

KMM CIVIL ENGINEERING LTD**CONTRACT: Openshaw AEU club.****ACTIVITY: Demolition Works****MS No. 017 Rev. 1****PREPARED BY: K.Murphy****DATE:17.02.22****RISK ASSESSMENT**

LOCATION / ACTIVITY	HAZARD	RISK	ASSESSED RISK BEFORE			RISK CONTROL MEASURES	ASSESSED RISK AFTER		
			H	M	L		H	M	L
General site work	General construction site hazards	Personal injury and ill health	X			- All personnel on site to wear a hard hat, safety boots, glasses, gloves and high visibility vest or jacket. - Overalls, ear protection, Wellington boots, wet-suits etc. Will be provided as required - The equipment will be monitored for damage and wear and tear and replaced as necessary. - Barrier cream, washing and drying facilities are available on site.			x
Concreting, Cutting pipe	Eye Injury	Temporary or permanent blindness due to projectile debris or exposure to chemicals.	X			- Eye protection to be worn at all times on site - Goggles will be used where cutting operations are being undertaken			x
Cutting pipe	Silica dust	Inhalation of silica dust	X			- Dust mask to be worn - Water suppression kit to be used in conjunction with stihl saws			x
Working near plant and machinery	Hearing loss	Serious long term health problems due to short or long term exposure to noise above 85Db		x		Hearing protection to be worn when working within 1m of operating plant			x
General	Being struck by plant/Vehicles and	Being crushed by plant manoeuvring around site or		x		All plant and vehicles to be supervised by a banksman at all times.			x

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	Protection of General Public	object being moved by plant				• All plant operators to hold a current certificate for the item of plant that they are operating. • All operatives to stick to agreed segregated walkways • Plant to use agreed haul roads/work areas in full accordance with traffic management plan • Ensure entry/exit points from site are safe for pedestrian use by utilising signage; fencing; traffic control; visibility mirrors. • Establish pedestrian & vehicle routes and where practical demarcate with fencing if adjacent to each other. • Establish pre-warning markers for site entrances and keep work areas fenced off at all times • Locate storage area close to work area to minimise reversing & handling • Vehicles fitted with reversing alarms • Unstable ground: weak surfaces lay hardcore or other temporary surfacing. • Visitors to report to site office and sign visitors register • Out of hours site to be left secure and security to be in place, also as a minimum- - Remove and secure ladders from			

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						excavations, scaffolds etc.. - Secure hazardous substances, LPG, oils etc - Ensure all works are stable, secure material stockpiles and tidy site before cease works • All plant and machinery secured and immobilised			
General	Working at heights	Serious injury or death from falling	X			• Ensure trenches are excavated and supported correctly • Ensure access and egress points are safe to use			x
Confined Space Working	Hazardous Gases release	Operatives collapsed in trench or chamber	X			• Use of correct PPE to be worn at all times, • Chambers to be vented for a minimum of 10mins prior to entry, will a gas check to follow at various increments down the chamber or manhole shaft, • A minimum of 10 minute escape saver set to kept within close proximity to the working operation in case the alarm sounds on the gas detector, operative to use the equipment provided and evacuate the area immediately, • All trenches, chambers etc. to be checked with a gas monitor at all times, • A portable gas detector will be lowered into the manhole prior to entry and the atmosphere tested for a minimum of			

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						5minutes. - Line of site contact between top-man and entry-man at all times. - Access / egress into manhole will be via rescue harness and lifeline.			
Sewer Connections	Weils Disease	To site operatives undertaking work Contact with sewage and bio-hazardous material.	X			- Personal Hygiene measures to be maintained. - Employees to wash thoroughly prior to consuming food or liquid. - In the event that rats are seen in the work face vicinity, notify management and steps will be taken to eradicate - Tool Box Talk to be conducted on related risks and control measures. - Correct PPE to be worn to prevent contamination. - Provision of washing facilities and hygiene facilities. - Clean areas provided for eating and changing of clothes.			
Install Temp Works & Pipework	General	Excavations	X			- Work area and storage area to be securely fenced off at all times. - Excavation to be appropriately shored or sides to be battered to a safe angle, and appropriate access to be provided into excavation. - Service drawings will be obtained, a cable avoidance tool survey will be undertaken, and Permit to Dig will be			x

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						issued prior to excavation work commencing.			
Breaking into the existing culvert	Hand Arm Vibration / Noise	Over use of equipment		x		- Operatives must not exceed the trigger time when using small tools in order to avoid HAVS. Operatives to be rotated when lengthy trigger times are required. - Operatives must wear ear protection when using or working in the vicinity of noisy plant and small tools.			x
						- Existing flows to be overpumped and pipes to be closed off to prevent flow entering work area (if required). - Supervisor to be consulted prior to breakthrough to ensure that increased flows are not expected. - Weather forecast to be consulted prior to work. - Safe access to ensured at all times.			
Public Interface	Traffic Management	Public Interface	X			- Not envisaged on this site. MPB/ULCCO responsible for control and establishment traffic management. - SCE maintain access / egress to work front at all times. - Anti-climb fence panels to be double clipped internally and securely fastened, checked at the begin / end of each working day. Signage to be erected in suitable locations visible the general			X

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						public warning them of the potential hazards.			
General	Lifting operations	Load falling, plant overturning		X		• All chains to be certified that they have been tested and thoroughly examined • Chains to be visually inspected by a competent person before each use • Plant only to lift loads within its design capabilities as per charts kept on site • Daily plant checks to be carried out and recorded on checklist sheet • Only competent persons allowed to be involved in this operation • Non-crane lifting plan to be completed for machine lifting operations			X

Signed by operatives after Instruction

I confirm that I have received a briefing on the above activity and that I understand and will abide by the safe working practices to be followed to ensure that it is done safely.

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Name	Trade	Company	Signature	Date

Signed as Reviewed/Approved by Client's Representative

Name	Representing	Signature	Date