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| **Helmshore Debris Screen, EA** |



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| **Client:** | Environment Agency |
| **Nature of the works:** | Environmental Works, In Channel River Works |
| **Scope & Service provided:** | Install a new precast concrete channel to enable installation of a new debris screen with and access bridges within the existing river channel alignment to alleviate potential flooding risk to properties further downstream. |
| **Value & Duration:** | The works involved   * Undertake FRAP licence application for all temporary and permanent works structures. * Diversion of the live river flows via an purpose made temporary river channel. * Excavation of the existing river channel and construction of an insitu concrete foundation slab to accept the precast concrete channel sections. * Supply and installation of precast concrete channel units, including preparation of lifting plans. * Stone work facing to the precast concrete channel walls so to be sympathetic with the surrounding area. * Installation of Gabion Basket river channel retaining to discourage erosion of the embankments upstream of the debris screen. * Procurement of steel debris screen, assess bridge and hand rails. * Construction of concrete slabs to facilitate parking and HGV access to enable mechanical clearing of the debris screen during high river flows   £130,000 over a 6-week period |