CONFINED SPACE ENTRY PROCEDURES & RESCUE PLAN

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Fine Screens

Work to be performed or location of confined space

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	Atmospheric Conditions	Details	P			Control Measures	P		
1	Carbon Monoxide (CO)	Vehicles	3	2	C	CO (Carbon monoxide) gas detector - continuous monitoring, Min. 3000 cfm fan in push mode continuous	2	3	C
2	Hydrogen Sulphide (H2S)	Possible sewer gas	3	2	C	H2S (Hydrogen sulfide) gas detector - continuous monitoring, Min. 3000 cfm fan in push mode continuous	2	3	C
9	Oxygen (O2) Deficiency / Enrichment	Decaying matter	3	2	C	continuous, O2 (Oxygen) gas detector - continuous monitoring Min. 3000 cfm fan in push mode continous	2	3	C
14	Combustible Gases	Possible LEL	3	2	C	LEL (combustible) gas detector - continuous monitoring, Min. 3000 cfm fan in push mode continuous	2	3	C
1	Carbon Monoxide (CO)	Ensure blower intake is away from any poterntial CO source	3	2	C	Place air intake away from source of CO	2	3	C
			Initital				Final		
	Hazards / Exposure	**Details**	**P**			**Control Measures**	**P**		
35	Engulfment or Immersion Hazards	Close upstream and downstream gates & lock out	3	2	C	Lockout procedures attached. Any potential leakage from the upstream gate will be visually checked every 20 minutes by the standby person. The water level in the upstream channel will be continuously monitored with a local audio/visual high level float set to 1.2 m while space is occupied. If the water level rises above 1.2 m the alarm will sounds and a light will flash (leaving 500 mm of free board). The confined space will be evacuated and the issue will be addressed prior to re-entry. • Any potential leakage from the downstream gate will be visually checked every 20 minutes by the standby person he water level in the downstream channel will be continuously monitored with a local audio/visual high level float set to 1.2 m while space is occupied, if the water level rises above 1.2 m the alarm will sounds and light will flash (leaving 500 mm of free board) and the confined space will be evacuated and the issue will be addressed prior to re-entry.	2	3	C
32	Mechanical / Moving Part Hazards	Lock out fine screen	3	2	C	Lockout procedures attached	2	3	C
50	Overhead / Falling Object Hazards	Hard hat keep area clear of tools	3	2	C	PPE	2	3	C
18	Bio-hazardous Material Contact	Possible exposure to wastewater	3	2	C	Ensure proper PPE is worn and wash up after job	2	3	C

37	Falling Hazard	While climbing ladder	2	2	B	Caution when climbing ladder(s) - maintain 3-point contact	1	2	A
38	Slipping / Tripping Hazard	Ensure floor is free of any debris	2	2	B	Clean floor of slippery material	1	2	A
28	Congested / Restricted Area	Ensure area is clear of tools and equipment	2	2	B	Good housekeeping	1	2	A
18	Bio-hazardous Material Contact	Ensure space is cleaned out with clean water and all debris has been removed	3	2	C	Pre-flushing of space	2	3	C
18	Bio-hazardous Material Contact	Inspect channel for any sharps	3	2	C	Sharps container & tongs, if any found follow SWP for sharps disposal	2	3	C

Area Preparation:

1. Keep general area clean and tidy
2. Drain and clean both channels prior to entry
3. Isolate and lock out
4. Keep area around channels clear of tools and equipment
5. Install and test hi level audio/visual float switch to alarm at 1.2 m in upstream channel as per Alternate Measures of Control (AMC)
6. Install and test hi level audio/visual float switch to alarm at 1.2 m in downstream channel as per AMC

Confined Space Entry Procedures - Supplementary Instructions:

1. Follow Moderate Hazard confined space entry procedures and lock out procedures

Confined Space Entry Rescue Plan:

1. Fire hall 911
2. Follow confined space emergency procedure