



# ENVIRONMENTAL RISK ASSESSMENT



**Business Name & Address:** \_\_\_\_\_ **Property Name/PIC:** \_\_\_\_\_

**Audit Team:** \_\_\_\_\_ **Audit Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

RISK CALCULATOR	LIKELIHOOD – The likelihood of the exposure causing injury to a person given the frequency of exposure				
	ALMOST CERTAIN <i>Is expected to occur in most circumstances</i>	LIKELY <i>Will probably occur in most circumstances</i>	POSSIBLE <i>Might occur at sometime</i>	UNLIKELY <i>Could occur at sometime</i>	RARE <i>May occur in exceptional circumstances</i>
<b>CATASTROPHIC</b> <i>Death or permanent disability</i>	EXTREME	EXTREME	EXTREME	EXTREME	HIGH
<b>MAJOR</b> <i>Serious bodily injury</i>	EXTREME	EXTREME	EXTREME	HIGH	HIGH
<b>MODERATE</b> <i>Casualty Treatment</i>	EXTREME	HIGH	HIGH	MODERATE	MODERATE
<b>MINOR</b> <i>First aid only, no lost time</i>	HIGH	HIGH	MODERATE	LOW	LOW
<b>INSIGNIFICANT</b> <i>No injuries</i>	HIGH	MODERATE	LOW	LOW	LOW

RISK CLASS	ACTION REQUIRED
OK or Not Applicable	No Foreseeable Risk - <b>OK</b> for now; <b>Review</b> if any equipment/people/materials/work methods or procedures change. Or this particular inspection item is Not Applicable to this workplace
EXTREME	<b>Extreme Risk - Act Now Do something about these risks immediately.</b> Stop the task until the hazard is controlled and the risk managed.
HIGH	<b>High Risk - Act As Soon As Possible.</b> Do something to manage these risks as soon as possible. Consultant with Management
MODERATE	<b>Moderate Risk - Develop a PLAN</b> to manage these risks / note any suggestions on how the risk might be managed.
LOW	<b>OK</b> for now <b>Review</b> if any equipment/people/materials/work methods or procedures change.



IDENTIFIED HAZARDS	OK or NA	EXTREME (Act Now)	HIGH (Act ASAP)	MODERATE (Plan)	LOW (Review)
<b>Information from other sources</b>					
1. Permit or licence from government department or agency?					
2. Review of environmental effect(s) by government or local government?					
<b>Transportation</b>					
3. Are hazardous goods or materials transported? What is the environmental risk?					
<b>Land use and Natural Surroundings</b>					
4. Is the past land use known? What is the environmental risk?					
5. Is there any environmental risk from the present land use?					

IDENTIFIED HAZARDS	OK or NA	EXTREME (Act Now)	HIGH (Act ASAP)	MODERATE (Plan)	LOW (Review)
<b>Historic, Social and Cultural Sites</b>					
6. Is the site in or next to an environmentally sensitive site or environmental conservation area?					
7. Is the site in or next to a site or thing that is historical, archaeological, palaeontological or architectural significance?					
8. Is the project or activity in or next to a Native Title area or will it affect the current use of lands and resources for traditional purposes by Aboriginal Peoples?					
<b>Buildings</b>					
9. Is there an environmental impact from existing or new buildings? (asbestos, sewage)					
<b>Soil</b>					
10. Is the soil type acid sulphate?					
11. Does the soil type have salt issues?					
12. What is the soil stability / erosion like?					
13. Does the soil have prior contamination?					
<b>Surface water</b>					
14. Is the project within 30 meters of surface water?					
15. Are government permits required?					
<b>Drinking water</b>					
16. Is the site supplied with drinking water? What is the water quality?					
<b>Sewage and grey water disposal</b>					
17. Does the sewage system meet the environmental guidelines for the project?					
18. Does the grey water system meet the environmental guidelines for the project?					
19. Is sewage and grey water transported to a disposal site? (What is the risk of transport)					

IDENTIFIED HAZARDS	OK or NA	EXTREME (Act Now)	HIGH (Act ASAP)	MODERATE (Plan)	LOW (Review)
<b>Water drainage</b>					
20. Is excess water runoff from buildings and structures controlled as per the projects guidelines?					
21. Will earth works / roads effect the natural runoff of storm water?					
22. Are spill and accident management procedures in place?					
<b>Animals and plants</b>					
23. Are there any at risk plants?					
24. Are there any at risk animals?					
25. Are there any migratory, protected or endangered species of animals / birds or fish?					
<b>Air quality</b>					
26. Will the work process produce any offensive odours?					
27. Will the work process produce environmental damage from dust, smoke or exhaust fumes that are outside the project environmental guidelines?					
<b>Noise</b>					
28. Are noise levels environmentally acceptable as per the project guidelines?					
<b>Light</b>					
29. Do lights on buildings, vehicles and plant meet the environmental guidelines of the project?					
<b>ADDITIONAL HAZARDS</b>					
43.					
44.					
45.					
46.					

<b>RISK ASSESSMENT AND MANAGEMENT RECORD</b>									
<b>HIERARCHY OF CONTROLS PLANNED OR IMPLEMENTED</b>									
<b>Item #</b>	<b>Date</b>	<b>Identified Hazard</b>	<b>Assessed Risk Level</b>	<b>Control 1 Eliminate</b>	<b>Control 2 Substitute</b>	<b>Control 3 Isolate or Guard</b>	<b>Control 4 Redesign or Engineering</b>	<b>Control 5 Administration</b>	<b>Control 6 PPE</b>

IMPLEMENTATION AND CONTROL SHEET						
Item #	RISK MANAGEMENT ACTION REQUIRED	Responsible Person	Cost \$	Target Date	Date Actioned	Revised Risk Level after Action