

**AGENDA of the
Portfolio Committee : Protection Services, Economic Development & Tourism
21 August 2018
(Also the agenda for the Mayoral Committee Meeting : 29 August 2018)**

**3.
REVIEW OF THE OVERSTRAND MUNICIPALITY DISASTER MANAGEMENT PLAN**

2/B

**NJ Michaels
23 July 2018**

(028) 313 8054

Corporate Head Office

1. Executive Summary

The purpose of the report is to present to council a Disaster Management Plan aimed to identify, reduce or prevent disasters from happening and lessor or minimise the impacts of disasters that are inevitable.

2. Service Delivery and Budget Implementation Plan - IGNITE

Directorate: Protection and Security Services
Protection and Security Services

3. Compliance with Strategic Priorities

Provision of democratic, accountable and ethical governance
Provision and maintenance of municipal services
Creation and maintenance of a safe and healthy environment

4. Delegated Authority

None

5. Legal Requirements

Constitution of the Republic of South Africa, 1996
Disaster Management Act No 57 of 2002
Fire Brigade Services Act No 99 of 1987
Local Government: Municipal Systems Act No 32 of 2000
Local Government: Municipal Structures Act No 117 of 1998
Community Fire Safety By-law, P.N. 6454/2007
Service Delivery and Budget Implementation Plan (SDBIP) 2017/18
By-laws of the Overstrand Municipality

6. Background

In accordance with the provision of the Constitution of the Republic of South Africa, 1996, the Overstrand Municipality is responsible to promote a safe and healthy environment for all communities, investors and visitors within its boundaries.

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Discussion

Disaster Management forms an integral part of Overstrands integrated development planning, however Section 53 of the Disaster Management Act stipulates that each Municipality must prepare a disaster management plan for its area, based on the prevailing circumstances.

7. Financial Implications

None

8. Staff Implications

None

9. Comments from other Departments, Divisions and Administrations

None

10. Annexures

- Annexure A: Overstrand Disaster Management Plan 2018/19
- Annexure B: Preparedness Plan: Gansbaai
- Annexure C: Preparedness Plan: Stanford
- Annexure D: Preparedness Plan: Hermanus
- Annexure E: Preparedness Plan: Kleinmond
- Annexure F: Veld Fire Management plan
- Annexure G: Flood Contingency Plan
- Annexure H: Conflict Contingency Plan
- Annexure I: Emergency Resource Telephone List
- Annexure J: Risk register
- Annexure K: Notice for public participation process
- Annexure L: Disaster Management Plan workshop conducted on 23 May 2018

RECOMMENDATION TO THE COUNCIL:

that the Overstrand Municipality Disaster Management Plan **be adopted**.

RESPONSIBLE OFFICIAL :

L SMITH

TARGET DATE FOR IMPLEMENTATION :

29 AUGUST 2018

**AGENDA of the
Portfolio Committee: Protection Services, Economic Development & Tourism
22 August 2018
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PLAN**

2/B

**NJ Michaels
23 July 2018**

(028) 313 8054

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**THIS MATTER SERVED BEFORE THE JOINT PORTFOLIO COMMITTEE ON
22 AUGUST 2018, WHICH COMMITTEE RECOMMENDED AS FOLLOWS:**

RECOMMENDATION TO THE COUNCIL:

that the Overstrand Municipality Disaster Management Plan **be adopted**.

RESPONSIBLE OFFICIAL :

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OVERSTRAND

DISASTER MANAGEMENT PLAN

Municipaliteit • U-Masipala • Municipality



2018/2019



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1. LEGAL FRAME WORK AND DISTRIBUTION

- 1.1. The Disaster Management Act (sec 53) stipulates that each Municipality must prepare a Disaster Management Plan/Framework for its area according to the circumstances prevailing in the area, after consulting with the District Municipality and other Local Municipalities within the area of the District Municipality. Sections 25, 38, 52 and 53 specify that those organs of state, must each prepare a disaster management plan setting out amongst others its roles and responsibilities regarding emergency response, post disaster recovery and rehabilitation, as well as an outline of the capacity to fulfill these roles and responsibilities and contingency strategies and emergency procedures in the event of a disaster, including measures to finance these strategies
- 1.2. The formulation and implementation of a Disaster Management Plan forms part of the IDP process for the Overstrand Municipality. The purpose of this Disaster Management Plan [Disaster Management Act 57 Sect 53 (2)] is to ensure that there is disaster management at all times, enhancing the Overstrand Municipality's ability to prevent and to deal with disasters and to avoid development that is considered high risk in terms of the potential for disasters.
- 1.3. Overstrand Disaster Management Plan:
 - a. Forms an integral part of the Municipality's Integrated Development Plan;
 - b. Anticipate the types of disasters that are likely to occur in the municipal area as well as their possible effects.

- 1.4. The Plan place emphasis on measures that reduce the vulnerability of disaster-prone areas, communities and households.
- 1.5. It seeks to develop a system of incentives that will promote disaster management in the Municipality;
 - a. Identify the areas, communities and households that are at risk;
 - b. Take into account indigenous knowledge relating to disaster management;
 - c. Promote disaster management research;
 - d. Identify and address weaknesses in the capacity to deal with possible disasters;
 - e. Provide for approximate prevention and mitigation strategies;
 - f. Facilitate maximum emergency preparedness; and
 - g. Contain contingency plans and emergency procedures in the event of disasters, providing for:
 - i. The allocation of responsibilities to the various role-players and co-ordination in the execution of those responsibilities;
 - ii. Prompt disaster response and relief;
 - iii. Procurement of essential goods, equipment and services;
 - iv. Establishment of strategic communication links; and
 - v. Dissemination of information.
- 1.6. The Overstrand Municipality must establish and implement a policy framework for Disaster Management in the municipality which is aimed at:
 - a. Risk identification
 - b. Risk assessment
 - c. Risk response

- d. Risk response development
- 1.7. The Overstrand Disaster Management plan is consistent –
- a. With the provisions of the Disaster Management Act 2002;
 - b. With the Disaster Management Policy Framework of the Overberg District, Provincial Government and National Government.
- 1.8. Disaster management plans are compiled on the basis of a generic plan including standard operating procedures and best practice, and then expanded with risk-specific plans that address disaster management for special circumstances where the generic plan needs to be adapted.
- 1.9. This Disaster Risk Management Plan is produced by Overstrand Disaster Management as part of its responsibility in terms of the Disaster Management Act, 2002.

2. INTRODUCTION

- 2.1. The Disaster Management Act, 2002 is a legal instrument that provides coherent and transparent information with an aim of reducing, minimizing and preventing disaster through risk assessment and mitigation strategies. This can be achieved by excellent communication and expertise of different services, access of funds and access to sufficient resources.
- 2.2. Priority will be given to development measures that reduce the vulnerability of disaster prone areas; communities, agriculture and infrastructure within each line function.
- 2.3. Disaster Management is also responsible to promote disaster management training and community awareness to reduce vulnerability to communities most at risk.

3. PURPOSE

- 3.1. To establish a disaster management strategy guiding the disaster managing plans of the various departments and role players. It is critical that an efficient and effective disaster response can be mobilized. Response is a collective responsibility. In a major emergency or disaster, people need to know what to do, who will do it and how it will be done.
- 3.2. The ability to respond quickly and effectively will depend on good preparation.
- 3.3. Emergency Preparedness: This plan is designed to establish the framework for implementation of the provisions of the future.
- 3.4. The purpose of this plan is to outline procedures for both the pro-active disaster prevention and the reactive disaster response and mitigation phases of Disaster Management.
- 3.5. It is intended to facilitate multi-agency & multi-jurisdictional coordination in both pro-active and reactive programs.

4. ROLE OF DISASTER MANAGEMENT UNIT

- 4.1. To Compile and adopt a disaster management policy
- 4.2. Compile and maintain disaster management plans/ framework
- 4.3. Establish a disaster management committee
- 4.4. Establish community partnerships that combine the access and attributes of everyone with a stake in disaster resistance

5. DISASTER RISK REGISTER

Please see Appendix I

6. RISK REDUCTION

- 6.1. Risk awareness programs
- 6.2. Risk prevention programs
- 6.3. Formal and informal training with regard to emergency services and disaster relief
- 6.4. Research in formal and informal settlements with regard to location, growth and development
- 6.5. Upgrading of vehicles, equipment and protective clothing

7. GEOGRAPHICAL OVERVIEW PROFILE

- 7.1. The Municipality covers a land area of approximately 1 708 km², with a population density of 53 people per square kilometer (based on a population of 90 000) and covers the areas of Hangklip/Kleinmond, Greater Hermanus, Stanford and Greater Gansbaai. The municipal area has a coastline of approximately 230 km, stretching from Rooi Els in the west to Quinn Point in the east.

8. DEMOCRATIC PROFILE

- 8.1. The municipality's estimated^a population for 2014/15 is 90 000. (^aOwn calculation based on the average annual growth rate from 2001 to 2011 census figures.)
- 8.2. During festivals and festive seasons the influx of visitors can increase the population of Overstrand with up to 50 percent.
- 8.3. These growth rates are, however, faster than the Overberg District Municipality's average of 1, 8 per cent. Consequently, it is expected that the Overstrand will become the most densely populated municipality within the Overberg in due course.

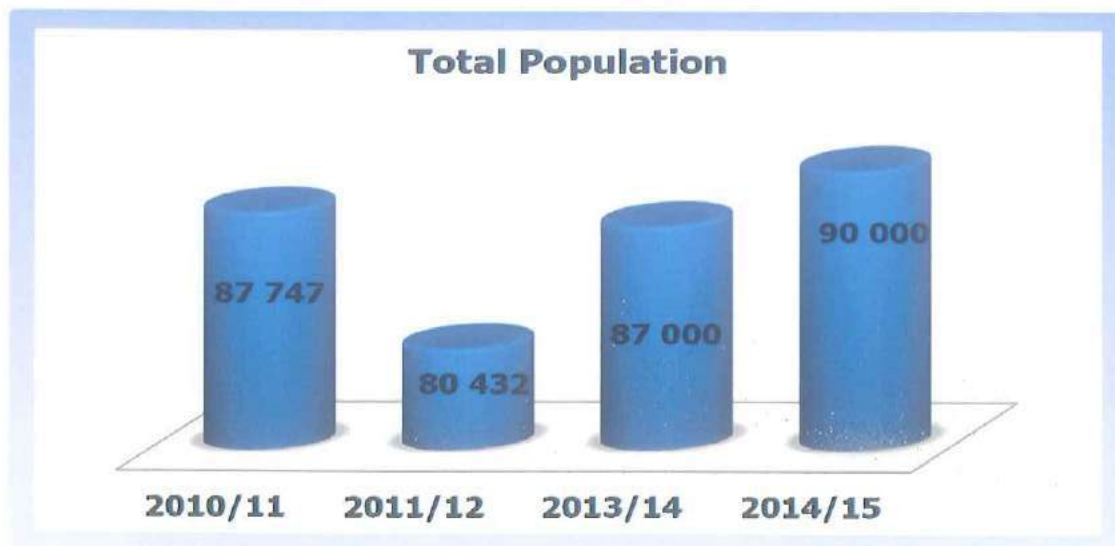
9. OVERSTRAND POPULATION PROFILE

The table below indicates the total population within the municipal are:

2010/11	2011/12	2013/14	2014/15
87 747	80 432 ¹	87 000 ²	90 000 ²
<i>Source: Western Cape Department of Social Development Population Projections Populations projected as at 14 February of 2008, 2009 and 2010.</i> ¹ Stats SA Census, 2011, ² Overstrand own calculation			

Table 1: Demographic information of the municipal area – total population

The graph below illustrates the yearly population growth for the municipal area



Graph 1: Total Population Growth

Age	2011/12*			2012/13*			2013/14*			2014/15		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Age: 0-9	6 087	6 090	12 177	6561	6560	13121	6558	6562	13120	6808	6811	13619
Age: 10-14	2 557	2 541	5 098	2696	2699	5395	2754	2737	5491	2859	2841	5699
Age: 15-19	2 455	2 681	5 136	2531	2795	5326	2644	2889	5533	2745	2998	5743
Age: 20-24	3 321	3 209	6 530	3552	3391	6942	3578	3458	7036	3714	3589	7303
Age: 25-39	10 890	9 984	20 874	12182	11004	23186	11734	10757	22492	12180	11166	23346
Age: 40- 54	6 407	6 522	12 929	7040	7185	14225	6904	7028	14920	7167	7295	14462
Age: 55-69	5 114	5 896	11 010	5557	6419	11975	5510	6353	11863	5719	6594	12313
Age: 70-84	2 690	3 174	5 864	3129	3682	6812	2897	3420	6317	3007	3550	6557
Age: 85+	267	548	815	337	679	1016	287	587	874	297	610	907

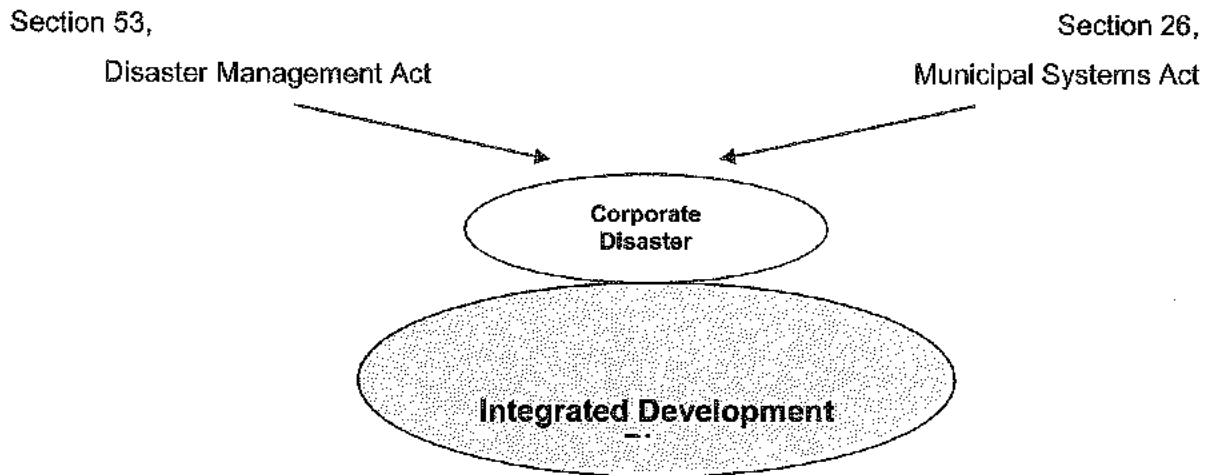
*Source: Stats SA Community Survey 2007, Census 2011
Overstrand's own projections for 2012/13, 2013/14 and 2014/15*

Table 2: Population profile

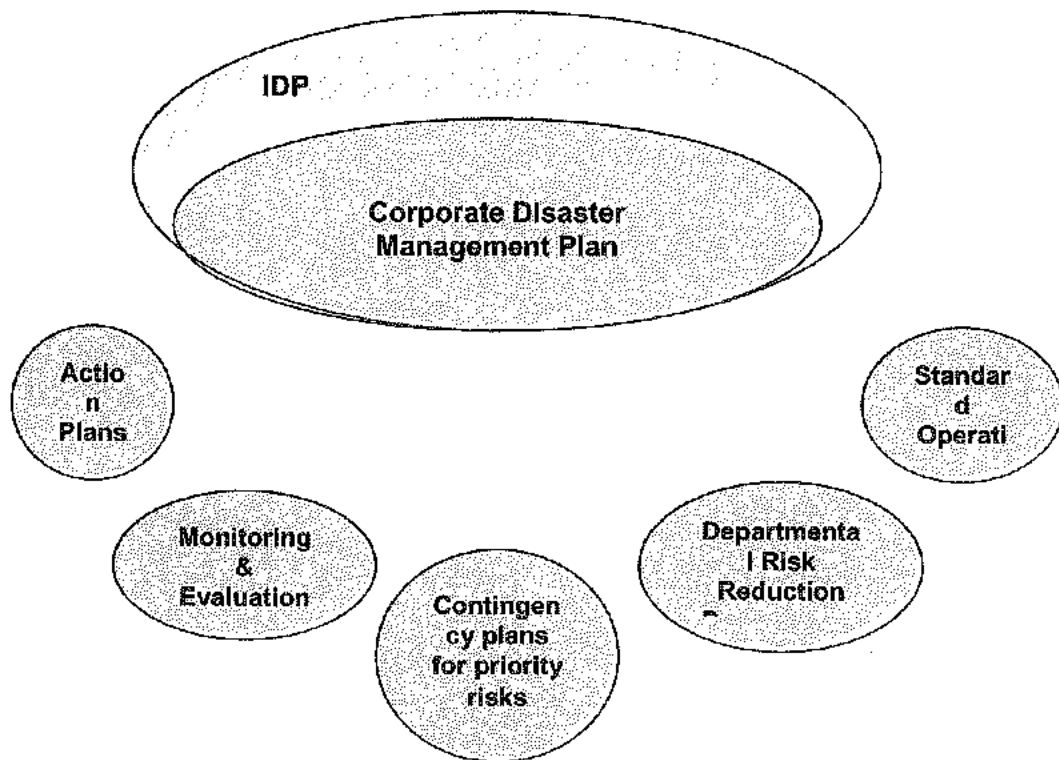
10. INTEGRATED DEVELOPMENT PLANNING

An active public participation was followed during finalization of the disaster management plan.

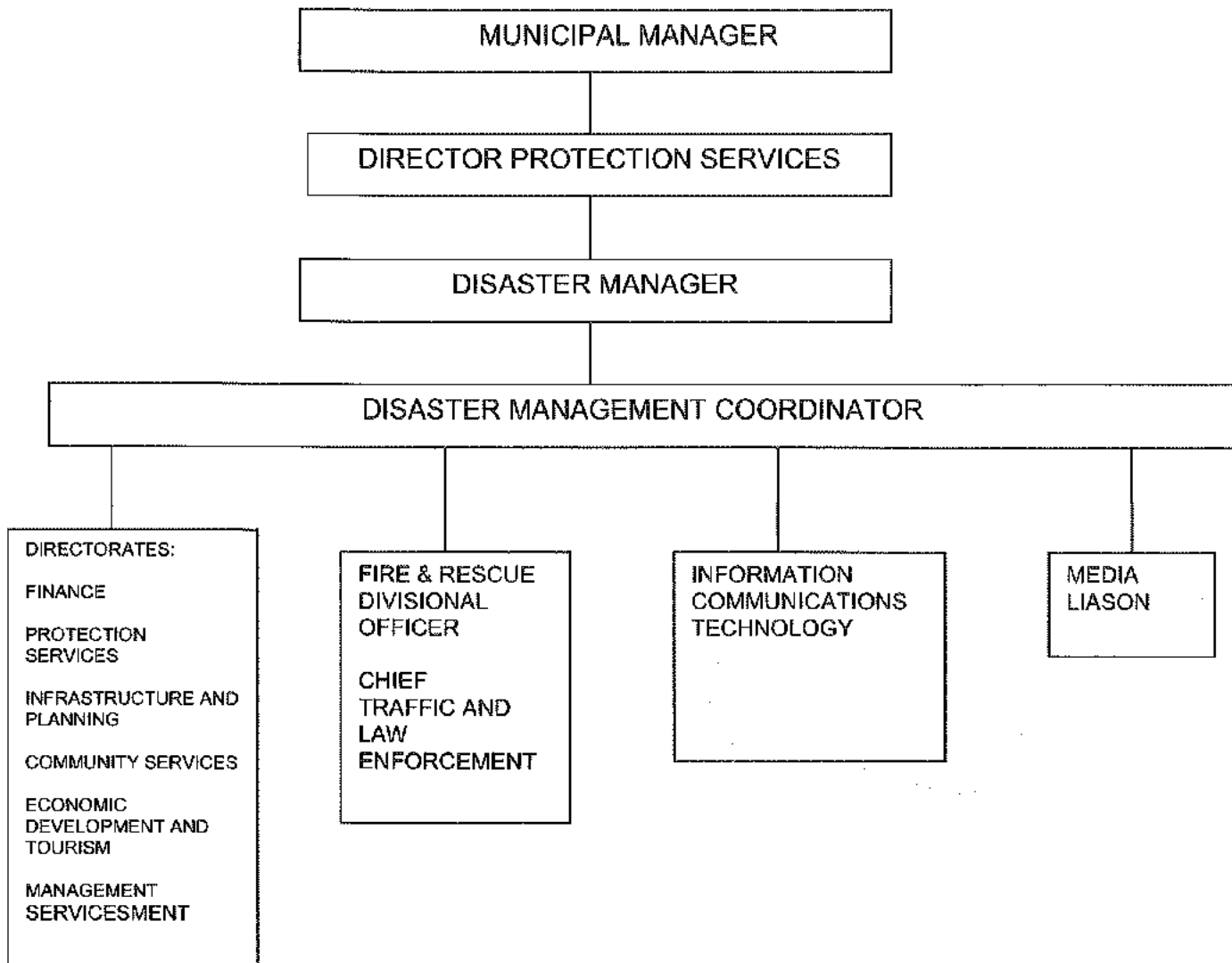
The two diagrams below illustrate how the Corporate Disaster Plan and the IDP interact.



Interaction of the IDP and the Corporate Disaster Management Plan



11. MANAGEMENT STRUCTURE IN EVENT OF DISASTER



12. DIRECTORATE DIRECTIVES

12.1. Municipal Manager

Gives effect to the Disaster Management Act, 2002 and the regulation there under for the establishment and Disaster Management operations.

Integrates disaster risk management activities into the core mandate of the Overstrand Municipality in order to ensure disaster risk reduction takes place.

Ensures the effective integration of disaster management within the Overstrand IDP.

Encourages research in disaster risk management and publication of any internal research findings.

- **Duties**

- Responds to disaster incidents
- Reports to Incident Command

- **Procedures**

- Receives emergency notifications by radio/telephone or orally
- Instructs the disaster officials to respond to incidents
- Places departmental heads on standby

12.2. **Director Protection Services**

Identifies specific hazards and vulnerability relating to the core function of the directorate and/or priority disaster risks for the directorate

Integrates disaster risk management activities into the core mandate of the directorate in order to ensure disaster risk reduction takes place.

Identifies directorate projects which will reduce risk in vulnerable communities

Compiles a contingency and business continuity plans for department/s. Ultimately they are additions to the basic plan as developed by the Disaster Management that provides for the coordinated utilisation of resources. Thus, every line function structure must have a formal contingency plan for a disaster as defined by the Disaster Management Act,2002.

Ensures that early warnings are linked to contingency plans.

Identifies specific target groups for awareness campaigns and coordinate such campaigns with Disaster Management.

Motivates allocation of a percentage of the annual budget (CAPEX and OPEX) to implement Disaster Risk Management projects.

- **Duties**

- Responds to disaster incidents
- Reports to Incident Command

- **Procedures**

- Receives emergency reports by radio/telephone or orally
- Instructs the disaster officials to respond to incidents
- Activates emergency control room/centre and staff
- Places departmental heads on standby

12.3. **Head of Fire & Disaster Management**

Gives effect to the Disaster Management Act,2002 and the regulation there under for the establishment and Disaster Management operations

Conducts a (scientific) disaster risk assessment annually

Identifies specific hazards and vulnerability relating to the core function of the municipality

Integrates disaster risk management activities into the core mandate of Overstrand Municipality in order to ensure disaster risk reduction takes place

Ensures the effective integration of the disaster management within the Overstrand IDP

Identifies Municipal projects which will reduce risk in vulnerable communities.

Compiles a Disaster Management plan for the Overstrand Municipality.

Ensures that early warnings are linked to Disaster Management Plan
Identifies specific target groups for awareness campaigns and coordinate such campaigns with the Disaster Management.

Encourages research in disaster risk management and publication of any internal research findings.

- **Duties**

- Gives effect to the Disaster Management Act and the regulation there under for the establishment and Disaster Management operations
- Acts as chairperson of coordination committee
- Takes control of an organization during a disaster or emergency situation
- Any other duties as may assigned

- **Procedures**

- Receives emergency reports by radio/telephone or orally
- Instructs the disaster officials to respond to incidents
- Activate emergency control room/centre and staff

12.4. **Snr Disaster Management Official**

Gives effect to the Disaster Management Act and the regulation there under for the establishment and Disaster Management operations

Conducts a (scientific) disaster risk assessment annually.

Identifies specific hazards and vulnerability relating to the core function of the municipality

Integrates disaster risk management activities into the core mandate of the Municipality in order to ensure disaster risk reduction takes place.

Ensures the effective integration of the disaster management within the Overstrand Municipality's IDP.

Identifies municipal projects which will reduce risk in vulnerable communities.

Compiles a Disaster Management plan for the Overstrand Municipality.

Ensures that early warnings are linked to Disaster Management Plan

Identifies specific target groups for awareness campaigns and coordinate such campaigns with the Disaster Management.

Encourages research in disaster risk management and publication of any internal research findings.

- **Duties**

- Perform the duties of the Head Fire and Disaster Management in his absence
- Any other duties that the Head of Fire and Disaster Management may request

- **Procedures**

- Receives emergency reports by radio/telephone or orally
- Instructs the disaster officials to respond to incidents
- Activates emergency control room/centre and staff
- Place department heads on standby

12.5. **Director Community Services**

Identifies specific hazards and vulnerability relating to the core function of the directorate and/or priority disaster risks for the directorate

Integrates disaster risk management activities into the core mandate of the directorate in order to ensure disaster risk reduction takes place.

Identifies directorate projects which will reduce risk in vulnerable communities

Compiles a contingency and business continuity plan for the department/s.

Such plans are ultimately additions to the basic plan as developed by the Disaster Management that provides for the coordinated utilisation of

resources. Thus, every line function structure must have a formal contingency plan for a disaster as defined by the Disaster Management Act 2002

Ensures that early warnings are linked to the contingency plan

Identifies specific target groups for awareness campaigns and coordinates such campaigns with Disaster Management

Motivate the allocation of a percentage of the annual budget (CAPEX and OPEX) to implement Disaster Risk Management projects.

- **Duties**

- Responds to disaster incidents

- Reports to Incident command

- **Procedures**

- Receives emergency reports by radio/telephone or orally

- Instructs the disaster officials to respond to incidents

- Places department heads on standby

12.6. **Director Management Services**

Identifies specific vulnerability relating to the core function of the directorate and/or priority disaster risks for the directorate

Integrates disaster risk management activities into the core mandate of the directorate in order to ensure disaster risk reduction takes place.

Identifies directorate projects which will reduce risk in vulnerable communities

Compiles a contingency and business continuity plan for the department/s.

Such plans are ultimately additions to the basic plan as developed by the Disaster Management that provides for the coordinated utilisation of resources. Thus, every line function structure must have a formal contingency plan for a disaster as defined by the Disaster Management Act 2002.

Ensures that early warnings are linked to contingency plan

Motivate the allocation of a percentage of the annual budget (CAPEX and OPEX) to implement Disaster Risk Management projects.

- **Duties**

- Responds to disaster incidents
- Reports to Incident command

- **Procedures**

- Receives emergency reports by radio/telephone or orally
- Instructs the disaster officials to respond to incidents
- Places department heads on standby

12.7. **Director Finance**

Integrates disaster risk management activities into the core mandate of the directorate in order to ensure disaster risk reduction takes place.

Identifies directorate projects which will reduce risk in vulnerable communities.

Compiles a contingency and business continuity plan for the department. Such plans are ultimately additions to the basic plan as developed by the Disaster Management that provides for the coordinated utilisation of resources. Thus, every line function structure must have a formal contingency plan for a disaster as defined by the Disaster Management Act 2002.

Motivates the allocation of a percentage of the annual budget (CAPEX and OPEX) to implement Disaster Risk Management projects.

- **Duties**

- Responds to disaster incidents
- Reports to Incident command

- Initiates and facilitates efforts to make funds available for disaster management in the municipal area
- Facilitates emergency procurement
- Documents information for potential municipal insurance claims.
- **Procedures**
 - Receives emergency reports by radio/telephone or orally
 - Instructs the disaster officials to respond to incidents
 - Places department heads on standby

12.8. **Director Infrastructure and Development**

Identifies specific hazards and vulnerability relating to the core function of the directorate and/or priority disaster risks for the directorate

Integrates disaster risk management activities into the core mandate of the directorate in order to ensure disaster risk reduction takes place.

Identifies directorate projects which will reduce risk in vulnerable communities

Compiles a contingency and business continuity plan for the department/s. Such plans are ultimately additions to the basic plan as developed by the Disaster Management that provides for the coordinated utilisation of resources. Thus, every line function structure must have a formal contingency plan for a disaster as defined by the Disaster Management Act 2002.

Ensures that early warnings are linked to contingency plan

Identifies specific target groups for awareness campaigns and coordinate such campaigns with the Disaster Management.

Motivates the allocation of a percentage of the annual budget (CAPEX and OPEX) to implement Disaster Risk Management projects within the Directorate Infrastructure and Planning.

- **Duties**
 - Responds to disaster incidents
 - Reports to Incident command
- **Procedures**
 - Receives emergency reports by radio/telephone or orally
 - Instructs the disaster officials to respond to incidents
 - Places department heads on standby

12.9. **Director Local Economic Development**

Identifies specific socio-economic vulnerability or risks relating to the core function of the directorate

Integrates disaster risk management activities (Social and Economic) into the directorate in order to ensure disaster risk reduction takes place.

Identifies directorate projects which will reduce risk in vulnerable communities

Identifies specific target groups for awareness campaigns and coordinate such campaigns with the Disaster Management.

Motivates the allocation of a percentage of the annual budget (CAPEX and OPEX) to implement Disaster Risk Management projects.

- **Duties**
 - Responds to disaster incidents
 - Reports to Incident command
- **Procedures**
 - Receives emergency reports by radio/telephone or orally
 - Instructs the disaster officials to respond to incidents
 - Places department heads on standby

12.10. Chief Municipal Traffic Department and Law Enforcement

Identifies specific hazards and vulnerability relating to the core function of the department and/or priority disaster risks for the department.

Integrates disaster risk management activities into the core mandate of the department in order to ensure disaster risk reduction takes place.

Identifies department projects which will reduce risk in vulnerable communities.

Compiles a contingency and business continuity plan for the department. Such plans are ultimately additions to the basic plan as developed by the Disaster Management that provides for the coordinated utilisation of resources. Thus, every line function structure must have a formal contingency plan for a disaster as defined by the Disaster Management Act 2002.

Ensures that early warnings are linked to contingency plan

Identifies specific target groups for awareness campaigns and coordinates such campaigns with the Disaster Management.

- **Duties**

- Responds to disaster incidents
- Reports to Incident command
- Arranges volunteers to be trained primary traffic control tasks to fulfill at point service
- Ensures that vehicles involved in managing the disaster is unrestricted to move to and from the disaster area

- **Procedures**

- Receives emergency reports by radio/telephone or orally
- Instructs the disaster officials to respond to incidents

12.11. South African Police Services (SAPS)

Coordinates integrated and disaster risk management activities with Overstrand Municipality to ensure disaster risk reduction takes place.

Ensures all contingency and business continuity plans for the department are coordinated with Overstrand Disaster Management. Such plans are ultimately additions to the basic plan as developed by the District Municipality that provides for the coordinated utilisation of resources. Thus, every line function structure must have a formal contingency plan for a disaster as defined by the Disaster Management Act.

Ensures that early warnings are linked to contingency plan

Identifies specific target groups for awareness campaigns and coordinates such campaigns with the Disaster Management.

- **Duties**

- Responds to disaster incidents
- Reports to Incident command

- **Procedures**

- Receives emergency reports by radio/telephone or orally
- Instructs the disaster officials to respond to incidents

12.12. Western Cape Emergency Medical Services (WCEMS)

Coordinates integrated and disaster risk management activities with Overstrand Municipality to ensure disaster risk reduction takes place.

Ensures all contingency and business continuity plans for the Western Cape Emergency Medical Services are coordinated with Overstrand Disaster Management. Such plans are ultimately additions to the basic plan as developed by the Disaster Management that provides for the coordinated utilisation of resources. Thus, every line function structure must have a formal contingency plan for a disaster as defined by the act.

Ensures that early warnings are linked to contingency plan

Identifies specific target groups for awareness campaigns and coordinates such campaigns with the Disaster Management

- **Duties**

- Responds to disaster incidents
- Reports to Incident command
- Establishes staging area
- Informs closed hospitals of additional patients
- Treats patients
- Keeps record of all patients treated
- Requests additional resources

- **Procedures**

- Receives emergency reports by radio/telephone or orally
- Instructs the METRO officials to respond to incidents

12.13. Media Liaison

- **Duties**

- Responds to disaster incidents
- Reports to Incident command
- Municipal spokesperson
- Interviews and statements
- Development of a plan on how to keep public (internal and external) up to date on current situation
- Decides on the appropriate methods to release information or statements (e-mail, fax, social media, news conference etc.)
- Verifying all facts with the Incident Information Officer
- Consults Incident Information Officer on any fatalities or injuries

- **Procedures**

- Receives emergency reports by radio/telephone or orally

13. RISK MITIGATION

- 13.1. JOINT OPERATIONS CENTRE (JOC) can be convened to address specific risk-mitigation issues during the post-disaster recovery and rehabilitation phase or the pre-disaster risk reduction and preparedness phase.
- 13.2. Disaster Management will ensure that the JOC is convened and maintained to address risk-specific disaster management plans, such as plans for aircraft emergencies, flooding, large fires, transport disasters, hazardous materials incidents or mass events. Policies, plans and procedures that address efficient incident-management and inter-disciplinary cooperation during incidents are included in this category of plans. The input of specialist advisers in the various fields must be obtained on an ongoing basis.
- 13.3. In the recovery and rehabilitation phase, the head of disaster management and disaster management coordinator will take over the responsibility once the JOC is demobilized and / or in cases where recovery and rehabilitation takes place over extended periods.
- 13.4. The disaster management coordinator under a line function can be convened to take responsibility for activities that address the causal factors of a disaster / incident.

14. DEFINITIONS, TERMINOLOGY AND ABBREVIATIONS

14.1. Abbreviations

JOC	Joint Operations Centre
IDP	Integrated Development Plan
NGO	Non-government Organization

- 14.2. **Disaster:** A progressive or sudden, widespread or localized, natural or human-caused occurrence which causes or threatens to cause death, injury or disease, damage to property, infrastructure or the environment; or disruption of a community; and is of a magnitude that exceeds the ability of those affected to cope using only their own resources.
- 14.3. **Disaster risk management:** The systematic process of using administrative decisions, organization, operational skill and capacities to implement policies, strategies and coping capacities of the society and communities to lessen the impacts of natural hazards and related environmental and technological disasters. This comprises of all forms of activities, including structural and nonstructural measures to avoid (prevention) or to limit (mitigation and preparedness) adverse effects of hazards.
- 14.4. **Hazard:** A potentially damaging physical event, phenomenon or human activity that may cause the loss of life or injury, property damage, social and economic disruption or environmental degradation. Hazards can include latent conditions that may represent future threats and can have different origins: natural (geological, hydro meteorological and biological) or induced by human processes (environmental degradation and technological hazards). Hazards can be single, sequential or combined in their origin and effects. Each hazard is characterised by its location, intensity, frequency and probability
- 14.5. **Risk:** The probability of harmful consequences, or expected losses (deaths, injuries, property, livelihoods, economic activity disrupted or environment damaged) resulting from interactions between natural or human-induced hazards and vulnerable conditions

- 14.6. **Vulnerability:** The conditions determined by physical, social, economic, and environmental factors or processes, which increase the susceptibility of a community to the impact of hazards.

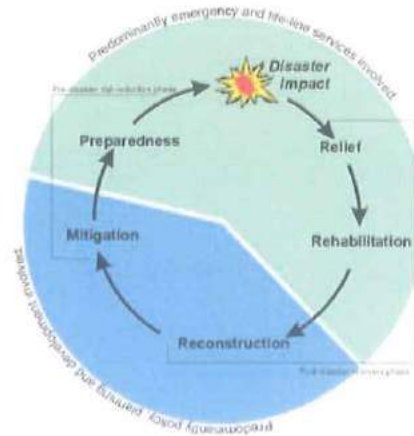


Figure 1: Disaster Management Continuum

15. AMENDMENTS / UPDATES

New amendments or updates will be added to the Amendments and Updates Listing below and it is the responsibility of the individual to regularly check the currency of their Disaster Management Plan.

Proposals for amendment or additions to the text of this Plan should be forwarded to :-

The Head: Fire and Disaster Management,

CFO L. Smith

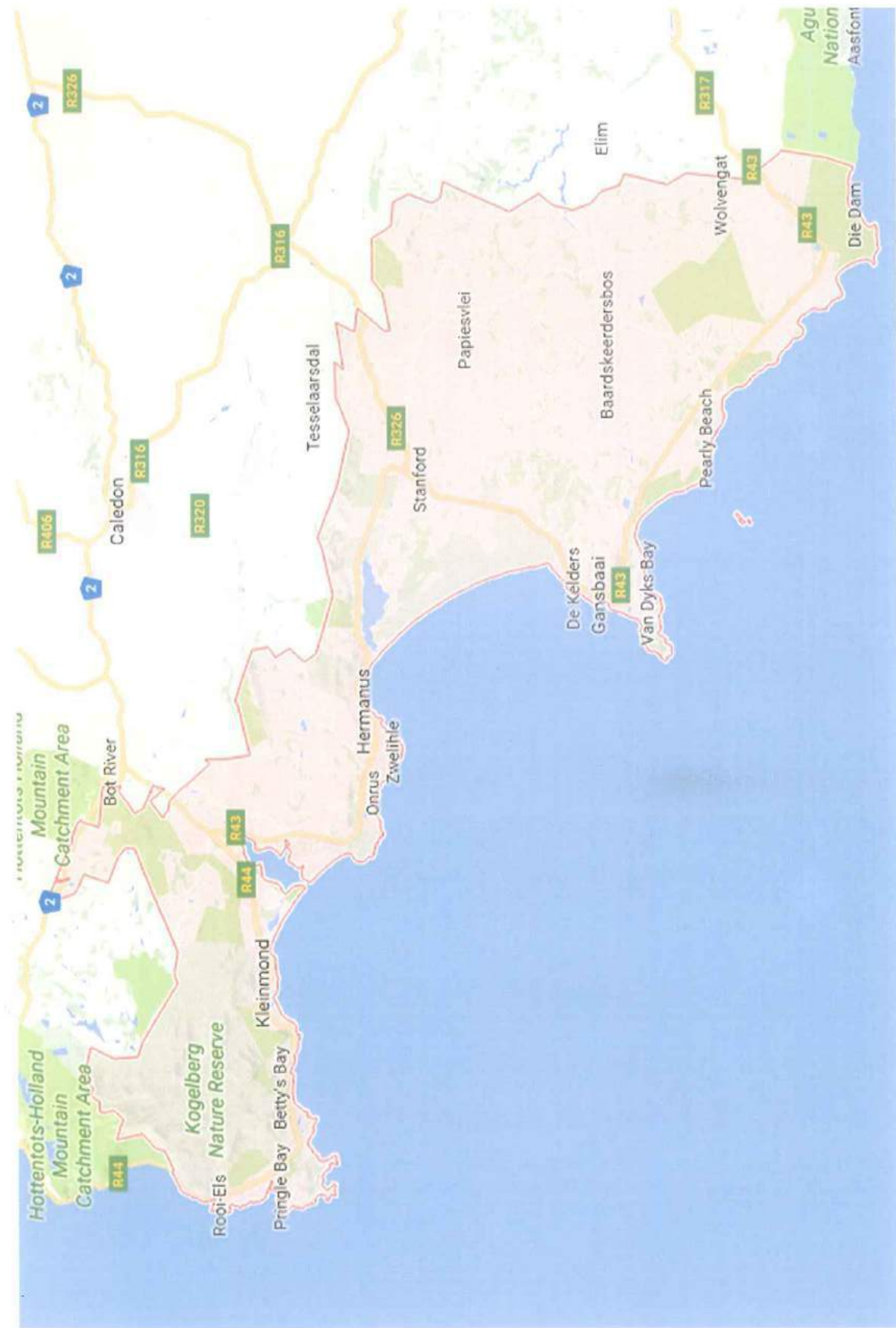
Telephone: (028) 313 5041

Fax: (028) 313 1493

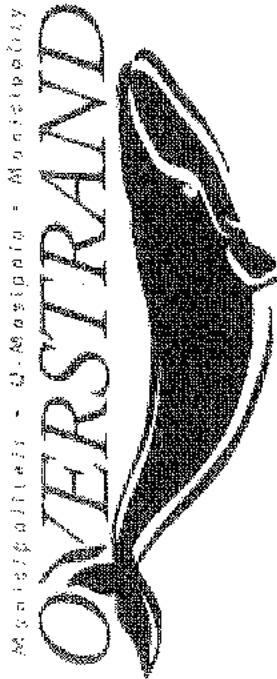
e-mail: lestersmith@overstrand.gov.za

DATE OF REVIEW	DETAILS OF PAGE(S) AMENDED OR REPLACED
	Par 5: Top 10 risks;

22 March 2013	Par 9: Population Profile Par 15: Post vacant
7 April 2014	Appendix H, K and L was removed, Appendix I was replaced by strategic risk register
9 April 2015	Par 1.8 Taken out Par 1.9 Taken out Par 3.4 Amended Par 4.3 Amended Par 5 Amended
20 April 2016	Par 8.1 Amended Par 9 Amended Par 10 The Corporate Disaster Management Plan in Context taken out Par 12 Roles and responsibilities replaced with Directorate Directives
Currently	Under review



POLICY SECTION:	CHIEF FIRE AND DISASTER MANAGEMENT
CURRENT UPDATE:	N/A
PREVIOUS REVIEW:	29 March 2017
APPROVAL BY	29 March 2017



**DISASTER MANAGEMENT PREPAREDNESS PLAN
GANSBAAI AREA**

General Description of the Area:	
Area: Approximately 4430Ha	
Topographical Characteristics:	Uilenskraalsrivier Duinefontein Mountains situated to the north-north-east. Wolfhuiskop north-east of Pearly Beach
Vegetation: Fynbos	
Connectivity Routes:	R43 (Connect Stanford with Pearly Beach) (Connect Stanford with Hermanus) R326 (Connect Stanford with Riviersonderend)
Infrastructures	
Formal Structures:	5122
Informal Settlements:	855
Hospital:	none
Clinics:	Gansbaai Clinic; Elixolwenie Clinic
Schools:	Gansbaai Primary School Blompark Primary School
Community Halls:	3
Bridges:	Concrete construction
Roads:	Tar and gravel roads.
Power Station:	Substation.
Power Lines:	Present in area
Sewage Pipelines:	Present in area.
Tele Communications:	Are provided via Telkom under and above ground lines. Three (3) Cellular networks have coverage. Internal communications i.e. telephones, facsimile, cell phone services and radio communications.



**DISASTER MANAGEMENT PREPAREDNESS
PLAN GANSBAAI AREA**

Action		Disaster Management			
1. Establishment of a JOC (Joint Operations Centre)					
Resources					
Role Players	Name	Telephone	Cellular Telephone	E-mail	
Director: Protection Services	N. Michaels	028 313 8054	071 584 9214	nmichaels@overstrand.gov.za	
Fire Chief	L. Smith	028 313 5041	082 987 9493	lestersmith@overstrand.gov.za	
Coordinator: Disaster Management	M. Rust	028 313 8109	082 776 9287	mrust@overstrand.gov.za	
Area Manager: Gansbaai	F. Myburgh	028 384 8300	082 654 8336	fmyburgh@overstrand.gov.za	
Transport	J. Hanekom	082 384 8906		jhanekom@overstrand.gov.za	
Essential Services	T. Steenberg	082 384 8312	072 402 1019	tsteenbergt@overstrand.gov.za	
Housing	A. Gootyelwa	028 381 8300	078 453 1625	agootyelwa@overstrand.gov.za	
Western Cape Emergency Medical Services	Y. Patterson	028 312 3219		Yvonne.Paterson@westerncape.gov.za	
Senior Firefighter	G. Badenhorst	028 384 8373	072 142 4488	gbadenhorst@overstrand.gov.za	
Regional Inspector: Security Services	D. Esau	028 313 5017	072 575 3965	desau@overstrand.gov.za	
Media Liaison	R. Steenekamp	028 313 8043	079 495 2876	rsteenekamp@overstrand.gov.za	
Senior Superintendent Traffic	X. Titus	082 313 8178	072 982 7798	xtitus@overstrand.gov.za	
Assistant Chief: Law Enforcement & Task Team	J. du Doit		076 970 5481	johandutoit@overstrand.gov.za	
Communication Equipment	E. Smit	082 313 8025	083 552 5192	esmith@overstrand.gov.za	

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Police	Lt. Col. KF Moshi	028 384 0201		
Red Cross	Angela Heslop	028 312 1663	072 609 8655	aheslop@hermanus.co.za
Eskom	Control Room	08600 37566		
Cape Nature	Dion Geldenhuys	082 314 0062		dgeldenhuys@capenature.co.za
Fire & Rescue control room		028 312 2400		firecontrol@overstrand.gov.za
Municipal control room		028 313 8111		
Councillor Ward 1	X. Msweli		083 284 3411	xmsweli@overstrand.gov.za bennert@gmail.com
Councillor Ward 2	Riana de Coning	028 313 8191	083 597 2781	rdeconing@overstrand.gov.za rdc@axxess.co.za

MANAGER: DISASTER MANAGEMENT

FUNCTIONS DURING ANY SERIOUS INCIDENT / POTENTIAL

1. a. The incident is reported to a responsible discipline or control room.
- b. The responsible Discipline head informs the Manager: Disaster Management
- c. The Manager: Disaster Management reports incident to:
 - i. Director Protection Services (reports incident to Municipal Manager)
 - ii. Disaster Management Coordinator
 - iii. Councillor
 - iv. Takes the decision if a JOC should be establish
 - v. if, Where? Identify hot or cold sites before the time in order to prepare the site if you have to work from there.
- d. Disaster Management Coordinator reports incident to role players as per schedule.
- e. All discipline heads arrange for immediate size-up of the incident regarding the impact it has on its particular discipline, to determine within it's own line function.
 - i. damage to infra structure (eg water delivery, sewage, electricity, roads/bridges, roadways, housing, and commercial/Industrial institutions)
 - ii. life and property threatening situations
 - iii. immediate mitigation operations
 - iv. auxiliary resources need (eg. Private contractors, specialist equipment, other external institutions/organizations, including NGO's)
 - v. projected short and long term implications of the incident
 - vi. the impact the incident has on road and access for emergency transport and teams to incident
 - vii. any other aspect that needs immediate response for rapid service delivery continuation

- viii. give a regular situation report to the Head of disaster management in order for him to be informed of the total picture

THE JOC PERFORMS THE FOLLOWING FUNCTIONS:

- 2. a. Coordinates operations according to priorities for
 - i. early warning of potentially afflicted areas
 - ii. the saving of lives
 - iii. emergency housing
 - iv. emergency rations
 - v. other disaster management mitigation strategies
- b. Coordinate recovery:
 - i. The line function is responsible for maintaining the service; it is also responsible for the recovery of that service/infrastructure.
- c. Debrief at JOC.



**DISASTER MANAGEMENT PREPAREDNESS PLAN
STANFORD AREA**

Annexure C
C 116

General Description of the Area	
Area:	Approximately 3960m ²
Topographical Characteristics: Klein River flows through the area with the Klein River Mountain situated to the north.	
Vegetation: Fynbos	
Connectivity Routes:	R43 (Connect Stanford with Hermanus) (Connect Stanford with Gansbaai) R326 (Connect Stanford with Riviersonderend)
Infrastructures	
Formal structures:	1600
Informal Settlements:	75
Hospital:	none
Clinics:	none
Schools:	Standford Okkie Smuts Primary School Withoogte St Pauls Primary School Sandhoogte Primary School
Community Halls:	1
Bridges:	Concrete construction
Roads:	Tar and gravel roads.
Power Station:	Substation.
Power Lines:	Present in area
Sewage Pipelines:	Present in area.
Tele Communications:	Are provided via Telkom under and above ground lines. Three (3) Cellular networks have coverage. Internal communications i.e. telephones, facsimile, cell phone services and radio communications.



**DISASTER MANAGEMENT PREPAREDNESS PLAN
STANFORD AREA**

Action		Disaster Management		
1. Establishment of a JOC (Joint Incident Centre)				
Resources				
Role Players	Name	Telephone	Cellular Telephone	E-mail
Director: Protection Services	N. Michaels	028 313 8054	071 584 9214	nmichaels@overstrand.gov.za
Fire Chief	L. Smith	028 313 5041	082 987 9493	lestersmith@overstrand.gov.za
Coordinator: Disaster Management	M. Rust	028 313 8109	082 776 9287	mrust@overstrand.gov.za
Area Manager: Stanford	P. Ferreira	028 341 8517	083 406 8949	pferreira@overstrand.gov.za
Transport	J. Hanekom	082 384 8906		ihanekom@overstrand.gov.za
Essential Services	T. Steenberg	082 384 8312	072 402 1019	tsteenberg@overstrand.gov.za
Housing	A. Gcotyelwa	028 381 8300	078 453 1625	agcotyelwa@overstrand.gov.za
Western Cape Emergency Medical Services	Y. Patterson	028 312 3219		Yvonne.Paterson@westerncape.gov.za
Senior Firefighter	G. Badenhorst	028 384 8373	072 142 4488	gbadenhorst@overstrand.gov.za
Regional Inspector: Security Services	D. Esau	028 313 5017	072 575 3965	desau@overstrand.gov.za
Media Liaison	R. Steenekamp	028 313 8043	079 495 2876	rsteenekamp@overstrand.gov.za
Senior Superintendent Traffic	X. Titus	082 313 8178	072 982 7798	xtitus@overstrand.gov.za
Assistant Chief: Law Enforcement &	J. du Doit		076 970 5481	johandutoit@overstrand.gov.za

Task Team					
Communication Equipment	E. Smit	082 313 8025	083 552 5192	esmith@overstrand.gov.za	
Police	Capt. Coetzee	028 384 0201			
Red Cross	Angela Heslop	028 312 1663	072 609 8655	aheslop@hermanus.co.za	
Eskom	Control Room	08600 37566			
Cape Nature	Dion Geldenhuys	082 314 0062		dgoldenhuys@capenature.co.za	
Fire & Rescue control room		028 312 2400		firecontrol@overstrand.gov.za	
Municipal control room		028 313 8111			
Councillor Ward 11	Ald. Dudley Coetzee	028 313 8016	082 574 4404	dcoetzee@overstrand.gov.za dudley.coetzee@vodamail.co.za	

MANAGER: DISASTER MANAGEMENT

FUNCTIONS DURING ANY SERIOUS INCIDENT / POTENTIAL DISASTER:

1.
 - a. The incident is reported to a responsible discipline or control room.
 - b. The responsible Discipline head informs the Manager: Disaster Management
 - c. The Manager: Disaster Management reports incident to:
 - i. Director Protection Services (reports incident to Municipal Manager)
 - ii. Disaster Management Coordinator
 - iii. Councillor
 - iv. Takes the decision if a JOC should be establish
 - v. If, Where? Identify hot or cold sites before the time in order to prepare the site if you have to work from there.
 - d. Disaster Management Coordinator reports incident to role players as per schedule.
 - e. All discipline heads arrange for immediate size-up of the incident regarding the impact it has on its particular discipline, to determine within it's own line function.
 - i. damage to infra structure (eg water delivery, sewage, electricity, roads/bridges, roadways, housing, and commercial/industrial institutions)
 - ii. life and property threatening situations
 - iii. immediate mitigation operations
 - iv. auxiliary resources need (eg. Private contractors, specialist equipment, other external institutions/organizations, including NGO's)
 - v. projected short and long term implications of the incident
 - vi. the impact the incident has on road and access for emergency transport and teams to incident
 - vii. any other aspect that needs immediate response for rapid service delivery continuation

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viii. give a regular situation report to the Head of disaster management in order for him to be informed of the total picture

C6/6

THE JOC PERFORMS THE FOLLOWING FUNCTIONS:

- 2. a. Coordinates operations according to priorities for
 - i. early warning of potentially afflicted areas
 - ii. the saving of lives
 - iii. emergency housing
 - iv. emergency rations
 - v. other disaster management mitigation strategies
- b. Coordinate recovery:
 - i. The line function is responsible for maintaining the service; it is also responsible for the recovery of that service/infrastructure.
 - c. Debrief at JOC.



**DISASTER MANAGEMENT PREPAREDNESS PLAN
HERMANUS AREA**

Annexure D
D 116

General Description of the Area:	
Area: Approximately 5660 ha	
Topographical Characteristics: Mossel-, Onrus- and Bot Rivers flows through the area with the Klein River Mountain situated to the north.	
Vegetation: Fynbos	
Connectivity Routes: R43 (Connect Gansbaai, Onrus, Hawston, Fisherhaven & Kleinmond with Hermanus)	
Infrastructures	
Formal structures:	12682
Informal Settlements:	1117
Hospital:	Hermanus Provincial Hospital
Clinics:	Hermanus Medicinic; Zweilhle; Onrus; Hawston
Schools:	Hermanus Primary and Secondary School Zweilhle Primary and secondary School Hawston Primary and Secondary School Mount Pleasant Primary School
Community Halls:	5 (Refer to Appendix E)
Bridges:	Concrete construction
Roads:	Tar and gravel roads.
Power Station:	Substation.
Power Lines:	Present in area
Sewage Pipelines:	Present in area.
Tele Communications:	Are provided via Telkom under and above ground lines. Three (3) Cellular networks have coverage. Internal communications i.e. telephones, facsimile, cell phone services and radio communications.



**DISASTER MANAGEMENT PREPAREDNESS
PLAN HERMANUS AREA**

Action		Disaster Management		
Resources				
Role Players	Name	Telephone	Cellular Telephone	E-mail
Director: Protection Services	N. Michaels	028 313 8054	071 584 9214	nmichaels@overstrand.gov.za
Fire Chief	L. Smith	028 313 5041	082 987 9493	lestersmith@overstrand.gov.za
Coordinator: Disaster Management	M. Rust	028 313 8109	082 776 9287	mrust@overstrand.gov.za
Area Manager: Hermanus	D. Kearney	028 313 8112	084 616 1319	dkearney@overstrand.gov.za
Transport	J. Hanekom	082 384 8906		jhanekom@overstrand.gov.za
Essential Services	J. de Villiers	028 313 8092	073 77 4560	jdevilliers@overstrand.gov.za
Housing	A. Gcotelwa	028 381 8300	078 453 1625	agcotyelwa@overstrand.gov.za
Western Cape Emergency Medical Services	PJ Campher	028 312 3219	072 885 1280	PatrickCampher@westerncape.gov.za
Senior Firefighter	E. Isaacs	028 313 8980	079 139 3867	eisaacs@overstrand.gov.za
Regional Inspector: Security Services	D. Esau	028 313 5017	072 575 3965	desau@overstrand.gov.za
Media Liaison	R. Steenekamp	028 313 8043	079 495 2876	rsteenekamp@overstrand.gov.za
Senior Superintendent Traffic	X. Titus	082 313 8178	072 982 7798	xtitus@overstrand.gov.za
Assistant Chief: Law Enforcement & Task Team	J. du Doit		076 970 5481	johandutoit@overstrand.gov.za
Communication Equipment	E. Smit	082 313 8025	083 552 5192	esmith@overstrand.gov.za
Police	Supt Chityana	028 313 5300		

Red Cross	Angela Heslop	028 312 1663	072 609 8655	aheslop@hermanus.co.za
Eskom	Control Room	08600 37566		
Cape Nature	Dion Geldenhuys	082 314 0062		dgeldenhuys@capenature.co.za
Fire & Rescue control room		028 312 2400		firecontrol@overstrand.gov.za
Municipal control room		028 313 8111		
Councillor Ward 3	Kari Brice		083 650 4206	kbrice@overstrand.gov.za karibrice@hermanus.co.za
Councillor Ward 4	Ald. Anton Coetsee	028 316 4454	083 283 5237	anton@hermanus.co.za acoetsee@overstrand.gov.za
Councillor Ward 5	Valerie Pungupungu		073 093 7288 073 512 6943	vpungupungu@overstrand.gov.za
Councillor Ward 6	Ald. Michelle Sapepa		072 580 5157	msapepa@overstrand.gov.za
Councillor Ward 7	David Botha	028 313 8023	079 491 6218	dbotha@overstrand.gov.za david@route2.co.za
Councillor Ward 8	Elnora Gillion	028 313 8018	073 177 3299 060 652 0217	egillion@overstrand.gov.za elnora.gillion@gmail.com
Councillor Ward 12	Vuyani Macoatha		076 859 7607 081 887 8130	vmacoatha@overstrand.gov.za
Councillor Ward 13	Jean Orban		072 955 2986	jorban@overstrand.gov.za

MANAGER: DISASTER MANAGEMENT FUNCTIONS DURING ANY SERIOUS INCIDENT / POTENTIAL

1. a. The incident is reported to a responsible discipline or control room.
- b. The responsible Discipline head informs the Manager: Disaster Management
- c. The Manager: Disaster Management reports incident to:
 - i. Director Protection Services (reports incident to Municipal Manager)
 - ii. Disaster Management Coordinator
 - iii. Councillor
 - iv. Takes the decision if a JOC should be establish
 - v. If, Where? Identify hot or cold sites before the time in order to prepare the site if you have to work from there.
- d. Disaster Management Coordinator reports incident to role players as per schedule.
- e. All discipline heads arrange for immediate size-up of the incident regarding the impact it has on its particular discipline, to determine within it's own line function.
 - i. damage to infra structure (eg water delivery, sewage, electricity, roads/bridges, roadways, housing, and commercial/Industrial institutions)
 - ii. life and property threatening situations
 - iii. immediate mitigation operations
 - iv. auxiliary resources need (eg. Private contractors, specialist equipment, other external institutions/organizations, including NGO's)
 - v. projected short and long term implications of the incident
 - vi. the impact the incident has on road and access for emergency transport and teams to incident

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- vii. any other aspect that needs immediate response for rapid service delivery continuation
- viii. give a regular situation report to the Head of disaster management in order for him to be informed of the total picture

DG/6

THE JOC PERFORMS THE FOLLOWING FUNCTIONS:

- 2. a. Coordinates operations according to priorities for
 - i. early warning of potentially afflicted areas
 - ii. the saving of lives
 - iii. emergency housing
 - iv. emergency rations
 - v. other disaster management mitigation strategies
- b. Coordinate recovery:
 - i. The line function is responsible for maintaining the service; it is also responsible for the recovery of that service/infrastructure.
- c. Debrief at JOC.



**DISASTER MANAGEMENT PREPAREDNESS PLAN
KLEINMOND AREA**

General Description of the Area:	
Area: Approximately 5560 ha	
Topographical Characteristics: Bot-, Palmiet- and Rooiels River flows through the area with the Kogel Mountain situated to the north.	
Vegetation: Fynbos	
Connectivity Routes: R43 (Connect Stanford with Hermanus) R44 (Connect Betty's Bay, Pringle Bay, and Gordon's Bay)	
Infrastructures	
Formal structures:	4550
Informal Settlements:	437
Hospital:	none
Clinics:	Proteadorp
Schools:	Kleinmond Primary School Siya Bulela ; Over the Hills and Heidelberg Pre Primary Schools Sandhoogte Primary School
Community Halls:	5 (Ref to Appendix E)
Bridges:	Concrete construction
Roads:	Tar and gravel roads.
Power Station:	Substation.
Power Lines:	Present in area
Sewage Pipelines:	Present in area.
Tele Communications:	Are provided via Telkom under and above ground lines. Three (3) Cellular networks have coverage. Internal communications i.e. telephones, facsimile, cell phone services and radio communications.



**MANAGEMENT PREPAREDNESS PLAN
KLEINMOND AREA**

Action		Disaster Management			
1. Establishment of a JOC (Joint Operations Centre)					
Resources					
Role Players	Name	Telephone	Cellular Telephone	E-mail	
Director: Protection Services	N. Michaels	028 313 8054	071 584 9214	nmichaels@overstrand.gov.za	
Fire Chief	L. Smith	028 313 5041	082 987 9493	lestersmith@overstrand.gov.za	
Coordinator: Disaster Management	M. Rust	028 313 8109	082 776 9287	mrust@overstrand.gov.za	
Area Manager: Kleinmond	D. Lakey	028 271 8413	082 456 8026	dlakey@overstrand.gov.za	
Essential Services	D. van Rhodie	028 271 8432	082 820 8005	dvanrhodie@overstrand.gov.za	
Housing	J. Smith	028 271 8431		jsmith@overstrand.gov.za	
Western Cape Emergency Medical Services	Y. Patterson	028 312 3219		Yvonne.Paterson@westerncape.gov.za	
Senior Firefighter	Mars	028 271 8489	071 021 6217	amars@overstrand.gov.za	
Regional Inspector: Security Services	A. D. Esau	028 313 5017	072 575 3965	desau@overstrand.gov.za	
Media Liaison	R. Steenekamp	028 313 8043	079 495 2876	rsteenekamp@overstrand.gov.za	
Senior Superintendent Traffic	X. Titus	082 313 8178	072 982 7798	xitus@overstrand.gov.za	
Assistant Chief: Law Enforcement & Task Team	J. du Doit		076 970 5481	johandutoit@overstrand.gov.za	
Communication Equipment	E. Smit	082 313 8025	083 552 5192	esmith@overstrand.gov.za	
Police	Capt. Ngwenani	028 271 8200	082 778 6793	kleinmondSAPS@saps.org.za	
Red Cross	Angela Heslop	028 312 1663	072 609 8655	aheslop@hermanus.co.za	

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Eskom	Control Room	08600 37566		
Cape Nature	Dion Geldenhuys	082 314 0062		dgeldenhuys@capenature.co.za
Fire & Rescue control room		028 312 2400		firecontrol@overstrand.gov.za
Municipal control room		028 313 8111		
Councillor Ward 9	Grant Cohen		072 436 9068	gcohen@overstrand.gov.za grantcohen25@gmail.com
Councillor Ward 10	Fanie Krige	028 042 9533 (H)	082 733 7749	fkriege@overstrand.gov.za sdkriege@gmail.com

MANAGER: DISASTER MANAGEMENT

FUNCTIONS DURING ANY SERIOUS INCIDENT / POTENTIAL

1. a. The incident is reported to a responsible discipline or control room.
- b. The responsible Discipline head informs the Manager: Disaster Management
- c. The Manager: Disaster Management reports incident to:
 - i. Director Protection Services (reports incident to Municipal Manager)
 - ii. Disaster Management Coordinator
 - iii. Councillor
 - iv. Takes the decision if a JOC should be establish
 - v. If, Where? Identify hot or cold sites before the time in order to prepare the site if you have to work from there.
- d. Disaster Management Coordinator reports incident to role players as per schedule.
- e. All discipline heads arrange for immediate size-up of the incident regarding the impact it has on its particular discipline, to determine within it's own line function.
 - i. damage to infra structure (eg water delivery, sewage, electricity, roads/bridges, roadways, housing, and commercial/industrial institutions)
 - ii. life and property threatening situations
 - iii. immediate mitigation operations
 - iv. auxiliary resources need (eg. Private contractors, specialist equipment, other external institutions/organizations, including NGO's)
 - v. projected short and long term implications of the incident
 - vi. the impact the incident has on road and access for emergency transport and teams to incident

- vii. any other aspect that needs immediate response for rapid service delivery continuation
- viii. give a regular situation report to the Head of disaster management in order for him to be informed of the total picture

E5/6

THE JOC PERFORMS THE FOLLOWING FUNCTIONS:

2. a. Coordinates operations according to priorities for
 - i. early warning of potentially afflicted areas
 - ii. the saving of lives
 - iii. emergency housing
 - iv. emergency rations
 - v. Other disaster management mitigation strategies.
- b. Coordinate recovery:
 - i. The line function is responsible for maintaining the service; it is also responsible for the recovery of that service/infrastructure.
- c. Debrief at JOC.

BRANDWEERDIENSTE / RAMPBESTUUR FIRE / DISASTER MANAGEMENT



Veld Fire Management Plan

Read in conjunction with Overstrand Fire Management Plan

INTRODUCTION

The purpose of this plan is to minimize the fire risks for Overstrand Area.

This operational manual was set up using known best practices to help Overstrand Municipality and private property owners/managers and lessee's of property to best manage their property within the laws regulating fire on properties (non-structural fires), set norms and standards for the management of fires and fire prevention in the best interest of biodiversity management and public safety.

What we have tried to do is to simplify the subject so that persons that are not normally acquainted with the subject, or who do not perform this function as part of their normal work function, would be able to initiate and complete Fire management program.

BACKGROUND

In order to ensure that both the fire-dependent vegetation and private property are managed correctly during a fire, it is imperative to have a Veld Fire Management Plan from which the property owner, manager or the lessee of the property can gain the required information to manage their property.

It is the objective of this guideline document to provide brief but essential user-friendly information for the site manager to have in place preventative measures in the event of a fire occurring on their property.

FIRE DEPENDENT ECOSYSTEMS

A great deal has been written about the vegetation of the Western Cape and the extraordinarily rich variety of plant species that occur there, many of them being found nowhere else.

Ecological principles of fynbos management using fire

The application of fire is the major management practice in fynbos ecosystems.

- Fynbos requires fire to maintain its diversity, to maintain ecosystem processes and to maintain its plant and animal communities in a healthy condition.
- If fynbos is left unburnt for too long, typically 25 or more years, it will become moribund. There is a tendency to believe that there is an "ideal" time to burn, and that all fires should occur at this time, but this is not so.
- Fynbos ecosystems require variation between successive fires in order to maintain the diversity of species because different fires favour different species.

F2/2

- These species has survived and coexisted because they are adapted to a particular fire regime.

Key components of a fire regime involve at least the following:

- Fire frequency – a probability distribution of the intervals between successive fires;
- Fire season – a probability distribution of fires in each month of the year; and
- Fire intensity – a range of fire intensities.

If the natural fire regime in an area is well understood, then management actions that mimic this regime are highly likely to result in the maintenance of the biodiversity of plant communities.

BRANDWEERDIENSTE / RAMPBESTUUR FIRE / DISASTER MANAGEMENT



Flood Contingency Plan

Read in conjunction with Overstrand Disaster Management Plan

1. EMERGENCY FLOOD PLAN

Flood plans can enable a flexible response to problems caused by flooding. Although barriers may protect potential flood areas from predictable tidal or storm surges, flooding can occur at any time due to:

- Prolonged or intensive rainfall
- Abnormally high river levels
- Major storms, tidal waves or tsunami

2. FLOOD WARNINGS

Overstrand Head of Fire- & Disaster Management is kept informed by District Municipality Head of Disaster Management as well as City Cape Town Head of Disaster Management. A typical flood warning time is around 30 to 60 minutes. Overstrand Head of Fire- & Disaster Management has the capability to issue flood warnings via sms, radio or public address systems.

Sample flood warning messages are:

- Flood Alert – Flooding is possible
- Flood Warning – Flooding of homes, businesses and main roads is expected
- Severe Flood Warning – Severe flooding may cause Imminent danger
- All Clear – No Flood Alerts or Warnings are in force

3. ROLES AND RESPONSIBILITIES

When a flood warning message is received, Overstrand Disaster Management will alert relevant agencies/ departments. Depending upon the scale of potential flooding, the main difficulties are:

- Care of evacuated, hurt or homeless people
- Protecting of utilities
- Availability of transport
- Flood alleviation e.g. clearing blocked culverts and drains
- Providing emergency health advice
- Providing road barriers and signs
- Coordinating emergency support

G2/4

4. LOCAL AUTHORITIES (SAPS, LAW ENFORCEMENT AND TRAFFIC)

Primary responsibilities:

- Assist evacuation
- Provisionally identify deceased victims (SAPS)
- Restore normality

5. FIRE & RESCUE SERVICES

Primary fire service responsibilities:

- Rescue trapped casualties
- Control fires, released chemicals and other hazards
- Assess hazards concerning evacuation
- Ensure safety of rescue personnel
- Minimize environmental dangers
- Recover dead in conjunction with the police
- Stand by during recovery Deploy sandbags for flood defense

6. AMBULANCE SERVICES

Primary ambulance service responsibilities:

- Save life in conjunction with other emergency services
- Extricate, assist and stabilize injured people
- Provide ambulances, medical staff, equipment and resources
- Establish effective triage points and systems
- Provide a central point for medical resources
- Alert receiving hospitals
- Provide transport for medical teams and their equipment
- Arrange transport for injured people
- Maintain emergency cover

7. DISASTER MANAGEMENT

Primary Disaster Management responsibilities:

- Coordinate local resources and use of equipment
- Liaison with relevant emergency services
- Provide communication facilities

G3/4

- Advise residents of flood prone areas to obtain sandbags
- Advise on weather, water flow, warnings and evacuation
- Issuing warning messages to local authorities
- A single point of contact for information
- Issue media statements
- Issue situation updates

8. ADVICE FOR PUBLIC

- FLOOD WARNING: 'GO IN, STAY IN, TUNE IN'
- Stay calm
- Ensure that neighbors know of the warning, and be prepared to help them
- Keep a list of useful telephone numbers
- Monitor local radio
- Make a flood kit: medications, warm clothing, sealed food, blankets, matches, candles, flashlights, portable radio, spare batteries, rubber gloves, personal documents

9. PERSONAL FLOOD PLANS

- Discuss a plan with family members, friends and neighbours
- Know how to disconnect gas, electricity and water supplies
- Know where to move vehicles in an emergency.
- Store valuable property in a raised secure location
- Fill containers with clean water (Avoid using flood waters or local water)
- Care for the needs of pets and domestic animals

10. REMEMBER

If you live in a flood risk area, have:

- Sufficient sandbags or other devices to block doors, ventilators and openings
- Appropriate insurance cover
- Essential sealed foods, as food supplies may become limited

If evacuated, you may not be able to return to your property for some time

11. IF FLOODING IS IMMINENT

- Turn off electricity and gas

- Move family members, pets and supplies upstairs

12. SANDBAGS

- Fill sandbags not more than $\frac{3}{4}$ full
- Lay them in layers with each row tight to each other, end to end
- Stamp them down before laying another row on top
- If a wall is more than two sandbags high, place a double line of bottom sandbags, followed by a second double line, then a single line on top.
- Make sandbags with compost bags, carrier bags or pillowcases filled with sand or earth
- Put a plastic sheet down first to act as an extra seal
- Protect all water entry points including air bricks, air vents and utility openings
- If gas vents are sealed, disconnect any gas supply. Seals around doors and windows should be made watertight
- It can take 60 sandbags to correctly seal an external door

13. GENERAL HEALTH AND SAFETY

- Do not walk, drive or swim through floods
- Be aware of hidden dips in a road
- Floods often contain sewage - avoid food that may have been contaminated by floodwater
- Avoid wet electrical equipment
- Ventilate your property as much as possible, while maintaining security. If evacuation is necessary follow police advice

BRANDWEERDIENSTE / RAMPBESTUUR FIRE / DISASTER MANAGEMENT



Conflict Contingency Plan

Read in conjunction with Overstrand Disaster Management Plan

1. PURPOSE

The objective of the plan is as follows:

- To regulate the Disaster Response to the benefit of all Communities and Visitors
- To respond effectively to the requirements of individuals towards the protection of life and property.
- To establish those most vulnerable and at risk.
- To provide temporary shelter accommodation, clothing and feeding arrangements for persons evacuated or temporarily made homeless.
- To restore normality to the affected community within a reasonable timescale, dependent on the seriousness of the incident.

2. RESPONSE AND RELIEF ACTIVITIES

Action Steps

- Activate JOC
- Establish needs
- Monitor safety (establish are of impact)
- Ensure communication (Liaison Officer)
- Establish safe location pro-active identification
- Activate relevant role players
- Plan for feeding
- Admin System (Record keeping)
- Security (Mobilization of Law Enforcement)
- Storage facilities
- Request SAPS support
- Implement access Control – Support at site
- Activate responsible services.

Take Note

- Ensure correct info
- Ensure health standards
- Ensure adequate ablution facilities
- Identify social problems
- Avoid over crowding
- Observe special population (religion) groups
- Control public donation

Primary Role Players

- * SAPS - Illegal or violent action
- * Municipal Disaster management
- * Overberg District Municipality Disaster Management
- * Municipal Law Enforcement
- * National Intelligence Agency
- * Social Development
- * Dept Community Safety
- * Municipal Solid Waste
- * Media
- * Municipal Engineering
- * Municipal Water
- * Emergency Medical Services

Supporting Role Players

- Red Cross
- Municipal Fire Services
- SANDF
- Private Companies
- Provincial Social Security Agency
- Provincial Dept of Safety & Security
- World Food Bank

3. 'DISPLACED PERSONS' TEMPORARY PLACE OF SAFETY

1. Hermanus (Auditorium)
2. Hawston (Thusong Centre)
3. Zwelhle Community Hall
4. Mount Pleasant (Moffat Hall)
5. Sandbaai (De Wet Hall)
6. Gansbaai (Buffeljachts Hall)
7. Gansbaai (Eluxolweni Hall)
8. Gansbaai (Masakhane Hall)
9. Gansbaai (Blompark Hall)
10. Gansbaai (Baardskeerdersbos Hall)
11. Stanford (Community Hall)

H3/4

12. Kleinmond (Town Hall)
13. Kleinmond (Proteadorp Hall)
14. Kleinmond (Overhills Hall)
15. Betty's Bay (Mooiuitsig Hall)
16. Betty's Bay (Cassula Hall)
17. Pringle Bay (Community Hall)

Displaced Persons' Temporary Place of Safety : Inspection Guidelines

Important because

- Prevent disease
- Ensures a safe well run camp and reduces the risk of problems
- Identify problems
- Opportunity to chat and meet displaced people, answer questions and provide information

Who should do the inspection – daily senior persons

- Municipality
- Red Cross
- Health Inspectors
- Church groups/other groups

What to inspect

- Water
- Toilets/drains/portaloos
- Rubbish
- Fires/cooking fires
- Security
- Too crowded
- Cold children, mothers
- First Aid kits available
- Kitchen condition, enough food
- Clinic services
- Sick people/children
- Personal security (guards)
- Special diet needs i.e. Halal, etc

H4K4

4. SAFETY MANAGEMENT PLAN : REQUIREMENTS

- Venue
- Structures
- Capacity, Duration
- Food
- Toilets
- Fire precautions
- Emergency Medical Care
- Access and exits

5. SOCIAL CONFLICT SPECIFIC CONTACT NUMBERS:

Designation	Name	Telephone	Cell
Head Fire & Disaster Manager	L. Smith	0283135041	082 978 9493
Disaster Management Coordinator	M.D. Rust	0282718400	0827769287
Housing/Emergency Shelter	F. Frans	028 313 8111	073 227 8166
SAP Hermanus	Lt Col De Wet	0283138500	
SAP Kleinmond	Capt: Nqwenani	0282718200	0827786793
SAP Gansbaai	Capt: Lt Col. KF Moshi	0283840201	

BRANDWEERDIENSTE / RAMPBESTUUR FIRE / DISASTER MANAGEMENT

Annexure I
I/15



OVERSTRAND MUNICIPALITY DISASTER MANAGEMENT PLAN EMERGENCY RESOURCE TELEPHONE LIST

Read in conjunction with Overstrand Disaster Management Plan

1. GREATER HERMANUS

1.1 General Medical Practitioners: Hermanus

Dr. Andre Coetzee	28 Main rd Hermanus	028 3121170
Dr,s Du Toit, Munnik, Wium & Skein	14 Paterson Street Hermanus	028 3121119 082 575 3968
Dr.G F Enslin	3 Molteno Street Onrus	028 3161414 082 448 7780
Dr. A Greeff	17 Arundel Street Hermanus	028 312 2846 082 557 6397
Dr. Tilla Muller	7 Myrtle Street Hermanus	028 312 1190

1.2 Medical Clinics

Hawston	George Viljoenstraat	028 3151602
Hermanus	Harmony Street	028 3138140
Mount Pleasant	Heide Street	028 3121536
Onrusrivier	Molteno Street	028 3162550
Zwelihle	Hlobo Street	028 3138164

1.3 Hospitals

Medi Clinic	Hospital Street	028 3130168
Provincial	Hospital Street	028 3121166

1.4 Elderly

Huis Lettie Theron	De Goede Street Hermanus	028 3123721 / 2
Fynbos Park Retirement	59 Church Street	028 312 4409
Berg en See Retirement	Brug Street	028 312 1155
Golden Harvest Retirement	Long Street	028 316 5200
Onrus Manor Retirement	Chanteclair	028 316 5000
Kidbrooke Place	Highway R43 Onrusrivier	028 316 2361
Hermanus Senior Centre	40 Marine Drive	028 312 2515
SOFCA	Hospital Street Hermanus	028 312 3236
Negester	Chanteclair Avenue Onrusrivier	028 316 3661/58

1.5 Accommodation: (more than 40 persons)

Arabella Western Cape Hotel & Spa	R 44 Arabella Country Estate	028 2840000
Auberge Burgundy	16 Harbour Rd Hermanus	028 3131201
Baleens	310 10 th Street Voëlklip	028 3140006
Harbour House Hotel	Harbour Road	028 3121799
Marine Hotel	Marine Drive Hermanus	028 3131000
Misty Waves	21 Marine Drive Hermanus	028 3124695
Quarters Hotel	Harbour Rd	028 3137700
Whale Rock Lodge	26 Springfield Avenue Hermanus	028 3130014
Windsor Hotel	49 Marine Drive Hermanus	028 3123727

1.6 Schools

Bosko Christian School/ Pre Primary & Jolly Tots	ministry@bosko.org.za	028 3122552
Christian Academy Ms Dawn Pearman	hca@mjvn.co.za	028 3161910
Hawston Primary Mr J Swarts	admin@hawstonps.wcschool.za	028 3151631
Hawston Secondary Mr I Adams		028 3151992
Hermanus High School Mr G Hassenkamp	principal@hadmin.co.za	028 3123760
Hermanus Primary Mr J B Cilliers	Herm.prim@co.za	028 3123670
Lukhanyo Primary Mr Tshabalala		028 3121552
Mount Pleasant Primary Mr M Hull	admin@mountpl.wcschool.za	028 3130816
Overstrand Learning Academy Mrs M Venter	Molly.v@mweb.co.za	028 3161998
Qhayiya Secondary Mr Geldenhuys	qhayiyass@hermanus.cc	028 3130001
Curro Hermanus Exec. Head: Mr J Mouton	Hermanus.admin@curro.co.za	028 316 4911
Generations School	Hermanus@generationschool.co.za	087 285 5837
Northcliff House	info@northcliffhouse.co.za	028 316 4437

1.7 Bus services

Hanekoms Transport	Cape Town – they have busses in Hermanus	021 9331452
Taxi Association	Julia Alam Sharon Talling	079 8024241 072 3946697

1.8 Major Construction Companies

Bishop WA Transport	10 Arum Street Hermanus	028 312 2298
D J Transport & Excavating	2 Mimosa Street Hermanus	028 3123116
Peter Starke Civils	1602 Bergsig Street Sandbaai	028 316 3980
Alan Bailey Civil Engineering & Construction	20 Argon Street Hermanus	028 3132110
Overberg Consulting Engineers	7 Magnolia Street Hermanus	028 3132600

1.9 General Stores

Pick n Pay	81 Main Rd Hermanus	028 312 1137
Checkers	Checkers Mall	028 313 7480
Spar - Eastcliff	251 Main Rd Hermanus	028 313 0062
Spar - Gateway	Main Rd Hermanus	028 313 0085
Checkers Whale Coast Mall	R43 Main Road	028 313 6400
Woolworths Whale Coast Mall	R43 Main Road	028 313 6240
Kaap Agri Hermanus	Main Road Sandbaai	028 316 4552
Woolworths Station Square	Corner of Lord Roberts & Main Road Hermanus	028 313 5100

2. HANGKLIP/KLEINMOND AREA

2.1 General Medical Practitioners : Kleinmond

Dr Moses	Moses@gmail.com	Cel: 078 417 5628 Tel: 028 271 3135
Drs F. du Plesis & M Van Niekerk		Tel: 028 271 4227 Fax: 028 271 3114
Dr L. Morkel		Tel: 028 271 4227 Fax: 028 271 3114 Emergency nr: 082 653 6355

2.2 Elderly Homes

Owner (Carl Pieterse)	carel@gerimed.co.za	Cel: 082 851 4189 Tel: 028 271 3994 Fax: 028 271 3488
Manager (Tikie Moller)	tikie@gerimed.co.za	Cel: 028 271 4189 Tel: 028 271 3994 Fax: 028 271 3488

2.3 General Stores

OK Mini Market		
Manger (Riaan Smit)	okmmkleinmond@gmail.com	Cel: 082 333 6755 Off: 028 3271 4747

Spar Super Market		
Owner (GJ Le Roux)	Kleinmond@retail.spar.co.za	Cel: 082 452 1777
Manager B.J. Pretorius	Kleinmond4@retail.spar.co.za	Cel: 078 558 0292
Manager (W. Coetzer)	Kleinmond1@retail.spar.co.za	Cel: 072 605 9414

2.4 Schools & College

LAERSKOOL KLEINMOND		
PRINCIPAL (Mr G. Huysamen)	kleinmondls@gmail.com	Tel: 028 271 3440
VOORMAN (W. Hugo)		Cel: 084 721 1058
SECRETARY (A. de Jager)		Cel: 073 255 3043
School Busses X2 (14 SEATER)		
KLEINMOND PRIMERE SKOOL		
PRINCIPLE (Mr: Brikkels)	admin@kmp.wk.school.za admin.kleinmondps@gmail.com	Tel: 028 271 3149
MTIMKULU VILAGE		
OPS MANAGER (A. Coughlan)	alison@grailprogrammes.org.za	Cel: 083 270 3626 Tel: 028 271 5213

3. GANSBAAI / STANFORD AREA

3.1 General Medical Practitioner:

	TELEPHONE	FAX	E-MAIL
Dr C. Barnard	028 384 0411		
Dr M Barnard	028 384 3840		
Dr Richard	028 384 1722		

3.2 Stores

	TELEPHONE	FAX	E-MAIL
Super Spar	028 384 0269	028 384 0042	
O K Foods	028 384 0001		

3.3 Clinics

TELEPHONE	FAX	E-MAIL
028 384 1917		

3.4 Hardware shops

	TELEPHONE	FAX	E-MAIL
Overstrand Build It	028 384 1543		
Piet Bokkie Hardware	028 384 1314	028 384 1318	

3.5 Schools

	TELEPHONE	FAX	E-MAIL
Academia	028 384 2370		
Gansbaai Primary	028 384 0061		

DISASTER RISK REGISTER

HAZARD	HAZARD			Vulnerability						CAPACITY						Relative Risk Rating	Relative Risk Priority		
	Probability	Frequency	Severity	Hazard Rating	Vulnerability Rating						Capacity Rating								
					Political	Economical	Social	Technological	Environment	Physical Planning and Engineering	Societal Capacity	Economic Capacity	People Capacity and Competencies	Management Capacity	Institutional capacity				
SCORE																			
Drought	3	3	4	10	1	4	4	3	3	4	15	2	3	1	3	1	11	14,545	extremely high
Wildland fire	4	4	4	12	1	3	3	2	2	2	11	2	3	2	3	2	14	9,429	high
Social conflict	3	4	3	10	1	4	3	2	2	2	12	2	2	3	3	2	13	9,231	high
Tsunami	3	1	3	7	1	4	3	3	3	3	14	2	2	2	2	11	8,909	high	
Structural fire	4	4	3	11	2	2	2	2	1	9	9	2	3	2	2	13	7,615	high	
Coastal erosion	3	4	2	9	1	2	2	2	3	10	10	2	2	2	2	12	7,500	high	
IAZMAT: ocean spill	2	2	4	8	1	2	2	1	4	10	10	2	2	2	1	11	7,273	high	
Pest infestation	3	4	2	9	1	3	3	1	3	11	11	3	2	3	2	15	6,600	tolerable	
Nuclear event	1	1	4	6	1	3	3	2	4	13	13	3	2	2	2	12	6,500	tolerable	
Endemism	3	4	2	9	1	3	3	1	3	11	11	3	3	3	2	16	6,188	tolerable	
Water supply disruption	3	4	2	9	1	3	3	2	1	10	10	2	3	3	2	15	6,000	tolerable	
IAZMAT: road	3	2	2	7	1	2	2	2	3	10	10	2	2	2	2	12	5,833	tolerable	
Disruption of electricity	4	4	2	10	1	2	2	2	1	8	8	2	3	3	2	15	5,333	tolerable	
Floods	4	3	3	10	1	2	2	2	1	8	8	2	3	2	3	15	5,333	tolerable	
Shipping incident	2	2	3	7	1	2	2	1	3	9	9	2	3	2	1	12	5,250	tolerable	
Sea level rise	3	1	2	6	1	2	2	2	3	10	10	2	2	2	2	12	5,000	tolerable	
Storm surge	3	3	2	8	1	2	2	2	2	9	9	2	3	3	3	15	4,800	tolerable	
Human diseases	4	4	3	11	1	2	2	1	1	7	7	3	3	3	3	18	4,278	tolerable	
Severe weather	3	4	1	8	1	2	2	2	1	8	8	2	2	3	3	15	4,267	tolerable	
Aircraft incident	2	2	2	6	1	2	2	2	2	9	9	2	2	3	3	16	3,375	low	
Load incident	4	4	1	9	1	1	2	1	1	6	6	3	3	3	3	17	3,176	low	

Source by WCDM

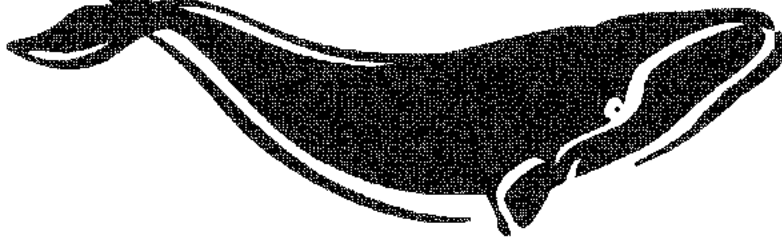
Annexure J

Klea

100

Munisipaliteit • U-Masipala • Municipality

OVERSTRAND



PUBLIC PARTICIPATION PROCESS FOR THE DISASTER MANAGEMENT PLAN 2018/19

Overstrand Municipality hereby do notify and invite all community members to comment on the Draft Disaster Management Plan for the 2018/19 financial year.

The purpose of the Disaster Management Plan is to enhance the Municipality's ability to prevent and to deal with disasters and to avoid development that is considered high risk in terms of the potential for disasters.

COPIES OF THIS DOCUMENT CAN BE VIEWED:

- At all public libraries within the municipality
- On our official website: www.overstrand.gov.za, click on the Documents and Strategic Documents tab and download the full Draft Disaster Management Plan.

The closing date for comments for the Draft Disaster Management Plan is 15 March 2018.

Please forward any comments or inputs to
Senior Manager L. Smith 028 313 5041 or lestersmith@overstrand.gov.za
Assistant Chief M. Rust 028 313 8109 or mrust@overstrand.gov.za

MUNICIPAL MANAGER

Notice 19/2018

15 February 2018

PUBLIEKE DEELNAME PROSES VIR DIE KONSEP RAMPBESTUUR PLAN 2018/19

Overstrand Munisipaliteit stel in kennis en nooi alle lede van die gemeenskap om kommentaar te lewer op die Konsep Rampbestuur Plan vir die 2018/19 finansiele jaar.

Die doel van hierdie Rampbestuur Plan is om die munisipaliteit se vermoë te verbeter om rampe te voorkom en om ontwikkeling te voorkom wat beskou word as n' hoë risiko in terme van die potensiaal vir enige rampe.

KOPIEË VAN HIERDIE DOKUMENT KAN BESKOU WORD:

- By alle biblioteke binne die munisipaliteit
- Op die amptelike webwerf: www.overstrand.gov.za, klik op die Dokumente en Strategiese Dokumente-blad en laai die volledige Konsep Rampbestuur Plan af.

Die sluitings datum vir kommentaar op di Konsep Rampbestuur Plan is 15 Maart 2018.

Stuur asseblief enige kommentaar of insette aan
Senior Bestuurder L. Smith 028 313 5041 of lestersmith@overstrand.gov.za
Assistent Brandweerhoof M. Rust 028 313 8109 of mrust@overstrand.gov.za

MUNISIPALE BESTUURDER

Kennisgewing 19/2018

15 Februarie 2018



ISAZISO SENKQUBO YOTHATHONXAXHEBA LULUNTU KWISICWANGCISO SOLAWULO LWEENTLEKELE 2018/19

UMasipala waseOverstrand wazisa kananjalo emema bonke abantu ukuba bavakalise izimvo zabo kwiSicwangciso soLawulo lweeNtlekele (DMP) sonyakamali 2018/19.

Injongo yesi Sicwangciso soLawulo lweeNtlekele kukuphucula ukuba nakho kukaMasipala ukuthintela nokujongana neentlekele nolwakhiwo olubonwa njengofo lunokudala iintlekele.

IIKOPI ZESI SICWANGCISO ZIFUMANEKA:

- Kuwo onke amathala eencwadi kamasipala
- Kwi-webhusayithi yethu ku: www.overstrand.gov.za, cofa iqhosha elikhokelela kumaXwebhu nakumaXwebhu ezicwangciso zethu utsho uvule iSicwangciso esiQulunqwayo soLawulo lweeNtlekele.

Umhla wokugqibela wokungeniswa kwezimvo ngowama-15 Matshi 2018.

Thumela izimvo zakho kwaba balandelayo:

IGosa eliPhezulu kweZemililo L. Smith 028 313 5041 okanye lestersmith@overstrand.gov.za

Intloko enguMncedisi M. Rust 028 313 8109 okanye mrust@overstrand.gov.za

MPHATHI KAMASIPALA

Inombolo yesazisi 19/2018

15 Febhuwari 2018

ADVERTENSIEBESTELLING / ADVERT ORDER

Plasingsdatum / Date of advert	15 /02 / 2017
Bestel no / Order no	
Prys / Price	R1926.00 + R1070.00
Handtekening / Signature	

Gaan asseblief advertensie na, en **FAKS** asseblief terug na 086 767 2943

Alle advertensies moet vooraf betaal word

Please correct the advert and **FAX** to 086 767 2943

All adverts to be paid up front

Vir direkte inbetaling. Faks depositostrokke asb. / For direct payment. Fax deposit slip please.

Naam van Bank / Name of Bank: FNB, Kleinmond - 250655

Rek. Naam / Account Name: Overstrand Herald

Rek. Nommer / Account Number: 6232049412

DANKIE VIR U ONDERSTEUNING / THANK YOU FOR YOUR SUPPORT

Annexure L
L 1/24

	<p>OFFICE of THE CHIEF FIRE OFFICER PO BOX 20 HERMANUS 7200 Tel: 028 313 5041/2 Fax: 028 313 1493 Email: lestersmith@overstrand.gov.za</p>	
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Workshop – Disaster Management Plan & Policy and Fire Management Plan

Date: 23 May 2018
 Venue: Auditorium

- | | |
|--------------------------------------|-------------------|
| 1. Opening and Welcome | Director Michaels |
| 2. Introduction | Lester Smith |
| 3. Public participation process | Lester Smith |
| 4. Risk Assessment for Overstrand | Lester Smith |
| 5. Presentation – Disaster Man. Plan | Marlu Rust |
| 6. Disaster Management Policy | Marlu Rust |
| 7. Fire Management Plan | Lester Smith |
| 8. Closing | |



L2124

**OVERSTRAND FIRE MANAGEMENT PLAN REVIEW
WEDNESDAY 23 MAY 2018**

L3124

INDEX

- 1.OBJECTIVE
- 2.LEGAL STANDING
- 3.FUNCTIONS OF THE FIRE BRIGADE SERVICES
- 4.FIRE MANAGEMENT
- 5.LEGISLATION
- 6.CHALLENGES
- 7.FIRE MANAGEMENT STRATEGIES
- 8.RECOMENDATIONS
- 9.CONCLUSION



We belong We care We serve

Objective

- Provide the Overstrand Municipality Council with a Fire Management Plan for implementation over a Five year period, the establishing and maintenance of a Fire Brigade Services in terms of the fire fighting functions allocated by Section 84 (1) (j) of The Municipal Structures Act 117 of 1998 and in accordance with SANS 10090:2003;
- Bring to the note of Council the current status of the Fire Services Department regarding facilities, human resources, vehicles and equipment;
- Obtain Council approval in principle (subject to the annual budgetary process and availability of funds) for the Fire Management Plan.

LS/24

• Legal Standing

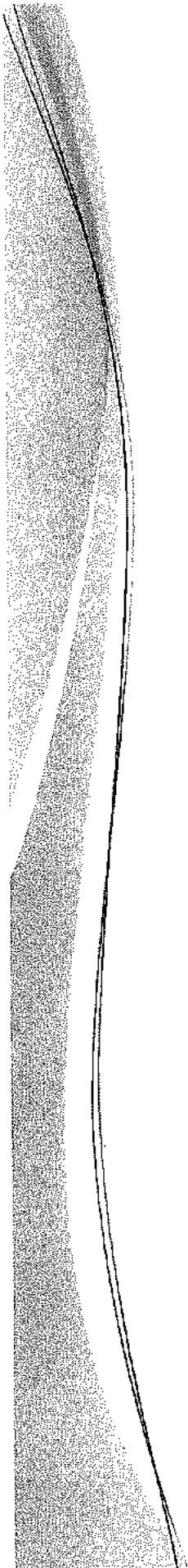
- The following concise summary is to reiterate the legal standing concerning the delivery of fire services:
- **The fire Brigade Services Act, Act 99 of 1987**
- Definition for the purpose of fire service and specifies the mandate of the service in the definitions:
 - “service’ means a fire brigade service intended to be employed for-
 - (a) preventing the outbreak or spread of a fire;
 - (b) fighting or extinguishing a fire;
 - (c) the protection of life or property against a fire or other threatening danger;
 - (d) the rescue of life or property from a fire or other danger;
 - (e) subject to the provisions of the Health Act, 1977 (Act 63 of 1977), the rendering of an ambulance service as an integral part of the fire brigade service; or
 - (f) the performance of any other function connected with any of the matters
- referred to in paragraphs (a) to (e).” (The fire Brigade Services Act, Act 99 of 1987)

L6/24

• **The Local Government: Municipal Structures Act, Act 117 of 1998**

- The following functions are allocated to the District Municipality
- “(j) Fire fighting services serving the area of the district municipality as a whole, which includes—
- (i) planning, co-ordination and regulation of fire services;
- (ii) specialised fire fighting services such as mountain, veld and chemical fire services;
- (iii) co-ordination of the standardisation of infrastructure, vehicles, equipment and procedures;
- (iv) training of fire officers.”

L7/24

- 
- B and C municipalities were expected to exercise the Fire Fighting Functions as defined in the MSA from 1 July 2003;
 - The Overstrand has the following functions:
 - Structural fires;
 - Fire Safety (the application of the National Building Regulations, Fire codes and municipal by-laws with regard to fire safety);
 - Rescue services;
 - Support services to municipal and other instances,
 - Fire pre-planning and related preparedness and awareness plans and training;
 - Testing and basic maintenance work on emergency vehicles and equipment;
 - Fire communications facilities for the particular service

L8124

Scope of Planning

- The fire Brigade Services Act, Act 99 of 1987;
- The Local Government: Municipal Structures Act, Act 117 of 1998;

Type of Incident	Legal/functional Responsibility
Mountain fire	<ul style="list-style-type: none"> • District Municipality Fire Services/Local Municipal
<ul style="list-style-type: none"> • Veld fire 	<ul style="list-style-type: none"> • District Municipality/Local Municipality
Chemical fire	<ul style="list-style-type: none"> • District Municipality Fire Services/Local Municipality
<ul style="list-style-type: none"> • Structural fire (house, shop, factory) 	<ul style="list-style-type: none"> • Municipal Fire Services
Rescue	<ul style="list-style-type: none"> • Municipal Fire Services
<ul style="list-style-type: none"> • Fire Safety (the application of the National Building Regulations, Fire codes and municipal by-laws with regard to fire safety); 	<ul style="list-style-type: none"> • Municipal Fire Services

SANS 10090:2003 Community

Protection against Fire

• Fire-risk categories (SANS 10090:2003):

Category A:	Central business districts and extensive commercial and industrial areas normally found in cities and large towns (areas where the risk to life and property due to fire occurrence and spread is likely to be high).
Category B:	Limited central business districts, smaller commercial or industrial areas normally associated with small towns and decentralized areas of cities and large towns (areas where the risk to life and property due to fire occurrence and spread is likely to be moderate).
Category C:	Residential areas of conventional construction.
Category D:	Rural areas of limited buildings and remote from urban areas.
Category E:	Special risk areas. Individual areas requiring a pre-determined attendance over and above the predominant risk category in an area. Includes large shopping/entertainment centres, informal settlements, harbours, hospitals, prisons, large airport buildings and petrochemical plants.

Fire Brigades Classification

(SANS 10090:2003)

- Fire Brigade Services of the Overstrand Municipality currently falls into the 5(b) category;
- *A brigade that is able to meet performance criteria for staff availability per appliance*
- *availability, pre-determined attendance (PDA), manning levels and attendance*
- *times, 35 % to 45 % of the time, measured annually.*

FIRE MANAGEMENT

INTRODUCTION

Overstrand Municipality is geographically located within the fire-dependent fynbos biome. Alien infestation (such as Rooikrans, Port Jackson, black Wattle, etc.) increases fire intensity together with limited fire fighting capacity makes Overstrand Municipality highly vulnerable to veld fires, Structural Fires due to the urban interface.

L 11/24



We belong



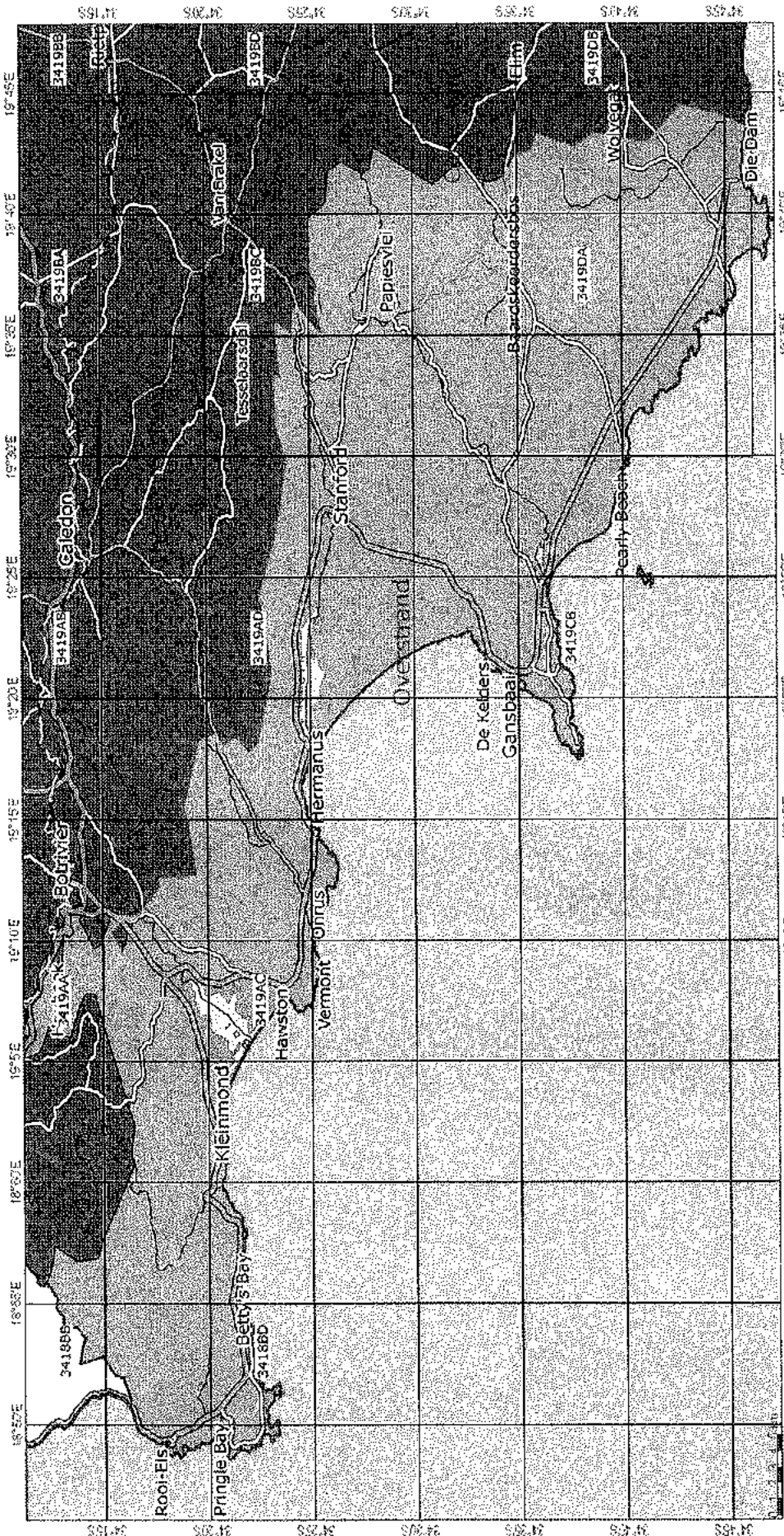
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OVERBERG DISTRICT/ OVERSTRAND MUNICIPALITY



EMERGENCY CONTACTS

Overberg Fire Protection Association
 Overberg Fire Association
 Overberg Fire Association

Greater Overberg Fire Protection Association

Version: 1
 Date: 2014/12/07
 Created by: GO FPA
 Scale: 1:250000

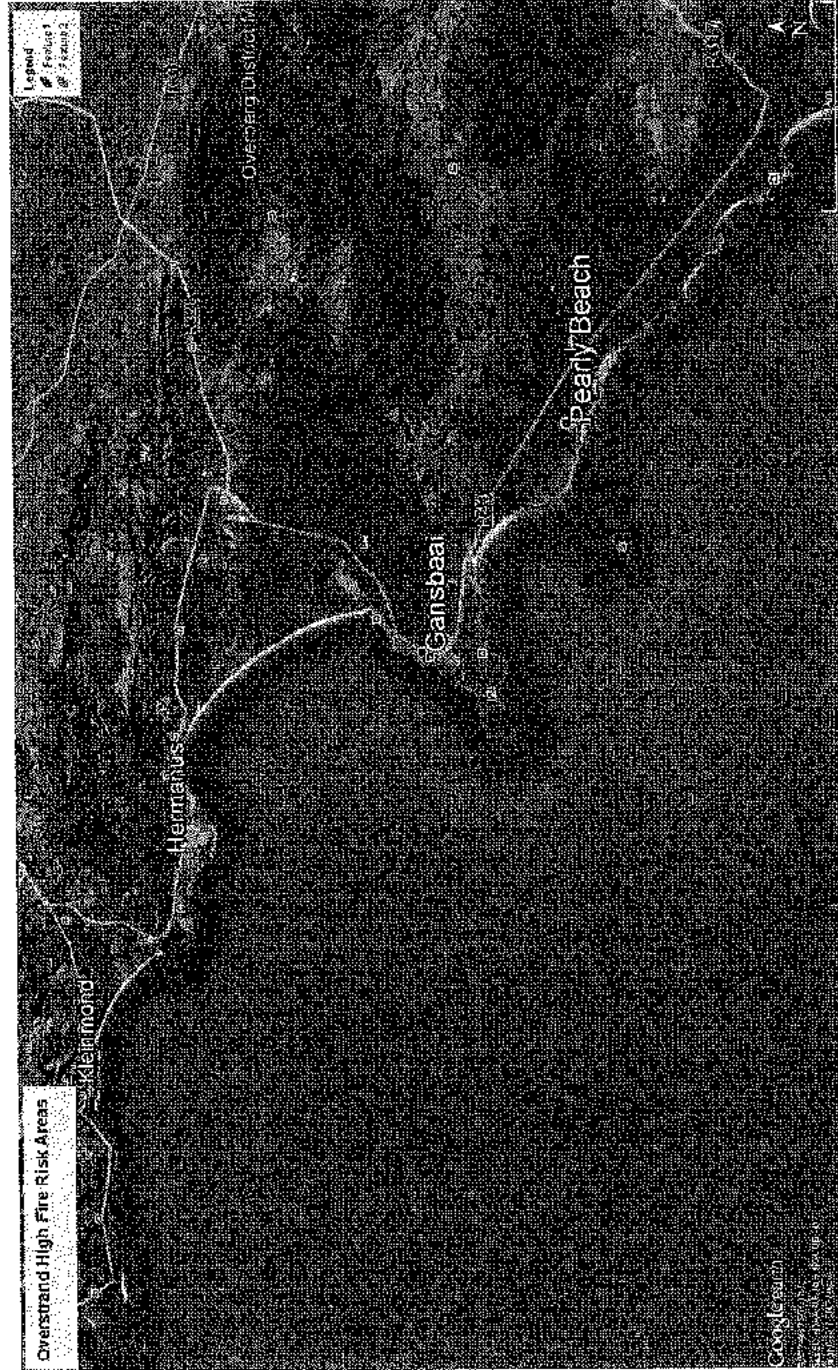
ODM/Overstrand Fire brigade response boundary
 Legend

Greater Overberg FFA
 FFA boundaries v02_26Aug14
 ODM/Overstrand fire brigade boundary

Some parts of the map are the property of the Overberg District Municipality. The fire district boundaries are the property of the Overberg District Municipality.

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The following areas are colour coded, red indicating a very high fire risk and orange indicating a medium to high fire risk



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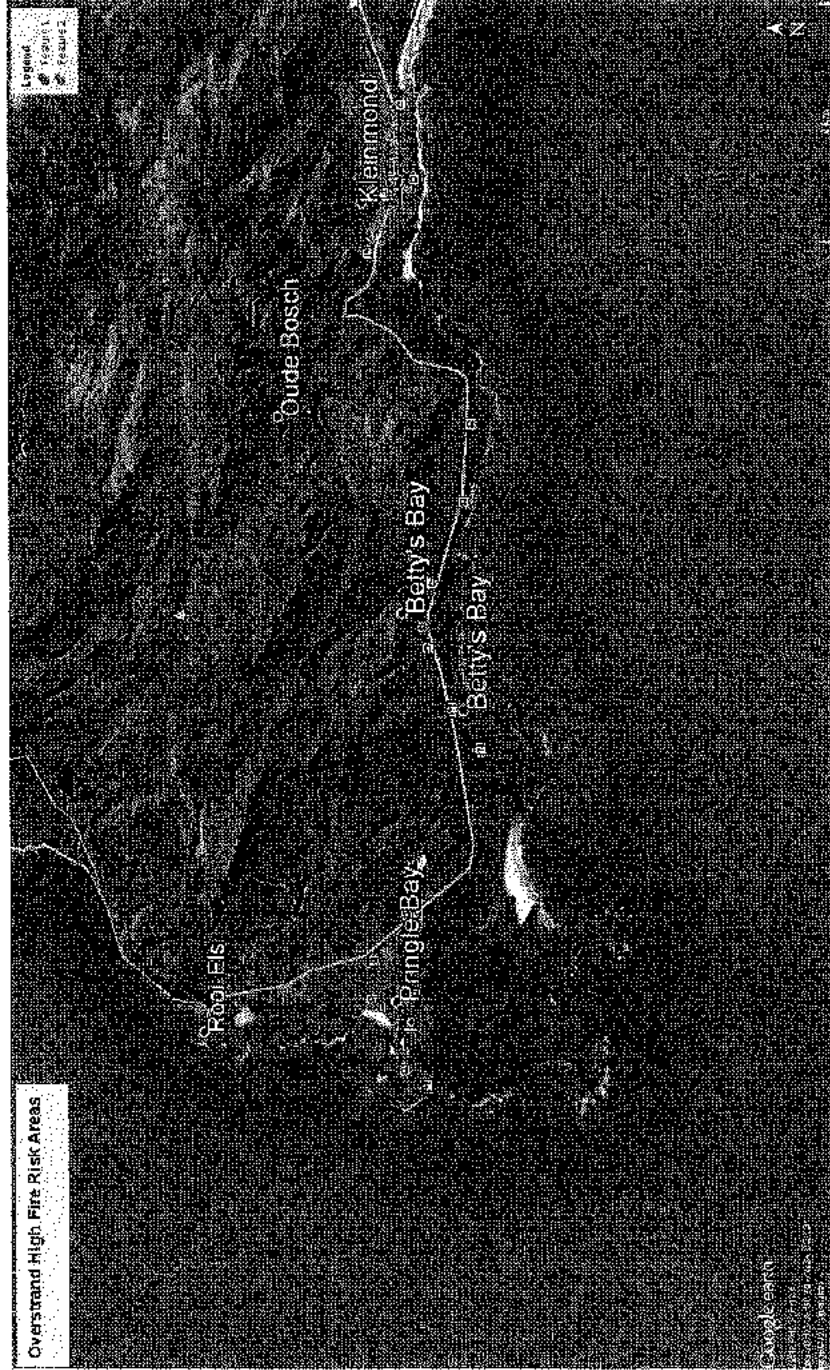
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FIRE RISK KLEINMOND/HANGKLIP AREA



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LEGISLATION

1. THE CONSTITUTION 1996
2. FIRE BRIGADE SERVICES ACT 99 of 1987
3. NATIONAL VELD AND FOREST ACT 101 of 1998
4. DISASTER MANAGEMENS ACT 57 OF 2002
5. MUNICIPAL SYSTEMS ACT 32 of 2000
6. MUNICIPAL STRUCTURES ACT 117 of 1998
7. SANS 10090 COMMUNITY PROTECTIONA AGAINST FIRES
8. STANDARD BYLAW RELATING TO COMMUNITY FIRE SAFETY
9. POLICY FOR THE CLEARING AND MAINTENANCE OF VEGETATION CREATING A FIRE HAZARD
10. NATIONAL ENVIRONMENTAL MANAGEMENT ACT 107 OF 1998



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CHALLENGES

SLA- Overstrand and Overberg have an mutual aid agreement in place but with no extra funding

Limited Resources for the Veld and Forest function

Urbanisation - influx of people to Overstrand area estimated population currently almost 100 000 people, area between sea and mountain, development and informal development move towards high risk area

Bad Housekeeping- Land Owners that don't clean around their properties

Urban Interface: Urban interface refers to an area of transition between unoccupied land and human development. Communities that are within 2 km of such an area may also be included.



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URBAN INTERFACE DEFINITION

Refers to the zone of transition where structures and flammable vegetation merge in a wild fire prone environment.

- Common Hazards
- Panicked and stressed home owners, public, media.
- Narrow roads.
- Multiple emergency services
- Gas and fuel tanks, combustible and hazardous materials
- Garages & tool sheds containing combustible materials
- Damage power lines / power outages
- Ember storms / Falling embers can cause spot fires

FIRE MANAGEMENT STRATEGIES

1. Fire Management plan and Fire Season Plan
2. Disaster Management plan Integration between municipal departments (Environmental, Operations)
3. Policy for the Clearing and Maintenance of Vegetation creating Fire Hazards
4. Member of GoFPA and continuous interaction with them
5. Overstrand continuous maintenance of Fire Breaks
6. Assist landowners with burn permits and strategic Block burns
7. Fire and Life safety Awareness Programs
8. Continuous Training of personnel
9. Good relationship with all roll players involve in Fire Management
10. Continuous Risk Assessments
11. We manage the Kleinmond WOF team



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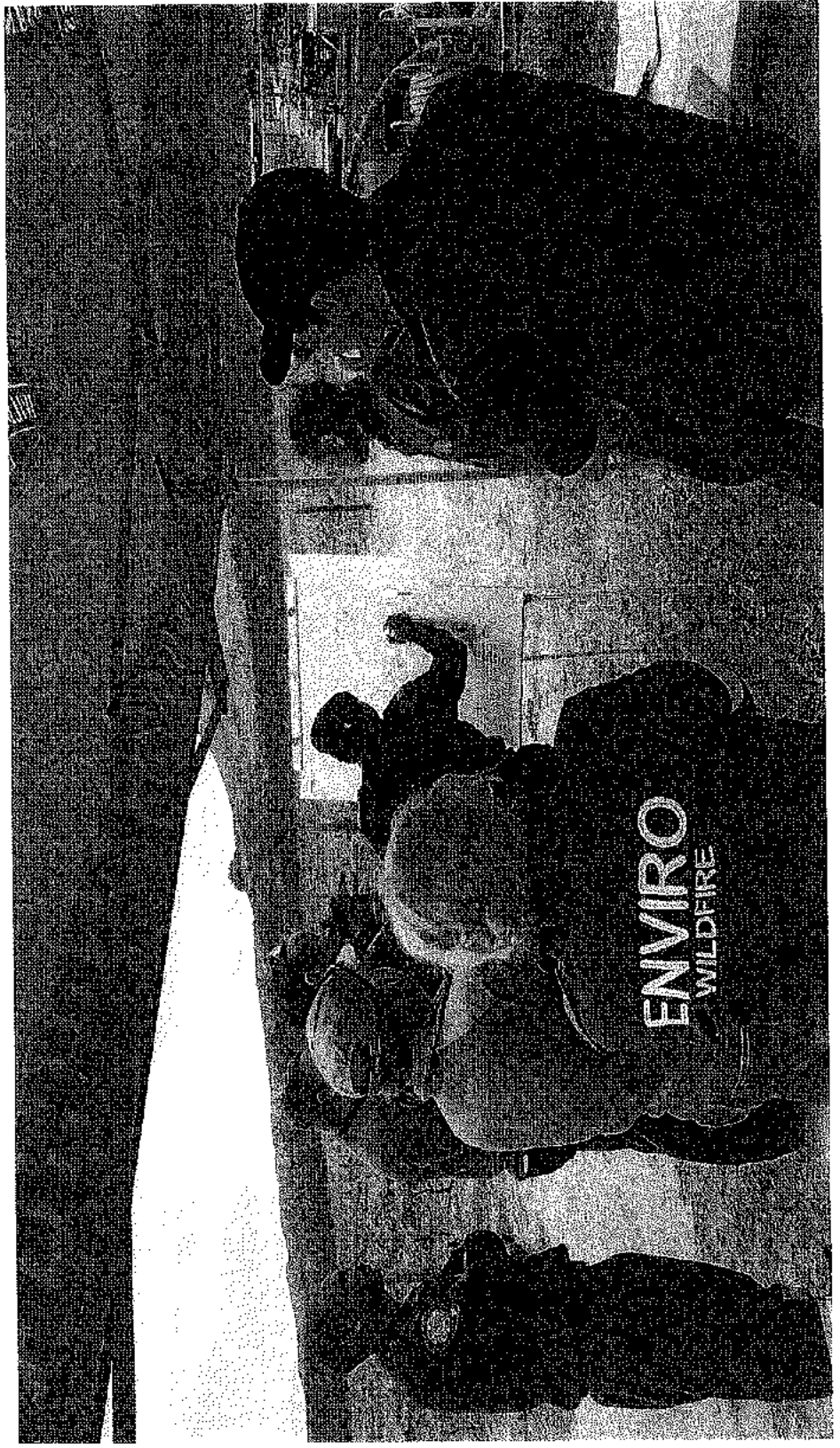


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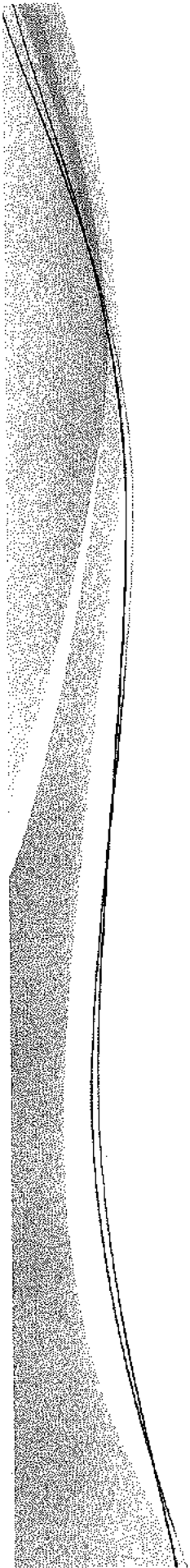


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Recommendations

- 1. That the requirements in terms of SANS 10090:2003 Community Protection against Fire, be noted by Council;
- 2. That the Proposed organogram in terms of acquisition of staff, be approved in principal by Council;
- 3. That the proposed alterations in Capital and Operational projections, be noted by Council;
- 4. That any decisions/proposals resulting from discussions as in above, be submitted to the Overstrand Municipality Council for consideration and approval;
- Failing this, it is difficult to envisage the establishment and maintenance of a service that is paramount in the saving of lives and property, which is a right of citizens in terms of the Constitution

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Conclusion

- Drought in the Western Cape will increase the risk of Wild land Fires in the Overstrand so we need to develop new ideas to manage wildfires.
- We will continue with fuel reduction and ecological burns programs
- Landowners must managed their land to reduce the devastation of wild fires
- We need more public support and awareness
- Lack of scientific support after each burn
- Public complaints –dust,etc. weeks after the actual burn
- We will continue with Awareness campaigns and assist with basic training through the GoFPA



L23/24 Nabeel Rylands
 Disaster Management: Risk Reduction Planning
 Email: Nabeel.Rylands@westerncape.gov.za
 Tel: +27 21 937 6353 fax: +27 21 931 9031

Reference number: 22/1/1/K18

Private Bag X3

Sanlamhof

7530

Date: 03 May 2018

Attention: Mr Coenie Groenewald

Municipal Manager, Overstrand Local Municipality

Cc:

Mr R Geldenhuys Head: Overberg Disaster Management Centre

Disaster Manager: Overstrand Local Municipality

Dear Mr Coenie Groenewald

Re: Disaster Risk Assessment for Overstrand Local Municipality

1. In an effort to support Overstrand Local Municipality (OLM) in completing a Disaster Risk Assessment, the Western Cape Disaster Management Centre (WCDMC) in collaboration with the Overberg District Municipality (ODM) will be conducting a Disaster Risk Assessment for the OLM in accordance with the Western Cape Standard Risk Assessment Methodology. The project will be linked to the scientific risk assessment conducted for ODM. The consolidated findings delivered after the completion of the project will focus on the identification of risk reduction initiatives and inform the drafting of your Disaster Management Plan.
2. The disaster risk management officials of OLM, ODM and WCDMC, together with identified officials from other sector departments and organisations who are operating at the municipal level, will be part of the process to assist with the compilation of the disaster risk assessment. This ensures that the officials take ownership of the results of the study and are able to implement the identified risk reduction projects via the IDP.

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3. To ensure that a municipality has a comprehensive disaster management plan, it is critical that a disaster risk assessment is conducted for the municipal area. From an operational perspective, it is imperative to have a current and verified risk assessment, since risk identification and assessments inform all risk reduction, disaster preparedness and response activities.
4. The involvement of your staff will add value to your municipal disaster management and spatial planning process and is crucial for the successful completion of the project.

Yours sincerely



Mr Schalk Carstens

Director, Disaster Risk Reduction

Date: 03/05/2018