

Marina restoration

Case Study



Land and Water Services (LAWS) use Prolec's latest dredging monitoring system pcX-Pro for Cornwall's marina redevelopment scheme.

Contractor 4Recycling has been working alongside dredging specialist Land and Water Services, to come up with a solution to treat and reuse more than 32,000 tonnes of PCB-contaminated sediment.

LAWS machine, a Hitachi ZX280, was used on an eight piece Ravestein pontoon. To achieve the highest accuracy on this job and not to remove more material than needed, the machine was equipped with Prolec's latest dredging monitoring system pcX-Pro.

The system uses marine grade AS7 angle sensors and a combination of one RTK GNSS antenna with Prolec's unique CANBUS heading compass. Additional for use on other jobs, a shadow mode system has been set in place in the supervisors office. Using this remote system, a full access to all views and a clear image of job progress is given. Again showing the ability of Prolec to tailor systems according to customer's specifications.

Who

Land and Water Services (LAWS)

Summary

Prolec's pcX-Pro is used by Land and Water Services dredging specialist and contractor to treat and reuse more than 32,000 tonnes of PCB-Contaminated sediment.

Services provided

- Tailored systems according to customer's specifications
- The system used marine grade AS7 angle sensors and a combination of one RTK GNSS antenna with Prolec's unique CANBUS heading compass

Benefits delivered

- pcX-Pro achieved high accuracy on the job and did not remove more material than needed
- Full access to all views and a clear image of job progress was provided
- Restoration has been cost-effective and environmentally beneficial

