channel wall. This marked an important milestone as other than the cutwater, that was the last of the larger structural concrete pours.



Upper sloping channel base and walls completed

- Masonry Cladding

The masonry cladding works suffered some delays this week due to poor weather. We weren't able to get the progress we were hoping for; however, we were able to complete the front wall. The cladding still needs to be capped with coping stones, however finishing this part allows the bricklayers to move on and start cladding the central wall next week.



Masonry cladding completed to front wall, other than coping stones

- Eel and Lamprey Pass

We were also able to begin some preparatory works for the eel and lamprey pass which runs round the outside of the main structure. This pass has a smaller channel and special tiles to allow the eel and lamprey to climb the weir, rather than the baffle plates which will be used in the main pass for the fish.

Looking Ahead...

Work next week will include;

- Continue with building the eel and lamprey pass
- Continue with masonry cladding to the middle wall
- Tidy up site for the Christmas Holidays

- Christmas Holidays

The site will be closed over the Christmas Holidays, with all plant and materials being moved away from the main works area and into the site compound and storage area on the Southern river bank. This is to ensure the empty site has little to no impact on the environment or local area if there was to be a flood event whilst no one was there. The site will be closing around midday on Friday 22nd December 2017, and currently hoping to reopen on Wednesday 3rd January 2018 – depending on available resources.