

5.6 SUMMARIZED DISASTER MANAGEMENT PLAN

5.6.1 LIKELY types of disaster

- Man Made
- Natural – Act of God

DETAILS

- MAN MADE

➤ High Risk of Aircraft crashes.

LOCATION:

Holding beacon South of Heidelberg. Airfield –
Small/Medium Aircraft [in case of emergency landing].

PREVENTION:

Beyond prevention of Emergency Services. Safety aviation
Regulations. Communication and liaison with Airports
Company [reduce risk].

➤ Train Accidents

LOCATION:

Goods Trains | Risk of HAZMAT incident/Variou Rail
routes in and around Heidelberg [Main line to coast,
ports]/Devon. Passenger Trains | Risk of collisions involving
large amounts of patients, and Areas. Various rail routes as
above.

PREVENTION:

Beyond emergency services control. Communication and
liaison with Railway Company [reduce risk]. Rapid response
and intervention preventing subsequent incidents as a result
of an isolated incident.

➤ Vehicle Collisions

Highway with potential HAZMAT incidents.

LOCATIONS:

N3 – Main Access route to Coast.

N17 – High Risk Dangerous crossings.

R42 -

R23 – Alternative Route to Coast.

PREVENTION:

Beyond Emergency Services control. Communication and
liaison with road safety agencies [reduce risk]. Rapid
response and intervention preventing subsequent incidents as
a result of an isolated incident. Arrive alive campaigns.

Passenger Vehicles:

Busses

- **Hazardous spills into Spruits/Rivers etc. | High Risk to Informal Settlements.**
PREVENTION:
 Communication and liaison with nature conservation agencies [reduce risk]. Rapid response and intervention preventing subsequent incidents as a result of an isolated incident.
 Secure, prevent contamination. Utilization of Specialized HAZMAT Company in conjunction with water affairs and nature conservation.

- **High number of bridges on N3 crossing Rivers/Railway lines.**
 Risk of access to town being interrupted.

- **Gas and Fuel Pipelines**
 Two Gas lines from Sasol to Secunda [Oxygen & Propylene].
PREVENTION:
 Awareness
 Rapid Intervention.

- **Industrial Incidents**
 Factories
 Fuels depot.
 Gas Installations.

- **Acts of Terrorism/Sabotage**
PREVENTION:
 Adequate safety and security.
 Awareness
 Rapid Intervention
 Correct Scene Management

- **Risk Areas**
 Large Shopping malls | 3 small mall type shopping centers.
 1 Medium type shopping center.
 Hospitals | 2 x Hospitals.
 Schools | Approx 20 schools [Nursery/Primary/High Schools.
 Hostel facilities.
 Mass gatherings/Public meetings | Town Hall
 Community Centers
 Places of worship/churches | Approx. 30.
 Sports and recreation facilities
 Various locations/various sport areas.
 Power stations
 Old Age Homes
 Continuation of water supply.

- **Fire**

- **Rivers**

- **Floodwaters [sabotage dam walls]**

- **NATURAL – ACT OF GOD**

- Floods | Informal Settlements close to dormant riverbeds etc.
- Heavy Downpours.
- Windstorms.
- Landslides.
- Earthquakes.
- Epidemics.
- Drought
- Snow
- Hail.

5.6.2 Contingency Plans and Emergency Procedures

- Joint operation centers.
- Satisfactory Predetermined attendance.
- Standard operating procedures in place.

- Predefined plans of action.
- Communication systems.
- Mutual aid agreements with neighboring services.
- Access and utilization of specialized services.

- Hazmat company
- Tow services
- Private Ambulances
- Specialized rescue services
- Specialized fire services
- Security

- Successful chain of command.
- Establishment of Control points.
- Utilization of community assistance.