

DETAILED RISK MATRIX

<p style="text-align: center;">SEVERITY</p> <p style="text-align: center;">LIKELIHOOD</p>	<p style="text-align: center;">FREQUENT (1)</p> <p>Expected to occur routinely or repeatedly over the life of the facility. Weekly or monthly; probability – 0.1</p>	<p style="text-align: center;">PROBABLE (2)</p> <p>Commonly known to occur but not routine. Likely to happen at several times in the life of the facility. Yearly or longer; probability – 0.01</p>	<p style="text-align: center;">OCCASIONAL (3)</p> <p>Likely to occur sometime in the facility life. Not normally expected unless precautionary measures fail. Once every 10 years; probability – 0.001</p>	<p style="text-align: center;">REMOTE (4) (Unlikely)</p> <p>Has happened somewhere and could conceivably occur at this facility but it is very unlikely. Probability – 0.000001 to 0.001</p>	<p style="text-align: center;">IMPROBABLE (5)</p> <p>So unlikely, assumed impossible that this will ever happen at this facility. Probability – 0.000001</p>
CATASTROPHIC (A)					
<p>Worker Injury: Multiple Fatalities Public Safety: Fatality, Evacuation Environment: Widespread Habitat Damage Property Damage: Over \$1,000,000 Regulatory Compliance: Formal Charges Company Reputation: International</p>	<p style="text-align: center;">HIGH RISK (A1)</p> <p>STOP and evaluate thoroughly. Take all necessary steps to reduce risks.</p>	<p style="text-align: center;">HIGH RISK (A2)</p> <p>STOP and evaluate thoroughly. Take all necessary steps to reduce risks.</p>	<p style="text-align: center;">HIGH RISK (A3)</p> <p>STOP and evaluate thoroughly. Take all necessary steps to reduce risks.</p>	<p style="text-align: center;">MODERATE RISK (A4)</p> <p>STOP and re-evaluate. Take all necessary steps to reduce risks.</p>	<p style="text-align: center;">MODERATE RISK (A5)</p> <p>Review and evaluate potential risks. Take appropriate steps to reduce risks.</p>
MAJOR (B)					
<p>Worker Injury: Fatality, Disabling Injury or Illness Public Safety: Injury to Public, Environment: Spill into water/groundwater, off lease impacts Property Damage: \$150,000 to \$1,000,000 Regulatory Compliance: Stop Work Order Company Reputation: National</p>	<p style="text-align: center;">HIGH RISK (B1)</p> <p>STOP and evaluate thoroughly. Take all necessary steps to reduce risks.</p>	<p style="text-align: center;">HIGH RISK (B2)</p> <p>STOP and evaluate thoroughly. Take all necessary steps to reduce risks.</p>	<p style="text-align: center;">MODERATE RISK (B3)</p> <p>STOP and re-evaluate. Take all necessary steps to reduce risks.</p>	<p style="text-align: center;">MODERATE RISK (B4)</p> <p>Review and evaluate potential risks. Take appropriate steps to reduce risks.</p>	<p style="text-align: center;">MODERATE RISK (B5)</p> <p>Review and evaluate potential risks. Take appropriate steps to reduce risks.</p>
SERIOUS (C)					
<p>Worker Injury: LTA, Modified Work Public Safety: Potential for Injury Environment: +20 m3 Spill, onto ice or water Property Damage: \$25,000 to \$150,000 Regulatory Compliance: Fine or Penalty Company Reputation: Regional</p>	<p style="text-align: center;">HIGH RISK (C1)</p> <p>STOP and evaluate thoroughly. Take all necessary steps to reduce risks.</p>	<p style="text-align: center;">MODERATE RISK (C2)</p> <p>Review and evaluate potential risks. Take appropriate steps to reduce risks.</p>	<p style="text-align: center;">MODERATE RISK (C3)</p> <p>Review and evaluate potential risks. Take appropriate steps to reduce risks.</p>	<p style="text-align: center;">LOW RISK (C4)</p> <p>Review and evaluate potential risks. Take appropriate steps to reduce risks.</p>	<p style="text-align: center;">LOW RISK (C5)</p> <p>Evaluate, consider needs and alternatives for reducing risks.</p>
MINOR (D)					
<p>Worker Injury: First Aid, Medical Aid, Public Safety: No Impact Environment: +2 m3 Spill, off lease Property Damage: \$5000 to \$25,000 Regulatory Compliance: Written Warning Company Reputation: Local</p>	<p style="text-align: center;">MODERATE RISK (D1)</p> <p>Review and evaluate potential risks. Take appropriate steps to reduce risks.</p>	<p style="text-align: center;">MODERATE RISK (D2)</p> <p>Review and evaluate potential risks. Take appropriate steps to reduce risks.</p>	<p style="text-align: center;">LOW RISK (D3)</p> <p>Review and evaluate potential risks. Take appropriate steps to reduce risks.</p>	<p style="text-align: center;">LOW RISK (D4)</p> <p>Evaluate, consider needs and alternatives for reducing risks.</p>	<p style="text-align: center;">LOW RISK (D5)</p> <p>Evaluate, consider needs and alternatives for reducing risks.</p>
NEGLIGIBLE (E)					
<p>Worker Injury: Non-treatment Injury Public Safety: No Impact Environment: Spill less than 2 m3, on lease Property Damage: Less Than \$5000 Regulatory Compliance: Verbal Warning Company Reputation: None</p>	<p style="text-align: center;">MODERATE RISK (E1)</p> <p>Review and evaluate potential risks. Take appropriate steps to reduce risks.</p>	<p style="text-align: center;">LOW RISK (E2)</p> <p>Review and evaluate potential risks. Take appropriate steps to reduce risks.</p>	<p style="text-align: center;">LOW RISK (E3)</p> <p>Evaluate, consider needs and alternatives for reducing risks.</p>	<p style="text-align: center;">LOW RISK (E4)</p> <p>Evaluate, consider needs and alternatives for reducing risks.</p>	<p style="text-align: center;">LOW RISK (E5)</p> <p>Evaluate, consider needs and alternatives for reducing risks.</p>