
	<h1>HAZARD/RISK ASSESSMENT</h1>	Approved by: FP	No: S4007-MSG-FRAP-HRA-01
			Issue: 0
Contract: Mereway Sluice Gate		Date: 25/07/19	

Operation: **FRAP application – Key Activities**

Hazard	Persons Affected	Risk(s)	Risk Rating			Control Measures	Residual Risk		
			L	S	R		L	S	R
Stop logs installation	<ul style="list-style-type: none"> All site ops Local residents 	<ul style="list-style-type: none"> Flooding Damage to property Damage to business Risk to life Abortive works Time delay Cost increases 	7	8	56	<ul style="list-style-type: none"> Stop logs to be sound and fit for purpose. EA to provide checks for adequacy of equipment to be used (EA free issue stop logs) JCE to undertake any checks needed to ensure equipment is sound. Monitor weather conditions. Sign up to EA flood alert system. Set up easy to view water level gauge. Follow the flood protocol. Plan works and adapt to changing conditions where practically possible. Communicate with core team(s). Removal of stop logs as per flood protocol procedures. Use existing bypass channel for flow conveyance 	2	8	16


Risk Rating R (1 → 100) = Likelihood L (1 → 10) x Severity S (1 → 10)	1 → 9	10 → 24	25 → 39	40 → 100
	Insignificant	Tolerable	Undesirable	Unacceptable

	<h2 style="margin: 0;">HAZARD/RISK ASSESSMENT</h2>	Approved by: FP	No: S4007-MSG-FRAP-HRA-01
			Issue: 0
Contract: Mereway Sluice Gate		Date: 25/07/19	

Operation: **FRAP application – Key Activities**

Hazard	Persons Affected	Risk(s)	Risk Rating			Control Measures	Residual Risk		
			L	S	R		L	S	R
Gate installation	<ul style="list-style-type: none"> • All site ops • Local residents 	<ul style="list-style-type: none"> • Flow disruption • Flooding • Delay • Damage to properties • Risk to health • Risk to channel wildlife • Inadequate lifting capability • Storage in possible flood zone 	7	8	56	<ul style="list-style-type: none"> • Monitor weather conditions. • Sign up to EA flood alert system. • Set up easy to view water level gauge. • Follow the flood protocol. • Plan works and adapt to changing conditions where practically possible. • Communicate with core team(s). • Removal of stop logs as per flood protocol procedures. • Crane platform to be designed in accordance with (EA) supplied ground investigation. • Suitably sized plant/crane to be used. • Gate is fabricated off site and installed as delivered. No storage needed. • Use existing bypass for flow conveyance. 	2	8	16

Risk Rating R (1 → 100) = Likelihood L (1 → 10) x Severity S (1 → 10)	1 → 9	10 → 24	25 → 39	40 → 100
	Insignificant	Tolerable	Undesirable	Unacceptable

	<h2 style="margin: 0;">HAZARD/RISK ASSESSMENT</h2>	Approved by: FP	No: S4007-MSG-FRAP-HRA-01
			Issue: 0
Contract: Mereway Sluice Gate		Date: 25/07/19	

Operation: **FRAP application – Key Activities**

Hazard	Persons Affected	Risk(s)	Risk Rating			Control Measures	Residual Risk		
			L	S	R		L	S	R
Bridge installation	<ul style="list-style-type: none"> All site ops 	<ul style="list-style-type: none"> Inadequate lifting capability Storage in possible flood zone Damage/vandalism to fabricated item Time loss Cost increase 	5	6	30	<ul style="list-style-type: none"> Crane platform to be designed in accordance with (EA) supplied ground investigation. Suitably sized plant/crane to be used. Gate is fabricated off site and installed as delivered. No storage needed. 	2	6	12
Crane usage/set up	<ul style="list-style-type: none"> All site ops EA 	<ul style="list-style-type: none"> Inadequate lifting capability Plant position in possible flood zone Crane collapse Crane collapse in channel Possible flooding Possible pollution Injury Risk to wildlife Time delay Cost increase 	5	8	40	<ul style="list-style-type: none"> Crane platform to be designed in accordance with (EA) supplied ground investigation. Suitably sized plant/crane to be used. Lift to be planned to allow for safe working next to the channel. Slew restrictors to be used if deemed needed. Lift permit to be compiled to lifting. Monitor and ensure conditions or suitable on the day. 	2	8	16

Risk Rating R (1 → 100) = Likelihood L (1 → 10) x Severity S (1 → 10)	1 → 9	10 → 24	25 → 39	40 → 100
	Insignificant	Tolerable	Undesirable	Unacceptable