

MANAGING HAZARDS

EVENT: Spill Incident



THREATS e.g. loss of well control

CONSEQUENCES

PREVENTION CONTROL MEASURES

REDUCE LIKELIHOOD

- Technical standards & procedures
- Equipment testing, certification
- Risk assessments
- Multiple drilling safeguards

INCREASED REGULATORY EXPECTATIONS (post-Macondo)

- Independent well examiner
- Improved blow-out preventers
- Real time monitoring
- Increased training & competencies
- CNSOPB oversight plan

RECOVERY MEASURES

MITIGATE CONSEQUENCES

- Emergency response plan
- Oil spill response plan
- Emergency response team

INCREASED REGULATORY EXPECTATIONS (post-Macondo)

- Net environmental benefit analysis
- Well containment plan

SPILL INCIDENT PROBABILITY & CONSEQUENCES ARE REDUCED >

THREATS



CONSEQUENCES (REDUCED)

(REDUCED PROBABILITY)