

## 5.5 SUMMARIZED DISASTER MANAGEMENT PLAN

### 5.5.1 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.

### **5.5.2 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.