

AUTHORIZATION & RELEVANCY	ASSURANCE CONSTRUCTION & SERVICES		HAZARD ASSESSMENT & ANALYSIS WORKSHEET				R-15 FORMAL HAA				
	JOB/TASK		TRENCHING & EXCAVATING								
	ANALYSIS BY HARLEY WINBORN		REVIEWED BY SERVICE MANAGER			APPROVED BY SENIOR ADMINISTRATOR					
	NAME		JAEIME HEIDE			JASON DE BOER					
	DATE	JUNE 14 2016									
ORIGINAL ASSESSMENT DATE		REASON FOR THIS REVISION (ANN. REVIEW, CHANGE IN PROCEDURE, CHANGE OR NEW EQUIP., OR INCIDENT)									
MARCH 7 2013		JULY 23 2013 INCIDENT AT AKCS									
		JACK MCLEAN, JOHN BOCCABELLA, CHRIS GOURLAY									
WHAT YOU NEED	TOOLS/EQUIPMENT USED		MATERIALS REQUIRED				PPE REQUIRED				
	BACK HOE, SHOVELS						HARDHAT, VEST,				
HAZARDOUS STEPS & TASKS	STEPS /TASKS		WHAT COULD HAPPEN		HEALTH HAZ.	SAFETY HAZ.	HAZARD CONTROLS	WHAT PROTECTS YOU	ENG. CONTROL	ADMIN. CONTROL	P.P. EQUIP.
	DO FIELD LEVEL HAA & SAFETY CHECKLIST (C-8)							BARRIERS, GUARDRAILS	X		
	A	CONTACT WITH UNDERGROUND FACILITIES - LOCATES	WORKERS BEING EXPOSED TO TOXIC OR FLAMMABLE GASES.		X	X		SWP- FLAG UTILITY LINES, USE SHOVEL TO FIND POSITIVE LOCATION.		X	
			ELECTROCUTION			X		HARDHAT, VEST, SWP- FLAG UTILITY LINES		X	X
	B	IMPROPER HANDLING & PLACING OF MATERIAL									
		SPOIL PILE OR HEAVY MACHINERY TOO CLOSE	MATERIAL FALLING INTO TRENCH - HIT WORKERS, BURY WORKERS			X		HARDHAT, VEST, SWP- FLAG UTILITY LINES, OH&S CODE PART 32			X
		VIBRATIONS - MACHINERY									
	C	WORKERS CLIMBING IN AND OUT OF TRENCH/EXCAVATION	FALL			X		DON'T RUSH, AWARENESS OF SURROUNDINGS		X	
	D	FALLING OVER TRENCHING AND EXCAVATING MATERIAL .	TRIP/SLIP, FALL			X		AVOID DISTRACTIONS, FOCUS		X	
	E	RESCUE OF TRAPPED WORKER	COLLAPSE OF MATERIAL- WORKERS, HIT OR BURIED			X		HARDHAT, VESTS, RESCUE PROCEDURE		X	X
	*NOTE	USE SPOTTER THROUGHOUT TO PROTECT VISITORS AND WORKERS FROM MOBILE EQUIPMENT AND CAVE INS.								X	
	RATING SYSTEM	PROBABILITY/RISK RATING				SEVERITY/CONSEQUENCE RATING				TOTALS	PRIORITY RATING /20
1		LOW PROBABILITY	1	FIRST AID ONLY/MINOR PROPERTY DAMAGE							
2		LOW-MEDIUM PROBABILITY	2	MEDICAL AID/MINOR PROPERTY DAMAGE							
3		MEDIUM PROBABILITY	3	LOST TIME INJURY/MAJOR PROPERTY DAMAGE							
4		MEDIUM -HIGH PROBABILITY	4	PERMANENT DISABILITY/MAJOR PROPERTY DAMAGE							
5		HIGH PROBABILITY	5	FATAL/CATASTROPHIC PROPERTY DAMAGE							
1		HEALTH	3	HEALTH	4	→	12				
3	SAFETY	5	SAFETY	8							