




	<b>CONFINED SPACE HAZARD ASSESSMENT</b>		<b>HA #</b> 14
	<b>CONFINED SPACE NAME:</b> ID # Coppersmith Building, Crawl Space	<b>LOCATION:</b> 8 Lonsdale Ave	<b>DATE:</b> June 2, 2014

<b>Confined Space?</b>	<b>Yes</b>	 
<b>YES</b> <input checked="" type="checkbox"/> <b>NO</b> <input type="checkbox"/> Enclosed or partially enclosed?		
<b>YES</b> <input checked="" type="checkbox"/> <b>NO</b> <input type="checkbox"/> Limited or restricted entry/exit?		
<b>YES</b> <input type="checkbox"/> <b>NO</b> <input checked="" type="checkbox"/> Intended for continuous human occupancy?		
<b>YES</b> <input checked="" type="checkbox"/> <b>NO</b> <input type="checkbox"/> Large enough that a worker can enter?		

<b>SPACE INFORMATION/DETAILS (IN OPERATION):</b>
<b>SPACE DESCRIPTION:</b>  Crawl space under the building located at 8 Lonsdale Ave. Utility piping accessed from crawl space.
<b>CONTENTS:</b>  None
<b>PROCESS/FUNCTION/USE DESCRIPTION:</b>  Inspection of utility pipes and/or foundation.
<b>PHYSICAL CHARACTERISTICS:</b>  The unfinished floor of the crawl space slopes upward from the southern-most outer wall (which faces Burrard Inlet). Based on the absolute elevation of the crawl space and uneven topography, the portion of the crawl space in the southern-most portion of the building facing Burrard Inlet sits within the higher intertidal zone and is routinely wetted at the highest tidal elevations (e.g. during a flood tide). The limited natural light penetration and short period of time daily and seasonally that the substrate within the crawl space is wetted likely accounts for the observation that virtually no plant life occurs within this area.
<b>DIMENSIONS:</b> N/A
<b>VOLUME:</b> N/A
<b>SPACE MATERIAL:</b> Gravel, cobbles

<b>ENTRY CHARACTERISTICS:</b> Access is available from the south end of the building at the inter-tidal area. The area is secured by galvanized fencing from the shoreline to the building with a 4' x 4' access gate to the crawl space.
<b>LOCATIONS:</b>
<b>SIZE:</b> 4' x 4' gate
<b>SECURING MECHANISM:</b> Padlock on gate

<b>HAZARDOUS ATMOSPHERIC RATING (LOW, MOD. HIGH)</b>	<b>Low</b>	<b>JUSTIFICATION:</b> No contaminants present in the space and no contaminant generating tasks will occur during the entry.
<b>COMPLETED BY:</b>	<b>Prepared by:</b> P. Elsoff, CRSP <b>Reviewed by:</b> P. Elsoff, CRSP	<b>INFO. SOURCE:</b> Observation, G. Stainton Next Environmental Report for Mondial Development Ltd Remediation Plan Lot 3, September 2010

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ID #

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HA # 14

Coppersmith Building, Crawl Space

8 Lonsdale Ave

DATE: June 2, 2014

**ADJACENT VESSELS/SPACES/PIPING:**NAME OF SPACE/PIPECONTENTSTEMPERATUREPRESSURE

None

**SCOPE OF WORK:**

This hazard assessment (HA) refers to entry for the purposes of inspection, no other work may be performed without conducting a hazard assessment.

*Hot work and other atmospheric contaminant generating activities are not included in this Hazard Assessment.*

**HAZARDOUS  
ATMOSPHERIC RATING  
(LOW, MOD. HIGH)****Low****JUSTIFICATION: No contaminants present in the space and no contaminant generating tasks will occur during the entry.****COMPLETED  
BY:****Prepared by:** P. Elsoff, CRSP**Reviewed by:** P. Elsoff, CRSP**INFO.  
SOURCE:**Observation, G. Stainton  
Next Environmental Report for Mondial Development  
Ltd Remediation Plan Lot 3, September 2010

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HAZARDS		UNDISTURBED SPACE POTENTIAL HAZARDS	WORK TASKS POTENTIAL HAZARDS	CONTROL MEASURES
ATMOSPHERE	Oxygen (O <sub>2</sub> ) Deficiency	No	No	
	O <sub>2</sub> Enrichment	No	No	
	Chemical	No	No	
	Biological	Yes Potential for vermin or vertebrates to occupy space.	No	Disposable N95 respirator or half-face with P100 cartridges if signs of vermin or vertebrate waste.
	Fire/Explosion	No	No	
SAFETY	Structural Hazard	No	No	
	Engulfment	No	No	
	Entrapment	No	No	
	Electrical	No	No	
	Access/Egress	Yes Access point sits within the higher intertidal zone and is routinely wetted at the highest tidal elevations (e.g. during a flood tide).	No	Access during low tide.
	Fall	No	No	
	Slip/Trip	Yes Uneven ground (rocks) with increasing slope (south east of building).	Yes Surface may be wet.	Wear general PPE (safety boots) and work with care.
	Visibility/Light Level	Yes Limited and no natural light in space.	Yes Light source required.	Battery powered portable lighting or flashlight required.
	Baffles/Internal Arrangement	Yes Pillars and support bars throughout space.	No	
PHYSICAL	Floor Openings in Space	No	No	
	Noise/Vibration	No	No	
	Temperature	Yes Entry into space may occur during hot/cold weather conditions (space is located outside)	No	
	Non/Ionizing Radiation	No	No	
OTHERS	Laser	No	No	
	Ingestion/Skin Contact Hazard	No	No	
	Mechanical Hazard	No	No	
OTHERS	Traffic Hazard	No	No	

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This Hazard Assessment (HA) pertains to the activity and confined space listed above. This hazard assessment is required to be reviewed within 3 years of preparation; any change in activity requires a review of this HA and a completion of a HA for the specific activity (especially when contaminants will be generated by an activity such as welding, radiation or chemical usage).

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Hydraulic/ Pneumatic Hazard	No	No	

CONTROL MEASURES REQUIRED:	
Confined Space Permit:	No
Atmospheric Testing:	No
Ventilation Requirements:	No
PPE Requirements:	General PPE: Safety boots, work gloves, hard hat
Lockout/Isolation:	No
Standby Person:	Yes, at or near entrance
Communication Procedures:	Radio, phone, voice
Rescue Procedures:	Call 9-1-1
Required Rescue and Safety Equipment	-
Other:	-

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