

RISK ASSESSMENT WCTRA S17

Sealing the stop planks at Bridge 4

Canal: Wendover Canal	Site address: Bridge 4	<i>All work to be carried out with accordance with HSE Guidance note HSG150</i>
Work Location: Canal between bridges 4 and 4a	Operation: sealing the stop planks	RA Sheet No: 1 of 4
		Date Task Starts: 3 rd March 2023

Likelihood (L):

1	EU	Extremely Unlikely
2	U	Unlikely
3	L	Likely
4	VL	Very Likely
5	AC	Almost Certain

Severity (S):

1	FAC	First Aid Required
2	LTI	Lost time injury
3	>3d	Time off work more than 3 days
4	MI	Major Injury
5	F	Fatal

Risk value = LxS
Risk Level High / Medium / Low

AC	5	10	15	20	25
VL	4	8	12	16	20
L	3	6	9	12	15
UL	2	4	6	8	10
EU	1	2	3	4	5
	FAC	LTI	>3D	MI	F

No.	TASK	HAZARD	WHO IS EXPOSED AND HOW	RISK LEVEL				CONTROL MEASURES	NEW RISK LEVEL				FURTHER ACTION
				L	S	R	RL		L	S	R	RL	
1	Arrival on site	Traffic	Volunteers, visitors, public. Impact injury from moving trollies.	4	3	12	H	Ensure there is adequate space off towpath for people. Do not stand or work on towpath without banksman. Wear Hi-viz clothing. Ensure members of the public have space to move around materials and equipment.	1	3	3	L	



2		Weather	Volunteers, visitors. Effects of cold, precipitation.	4	1	4	M	Wear appropriate clothing to suit weather conditions. Take hot drinks and food as appropriate. Establish a shelter for people.	1	1	1	L	Monitor weather conditions during the work day
3		Uneven ground	Volunteers, visitors, public. Slips, trips and falls.	4	2	8	M	Avoid vegetation and puddles that may hide changes in ground conditions. Wear appropriate footwear. Establish pedestrian routes. Ensure public routes are not disturbed.	1	2	2	L	
4		Public	Volunteers. Aggressive behaviour	2	4	8	M	Park site vehicles off public routes. Do not congregate on public routes. Do not erect shelters on public routes. Place warning signs either end of the work area. When dealing with aggression from members of the public, avoid confrontation.	1	4	4	M	
5		Animals	Volunteers. Attack, stings and bites.	3	3	9	M	Avoid entering areas where livestock may be kept. Don't disturb insect nests. Proceed with caution where animals are loose. Wear long clothing. Do not approach dogs off lead.	1	3	3	L	
6	Setting up material storage	Materials	Volunteers. Manual handling injury.	3	2	6	M	Use mechanical means to unload where possible. Only use volunteers capable of lifting the load. Take breaks to avoid fatigue.	1	2	2	L	
7		Materials	Volunteers, public. Entrapment, impact injury from falling stockpiles.	3	3	9	M	Store materials on level ground. Place loose materials in designated area. Site materials away from public areas.	1	3	3	L	




8	Operation penstocks	Windlass	Volunteers. Impact injury from flying windlass	3	4	12	H	Use both hands when operating windlass. Do not leave windlass on wind mechanism. Ensure catch is in use on the rack.	1	4	4	M	
9		Windlass	Volunteers. Manual handling injury	3	3	9	M	Use correct stance when operating windlass. Do not use jerking motion.	1	3	3	L	
10	Retrieving aluminium stop planks	Atmosphere	Volunteers. asphyxiation	3	5	15	H	Ventilate chamber before entry. No lone working. Only enter the chamber sufficiently to reach the stop planks. Do not enter the bottom of the chamber.	1	5	5	M	
11		Falls	Volunteers. Injury from striking chamber bottom	3	4	12	H	Ensure the ladder is secure before using. When working from ladder ensure 3 points of contact. Ensure footwear and ladder rungs are clean. No lone working.	1	4	4	M	
12	Installing tarpaulin to stop planks.	Entry into canal channel.	Volunteers. Fall from ladder.	3	3	9	M	Ensure the ladder is secure before using. When working from ladder ensure 3 points of contact. Ensure footwear and ladder rungs are clean. No lone working.	1	3	3	L	
13		Moving on canal bed.	Volunteers. Slips trips and falls.	3	3	9	M	Use ranging rod to probe ahead where the bed cannot be seen. Wear suitable footwear. No lone working.	1	3	3	L	
14		Tarpaulin	Volunteers. Injury from entanglement in loose fabric	3	3	9	M	Use two volunteers to open out and spread tarpaulin. Do not carry out the work in windy conditions. Weigh down/secure the tarpaulin as soon as possible after installation.	1	3	3	L	Monitor weather conditions.



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15		Sandbags	Volunteers. Manual handling injury.	3	3	9	M	Only half fill sandbags. Move sandbags one at a time. Use mechanical means to move sandbags where possible (barrow). Ensure correct manual handling techniques are used.	1	3	3	L
16	Refilling canal with water	Water	Volunteers. Becoming trapped in canal.	3	3	9	M	No lone working. Allow the water to rise slowly. Use correct footwear. Leave the canal bed when the water level becomes too high.	1	3	3	L
17		Water	Volunteers. Leptospirosis.	3	5	15	H	Avoid contact with water. Cover open wounds. Wash hands before eating, drinking or smoking.	1	5	5	M

CAN THE JOB PROCEED? <i>(Tick one box)</i>	<input type="checkbox"/>	Safe using existing control measures	
	<input checked="" type="checkbox"/>	Safe using existing + additional control measures	
	<input type="checkbox"/>	Not safe to proceed	
ARE THERE ANY LONG-TERM CONTROLS?	Carry out a dynamic Risk Assessment when you arrive on site and adapt the Risk Assessment to suit any changes that may have occurred, particularly weather conditions.		
ASSESSED BY:	Name: M Bradley	Name (signed) M Bradley	Date: 1 st March 2023
AUTHORISED BY:	Name (Printed) M Wright Health & Safety Coordinator	Name (Signed) 	Date: 1 st March 2023

Signed by: Mike Wright signature