

Title:	Holi	m Septic tank	repairs		MSRA No:	D26
1.0 Scope o	of Works					
Remove a small amount of the e erosion. Construct a concrete st					concrete, then replace armour to help	protect from further
Author:	[Reda	cted]		Signature:	[Redacted]	
Contract:				Holm septic tank		
2.0 Date/Du	ration of W	orks				
Date:	2/7/2022			<b>Duration:</b>	10 Days	
3.0 Plant/Eq	uipment					
16t Tipp	•		STS	Drill		
14 TON EXC	AVATOR					
6.0m x 2.7m Welfa	are Static Unit					
Bowser - 950 Lt	Road Tow					
Angle Grinder -	Air 7" & 9"					
Generator - 3	Bkva Pet					
4.0 Personne	el					
Site Super	rvisor					
HGV Dri	iver					
Plant Ope	rative					
Skilled Ope	erative					
5.0 PPE						
Safety Helmet – BS E	EN397:20012+A:2	012	/	Ear Protection – BS	S EN352:2002	
Safety Footwear – BS	S EN ISO 20346:20	)13	V	Lanyards – BS EN3	54	Ť
Reflective Clothing –	- BS EN ISO 20471	:2013	<u></u>	10 Min. Escape Set	t – EN1146	
Safety Glasses – BS E	EN 166:2002			Safety Tripod – EN	795	
Gloves – BS EN420:2	003+A1:2019					
Harness – BS EN361						



6.0 Comp	petence		
Abra	sive Wheels	Manual Handling	
В	anksman	Fire Marshall	
CPCS/I	NPORS CSCS	SMSTS	
F	First Aid		

7.0 Permits	
Hot Works Permit	
Access Permit	

8.0	Risks Identified	
	01 Preparation Works	14 Manual Handling
	02 Re-Fuelling	22 Waste
	03 Plant Movements	
	05 Excavator Operations	
	06 Excavations	
	10 Working Under or Near Overhead Lines	

9.0	Methodology
1.	Set up road and construction signs
2.	Erect goal posts and Hight limit signs at the entrance to site
3.	Set up site welfare area and parking
4.	Get 14T excavator delivered
5.	Remove the rock Armour with the excavator
6.	place rock fill in the outer areas
7.	Mass pour concrete into the voids around the exposed M/H ensuring it is well vibrated.
8.	Once concrete is set replace rock armour
9.	shutter and pour a concrete strip found around the three outer edges
10.	Drill out holes and fix galvanised steel post to concrete
11.	Fix key clamp hand rails to the galvanised post.
12.	Tidy site and remove all site equipment and welfare .
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#### **Dynamic Method Statement/ Risk Assessment**



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10.0	Contingencies
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#### 11.0 COVID19

#### **COVID19 Procedures**

- 1. All welfare facilities should be kept to a high standard of cleanliness and all surfaces, door handles, grab rails, countertops and toilet facilities should be routinely cleaned using cleaning agents with a record or schedule in place and monitored.
- 2. Wash facilities should be available on site with anti-bacterial handwash readily available.
- 3. Clean your hands often with soap and water (<u>for at least 20 seconds at a time</u>) after sneezing, coughing into hand, blowing your nose, going to the bathroom and before preparing or eating food.
- 4. Avoid touching your eyes, nose or mouth with unwashed hands.
- 5. Use an alcohol-based hand sanitiser with at least 60% alcohol, covering all your hands and rubbing until they feel dry, if soap and water are unavailable for any reason.
- 6. If wash facilities are inadequate or unavailable inform supervision immediately.
- 7. Break times may be split (depending on numbers on site) with half the workforce going at one time and the other half the next as to limit the number of people in welfare facilities at any one point.
- 8. Do not share any food, drink, cutlery, glasses, cups or towels with anyone.
- 9. A recommended distance of 2m should be kept from each other to limit transfer of infection.
- 10. Cover your mouth using tissues or your sleeve when you sneeze or cough (Do not use your hands) and throw the tissues in the bin immediately and wash your hands straight away.
- 11. All non-essential staff or site visitors will be reviewed and limited to limit exposure to MAL personnel.

#### **Dynamic Method Statement/ Risk Assessment**



- 12. Any scheduled meetings will be conducted using conference call facilities or video link should it be required.
- 13. Any deliveries to sites will not require a signature.
- 14. No Vehicle sharing is permitted. (Transport will be coordinated to eliminate personnel travelling in different vehicles)

12.0	Traffic Management			
Is traf	fic management required?	Yes	No X	
If yes, p	olease refer to dynamic traffic manag	gement plan.		

Risk Assessments/Traffic Management plan Highlighted below.

All personnel involved in task to read this MSRA and sign MSRA sign off sheet on IMS.



Persons Affected  Personal  Personal  Site Operatives  General Public   Phazards  Environmental Impacts  Fire  Fumes  Pumes  Risk Factor  Uncontrolled  Controlled  Uncontrolled  Controlled  Uncontrolled  Controlled  L S R L S R L S R L S R  3 3 9 1 3 3 3 4 4 1 16 1 4 4 4  Controls  Personnel to load recognised qualification in related subject as task being conducted with copies in size office and checked for validity.  Put littles requiring lock-off/shut down to be isolated and relevant utility company notified.  Persons Affected  Site Operatives  General Public  Environmental Impacts  Fire  Fumes  Risk Factor  Uncontrolled  Controlled  Controlled  Controlled  Full bunds to be lockable and locked when not in use.  Fuel bunds to be lockable and locked when not in use.  Fuel bunds to be bunded to 110% capacity.  The fuel bowser will be locked out with working hours and when not in use.  *The fuel bowser will be locked out with working hours and when not in use.  *Spill kits to be in place with all fuel bowsers.  *Re-fuelling of plant to be done directly from fuel bowser, if not possible fuel to be transported to plant in approved fuel receptacles only.										
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• Fire extinguisher to be in place near fuel bowser.	i site walkover will be conducted with all f	azaidous aieas ideilili	nuneu prior to works	commencing.						
								y surrounding wa	atercourses.	
* All tuer spiliages to be reported to site manager.										
					All fuel spillages	s to be reported to	o site manager.			



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Risk A	ssessmen	it No:		03		Risk A	ssessmen	t No:		05		
Operatio	n:		Plant Moven	nents		Operation	n:	Ex	cavator Ope	rations		
Persons /						Persons A						
Site Personne	el					Site Operative						
General Publi						General Public						
Ochician abili	·					Gerierai i abiit						
Hazards						Hazards						
Interface with	Diant					Interface with	Dlant					
Crush injuries						Damage to su		oct				
_	urrounding Obj	iecte				Utility strikes	mountaing obje	;Cl				
Traffic	arrounding Obj	0013				Otility Strikes						
		Risk F	actor					Risk F	actor			
Ur	ncontrolle		1	Controlle	 ;	Ur	controlle			Controlle		
L	S	R	L	S	R	L	S	R	L	S	R	
4	4	40	4	4	4	4		40	4	4	4	
4	4	16	1	4	4	4	4	16	1	4	4	
		Cont	trols					Cont	rols			
Qualified banks	men to guide all					CAT4+ and genr		conducted prior to	excavation com	mencing with all	known/found	
						services communi		•				
All plant to have	e green and oran	ge beacons.				<ul> <li>All plant operator</li> <li>CSCS qualification</li> </ul>	rs trained and au n produced and l	ithorised to use the land in site office.	ne item of plant v	with relevant CP0	CS/NPORS	
All plant must ha	ave valid thoroug	gh examination c	ertification.			No mechanical d	ligging within 500	Omm of known se	ervices.			
All plant to have	e daily plant chec	k sheets comple	ted before use w	vith any defects re	eported.	<ul> <li>A permit to break commencing.</li> </ul>	k ground must be	e in place and ap	proved by site m	anager prior to w	vork	
All plant operator	ors to be CPSC/N	NPORS CSCS q	ualified.			• Excavator must be isolated with Deadman switch in raised position before any personnel approach						
						the plant.						
All unauthorised	d personnel to be	removed from a	irea.			All plant to have flashing orange beacons when in operation.						
Pedestrians to f	follow designated	d pedestrian route	es only.			Green beacon to be active when seat belt fastened.						
Work area barri	ered off and sign	is erected to into	rm personnei in a	area of works bei	ng conducted.	<ul> <li>Banksman to be out with the radius of the excavator with boom extended at all times during the operation.</li> </ul>						
Traffic controls	to be put in place	e if necessary.				Banksmen to ensure exclusion zone for personnel in the area is maintained around excavator.						
. All assessments as						Banksmen to be visible to excavator operator at all times during the operation.						
<ul> <li>All excavators n surface.</li> </ul>	noving over tarm	ac surfaces to na	ave rubber tracks	s or protection iai	a to protect	• Banksmen to be	VISIBLE TO EXCAVA	ator operator at a	ii times during tri	e operation.		
						All personnel inv	olved in task to h	nave relevant leve	el of EUSR traini	ng with records I	kept in site	
						office.	l b t l . t .		to occupate d			
						Daily plant Chec	k sneet complete	ed with any delec	is reported.			
						Valid thorough expressions	xamination certif	ication available	for all plant on si	te.		



Risk A	ssessmen	t No:		06		Risk As	ssessmen	t No:		10		
Operatio	n:		Excavation	ons		Operation: Working Under Or Near Overhead Lines						
Persons A						Persons A						
Site Operative						Site Operatives						
General Public						Site Operatives Utility company customers						
General Fubili						Othinty Company	y customers					
Here was the						The sector						
Hazards						Hazards						
Falls from heig	•					Electrocution						
Subsidence of	excavations isting services					Damage to ser	rvices					
Damage to ex	isting services											
Risk Factor								Risk Fa	actor			
Ur	ncontrolle			Controlled	<u> </u>	Un	controlle			Controlle	d	
1	S	R		S	R	L	S	R	1	S	R	
_		•	_		••	_						
4	4	16	1	4	4	4	4	16	1	4	4	
		Cont	rols					Cont	rols			
Ensure all opera	ators are trained a					Establish 'No Go	' areas.	Cont	1013			
<ul> <li>Area of excavati n area.</li> </ul>	ion barriered off v	with signs erecte	ed to inform pers	sonnel of works be	ing conducted	<ul> <li>Unloading to be of lines.</li> </ul>	done out with ide	entified 'No Go' ar	reas no parking	of delivery vehicl	es below powe	
Traffic managen	nent put in place	(if required).				Goal posts to be	erected as per l	Jtility Provider gui	idelines.			
		( - 1,				, , , , , , , , , , , , , , , , , , , ,		3.				
Ensure everyon	e on site is weari	ng Hi-Viz outer o	clothing.			<ul> <li>The relevant pub site visit sought.</li> </ul>	olic utilities will be	e contacted prior t	to any works on	site with utility di	rawings and a	
Ensure all nowe	red plant is in an	od condition & d	aily safety chec	ks are carried out	& recorded	Establish Warning Signage.						
Liisule ali powe	red plant is in go	ou condition & u	ally salety chec	ks are carried out	a recorded.	LStabilsh Waltill	ig Signage.					
Ensure banksma	an is available to	assist excavator	r operative.			Banksmen to be provided at all times.						
						No materials or tools canable of reaching the above the safe working height limits to be corried as:						
Ensure all perso	onnel are aware o	of and stick to the	e "3m rule".			<ul> <li>No materials or tools capable of reaching the above the safe working height limits to be carried on site by operatives.</li> </ul>						
Ensure a dedica	ated access/aggre	ess route is unde	erstood by all me	embers of the wor	king party.							
<ul> <li>CAT4+ and gen services commun</li> </ul>				mmencing with all	l known/found	All excavators to	be fitted with he	eight restrictors.				
<ul> <li>All plant operato CSCS qualificatio</li> </ul>				t with relevant CP	CS/NPORS	All excavators to be fitted with height restrictors.						
<ul> <li>A permit to brea commencing.</li> </ul>	k ground must be	e in place and ap	oproved by site	manager prior to v	vork							
<ul> <li>Excavator must approach the plar</li> </ul>		Deadman switch	in raised position	on before any per	sonnel							
<ul> <li>All plant to have seat belt fastened</li> </ul>		beacons when in	n operation. •	Green beacon to I	be active when							
Banksman to be operation.	out with the radi	ius of the excava	ator with boom e	extended at all time	es during the							
Banksmen to en	nsure exclusion z	one for personne	el in the area is	maintained around	d excavator.							
Banksmen to be	visible to excava	ator operator at a	all times during	the operation.								
All personnel invoffice.	volved in task to I	have relevant lev	vel of EUSR trail	ning with records								
Daily plant Chec	ck sheet complete	ed with any defe	cts reported.									
Valid thorough e	examination certif	fication available	for all plant on	site.								
All open excava nformed of location		red off when una	attended with sig	gns erected and a	II personnel							
All areas to be b	oattered back as	excavations prog	gress to limit cha	ances of subsiden	ce.							



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Risk A	ssessmen	t No:		14		Risk A	ssessmen	t No:		22		
Operatio	n:		Manual Han	ndling		Operation: Waste						
Persons						Persons Affected						
Site Personne						Site Operative General Publi Wildlife	es					
Hazards						Hazards						
Slips, trips, Fa	alls.					Environmenta	Il Impacts					
Traffic Unauthorised	access					Attraction of v	rermin					
	Risk Factor							Risk F				
U	ncontrolle			Controlled		Uı	ncontrolle		(	Controlled		
L	S	R	L	S	R	L	S	R	L	S	R	
3	3	16	1	3	3	3	4	12	1	3	3	
		Cont						Cont				
All personnel tr	ained in manual h	nandling with cop	by of certification	held in site office		Where Possible	all waste will be	segregated for re	ecycling.			
Avoid manual h	nandling where po	ossible, utilise me	echanical lifting a	aids.		All waste skips v	will be clearly ma	rked.				
	oe, weight to be a		lifting.			All skips to be fu						
Where possible     Use correct lifting	e split load to man	ageable sizes.				<ul> <li>All skips to be locked when not in use.</li> <li>Skip levels to be monitored, with skips emptied regularly.</li> </ul>						
	rrounding lift is cl	ear from hazards	s and clutter.			On completion of task remove waste from the workplace.						
Plan route to be	e taken when carr	rying load prior to	o commencing ta	ask.		Appropriate PPE to be worn when handling waste materials and their receptacles.						
• Full PPE to be	worn at all times	on site.				Hazardous/controlled waste to be disposed of in full compliance with site rules and current legislation.						
If necessary, sp	olit load to carry.					Waste transfer certification to be obtained and filed in office.      COSHH assessments to be prepared for the handling of hazardous waste materials.						
						<ul><li>COSHH assess</li><li>Health surveillar</li></ul>				s waste materials	S.	
						r realtir surveillar	ice to be implem	ented for operation	ves.			
l												
l												



Risk Assessment No:		Risk	Risk Assessment No:						
Operation:		Operat	Operation:						
Persons Affected			Persons Affected						
Hazards		Hazard	S						
	actor			Factor					
Uncontrolled L S R	Controlled L S	R L	Uncontrolled R	Controlled S	R				
L 3 K	L 3	K L	J K	L	N				
Cont	trols		Controls						



Risk Assessment No:						Risk Assessment No:								
Operation:						Operation:								
		Affected					Person		cted					
Hazar	ds						Hazards							
			Risk F	actor			Risk Factor							
Uncontrolled Controlled							Uncor	ntrolled			Controlled			
L		S	R	L	S	R	L		S	R	L	S	R	
			Cont	trols						Cont	rols			
							- Controls							