



# TASK SPECIFIC RISK ASSESSMENT

<b>Canal: Grand Union Canal, Wendover Arm</b>	<b>Site address: Little Tring, Hertfordshire, HP23 4NR</b>	
<b>Work Location:</b> Infilled canal area & Little Tring Yard	<b>Operation:</b> Excavating/loading tip material & removing from site	<b>RA Sheet No: WATRA S14</b> <b>Date Task Starts:</b> 21 <sup>st</sup> January 2022

**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

This risk assessment references the following COSHH assessments:

Little Tring tip assessment for cabbed excavators (ID# 4424344)

Little Tring tip assessment for non-cabbed excavators (ID# 4424399)

Little Tring tip assessment for banksmen (ID# 4424459)

Risk assessment assumes normal PPE is worn: Safety footwear, hard hat, hi-vis tabard/jacket, work gloves.

No.	TASK	HAZARD	WHO IS EXPOSED AND HOW	RISK LEVEL			CONTROL MEASURES	NEW RISK LEVEL			FURTHER ACTION
				L	S	RV/RL		L	S	RV/RL	
1	Loading tip material from above ground pile into dumpers or lorries.	Excavator overturning when on top of pile or when climbing onto pile.	Excavator operator & volunteers or lorry driver nearby.	2	5	10	ROPS cab with seatbelt. Seatbelt safety light fitted. Use only experienced excavator drivers. Keep pedestrians away from excavator when working.	1	5	5	

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				L	S	RV/RL		L	S	RV/RL	
2		Excavator driver falls down pile when entering/ leaving cab.	Excavator driver.	2	4	8	Keep cab steps clean. Use only experienced excavator drivers. Always slew cab so door is away from steep drop before exiting. Documentation signed by banksman not excavator driver.	1	4	4	
3		Dumper driver or others hit by bucket or load.	Dumper driver & volunteers/ public nearby.	2	5	10	Use FOPS cabled dumpers. If uncabled dumpers used, driver must dismount to safe distance. Keep pedestrians away.	1	5	5	
4		Lorry driver hit by bucket or load.	Lorry driver.	2	5	10	Lorry driver to stay in cab during loading. Loading over rear of lorry only.	1	5	5	
5		Contamination/ ingestion/ breathing in dust/particles of tip material.	Excavator & Dumper drivers & anyone nearby.	5	4	20	Cabbed excavators & dumpers (when available). Keep doors/windows closed. P3 disposable dust masks, eye protection & disposable or impervious overalls for volunteers driving or working outside cab. Cabbed machines: P3 disposable dust masks & keep skin covered. Lorry driver to stay in cab & keep windows closed during loading. Wash hands before eating/drinking. Wash after shift. Maximum 1 hour continuous without rest or rotation to different job.	2	4	8	Damp tip material down if dusty. Disposable dust masks & overalls to be bagged for disposal at end of shift. Non disposable clothing (e.g. waterproofs) to be washed after shift.
6		Dust in eyes.	Anyone nearby.	5	2	10	Cabbed excavators & dumpers (when available). Keep doors/windows closed. Lorry driver to stay in cab & keep windows closed during loading. Eye protection to be worn by volunteers outside cabs/mess hut.	2	2	4	Damp tip material down if dusty.

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				L	S	RV/RL		L	S	RV/RL	
7	Excavating tip material from canal sides & bed into dumpers.	Digging up tip material that is more hazardous.	Excavator operator, dumper driver & anyone nearby (inc. banksman).	3	4	12	Known more hazardous material taped off 5m away. All volunteers to be vigilant for signs of more hazardous material. Stop work if found.	2	4	8	Develop disposal plans for more hazardous material.
8		Dumper driver or others hit by bucket or load.	Dumper driver & volunteers nearby (inc. banksman).	2	5	10	Use FOPS cabbed dumpers. If uncabbed dumpers used, driver must dismount to safe distance. Keep pedestrians to a minimum.	1	5	5	
9		Contamination/ ingestion/ breathing in dust/particles of tip material.	Excavator & dumper drivers & anyone nearby (inc. banksman).	5	4	20	Cabbed excavators & dumpers (when available). Keep doors/windows closed. P3 disposable dust masks, eye protection & disposable or impervious overalls for volunteers driving or working outside cab. Cabbed machines: P3 disposable dust masks & keep skin covered. Lorry driver to stay in cab & keep windows closed during loading. Wash hands before eating/drinking. Wash after shift. Maximum 1 hour continuous without rest or rotation to different job.	2	4	8	Damp tip material down if dusty. Disposable dust masks & overalls to be bagged for disposal at end of shift. Non disposable clothing (e.g. waterproofs) to be washed after shift.
10		Excavator overturns whilst digging out canal bed.	Excavator operator & anyone nearby (inc. banksman).	2	5	10	ROPS cab with seatbelt. Seatbelt safety light fitted. Use only experienced excavator drivers. Keep pedestrians away from excavator when working.	1	5	5	
11		Sides of excavation collapse.	Anyone nearby (inc. banksman).	2	5	10	Sides of excavation to be dug at ~45° to <1m above bottom of excavation.	1	5	5	
12		Volunteers working outside get wet/cold.	Any volunteer working outside	5	3	15	Advise volunteers to wear suitable clothing (warm & waterproof). Mess hut available with hot water. Advise volunteers to bring hot drinks. Rotate people between jobs to warm them up. Institute shift system to allow people to go home if wet/cold.	2	3	6	

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				L	S	RV/RL		L	S	RV/RL	
13		Volunteer falls and comes into contact with tip material.	Any volunteer near tip material.	3	4	12	P3 disposable dust masks, eye protection & disposable or impervious overalls for volunteers driving or working outside cab. Wear gloves. Wash hands before eating/drinking. Wash after shift. Maximum 1 hour continuous without rest or rotation to different job.	2	4	8	Damp tip material down if dusty. Disposable dust masks & overalls to be bagged for disposal at end of shift. Non disposable clothing (e.g. waterproofs) to be washed after shift.
14	Moving material in dumper.	Dumper overturns whilst turning.	Dumper driver & anyone nearby.	2	5	10	ROPS with seatbelt. Seatbelt safety light fitted. Use only experienced dumper drivers. Keep pedestrians away from dumper when working.	1	5	5	
15		Contamination/breathing in dust/particles of tip material.	Dumper driver & anyone nearby.	5	4	20	Cabbed excavators & dumpers (when available). Keep doors/windows closed. P3 disposable dust masks, eye protection & disposable or impervious overalls for volunteers driving or working outside cab. Cabbed machines: P3 disposable dust masks & keep skin covered. Wash hands before eating/drinking. Wash after shift. Maximum 1 hour continuous without rest or rotation to different job.	2	4	8	Damp tip material down if dusty. Disposable dust masks & overalls to be bagged for disposal at end of shift. Non disposable clothing (e.g. waterproofs) to be washed after shift.
16		Dust in eyes.	Anyone nearby.	5	2	10	Cabbed excavators & dumpers (when available). Keep doors/windows closed. Eye protection to be worn by volunteers outside cabs/mess hut.	2	2	4	Damp tip material down if dusty.
17		Driver gets wet/cold.	Dumper driver	5	3	15	If uncabbed dumper, advise dumper drivers to wear suitable clothing (warm & waterproof). Mess hut available with hot water. Advise volunteers to bring hot drinks. Rotate people between jobs to warm them up. Institute shift system to allow people to go home if wet/cold.	2	3	6	

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				L	S	RV/RL		L	S	RV/RL	
18	Vehicle movements (excavators, dumpers & lorries)	Collision with pedestrian.	Anyone nearby.	2	5	10	Minimum number of volunteers on site. Visitors accompanied & excavators/dumpers stop work if approached. Banksman controls vehicle movements at site gate & vehicle exit/entrance.	1	5	5	
19	Lorries entering/leaving site entrance.	Lorry collides with vehicle	Lorry driver, passing motorist.	2	5	10	Banksman controls vehicle movements at site gate & vehicle exit/entrance.	1	5	5	
20		Lorry collides with pedestrian	Anyone nearby	2	5	10	Banksman controls vehicle movements at site gate & vehicle exit/entrance. Lorries instructed to give way to pedestrians.	1	5	5	
21		Banksman hit by passing traffic	Banksman	2	5	10	Banksman trained. Wears hi-vis jacket or vest. Signs warning motorists of lorry entrance/exit.	1	5	5	
22		Banksman gets wet/cold	Banksman	5	3	15	Advise banksman to wear suitable clothing (warm & waterproof). Mess hut available with hot water. Advise volunteers to bring hot drinks. Rotate people between jobs to warm them up. Institute shift system to allow people to go home if wet/cold.	2	3	3	
23		Banksman contaminated/breaths in dust/particles of tip material.	Banksman	2	4	8	Banksman at gate ~30m from loading/unloading operations. P3 disposable dust masks if needs to approach loading area.	1	4	4	
24	Working during the summer	Volunteers get over heated.	Volunteers	3	4	12	Provide shelter from extreme heat. Ensure volunteers takes regular breaks. Ensure volunteers has plenty of fluids to drink. Use job rotation to allow for rest breaks. Use sunscreen in the event of sunny weather.	1	4	4	Monitor volunteers for signs of heat stroke. Ensure there is a sheltered place for volunteers to cool down.

<b>CAN THE JOB PROCEED?</b> (Tick one box)	<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	
<b>ARE THERE ANY LONG TERM CONTROLS?</b>	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.		
<b>ASSESSED BY:</b>	Name: Mike Wright H & S Coordinator	Name (signed)  X <small>Mike Wright</small>	Date: 14/1/2022
<b>AUTHORISED BY:</b>	Name: Chris Bent Acting Operations Director	Name (Signed)  X <small>Chris Bent</small>	Date: 14/1/2022
<b>REVIEWED/REVIS ED BY:</b>	Name: Mikk Bradley Site Manager	Name (signed) M Bradley	Date: 13/08/2022

that this example risk assessment can be updated.