

INCIDENT INVESTIGATION RISK MATRIX



RISK TABLES

Rating	People	Interruption to Service	Reputation (Social / Community)	Compliance	Property (Plant, Equipment, Buildings)	Natural Environment	Financial Impact	Project Time	Project Cost
Insignificant (1)	Near-Miss	No material service interruption. Less than 1 hour	Unsubstantiated, localised low impact on community trust, low profile or no media item	No noticeable regulatory or statutory impact	Inconsequential damage.	Contained, reversible impact managed by on site response	Less than \$10,000	Exceeds deadline by 5% of project timeline	Exceeds project budget by 2%
Minor (2)	First Aid Treatment	Short term temporary interruption – backlog cleared <1 day	Substantiated, localised impact on community trust or low media item	Some temporary non compliances	Localised damage rectified by routine internal procedures	Contained, reversible impact managed by internal response	\$10,000 to \$100,000	Exceeds deadline by 10% of project timeline	Exceeds project budget by 5%
Moderate (3)	Medical treatment / Lost time injury <30 Days	Medium term temporary interruption – backlog cleared by additional resources <1 week	Substantiated, public embarrassment, moderate impact on community trust or moderate media profile	Short term non-compliance but with significant regulatory requirements imposed	Localised damage requiring external resources to rectify	Contained, reversible impact managed by external agencies	\$100,001 to \$350,000	Exceeds deadline by 15% of project timeline	Exceeds project budget by 7.5%
Major (4)	Lost time injury >30 Days / temporary disability	Prolonged interruption of services, additional resources; performance affected <1 month	Substantiated, public embarrassment, widespread high impact on community trust, high media profile, third party actions	Non-compliance results in termination of services or imposed penalties to Shire / Officers	Significant damage requiring internal & external resources to rectify	Uncontained, reversible impact managed by a coordinated response from external agencies	\$350,000 to \$2.0M	Exceeds deadline by 20% of project timeline	Exceeds project budget by 15%
Extreme (5)	Fatality, permanent disability	Indeterminate prolonged interruption of services non-performance > 1 month	Substantiated, public embarrassment, widespread loss of community trust, high widespread multiple media profile, third party actions	Non-compliance results in litigation, criminal charges or significant damages or penalties to Shire / Officers	Extensive damage requiring prolonged period of restitution Complete loss of plant, equipment & building	Uncontained, irreversible impact	>\$2.0M	Exceeds deadline by 25% of project timeline	Exceeds project budget by 20%

MEASURES OF LIKELIHOOD

Level	Rating	Description	Frequency
5	Almost Certain	The event is expected to occur in most circumstances	More than once per year
4	Likely	The event will probably occur in most circumstances	At least once per year
3	Possible	The event should occur at some time	At least once in 3 years
2	Unlikely	The event could occur at some time	At least once in 10 years
1	Rare	The event may only occur in exceptional circumstances	Less than once in 15 years

RISK MATRIX

Consequence		Likelihood				
		Insignificant	Minor	Moderate	Major	Extreme
		1	2	3	4	5
Almost Certain	5	Moderate (5)	High (10)	High (15)	Extreme (20)	Extreme (25)
Likely	4	Low (4)	Moderate (8)	High (12)	High (16)	Extreme (20)
Possible	3	Low (3)	Moderate (6)	Moderate (9)	High (12)	High (15)
Unlikely	2	Low (2)	Low (4)	Moderate (6)	Moderate (8)	High (10)
Rare	1	Low (1)	Low (2)	Low (3)	Low (4)	Moderate (5)

RISK ACCEPTANCE

Risk Rank	Description	Criteria	Responsibility
LOW (1-4)	Acceptable	Risk acceptable with adequate controls, managed by routine procedures and subject to annual monitoring	Supervisor / Team Leader
MEDIUM (5-9)	Monitor	Risk acceptable with adequate controls, managed by specific procedures and subject to semi-annual monitoring	Service Manager
HIGH (10-16)	Urgent Attention Required	Risk acceptable with excellent controls, managed by senior management / executive and subject to monthly monitoring	Executive Leadership Team
EXTREME (17-25)	Unacceptable	Risk only acceptable with excellent controls and all treatment plans to be explored and implemented where possible, managed by highest level of authority and subject to continuous monitoring	CEO / Council

EXISTING CONTROL RATINGS

Rating	Foreseeable	Description
Effective	There is little scope for improvement.	Processes (Controls) operating as intended and / or aligned to Policies & Procedures; are subject to ongoing maintenance and monitoring and are being continuously reviewed and tested.
Adequate	There is some scope for improvement.	Whilst some inadequacies have been identified; Processes (Controls) are in place, are being addressed / complied with and are subject to periodic review and testing.
Inadequate	A need for corrective and / or improvement actions exist.	Processes (Controls) not operating as intended, do not exist, or are not being addressed / complied with, or have not been reviewed or tested for some time.