

Environment Management Series

ENVIRONMENT INCIDENT IDENTIFICATION & RESPONSE

TOOLBOX PRESENTATION – WHYALLA SHARED FACILITY



Environment Management Series: EMS004 – Key Information: Environment Incident Identification & Response (V3)
(Whyalla Shared Facility – includes PP & Port Facilities)

WHAT IS AN ENVIRONMENTAL INCIDENT?

An environmental incident is an unexpected, unplanned occurrence, which resulted in, or has the potential to result in, property damage, environmental harm or nuisance

Why is it important that we report **all** environmental incidents?

- we all have a duty to report pollution incidents under the SA Environment Protection Act, 1993 & to adhere to our environmental licence.
- to ensure they are investigated & root causes are identified
- to ensure corrective actions are implemented and reviewed for effectiveness to prevent reoccurrence

Report all Environmental Incidents (events), Hazard – Unsafe Conditions,
Hazard – At Risk Behaviours into MyCority.

EXAMPLES OF INCIDENTS

Bunding, Spills and Leaks -



Oil spills/ leaks onto unsealed ground



Hydraulic oil leak from truck



Wash oil spill



Bund requires emptying.
Reduced capacity Rubbish in
the bund



Drum damaged, no lid,
full of waste oil & un-
bunded



Un-bunded oil drums



Oil spill into ponds

REPORT spillage of oil, hydraulic fluid, fuel, acid, chemicals or other pollutants to:

- ground – any amount >20L to sealed or unsealed surface
- drains, fresh or saltwater ponds or the sea – all discharges regardless of volume
- Bunding failures or issues

EXAMPLES OF INCIDENTS

Dust -



Fugitive dust from vehicle
FDR 2 dust above height of vehicle



Dust from screening
FDR 3 impacting off site



Material handling dust
FDR 2 impacting outside of work area

REPORT dust emissions (in line with the Fugitive Dust Ranking system) from:

- material handling / mobile equipment working areas (including crushing & screening plants)
- process dust
- stockpile fugitive dust
- open area fugitive dust
- roads / vehicle activity
- material transfer points

An incident must be reported for dust emissions that reach FDR2 and the activity continues without all the EMP controls in place, or if dust emissions reach FDR3 and the activity is not stopped.

EXAMPLES OF INCIDENTS

Other emissions -



Dark stack emissions



Pollution control equipment not functioning

REPORT emissions from:

- stacks (i.e. coke ovens bleeders, combustion smoke from stacks) - Any dark emissions of any duration (where not monitored).
- pollution control equipment- any equipment malfunction resulting in visible emission OR operating plant without pollution control equipment

EXAMPLES OF INCIDENTS

Waste -



General rubbish bin – waste not segregated



Waste brought in from off-site



Cardboard bin contamination



Hard fill contaminated with other wastes

REPORT inappropriate waste disposal such as:

- incorrect disposal of waste in non-approved locations
- contamination of waste bins (mixed waste) resulting in breach of licence conditions
- non-approved transport of waste to & from the site

EXAMPLES OF INCIDENTS

Other -



Unauthorised vegetation clearance

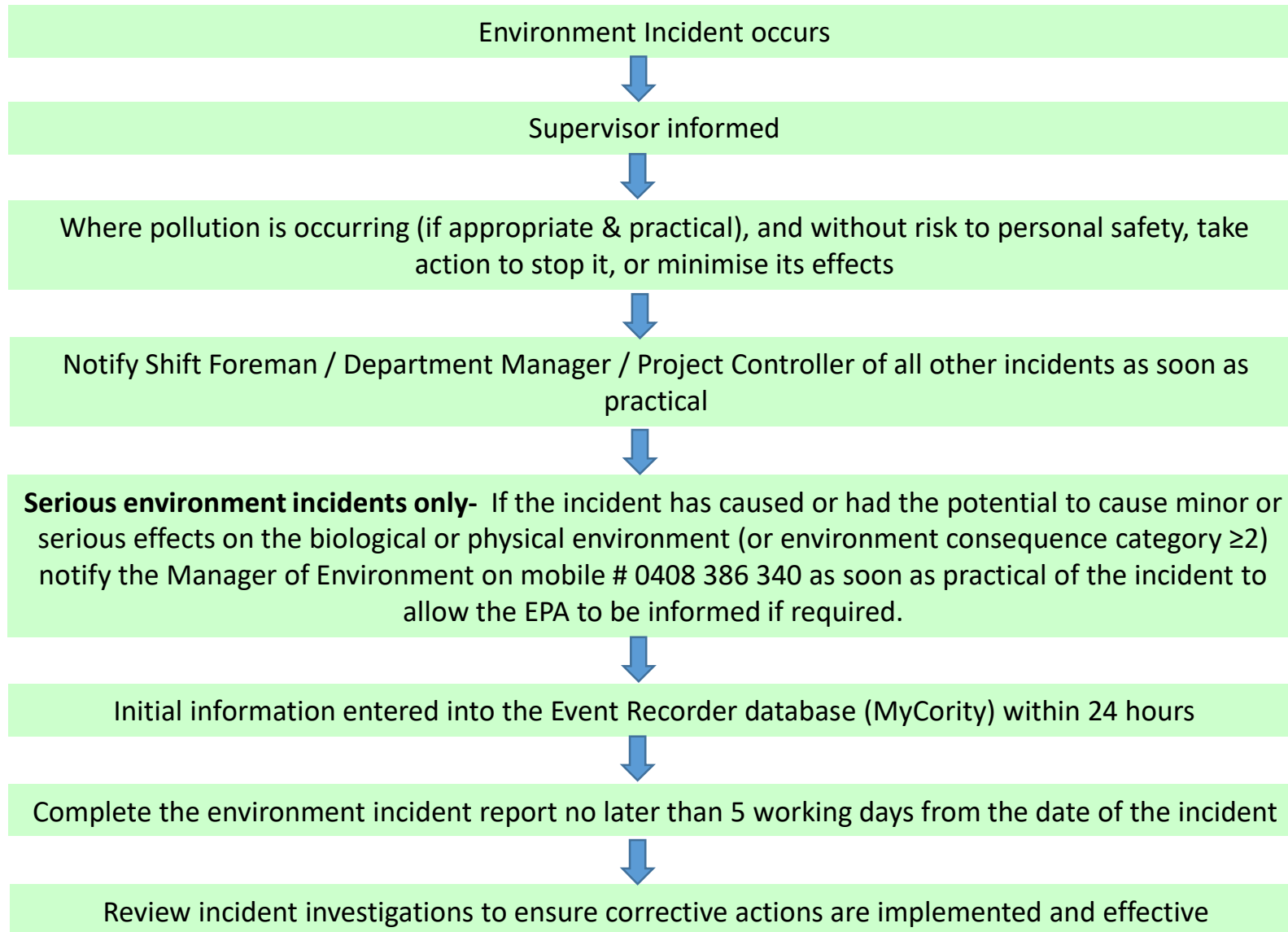


Ongoing water leak requiring action

REPORT the following as incidents:

- any vegetation clearance without environmental approval (Native Veg. Act)
- resource wastage (water or energy) i.e. any continuous leak, water wastage over 1000L over any period or any power wastage event requiring an action to rectify.
- impacts on flora & fauna
- system failure resulting in environmental impact

Basic Incident Response



Environment Incident Identification & Response



HOW DO I REPORT AN ENVIRONMENT INCIDENT (EVENT)?

- Open MyCority – access from the SharePoint home page
- Select 'New Event Report'
- Select 'Environment Event'
- Enter details of the incident including immediate actions taken, pollutant information, root cause, actions to prevent re-occurrence & attach any photos

