

## 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/Variation 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

###### 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.

##### ➤ Hazardous spills into Spruets/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]**

- 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.

- NATURAL – ACT OF GOD