



BRIGHT PLAN CIVILS

Environment Agency Flood Risk Activity Permit Application – Risk Assessment

Job Reference: D1956 – Bilsham Lane, Yapton

Date: 30th August 2022

Hazard	Receptor	Pathway	Probability of Exposure	Consequence	Severity	Risk Management Techniques	Overall Risk
Striking underground services	Contractor	Direct from construction activity	Low	Injury to Contractor, potentially ranging from minor to severe	Low to High	Statutory undertaker records to be reviewed prior to works being undertaken. The area of works shall also be scanned using appropriate equipment (CAT) prior to breaking ground.	Low
Trench collapse	Contractor	Direct from construction activity	Low	Injury to Contractor, potentially ranging from minor to severe	Low to High	Any excavation is to be properly supervised and inspected prior to entry. Excavations to be supported, as appropriate, with suitable means of access/egress also provided.	Low
Detrimental impact to water quality through contamination	Water quality and wildlife	Direct run-off from the site where materials and/or possible contaminants/pollutants may be present	Low	Detrimental impact upon water quality and wildlife. Loss of habitat	Low	No construction materials and/or possible contaminants/pollutants to be stored within the	Low

						vicinity of the proposed works. No tool are to be re-filled/re-fuelled within the vicinity of the works.	
Increased siltation caused by working in the vicinity of the culverted Main River, including when breaking out the culvert, resulting in direct disturbance	Water quality and wildlife	Direct run-off from the site, or 'in channel' flows from the work area	Low	Detrimental impact upon water quality and wildlife. Loss of habitat	Low	Contractor to implement measures to reduce possible increase in siltation. Culvert to be surveyed (CCTV) prior to works being undertaken and also upon completion of the works. Any sediment requiring removal during and/or upon completion of the works to be disposed of as appropriate.	Low
Flooding as a result of temporary works in relation to the unnamed culverted Main River	Contractor and local community	Overland flow from culverted Main River	Low	Flooding to neighbouring land/property	Low to Medium	Flows to be monitored and assessed by Contractor, and works to be undertaken during periods of low flow. Contractor to provide 'over pumping' to enable flows to continue downstream Existing topography has been assessed; the site is flat, with nominal fall	Low

						to the west within the vicinity of the proposed culvert works. Any flows would fall away from property, to the west.	
Flooding as a result of pump failure, in relation to 'overpumping'	Contractor and local community	Overland flow from culverted Main River	Low	Flooding to neighbouring land/property	Low to Medium	Flows to be monitored and assessed by Contractor, and works to be undertaken during periods of low flow. Contractor to provide 'over pumping' to enable flows to continue downstream Contingency plans to be in place from Contractor in the event of failure of the pumping arrangement(s)	Low