

PPC/A/1103677 – SEM Energy Ltd

Non-Technical Summary

The installation currently accepts and stores K2 fish mortality waste on site. This variation is to authorise the site to macerate and ensile this fish waste using Formic Acid to stabilise the mixture prior to storage and reduce the potential for odour.

These are accepted into a reception corral/bin before being transferred via metal detection conveyor where they are checked by operators for foreign objects. The fish waste is then moved by auger to the indoor hopper prior to macerating and mincing where they will be dosed with formic acid until the pH reaches below pH4. This is tested in the in-house lab and once approved the batch is stored in the holding tank for 24 hours at pH4 before being moved to storage tanks.

The operator proposes to further treat this waste on site to produce bonemeal for fertiliser and use the resulting fish oil to make biodiesel. A variation application for this part of the process is currently being prepared and will be submitted to SEPA imminently.