

RISK ASSESSMENT WCTRA S16

Laying a Towpath (Unbound Stone)

Canal: Wendover Canal	Site address: Little Tring Towpath	<i>All work to be carried out with accordance with HSE Guidance note HSG150</i>	
Work Location: Little Tring Towpath	Operation: Laying a Towpath	RA Sheet No: 1 of 5	Date Task Starts: TBA

Likelihood (L):

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

Severity (S):

1	NM	Near Miss
2	Min	Minor injury, no lost time
3	>3d	Time off work more than 3 days
4	Maj	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
	NM	Min	>3D	Maj	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 vehicles.	4	5	20	H	Ensure there is adequate space off road for people. Do not stand or work in road without traffic control. Wear Hi-viz clothing. Ensure members of the public are not diverted onto a road.	1	5	5	M	



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		Contaminated material	Visitors, volunteers. Skin, eye irritation. Puncture wounds from needles, glass. Disease from faeces.	3	3	9	M	Avoid contact with unknown materials. Wear gloves. Avoid contact with face and eyes with dirty hands. Do not handle needles or glass. Wash hands before eating, drinking or smoking. Cover open wounds.	1	3	3	L	




7	Setting up material storage	Materials	Volunteers. Manual handling injury.	3	2	6	M	Use mechanical means to unload. Trained banksman to be used to assist loading and unloading. Certified lifting equipment to be used.	1	2	2	L	
8		Materials	Volunteers, public. Entrapment, impact injury from falling stockpiles.	3	3	9	M	Store materials on level ground. Do not stack bulk bags. Trained banksman to assist unloading and loading. Certified lifting equipment to be used. Site materials away from public areas.	1	3	3	L	
9	Excavation for towpath	Uneven or sloping ground	Volunteers. Slips trips and falls. Plant overturning	3	4	12	H	Avoid vegetation and puddles that may obscure obstructions. Avoid driving plant across slopes if too steep. Avoid overloading plant or uneven loads. Use excavator to level route for pedestrians and plant. Wear appropriate footwear	1	4	4	M	Monitor ground and slope conditions
10		Tree roots across towpath	Volunteers. Slips trips and falls. Plant overturning	3	4	12	H	Identify positions of tree roots across the towpath. Avoid driving plant over roots. Build up towpath over roots	2	4	8	M	
11		Plant	Volunteers, public. Impact with plant	3	4	12	H	Use authorised plant operators. Use banksmen to control plant operations, stop plant when public want to pass. Attract plant operators attention when passing plant. Do not pass plant until it has been stopped and isolated. Wear hi-viz clothing	1	4	4	M	
12		Reversing plant	Volunteers. Impact with people and objects, possible overturning of plant	3	4	12	H	Use authorised plant operators. Travel at a speed that is suitable for the conditions. Look in the direction of travel. Wear hi-viz clothing	1	4	4	M	



13		Stockpiles of excavated material	Volunteers. Slips trips and falls	3	3	9	M	Avoid walking over stockpiled material. Stockpile material away from access routes.	1	3	3	L	Monitor the size and site of stockpiles
14	Laying geotextile	Geotextile	Volunteers. Manual handling injury	3	2	6	M	Avoid lifting loads that are too heavy. Avoid twisting when moving loads	1	2	2	L	
15		Cutting tools	Volunteers. Cuts	3	2	6	M	Use the right tool for the job. Keep hands away from cutting edges. Cut on a cutting surface	1	2	2	L	
16	Filling towpath	Filling material	Volunteers. Crush injury from tipped material	2	2	4	M	Keep away from plant tipping material.	1	2	2	L	
17		Uneven ground when material tipped	Volunteers, public. Slips trips and falls	3	2	6	M	Avoid walking over loose tipped material. Guide public through the work area. Wear suitable footwear	1	2	2	L	
18		Filling material	Volunteers. Manual handling injury during spreading	3	2	6	M	Use the right tool for the job Limit time spent spreading material. Take breaks to avoid fatigue	1	2	2	L	Monitor volunteers to make sure they take enough breaks
19		Dust	Volunteers, public. Respiratory problems, eye irritation	3	3	9	M	Avoid tipping fill from height. If dust is a problem, spray water on stockpiles. Consider setting up screen to protect public access routes	1	3	3	L	Monitor weather conditions and condition of fill material
20	Compacting fill material	Compacting plant	Volunteers. Vibration injury	3	3	9	M	Use the right plant for the job. Train volunteers in the use of the plant Limit time or activity Take regular breaks to avoid overexposure	1	3	3	L	Monitor volunteers to make sure they take enough breaks



21		Compacting plant	Volunteers, public. Damage to hearing due to noise	3	3	9	M	Use properly maintained plant. Wear ear defenders Provide warning signs and diversion route. Use a banksman to stop plant if too many people are in the vicinity during compaction.	1	3	3	L	Monitor pedestrian movements and carry out activity at an alternative time.
22		Compacting plant	Volunteers. Crush injury from being run over by plant	2	4	8	M	Only volunteers using plant to be in the area. Use plant as instructed. Don't walk in front of compacting plant during operation. Wear H-Viz clothing	1	4	4	M	
23	Setting out path	Survey pins	Volunteers, public. Trip hazard	3	3	9	M	Use road pins with level marks. Paint road pins to make them more visible. Remove the road pins when each section is complete and when site is unattended.	1	3	3	L	Place warning signs when the work is in progress.

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 November 2023
AUTHORISED BY:	Name (Printed) M Wright Health & Safety Coordinator	Name (Signed)  X	Date: 8 th November 2023

Signed by Mike Wright signature