

**AGENDA of the
Portfolio Committee : Protection Services
1 November 2022
(Also the agenda for the Mayoral Committee Meeting : 16 November 2022)**

**2.
OVERSTRAND MUNICIPALITY DISASTER MANAGEMENT ANNUAL REPORT**

2/B

NJ Michaels

Director: Protection Services

15 September 2022

(028) 313 8054

1. Executive Summary

The purpose of this report is to present to council the Annual Disaster Management Report.

2. Service Delivery and Budget Implementation Plan - IGNITE

Directorate: Protection Services
Fire & Emergency Services, Disaster Management 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
Local Government: Municipal Systems Act, No 32 of 2000
Local Government: Municipal Structures Act, No 117 of 1998
Service Delivery and Budget Implementation Plan (SDBIP) 2021/2022

6. Background/Discussion/Evaluation/Conclusion

Background

The Overstrand Municipality is responsible to promote a safe and healthy environment for all communities, according to the Constitution of the Republic of South Africa. Section 50 of the Disaster Management Act refers to annual reports

- *The disaster management centre of a municipality must submit a report annually to the municipal council on-*

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- (a) Its activities during the year;*
- (b) The result of the centre's monitoring of prevention and mitigation initiatives;*
- (c) Disasters that occurred during the year in the area of the municipality;*
- (d) The classification, magnitude and severity of these disasters;*
- (e) The effects they had;*
- (f) Particular problems that were experienced –*
 - I. In dealing with these disasters; and*
 - II. Generally in implementing this Act, the national disaster management framework, the disaster management framework of the province concerned and the disaster management framework of its municipality*
- (g) The way in which these problems were addressed and any recommendations the centre wishes to make in this regard;*
- (h) Progress with the preparation and regular updating in terms of sections 52 and 53 of disaster management plans and strategies by municipal organs of state involved in disaster management in the municipal area; and*
- (i) An evaluation of the implementation of such plans.*

Discussion

The Disaster Management Annual Report will contain the activities of the Overstrand Disaster Management Centre for the previous financial year.

7. Financial Implications

None

8. Staff Implications

None

9. Comments from other Departments, Divisions and Administrations

None

10. Annexures

Annexure A: Disaster Management Annual Report

RECOMMENDATION TO THE COUNCIL:

that the Overstrand Disaster Management Annual Report **be noted**.

**AGENDA of the
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RESPONSIBLE OFFICIAL :

**NJ MICHAELS
L SMITH**

TARGET DATE FOR IMPLEMENTATION :

30 NOVEMBER 2022



**DISASTER
MANAGEMENT
ANNUAL REPORT**

2021 - 2022



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Acronyms

CDC	: Community Daycare Centre
ECD	: Early Childhood Development
EPWP	: Expanded Public Work Program
FDI	: Fire Danger Index
FTE	: Full Time Equivalent
GOFPA	: Greater Overberg Fire Protection Association
HIV	: Human Immunodeficiency Virus
HPA	: Highly Pathogenic Avian Influenza
ICP	: Incident Command Post
KPI	: Key Performance Indicator
ODM	: Overberg District Municipality
OWV	: Overberg Wildfire Volunteers
RDP	: Reconstruction and Development Programme
SANCCOB	: South African Foundation for the Conservation of Coastal Birds
SANDF	: South African National Defense Force
SAPS	: South African Police Service
SLA	: Service Level Agreement
VIP	: Very Important Person
VWS	: Volunteer Wildfire Services
WHO	: World Health Organization
WOF	: Working on Fire

Overview by the Head of Department



Though the bill for Disaster Management was passed in 2016, the Overstrand Disaster Management Department is still fairly new. The department has yet to expand, and only remains with the existing permanent structure as at the establishment of the department.

The jurisdiction covers 1708km² which stretches from Quinn Point in the West to Rooiels in the East, the jurisdiction is still identified as one of the fastest growing municipalities in the Overberg District Municipality and the second highest populated local municipal area in the Western Cape.

In partnership with the Western Cape Provincial Government, a risk assessment was conducted by Luticento PTY which was presented to Overstrand Municipality. The top 10 risks identified for Overstrand Municipality are wildfires, alien invasive species (vegetative), hazmat incidents, civil unrest, road accidents, storm surges / coastal flooding, sea-level rise, floods (stormwater), urban fires (informal and endemism (loss of biodiversity)).

During 2020/2021 the world was struck with the Covid-19 pandemic with Disaster Management playing a critical role with the coordination of activities, leaving little to no time for other activities. With the easing of Covid-19 regulations, the world returned to a some-what normal state and other activities started playing a more pivotal role.

The long term plan for Overstrand Disaster Management is to expand the department to have satellite stations at both Hermanus and Kleinmond, with Assistant Disaster Management Officers and Disaster Management Risk Officers available to respond for each area.

The focus of this past financial year (2021 – 2022) was geared towards risk reduction, with various prescribed burns taking place and risk visits conducted to become aware of the risks prevalent in our area of jurisdiction. Through the risk visits, more professional relationships are built with the role players and stakeholders thus ultimately gearing towards integrated veld fire management.

CHAPTER 1: GENERAL INFORMATION

1. INTRODUCTION

The Overstrand Municipality is located in the Western Cape, approximately 121km away from the City of Cape Town. The Overstrand Municipality has its head office based in Hermanus and offers a decentralized service with offices in Greater Gansbaai/ Hangklip/Kleinmond and Stanford too.

The municipal area is demarcated into fourteen wards, with a councillor selected in each ward. The Overstrand Municipality is a DA (Democratic Alliance) led municipality which comprises of 27 councillors , of which 14 are on a proportional basis. The wards are divided as follows:

1. Stanford, Thembilihle
2. Gansbaai North-East Masakhane
3. Hermanus and Voelklip
4. Mount Pleasant, portion of Westcliff, Hemel-en-Aarde Valley
5. Zwelihle
6. Zwelihle
7. Sandbaai, Hemel-Aarde Estate
8. Fisherhaven, Hawston
9. Kleinmond, Mountain View, Palmiet, Beverly Hills, Ext 6
10. Pringle Bay, Proteadorp, Overhills, Rooiels, Mooi-Uitsig, Betty's Bay
11. Baardskeerdersbos, Eluxolweni, Pearly Beach, Buffeljachtbaai, Franskraal
12. Zwelihle
13. Onrus, Vermont
14. Blompark, De Kelders, Gansbaai South-West, Van Dyksbaai

2. PURPOSE

The purpose of the Overstrand Municipality Disaster Management Centre is to ensure co-ordination of multi-disciplinary and sectoral risk reduction through integrated institutional capacity for Disaster Risk Management, Disaster Risk Assessment, Disaster Risk Response and Recovery.

3. LEGISLATIVE MANDATE

The Overstrand Municipality Disaster Management Centre is governed by the following legislation:

Constitution of the Republic of South Africa, 1996
Disaster Management Act, No 57 of 2002
Disaster Management Amendment Act, No 16 of 2015
National Disaster Management Framework, 2005
Municipal Finance Management Act, No 56 of 2003
Local Government: Municipal Systems Act, No 32 of 2000

4. STRATEGIC OVERVIEW

4.1. VISION

To be the Centre of excellence for the community

4.2. MISSION

Creation of sustainable communities by delivery optimal services to support economic, social and environmental goals in a politically stable environment.

4.3. VALUES

We belong, We care, We Serve

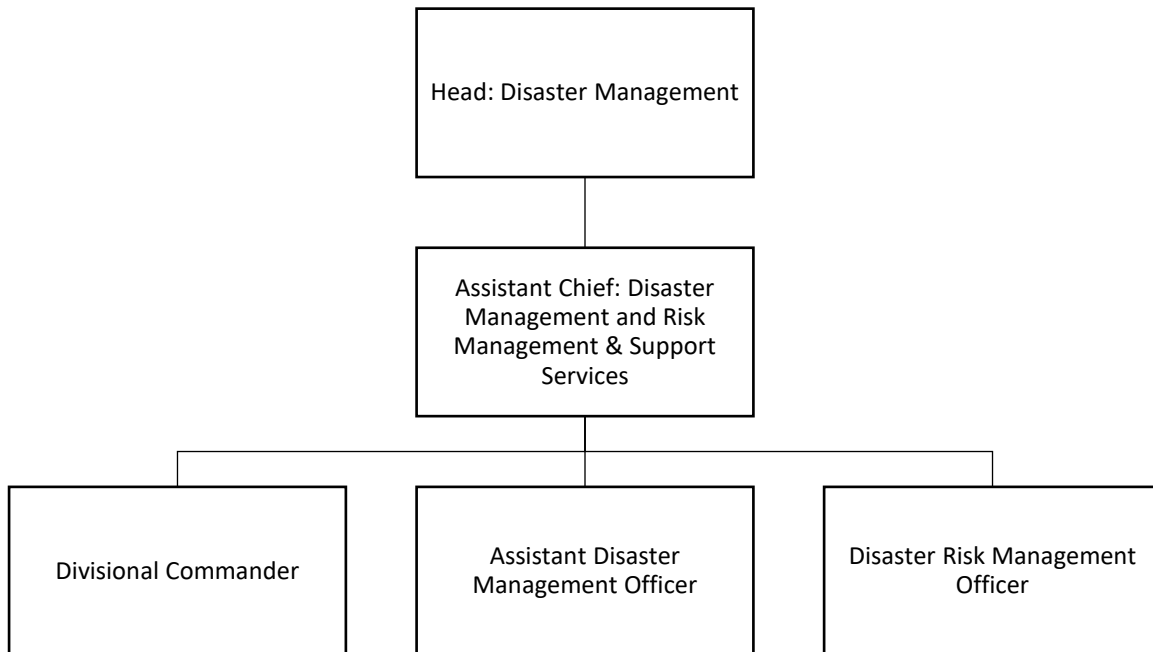
- O Opportunities for All
- V Value the input of our communities
- E Economic growth for the benefit of all
- R Recreational activities in a safe environment
- S Sustain service excellence and productivity
- T Teamwork in achieving success
- R Recognizing the needs of our diverse society
- A Acknowledge the need to conserve our bio-diversity
- N No corruption and maladministration
- D Development within a sustainable environment

4.4. STRATEGIC OBJECTIVES

The creation and maintenance of a safe and healthy environment

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5. ORGANISATIONAL OVERVIEW



6. EXPENDITURE TRENDS

The total budget allocate for Overstrand Disaster Management for the financial year 2021/2022 was R 2 763 450.00

7. STRUCTURE OF THIS REPORT

The Overstrand Municipality is a local municipality within the Overberg District region. The report is thus written in context of activities which the Overstrand Municipality participated in. The report is guided by Disaster Management Centre yet written in consultation with other departments and stakeholders.

CHAPTER 2: ACTIVITIES OF OVERSTRAND DISASTER MANAGEMENT CENTRE**8. INTRODUCTION**

Disaster Management is a continuous and integrated multi-sectoral and multi-disciplinary process of planning and implementation of measures aimed at disaster prevention, mitigation, preparedness, response, recovery and rehabilitation.

The Disaster Management function is responsible to promote disaster management training and community awareness to reduce the vulnerability to communities most at risk. Disaster management aims to reduce, minimize, and prevent disasters through risk assessment and mitigation strategies.

The approach to disasters and disaster management in South Africa has changed and are aligned with international trends. This was accomplished by adopting measures to reduce or prevent the risk of disaster by integrating risk reduction strategies into future development projects or plans (closing the gap between development and disasters) to create resilient communities rather than dealing with disasters once it occurs.

9. OVERVIEW

The Overstrand Municipal jurisdiction covers a surface area of 1708km², with a population of approximately 93 407 (2016 Community Survey, Stats SA). The municipal area has a coastline of approximately 230km which stretches from Rooiels in the West to Quinn Point in the East.

Own average annual growth rate for 2019/20 indicates that the population is already in excess of the Community Survey and stands at 104 748 – 104 985. As Overstrand is a tourist destination, these figures can increase up to 50% during festivals and festive season. With the increase in tourists, there is also an increase in risk and the potential for a disaster to arise. It is anticipated that the growth rates of Overstrand Municipality are faster than the Overberg District Municipality, and Overstrand will become the most densely populated municipality within Overberg in due course.

A SLA (Service Level Agreement) was entered into between ODM (Overberg District Municipality) and OSM (Overstrand Local Municipality) on 1 October 2015. As a result of the SLA, the Overstrand Municipality will render both the B and C local municipal function in its area of jurisdiction and the risk for Overstrand Municipality will be greater. Where an incident occur within the boundaries, the Overstrand Municipality will respond, and if assistance is required from the District, the District Fire Chief will be called upon.

In terms of the SANS 10090: Community Protection Against Fires, the Overstrand Municipality renders all services in terms of the fire risk categories:

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 risk areas of limited buildings and remote from urban areas*

CATEGORY E : *Special risk areas. Individual risk 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.*

10. HIGH RISKS IDENTIFIED DURING 2021/2022

One of the KPI's related to Disaster Management is D192, which is a "Monthly report on the compilation of a database of all vulnerable infrastructure and high risk areas". For 1 July 2021 – 30 June 2022 the following high risks were identified:

Table 1: High risk identified

Month	High risks identified:
Jul 2021	<p>Zwelihle informal settlement</p> <p>Zwelihle is a township situated on the outskirts of Hermanus. Several risks are prevalent in the area such as flooding, drug and crime issues, rat infestations and sewerage leaks.</p> <p>Residents in Zwelihle are subjected to several risk conditions which include poverty, unemployment and high HIV (Human Immunodeficiency Virus).</p> <p>Only formal areas in Zwelihle are provided with electricity, resulting in informal settlements and backyard dwellings resorting to illegal connections which constitute a fire hazard, further increasing the vulnerability of the township.</p>

	<p>One of the most critical hazards in Zwelihle is Peach House as it is situated in a low lying area. During heavy rain fall the water runs into many dwellings which lack a proper foundation. Other hazards identified include inadequate drainage system, dumping of waste by members of the community, irregular collection of waste which leads to damage to property and infrastructure, poor service delivery and disease.</p> <p>Drainage holes which are intended to divert water away from the houses are continually clogged with litter, therefore grids have been placed over some of the openings by the municipality to prevent litter from entering the pipes. This does however not stop the smaller debris from entering the pipes and causing blockage.</p>
<p>Aug 2021</p>	<p><u>Fire Risk Assessment : Fuel load</u></p> <p>An assessment was conducted across Overstrand to identify high risk sites. The assessment was conducted in conjunction with other municipal departments. Eliminating or reducing the risk is not always possible hence attempting to reducing the fuel load instead. Disaster Management is working closely together with other role players such as Cape Nature, Working on Fire (WOF), Conservancy, goFPA and internal departments.</p> <p>High risk areas identified are: Betty's Bay, Kleinmond, Afdakrivier, Fisherhaven, Sonesta, Hawston (new extension), Hemel-en-Aarde (municipal farm), Preekstoel, Fernkloof, Die Kop, Le Bos, Veolia, Klipgat 1, Die Kouderivier / Nuwepos and Spookfontein.</p>
<p>Sep 2021</p>	<p><u>Traffic Admin Office, 51 Heide Street, Mount Pleasant</u></p> <p>A fire safety audit was conducted at the Traffic Admin Office at 51 Heide Street, Mount Pleasant. The building is frequented by municipal officials on a daily basis and the following recommendations are made for compliance:</p> <ul style="list-style-type: none"> • Obtain approved building plans • Emergency evacuation plan • Rezoning of premises • Signage to comply with SANS 1186-5 • Emergency exits to comply with approved locking devices • Fit with fire extinguishers
<p>Oct 2021</p>	<p><u>Camphill</u></p> <p>Camphill Farm is situated in the Hemel-en-Aarde Valley and is a community for disabled persons. The disabilities include blindness, low vision, leprosy-cured, hearing impairment, loco motor disability, mental retardation and mental illness.</p> <p>A fire safety audit and regulatory inspection was conducted at Camphill Farm and there were a number of findings.</p> <p>Due to the nature and location of the premises, it poses a high risk to the neighbouring property and residents alike. On average, it would take the fire department approximately 12 minutes to respond to any reported incident. The farm must therefore put all measures in place to mitigate any potential incident.</p>

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Nov 2021	<p><u>Avian Influenza (HPA) outbreak along the coast</u></p> <p>An outbreak of Avian Influenza was detected in wild birds in the Western Cape during May 2021, which affected mainly seagulls. The colonies which were affected the worst was Dyer Island and near Veldrift.</p> <p>Following a meeting attended on 30 November 2021 it was determined that Dyer Island (at that time) was the worst affected, with suspected cases showing a total of 13 850 as at 1 October 2021. Betty's Bay had considerable less with suspected cases only reaching 959 as at 1 October 2021.</p>																																																																								
Dec 2021	<p><u>Peanut butter donations</u></p> <p>A donation was received from Breadline Africa via Stronger Together. In the donation, peanut butter cubes were received and distributed to the ECD's and Soup Kitchens within the Overstrand Area.</p> <p>The ECD's and Soup Kitchens were issued with peanut butter cubes according to the total number of kids registered at the ECD.</p> <p>The peanut butter donation was given in aid of the after effects of Covid-19 as communities and businesses still suffered financially.</p> <p>The following schools received peanut butter boxes:</p> <table border="1"> <thead> <tr> <th>#</th> <th>Name of School</th> <th>Quantity</th> </tr> </thead> <tbody> <tr><td>1</td><td>Gansbaai Laerskool</td><td>3</td></tr> <tr><td>2</td><td>Gansbaai Primary School</td><td>4</td></tr> <tr><td>3</td><td>Masakhane</td><td>4</td></tr> <tr><td>4</td><td>De Bron</td><td>4</td></tr> <tr><td>5</td><td>Funimfundo Pre School</td><td>3</td></tr> <tr><td>6</td><td>Good Hope ECD Centre</td><td>3</td></tr> <tr><td>7</td><td>Masakhane Pre School</td><td>3</td></tr> <tr><td>8</td><td>Takalani Baby Care</td><td>3</td></tr> <tr><td>9</td><td>Zwelihle Primary</td><td>5</td></tr> <tr><td>10</td><td>Qhayiya Secondary School</td><td>5</td></tr> <tr><td>11</td><td>Lukhanyo Primary School</td><td>5</td></tr> <tr><td>12</td><td>Mount Pleasant Primary School</td><td>5</td></tr> <tr><td>13</td><td>Hawston Primary</td><td>5</td></tr> <tr><td>14</td><td>Hawston Secondary</td><td>5</td></tr> </tbody> </table> <p>The following soup kitchens received peanut butter boxes:</p> <table border="1"> <thead> <tr> <th>#</th> <th>Name of School</th> <th>Quantity</th> </tr> </thead> <tbody> <tr><td>1</td><td>Masakhane Soup Kitchen</td><td>3</td></tr> <tr><td>2</td><td>Seeds4Kids</td><td>3</td></tr> <tr><td>3</td><td>Rainbow Trust</td><td>3</td></tr> <tr><td>4</td><td>RDP Centre</td><td>3</td></tr> <tr><td>5</td><td>Mamma Soraya</td><td>3</td></tr> <tr><td>6</td><td>Gospel Outreach</td><td>3</td></tr> <tr><td>7</td><td>MP Saints</td><td>3</td></tr> <tr><td>8</td><td></td><td></td></tr> </tbody> </table>	#	Name of School	Quantity	1	Gansbaai Laerskool	3	2	Gansbaai Primary School	4	3	Masakhane	4	4	De Bron	4	5	Funimfundo Pre School	3	6	Good Hope ECD Centre	3	7	Masakhane Pre School	3	8	Takalani Baby Care	3	9	Zwelihle Primary	5	10	Qhayiya Secondary School	5	11	Lukhanyo Primary School	5	12	Mount Pleasant Primary School	5	13	Hawston Primary	5	14	Hawston Secondary	5	#	Name of School	Quantity	1	Masakhane Soup Kitchen	3	2	Seeds4Kids	3	3	Rainbow Trust	3	4	RDP Centre	3	5	Mamma Soraya	3	6	Gospel Outreach	3	7	MP Saints	3	8		
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<p>Jan 2022</p>	<p><u>Informal fires and backyard dwellings</u> Informal settlements and backyard dwelling fires are caused predominantly by negligence and accidental:</p> <ul style="list-style-type: none"> • Predominantly – negligence and accidental • Open flame – cooking, lightning and heating • Deliberate – domestic violence issues and crime related issues • Substance abuse – alcohol induced activities and non-activities • Electrical supplies – illegal electrical connections <p>To address these issues, awareness programmes are conducted with community members in terms of education and awareness, emergency preparedness, emergency response and rehabilitation.</p> <p>For the financial year, 79 fires were recorded of which 59 were informal settlement fires and 20 back yard dwelling fires.</p>
<p>Feb 2022</p>	<p><u>Kleinmond informal settlement fire</u> Overhills is an informal settlement which is situated in Kleinmond.</p> <p>At approximately 00:52 on 27 February 2022 a fire occurred in Overhills with multiple shacks reported being alight. 14 Firefighters and 4 fire engines, with the assistance of the public, managed to contain the fire at approximately 02:08. Disaster Management assisted with humanitarian relief by issuing the affected families with basic items. Large volumes of donations were received from the public which was distributed via the Ward Councillors to the affected families too.</p> <p>The following challenges were identified:</p> <ul style="list-style-type: none"> - There are no fire hydrants in the area and fire engines had to leave the scene to replenish water supply - The dwellings are densely situated - Only one access road to enter / exit which is used by the community <p>The fire was further fueled by strong winds which caused the fire to spread rapidly.</p>
<p>Mar 2022</p>	<p><u>Blesberg fuel reduction</u> Blesberg is a mountain nestled between Pringle Bay and Betty's Bay along the Hangklip/Kleinmond route in Overstrand. The area is well known for its scenic drive and attracts many nature enthusiasts.</p> <p>The Overstrand jurisdiction is situated in a fire-dependent fynbos biome. Blesberg is an area identified as one of our high risks in the fire season plan. It is so considered due to the high fuel load and density of the vegetation. A fire igniting on Blesberg can easily change to a (or many) structural fires as the home owners in the vicinity choose to live amongst natural fauna and flora. It is for this reason that the area is considered high risk.</p> <p>Plans are underway with the relevant role players to conduct a prescribed burn to mitigate the severity of any potential fire. Land owners were consulted for the creation of fire-breaks at strategic points.</p>

	<p>As Overstrand Municipality is one of the landowners, an integrated prescribed burn will take place with other landowners in an attempt to reduce the fuel load and potentially mitigate any disasters.</p>
<p>Apr 2022</p>	<p><u>Operation Lungisa</u> Crime is prevalent in all areas in Overstrand, and in an attempt to curb crime, Disaster Management, in conjunction with Law Enforcement agencies, launched Operation Lungisa on 21 April 2022.</p> <p>The first area targeted was Zwelihle in which local businesses were inspected for compliancy. These businesses sell items which have expired their use-by date. It is illegal to sell or donate perishable items which have expired. Owners were requested to remove those items from their shelves and dispose of them in a suitable manner as it carries a health risk for the consumer.</p> <p>During the visit, three spaza shops were visited by Disaster Management. The District Health Department was contacted to request owners to remove expired items.</p> <p>The second area targeted was the Hangklip / Kleinmond town where the operations was aimed at crime prevention and enforcement of the Living Marine Resources Act.</p> <p>Future operations are planned with the District Municipality's Health Department.</p>
<p>May 2022</p>	<p><u>Global warming</u> Since the 1800's, human activities have been the main driver to climate change, primarily due to the burning of fossil fuels which produce heat-trapping gases.</p> <p>Climate change causes changes in rainfall as it results in more severe and frequent storms causing flooding and landslides which destroy homes and communities. On the other hand, desserts are expanding and droughts can become the cause for destructive sand storms.</p> <p>The agricultural and livestock industry may be impacted as the industry becomes less productive.</p> <p>Early warnings are issued to community members to warn them of potential danger.</p>
<p>Jun 2022</p>	<p><u>Load shedding</u> Load shedding occurs when there is not electricity to meet the demand of Eskom customers, as a result the electrical supply is disrupted to certain areas.</p> <p>While the power system continues to be under severe pressure, the risk of load shedding will remain high.</p> <p>At any given time, Eskom must generate 43 300MW of power on a 24-hour basis, however it currently only generates 71% of generation capacity, and on most days only 65%.</p>

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Load shedding has its own repercussions as residents, especially in the informal settlements and vulnerable communities, are likely to seek heat sources such as fire or candles to make or heat food and seek warmth.

The municipality has in place a contingency plan in the event of a total black out. Irrespective of whether a local state of disaster has been declared or not, disaster management is responsible for the co-ordination and management of local disasters that occur in its area.

Overstrand have 18 informal settlements which are affected by load shedding, as it could result in an informal settlement or backyard dwelling fires within the settlements or vulnerable communities.

11. EVENTS

Any organizer of a special event must have a disaster management plan for the special event, and must make provision for the following (where applicable):

11.1. THE FOLLOWING SERVES AS GUIDELINE ONLY

The list of regulations to obtain permission to host an event subject to all requirements by Overstrand Municipality that must be adhered to in the interest of public safety during the full duration of the event:

The erection of temporary structures (eg marquees, stage, etc) and a floor plan outlay must be submitted for approval;

In terms of Section 4 of the National Buildings Regulations Act, Act 103 of 1977 it is an offence for anyone to erect any type of structure without permission of the local authority, being Overstrand Municipality;

A qualified security company that has been trained in events management must submit an integrated security operation plan in collaboration with the South African Police Services (SAPS). The security company that has been contracted must conform to the Private Security Industry Regulation Act, Act 56 of 2001. A letter of undertaking between the event organizer and the contracted security company is to be submitted to the Disaster Management Office;

The responsibility for the safety of all present (VIP, public, staff assisting etc.) lies primarily with the event organizer. The law enforcement agencies (SAPS and Municipal Law Enforcement) will maintain public order and prevent the

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commission of offenses in terms of the Criminal Procedure Act, Act 51 of 1977 and the Regulation of Gatherings Act, Act 205 of 1993;

A Disaster Medical Plan must be submitted, a letter of undertaking from the Emergency Medical Service Provider contracted that such services have been requested, and an agreement has been reached to provide a minimum level of medical services standby at an event;

All vendors that will handle food must provide a valid health clearance certificate and / or comply with equivalent requirements; and any additional environmental health issues to conform to the Health Act, Act 63 of 1977;

The use and sale of fireworks are regulated by the Explosives Act, Act 26 of 1956, as well as the Regulations issued in terms of this Act. Chapter 10 of the Regulations regulate the use of exploding of fireworks. Regulation 10.34 is of importance for policing purposes. Applications to be sought via the local authority tot eh Chief: Explosives of South African Police Services to obtain the necessary permission to discharge fireworks (Application approval also subject to Part 172 of the Civil Aviation Regulations, 1997);

All fire safety related issues (eg use of gas cylinders, access, and egress for emergency vehicles) to conform to the Overstrand Municipality Community Fire Safety By-law, P.N. 6454/2007, made under the Fire Brigade Services Act, Act 99 of 1987;

Should extra power supply be required; a request for the supply of temporary electricity must be submitted for the operation of the event (such details to be depicted on the floor plan outlay). If a private company have been contracted such person and/or company to comply with the Electrical Installation Regulations (Regulations made under the repealed Machinery and Occupational Safety Act 1983 and now applicable under the Occupational Health and Safety Act 1993 (GN R2920, 23 October 1992 amended to GN 962, 20 May 1994);

In the interest of public safety and in accordance with Subsection (1) of the Firearms Act 60 of 2000 no person may allow any firearm or ammunition into a firearm-free zone; or carry a firearm or ammunition into a firearm-free zone. A police official may search the premises in a firearm-free zone without warrant if he or she has a suspicion on reasonable grounds) that a firearm or ammunition may be present in the firearm-free zone. Any person present in a firearm-free zone may be searched and any firearm or ammunition present in the firearm-free zone

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or on the person may be seized in contravention of a notice issued in terms of Subsection (1);

The usage and selling of cannabis and other banned drug substances is strictly prohibited in terms of Section 3, 4 and 5 of the Drugs and Drug Trafficking Act 140 of 1992.

Applications for Temporary Liquor License must conform to the Liquor Act 27 of 1989. Applications can be submitted to the local Designated Police Officer of SAPS within the precinct of jurisdiction.

The volume of any amplified sound must conform and comply with the terms of Regulation 7 (2) of the Noise Regulations P.N 627/1989, made under Section 25 of the Environmental Conservation Act, Act 73 of 1983.

Applications form intermittent/temporary and/or full road disclosures for the scheduled event to conform to Section 22 – Processions of the Standard By-law should signage for no stopping, parking and other devices be required, the equipment must be in compliance with he South African Road Traffic Signs Manual.

In terms of the Regulations Gathering Act 205 of 1993 the local authority can at any time (should such a course be considered necessary or desirable by the Overstrand Municipality) withdraw or amend the permit.

11.2. EVENT APPLICATION REQUIREMENTS

The following information and documentation are required from all organizers of events wishing to host an event in Overstrand. The timeous provision of the complete information will support and assist with the processing of the application, the approval and compliance with legislative requirements.

Size	Category (Attendee/Participation Size)	Minimum time before event to submit an application
Small	1 – 1000	60 days
Medium	1001 – 2000	90 days
Large	2001 – 5000	120 days
Very Large	5001 – above	180 days

11.3. EVENT INSPECTIONS CONDUCTED BY DISASTER MANAGEMENT

Table 2: Event inspections

#	Name of event	Date
1	Cheese and Wine Festival	3 Jul 2021
2	Race to the Sea	4 Sep 2021
3	Golf Day	17 Sep 2021
4	Trail Series Super League Koggelberg	25 Sept 2021
5	Brewery to Brewery	03 Oct 2021
6	Wines to Whales	5-7 Nov 2021
7	Charity Road Run	14 Nov 2021
8	Atlantic Flying Club Annual	26-28 Nov 2021
9	Birkenhead Brewery	28 Nov 2021
10	Overberg Toy Run	28 Nov 2021
11	Stanford Summer Vibe	04 Dec 2021
12	Ungazinash Inice Time Fest	04 Dec 2021
13	Hawston Music Campout	10 - 12 Dec 2021
14	Lomond Wine Estate	11- 12 Dec 2021
15	Hot Summer of Touch	16 Dec 2021
16	Stanford Fest	18 Dec 2021
17	Umbumnandi Fest	18 Dec 2021
18	Carols by Candle Light	18 Dec 2021
19	Carols at the Lagoon	20 Dec 2021
20	Stanford Hills	16,23,28 Dec 2021
21	Open Air Church Service	
22	Cape Bridal Show	10 - 13 Feb 2022
23	Lighthouse 2 Lighthouse	4 - 27 Feb 2022
24	MTB Stanford	26-Feb-22
25	Stanford Guide MTB rige	27-Feb-22
26	Fun Walk	5-Mar-22
27	Gnocchi Food Wine Tasting Show	5-Mar-22
28	Bok van De Blerk Musical Event	11-Mar-22
29	Stiek Yt Rally	25-Mar-22
30	NG Kerk Onrus Bazaar	26-Mar-22
31	Exclusive Jumble Sale & Bazaar	26-Mar-22
32	Bodhi Khaya Retreat	1-3 Apr 2022
33	False Bay 50km	4-Apr-22
34	Stanford Hills Easter Sunday Show	12-Apr-22
35	Walkerbay Outdoor	29-Apr-22
36	Walkerbay Event	29-Apr-22
37	Ultra Visions 2022	29 Apr 2022 - 01 May 2022
38	Helicopter Landing de Bos	01 - 02 May 2022
39	Yeti Trail Run & Gravel Bike	6-May-22
40	Cheese and Wine Festival	5-Jun-22
41	Penguin Plunge	18-Jun-22
42	Yeti Gravel Raids Trail Run	16- 18 Jun 2022

12. REACTIVE INCIDENTS

12.1. WILDFIRES

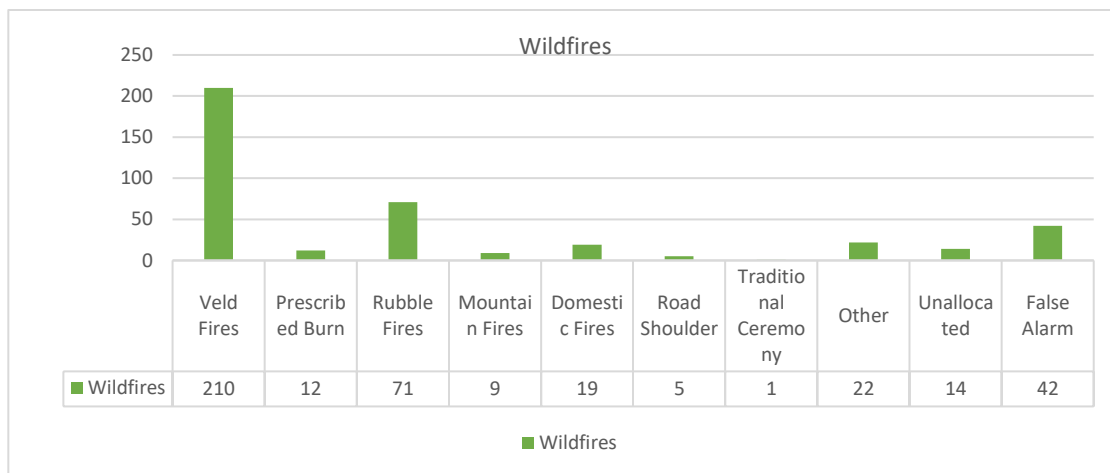


Figure 1: Wildfires

Of the 405 wildfires recorded, 210 were recorded as veldfires, of which 7 were extended fires which required additional assistance from. More details on the extended fires can be obtained in Section 16 of the Annual Report.

Refer to Section 16 For more information on prescribed burns.

12.2. STRUCTURAL FIRES

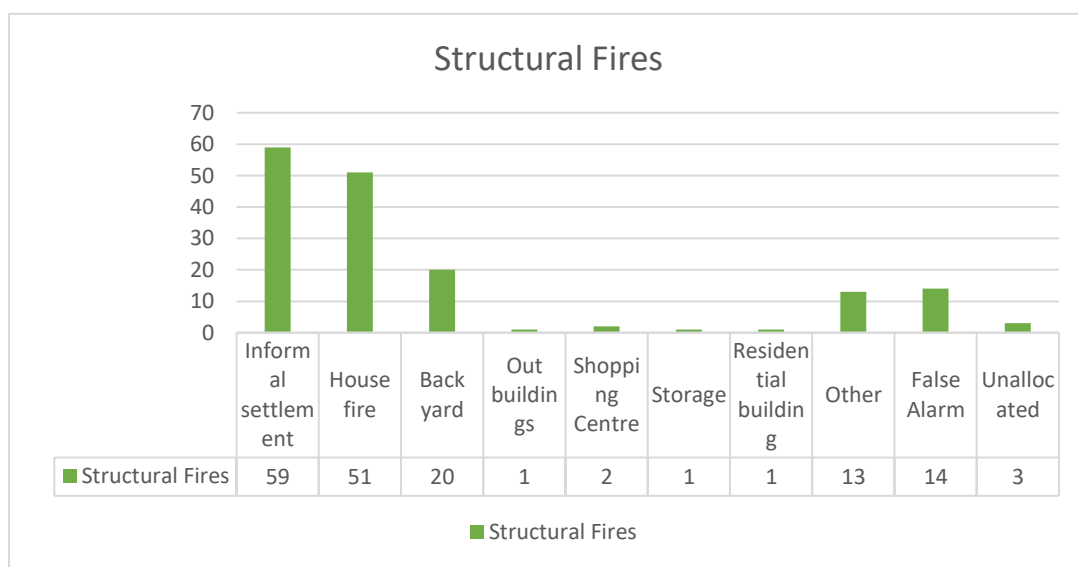


Figure 2: Structural fires

The department attended to 165 Structural Fires from 1 July 2021 – 30 June 2022. The top three categories are Informal Settlement Fire, followed by House Fire and Back Yard dwelling fire.

12.3. AUTOMOBILE INCIDENTS

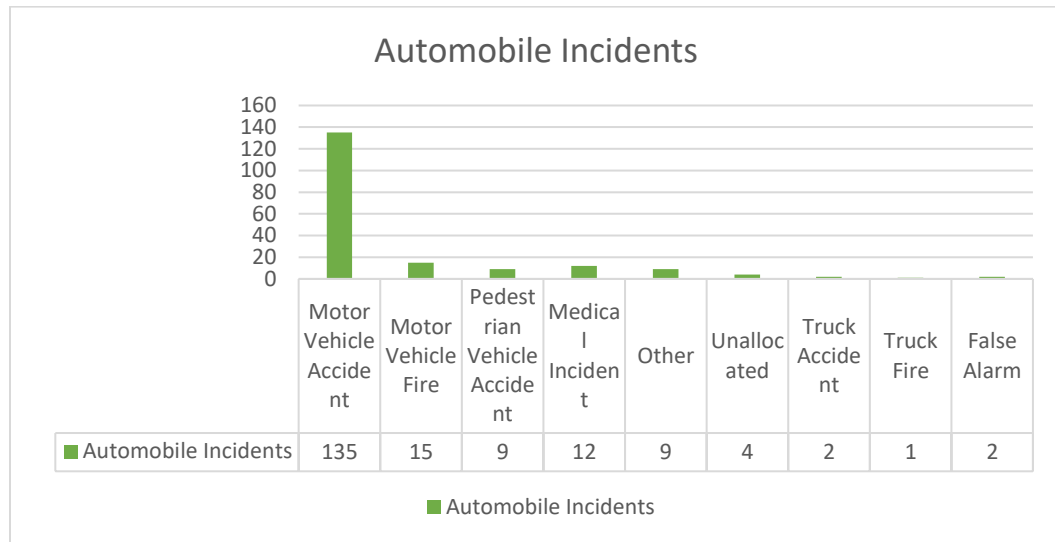


Figure 3: Automobile incidents

The department attended to 189 Automobile Incidents from 1 July 2021 – 30 June 2022. The top three categories are Motor Vehicle Accidents, followed by Motor Vehicle Fire and Medical Incidents.

12.4. RESCUE

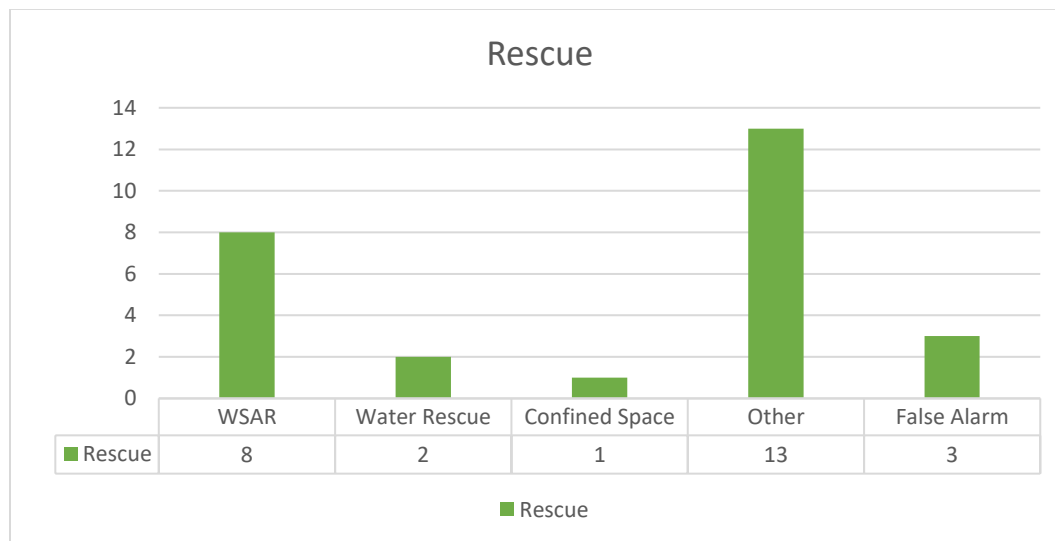


Figure 4: Rescues

The Overstrand jurisdiction has a plethora hiking trails for nature lovers and tourists to enjoy. The jurisdiction covers a coastline of approximately 230km; and is nestled between the mountain and the sea. of The department attended to 27 Rescue Incidents from 1 July 2021 – 30 June 2022.

12.5. SOCIAL DISTRESS

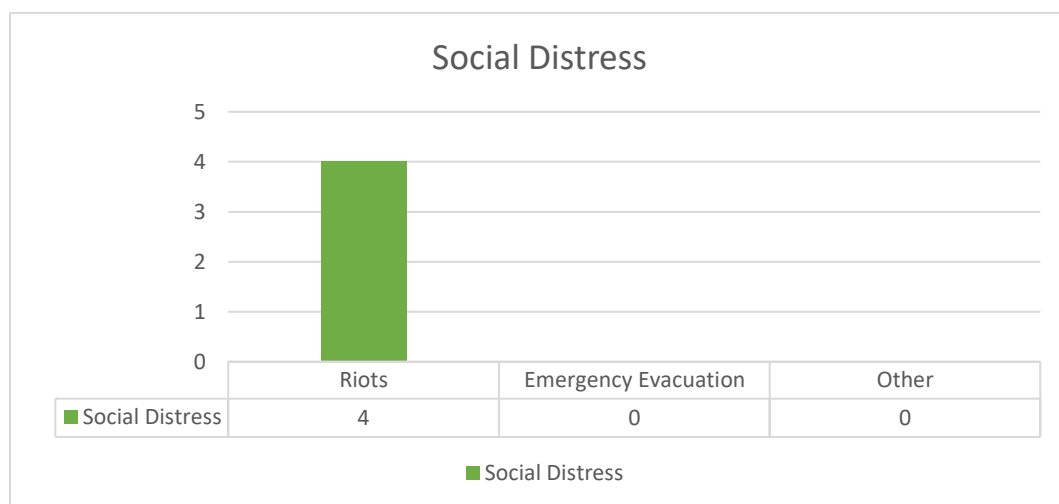


Figure 5: Social distress

The department attended to 4 Social Distress Incidents from 1 July 2021 – 30 June 2022.

12.5.1. The first social distress incident occurred on 25 January 2022. A large crowd gathered in Dreyer Street, Stanford. The crowd started gathering at approximately 18:38. No activities took place during the course of the evening and members from the Directorate: Protection Services remained visible in the area and stood down at Stanford Substation. By 21:45 the crowd fully dispersed.

12.5.2. The second social distress incident occurred on 1 February 2022. SAPS requested the assistance of Law Enforcement and other agencies to assist with a Bundu court situation. Community members were rowdy following a murder which occurred, and wanted to set alight the transgressors possessions. First, the furniture of the transgressor was set alight followed by the house. The unrest was reported at 14h42 and the last crew left the scene at 16h24.

12.5.3. The third social distress incident occurred on 6 April 2022. A crowd gathered in Swartdam Road, Zwelihle as they were not happy with the fact that members from

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Gansbaai were appointed to work on the Karwyderskraal Road Works instead of locals (Zwehlehle). The crowd gathered outside Zwelihle CDC at the time of shift change to prohibit those staff members from doing the shift change. Groups continued to gather outside the CDC but no harm was reported to any member or to the facility.

12.5.4. The fourth social distress incident opened was as a result of the national lockdown on 20 June 2022. No incidents were reported as a result of the lockdown however plans were in place should the unrest spread to Overstrand.

12.6. HAZMAT

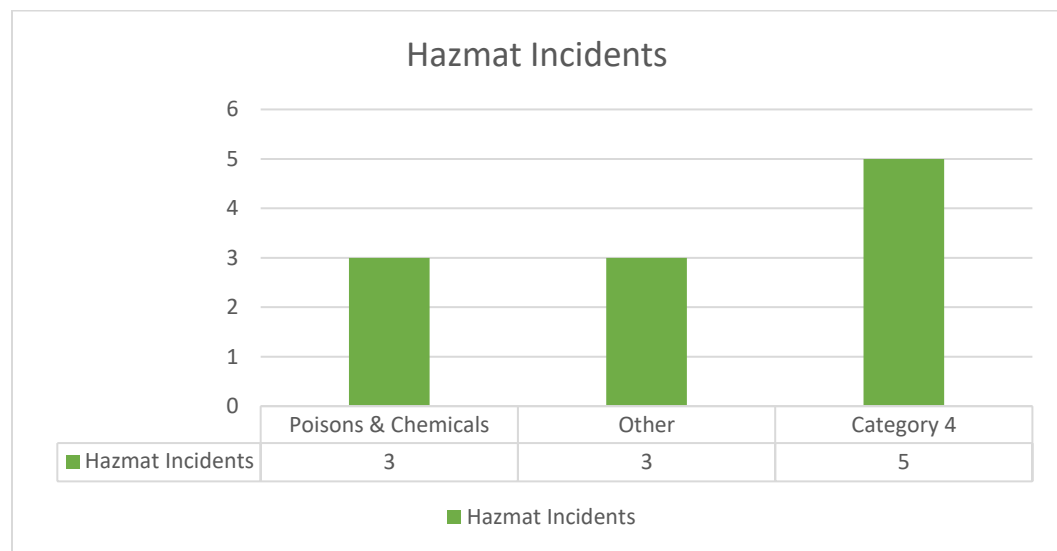


Figure 6: Hazmat

The department attended to 11 Hazmat Incidents from 1 July 2021 – 30 June 2022.

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12.7. For the financial year, the department responded to a total of 42 electrical incidents. These incidents are currently reported on under non-emergency categories. The area is made safe and Eskom is contacted to attend to the incident.

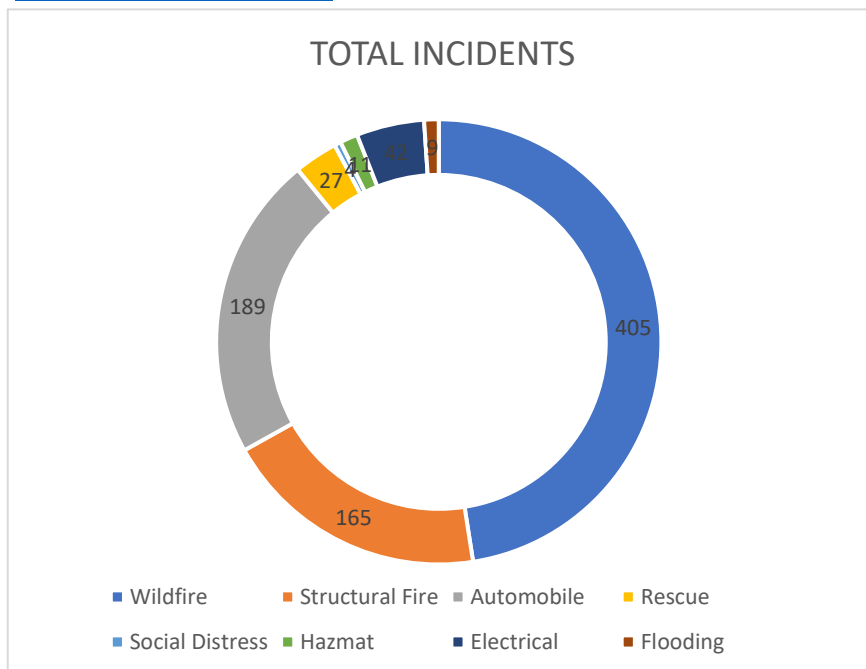


Figure 7: Total incidents

12.8. For the financial year, the department responded and assistant at 9 flooding incidents. These incidents were attended after severe weather warnings were issued. Sandbags were issued to the affected properties for assistance.

12.9. The total incidents attended is thus 852 which is depicted in the figure below. The top three incidents attended were veld fires which accounted for 48% of total incidents, automobile incidents following suite at 22% and structural fires at 19%.

13. COMMOND AND POTENTIAL HAZARDS

The table below indicates the general common and potential hazards:

Table 3: Potential hazards

Hazards	Risk	Vulnerability	Capacity
Fire	Illegal wire connections Shack fires Open fires Paraffin Stove Candles Cigarettes Alcohol abuse Homelessness	Community	Local fire department Volunteer Fire Service
Environmental Health	Garbage bags	Community	Refuge department

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	Clogged drains		Local Fire Department /Street/storms department
	Illegal dumping sites		Local Municipality/Refuge department
	Water/pollution		Local/regional and provincial
	Sanitation		Local Municipality
Technical infrastructure	Insufficient layout storm water pipes	Community	Local Municipality
	Hydrants not at strategic locations	Fire service	Local Municipality
	Electrical substations	Community	Local Municipality
Structural collapse	Houses, shacks, dams	Community, infrastructure	Civil engineering/ Local Municipality and building inspectors
Epidemic disease	Cholera, tuberculosis, lung illnesses	Community	Local clinic/ home base care
Sociological	Poverty	Community	None
	Crime	Community	SAPS
	Alcohol and substance abuse	Community	NGO's
	Unrest	Community	SAPS
	Unemployment	Community	Local government
	Xenophobia	African Nationalist	Local government
	Cultural differences	Community	Local structure, NGO'S

14. RESOURCES

Table 4: Resources

CALL SIGN	REG NUMBER	STATUS	LOCATION	DESCRIPTION	CLASS	Model Year
COMMAND VEHICLES						
Delta 1	CEM 23400	On run	Hermanus	Nissan Navara 2.5 TD LWB 4X4	Mobile Command Vehicle – Disaster Management	2015
CV 1	CEM 44444	On run	Hermanus	Ford Ranger DC 4X4	Mobile Command Vehicle	2018
MAJOR PUMPERS						
Engine 1-1	CEM 37463	On run	Hermanus	Mercedes Benz Ateco 1328	Major Pumper type I	2014
Engine 2-1	CEM 7532	On run	Gansbaai	Iveco (4X4)	Major Pumper type III	2019
Engine 3-1	CEM 10226	On run	Kleinmond	Mercedes Benz Ateco 1328	Major Pumper type III	2009
PUMPERS						
Pump 1	CEM 30714	On run	Hermanus	Toyota Hino 4X4	All Terrain Appliance	2018
Pump 2	CEM 48495	On run	Gansbaai	Isuzu FTS 750	All Terrain Appliance	2019
Pump 3	CEM 2869	On run	Gansbaai	Tata 713C 4X4	All Terrain Appliance	2006
Pump 5		On run	Hermanus	Isuzu FTS 750	All Terrain Appliance	2019

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Pump 6	CEM 1626	On run	Pringle Bay	Mercedes Buffel	All Terrain Appliance	1982
Pump 7	CEM 21426	On run	Kleinmond	Isuzu FTS 750	All Terrain Appliance	2019
SKID UNITS						
Alpha 1	CEM 44284	On run	Hermanus	Toyota Landcruiser	Skid Unit	2018
Alpha 2	CEM 32828	On run	Stanford	Toyota Landcruiser	Skid Unit	2011
Alpha 3	CEM 28939	On run	Kleinmond/ Pringlebay	Toyota Landcruiser	Skid Unit	2019
Alpha 4	CEM 12594	On-run	Gansbaai	Ford Ranger Subercab 2.2 4x4	Skid Unit	2020
Alpha 7	CEM 6556	On-run	Kleinmond	Ford Ranger Supercab 2.2 4x4	Skid unit	2020
SUPPORT VEHICLES						
SV01	CEM 38652	On run	Hermanus	Volkswagen Polo ViVo 1.4	Support Vehicle	2015
SV02	CEM 47688	On run	Control Room	Volkswagen Polo Sedan	Support Vehicle	2019
SV03	CEM 42054	On run	Kleinmond	Nissan NP 300	Utility Vehicle	2017
SV04	CEM 30870	On Run	Hermanus	Ford Ranger Single Cab	Utility Vehicle	2019
SV05	CEM 8219	On run	Fire Safety	Ford Ranger XL 4x2 DC	Support Vehicle	2021
SV06	CAM 13012	On run	Bettiesbay	Nissan Hardbody 2.0 4x2 1-ton LDV	Bakkie Unit	2007
SV07	CEM 42270	On run	Control Room	VW POLO SEDSN	Utility Vehicle	
SV08	CEM 11565	On run	Hermanus	Ford Ranger XL 4x2 DC	Utility Vehicle	2021
SV09	CEM 13116	On run	Safe & Security	Ford Ranger XL 4x2 DC	Utility Vehicle	2021
SV10	CEM 33893	On run	Safety & Security	VW POLO SEDAN	Utility Vehicle	
	CEM 14938	On run		Toyota Hilux 2.7i 4x4	Utility Vehicle	2006
	CEM 23784	On run		Nissan Hardbody NP300 4X4	Utility Vehicle	2011
TRAILERS						
Tango 1	CAM 4600		Kleinmond	Trailer – Rope Rescue		
Tango 2	CAM 4601		Gansbaai	Trailer – Hazmat		
Tango 3	CAM 1266		Gansbaai	Trailer – Portable dam		
Tango 4	CEM 3366		Betty's bay	Trailer- Skid unit		
Tango 5	CEM 25651		Baardskeerdersbos	Trailer -Skid Unit		
Tango 6	CAM 30979		Hermanus	Trailer – SCBA compressor		
NB: Senior Officers must utilize marked municipal vehicles with the necessary radio communication for Command and Control of incidents during major incidents, marked vehicles must also be utilized when communicating with ground resources and aerial support. Municipal or marked vehicles are easily identifiable to the general public. Due to the nature of our inherent fire risk and history of fire related incidents, incident commanders must use municipal vehicles to communicate with other agencies, e.g. WOF, ODM, SAPS, WCEMS etc.						

15. HEALTH CONCERNS

15.1. COVID-19

On 25 March 2020, Dr Nkosazana Dlamini Zuma, Minister of Cooperative Governance and Traditional Affairs, designated under section 3 of the Disaster

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Management Act, 2002 (Act No 57 of 2002), having declared a national state of disaster, published in Government Gazette No. 43096 on 15 March 2020 hereby in terms of section 27(2) of the Disaster Management Act, 2002, after consultation with the Minister of Health, made the regulations in the schedule. The President of South Africa therefore declared a nation-wide lock down in South Africa on Monday 23 March 2020. The nation-wide lock down was enacted in terms of the Disaster Management Act.

Image 1: Summary of alert levels

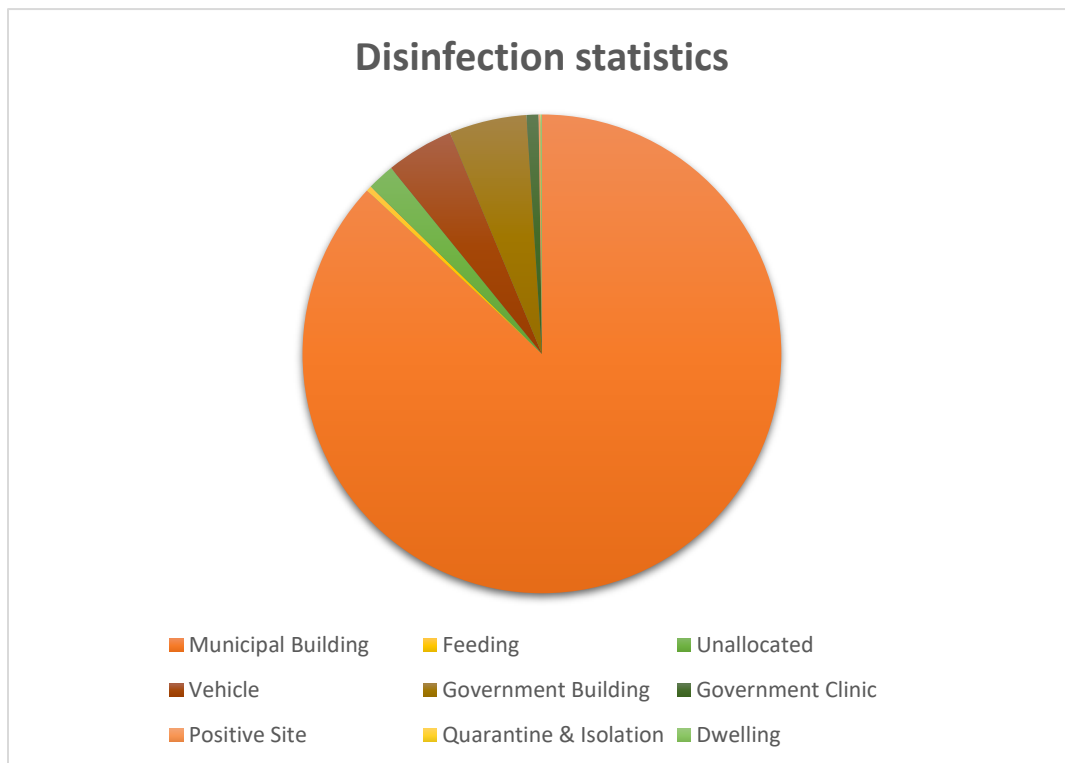
The WHO (World Health Organization) declared Public Health Emergency of

International concern on 30 January 2020, following a pneumonia of unknown cases detected in Wuhan, China on 31 December 2019.

As a result of the nation-wide lock down, the Covid-19 Contingency Plan was established, which must be read in conjunction with the Overstrand Disaster Management Plan.

At the start of the financial year on 1 July 2022 South Africa was in lockdown alert level 4 and steadily declined to alert level 3 on 26 July 2021, alert level 2 on 13 September 2021, alert level 1 on 1 October 2021 to ultimately have the regulations repealed on 5 April 2022.

Below are the activities which disaster management participated in in an attempt to curb the spread of the virus:

DISINFECTIONS*Figure 8: Disinfection statistics*

Disaster Management focused on the disinfection of municipal buildings and other government owned external sites which had high traffic volume (such as clinics, hospitals etc)

To ensure continuity and fairness, a weekly schedule was followed. For the financial year 1 July 2021 – 30 June 2022, a total of 2231 disinfections were conducted

15.2. AVIAN INFLUENZA (HPA) OUTBREAK ALONG THE COAST

A serious outbreak of highly pathogenic avian influenza was detected in wild birds in the Western Cape in May 2021, which mainly affects sea-gulls. HPAI (Highly Pathogenic Avian Influenza) is a highly contagious viral disease of birds with no curative preventative treatment. The colonies that have been affected the worst are Dyer Island (near Gansbaai) and near Veldrift. Careful surveillance was done wherever Cape Cormorants congregated. Mitigation measures included the safe removal of carcasses and sick birds.

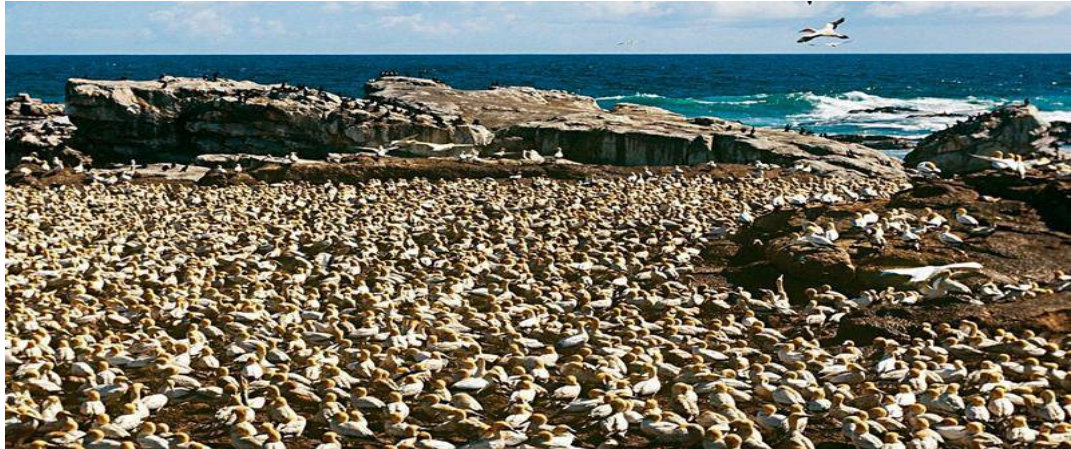


Image 2: Avian influenza

Signs of avian influenza in seabirds include tame behaviour or weakness, or muscle twitches and seizures. Avian influenza poses a very low risk to humans but humans can carry the virus on their hands and clothes and infect other animals. It is therefore necessary to wear disposable gloves, aprons and face protection when dealing with sick animals.

During the peak of the pandemic, all members of the public were urged to avoid the area and not collect the sick or dead birds or even transport them to a veterinary, as even this could aid in spreading the disease. Rather, the Disaster Management Centre was urging the public to be vigilant and report unusual mortalities or abnormal numbers of sick birds to their local conservation authority or veterinarian.

Due to the pathogenicity of the virus it was assumed that all birds could be carriers of the virus, therefore birds were quarantined while samples were sent for laboratory testing, this aided with the spread of the virus and protect the African Penguin chicks and other seabirds which were admitted during this time. Birds who received a negative test were transferred to SANCCOBs (South African Foundation for the Conservation of Coastal Birds) facility.

16. ACTIVITIES OF OVERSTRAND DISASTER MANAGEMENT**16.1. RISK VISITS AND RISK ASSESSMENTS****16.1.1. RISK VISITS**

Risk visits are conducted to enable the members of the department to familiarize themselves with the area/s. Below is a list of risk visits conducted:

Table 5: Risk visits

#	Reference number	Date	Description
1	FS-OFD-210805-01	5 Aug 2021	Afdaksrivier
2	FS-OFD-210812-01	12 Aug 2021	Bosrivier, Stanford
3	FS-OFD-210902-03	2 Sep 2021	Pearly Beach, Stanford
4	FS-OFD-210907-02	7 Sep 2021	Berghof, Onrus River
5	FS-OFD-210908-01	8 Sep 2021	Berghof, Onrus River
6	FS-OFD-210913-01	13 Sep 2021	Berghof, Onrus River
7	FS-OFD-210914-02	14 Sep 2021	Hemel-en-Aarde Valley
8	FS-OFD-210914-03	14 Sep 2021	Berghof, Onrus River
9	FS-OFD-210916-01	16 Sep 2021	Berghof, Onrus River
10	FS-OFD-211004-01	4 Oct 2021	Betty's Bay
11	FS-OFD-211019-02	19 Oct 2021	Farms, Gansbaai area
12	FS-OFD-211021-03	21 Oct 2021	Spookfontein
13	FS-OFD-211103-01	3 Nov 2021	Baardskeerdersbos
14	FS-OFD-211109-02	9 Nov 2021	Camphill Road
15	FS-OFD-211117-01	17 Nov 2021	Gansbaai area
16	FS-OFD-220114-01	14 Jan 2022	De Mond Caravan Park
17	FS-OFD-220210-07	10 Feb 2022	Stanford area
18	FS-OFD-220212-01	12 Feb 2022	Napier area
19	FS-OFD-220216-02	16 Feb 2022	Grootbos
20	FS-OFD-220218-01	18 Feb 2022	Stanford
21	FS-OFD-220224-03	24 Feb 2022	Fisherhaven / Middlevlei
22	FS-OFD-220302-01	2 Mar 2022	Masakhane, Gansbaai
23	FS-OFD-220303-04	3 Mar 2022	Southern Bloom Farm, Gansbaai
24	FS-OFD-220307-02	7 Mar 2022	Chante Clair, Onrus River
25	FS-OFD-220307-04	7 Mar 2022	Gansbaai
26	FS-OFD-220315-06	15 Mar 2022	Checkers Centre, Hermanus (sprinkler test)
27	FS-OFD-220330-04	30 Mar 2022	Walkerbay Fire
28	FS-OFD-220505-03	5 May 2022	Besemhouts kloof Farm, Hermanus
29	FS-OFD-220510-09	10 May 2022	Uilenkraalsmond
30	FS-OFD-220511-03	11 May 2022	Besemhouts kloof Farm, Hermanus
31	FS-OFD-220511-04	11 May 2022	Berghof, Onrus River
32	FS-OFD-220606-01	6 Jun 2022	Highlands area (fire safety complaints)
33	FS-OFD-210722-01	22 Jul 2021	Gansbaai
34	FS-OFD-210722-03	22 Jul 2021	Vermont
35	FS-OFD-210802-01	2 Aug 2021	R43, Stanford
36	FS-OFD-210806-01	6 Aug 2021	Betty's Bay

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37	FS-OFD-210825-01	25 Aug 2021	Betty's Bay, Blesberg
38	FS-OFD-210830-02	30 Aug 2021	Besemhouts kloof Farm
39	FS-OFD-210906-01	6 Sep 2021	Country Fair, Stanford
40	FS-OFD-210916-04	16 Sep 2021	Klipfontein Gansbaai
41	FS-OFD-210917-01	17 Sep 2021	Berghof Estate
42	FS-OFD-210930-01	30 Sep 2021	Camphill
43	FS-OFD-211019-01	19 Oct 2021	Camphill School
44	FS-OFD-211129-02	29 Nov 2021	Kleinmond
45	FS-OFD-211129-03	29 Nov 2021	Berghof, Onrus River
46	FS-OFD-211213-33	13 Dec 2021	Harold Porter Botanical Society, Betty's Bay
47	FS-OFD-211230-02	30 Dec 2021	Fisherhaven
48	FS-OFD-220119-16	19 Jan 2022	Berg 'n See, Brug Street, Eastcliff, Hermanus
49	FS-OFD-220301-01	1 Mar 2022	Grootbos Private Nature Reserve
50	FS-OFD-220412-03	12 Apr 2022	Fernkloof Nature Reserve
51	FS-OFD-220516-03	16 May 2022	Volmoed Trust Retreat, Hemel-en-Aarde Valley
52	FS-OFD-220523-03	23 May 2022	Berghof, Onrus River
53	FS-OFD-220622-17	22 Jun 2022	Fisherhaven
54	FS-OFD-220628-05		

16.1.2. RISK ASSESSMENTS

A risk assessment can be defined as “A methodology to determine the nature and extent of risk by analysing potential hazards and evaluating existing conditions of vulnerability that could pose a potential threat or harm to people, property, livelihoods and the environment on which they depend. The process of conducting a risk assessment is based on a review of both technical features of hazards such as their location, intensity, frequency and probability; and also the analysis of the physical, social, economic and environmental dimension of vulnerability and exposure, while taking particular account of the coping capabilities pertinent to the risk scenarios”.

A Risk Assessment was conducted of the dams in Greater Hermanus area. The dams are Fisherhaven Dam, De Bos Dam and Mosselriver Dam (3 Dams).

16.2. RISK REDUCTION

16.2.1. BURN PERMITS

Disaster Management issued a total of 92 approved burn permits to the landowners within the Overstrand jurisdiction. Refer to the table below:

Table 6: Burn permits

#	Unique Reference	Municipal vs Private	Area	Date of issued
1	FS-OFD-210707-01	Private	Laserena	9 July 2021
2	FS-OFD-21071-05	Private	Perivoli properties	22 July 2021
3	FS-OFD-210719-02	Private	Middelberg	22 July 22 2021
4	FS-OFD-210705-03	Private	Skepgat	29 July 2021
5	FS-OFD-210618-06	Private	Fijnbosch Farm	30 July 2021
6	FS-OFD-210802-02	Private	Leliebosch , Portion 191	11 August 2021
7	FS-OFD-210810-02	Private	Goodwill Mountain	11 August 2021
8	FS-OFD-210816-01	Municipal	Municipal Farm , Erf 585/3	16 August 2021
9	FS-OFD-210816-02	Municipal	Berghof	16 August 2021
10	FS-OFD-210810-03	Private	Nuwejaarsrivier	16 August 2021
11	FS-OFD-210714-02	Private	HCT Properties , Erf 321/17	23 August 2021
12	FS-OFD-210816-04	Private	Volmoed	24 August 2021
13	FS-OFD-210729-02	Private	Haygrove	24 August 2021
14	FS-OFD-210729-03	Private	Heidehof	25 August 2021
15	FS-OFD-210810-01	Private	Benguela Cove	25 August 2021
16	FS-OFD-210830-03	Private	Hangklip	31 August 2021
17	FS-OFD-210903-02	Private	Highlands	3 September 2021
18	FS-OFD-210729-01	Private	Sandford	13 September 2021
19	FS-OFD-210513-01	Private	The Coot Club (2nd application)	14 September 2021
20	FS-OFD-210816-03	Private	Bluegum	18 September 2021
21		Private	Spook Fontein Wines	September 23, 2021
22	FS-OFD-210927-01	Private	Groeneweide	27 September 2021
23	FS-OFD-210922-03	Private	Hartebeeskloof	27 September 2021
24	FS-OFD-211005-04	Private	Waterfalls	28 September 2021
25	FS-OFD-211005-02	Private	White Waters Farm	5 October 2021
26	FS-OFD-211005-04	Private	Waterval	5 October 2021
27	FS-OFD-211007-01	Private	County Fair	7 October 2021
28	FS-OFD-211008-03	Private	Nuwepos	8 October 2021
29	FS-OFD-211008-04	Private	Hasher Family Estate	8 October 2021
30	FS-OFD-211018-01	Private	Wildbreak (Klipdrift farm)	18 October 2021
31	FS-OFD-220322-03	Private	Bosch Heuwel	23 February 2022
32	FS-OFD-210316-02	Private	Grootbos Nature Reserve	1 March 2022
33	FS-OFD-220324-02	Private	Wakkerloop Farm	15 March 2022
34	FS-OFD-220324-02	Private	Wakkerloop Farm	5 April 2022
35	FS-OFD-220425-03	Private	Nuwejaarsrivier	11 April 2022
36	FS-OFD-220421-07	Private	Radynsdam	14 April 2022
37	FS-OFD-220322-03	Private	Bosch Heuwel	20 April 2022
38	FS-OFD-220426-09	Private	Wolwengat	21 April 2022
39	FS-OFD-220421-05	Private	Strandskloof	25 April 2022
40	FS-OFD-220421-02	Private	Rocklands	26 April 2022
41	FS-OFD-220421-03	Private	Vaalvlei	26 April 2022
42	FS-OFD-220421-04	Private	Nooitgedacht	26 April 2022
43	FS-OFD-220421-07	Private	Radynsdam	26 April 2022
44	FS-OFD-220425-03	Private	Nuwejaarsrivier	26 April 2022
45	FS-OFD-220429-01	Private	Modderivier	26 April 2022

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46	FS-OFD-220426-09	Private	Wolwengat	29 April 2022
47	FS-OFD-220429-01	Private	Modderivier	29 April 2022
48	FS-OFD-22516-07	Private	Rooisand	5 May 2022
49	FS-OFD-220516-08	Private	Afdakrivier	5 May 2022
50	FS-OFD-220516-09	Private	Middelberg	5 May 2022
51	FS-OFD-220506-01	Municipal	Besemboshoutskloof Plaas	6 May 2022
52	FS-OFD-220517-01	Private	Linkerhandsgat	6 May 2022
53	FS-OFD-220516-10	Private	Berg & See	6 May 2022
54	FS-OFD-220506-02	Private	Lomond Wine Estate	9 May 2022
55	FS-OFD-220429-02	Private	Zilvermijnbosch	9 May 2022
56	FS-OFD-220421-06	Private	Baardskeerderbos	9 May 2022
57	FS-OFD-220510-10	Private	Paradise Park	10 May 2022
58	FS-OFD-220513-01	Private	Honey Bee Farm	13 May 2022
59	FS-OFD-220517-01	Private	Linkerhandsgat	18 May 2022
60	FS-OFD-220516-08	Private	Afdakrivier	23 May 2022
61	FS-OFD-220523-04	Private	Afdakrivier	23 May 2022
62	FS-OFD-22516-07	Private	Roostrand	27 May 2022
63	FS-OFD-220516-09	Private	Middelberg	27 May 2022
64	FS-OFD-220516-11	Private	Byenskrans	30 May 2022
65	FS-OFD-220530-01	Private	Maanskyenberg	31 May 2022
66	FS-OFD-220602-01	Private	Lagoon Edge	3 June 2022
67	FS-OFD-220531-11	Private	Sanity Farm	6 June 2022
68	FS-OFD-220517-02	Private	Hasher Family Estate	7 June 2022
69	FS-OFD-20607-04	Private	Paardenberg	7 June 2022
70	FS-OFD-220531-13	Private	Melkboschkraal	7 June 2022
71	FS-OFD-220606-02	Private	De Bos	9 June 2022
72	FS-OFD-220606-03	Private	Volmoed	14 June 2022
73	FS-OFD-220608-01	Private	Hangklip Kleinhoewe	14 June 2022
74	FS-OFD-220614-01	Private	Springfontein	14 June 2022
75	FS-OFD-220614-07	Private	Mosaic Lagoon	14 June 2022
76	FS-OFD-220531-10	Private	Haygrove Farm	21 June 2022
77	FS-OFD-220531-12	Private	Lagoon Rock	21 June 2022
78	FS-OFD-220602-04	Private	Laserena	21 June 2022
79	FS-OFD-220608-02	Private	Walshacre	21 June 2022
80	FS-OFD-220610-02	Private	Perivoli Properties	21 June 2022
81	FS-OFD-220614-05	Private	Willodale Farm	21 June 2022
82	FS-OFD-220620-02	Private	Fernkloof	21 June 2022
83	FS-OFD-220610-04	Private	Klipskuur	22 June 2022
84	FS-OFD-220610-01	Private	Panthera Africa	27 June 2022
85	FS-OFD-220627-01	Private	Newton Johnson Vineyard	27 June 2022
86	FS-OFD-210816-01	Private	Berghof	27 June 2022
87	FS-OFD-220628-02	Private	Bagatelle Farm	28 June 2022
88	FS-OFD-220628-03	Private	Groeneweide	28 June 2022
89	FS-OFD-220628-04	Private	Weltevrede	28 June 2022
90	FS-OFD-220628-06	Private	Berg En Dal	28 June 2022
91	FS-OFD-220628-01	Private	Rhtd Properties	29 June 2022
92	FS-OFD-220628-07	Private	Karweyderskraal	30 June 2022

Burn Permit holders must comply with the conditions as set out in the Burn Permit:

1. The fire department must be contacted daily before commencing with the burn;
2. Adequate fire breaks must be made around the perimeter of the area to be burnt;
3. Stack/fuel reduction, agricultural and training burns must be conducted between 06:00 and 16:30 daily and burning material must be extinguished before leaving the site. Burning is subject to weather conditions. Stack / fuel reduction burns are limited between 1 May – 15 October; Agricultural burns from 20 February – September; Training burns are not limited to any month of the year;
4. Prescribed / ecological / biodiversity burning operations have no time constraints but are limited to February, March, April, September, October, November and subject to weather conditions;
5. Permission will be granted in exceptional circumstances under the control and authority of the Fire Department and only under the accepted conditions;
6. Owners are not allowed to burn on Orange or Red (Fire Index) days. Burning is subject to weather conditions;
7. Owners are not allowed to burn on Saturdays and Sundays;
8. Owners may burn on a Friday; only if burning continuously for more than one day. The fire must be extinguished by 12:00 on the Friday;
9. Owners are not allowed to burn on the day before a long weekend;
10. Owners are not allowed to burn on a public holiday;
11. Owners may only burn one heap at a time; if burning heaps;
12. All fires have to be extinguished by 16:30. No burning will be allowed after 16:30. In cases where you are burning huge piles you are allowed to burn through the night.
13. Owners remain responsible for the burning and its consequences and are committed to personnel and equipment numbers as stated on the application. The owner must ensure that all fire breaks are in place before burning. Fires must be monitored for 24 hours until cold.
14. Permit is valid for fifteen (15) work days after approval and date of issue
15. The controlling authorities as mentioned above have the right to suspend or prevent any burning activities should the need arise.

16.2.2. PRESCRIBED BURNS

Disaster Management conducted a total of 12 prescribed burns in conjunction with landowners within the Overstrand jurisdiction. Refer to the table below:

Table 7: Prescribed burns

Ref	Type	Ha	Date	Address
WF-OFD-220627-01	Stack burn	n/a	27-06-2022	Berghof, Onrus River (3 rd burn)
WF-OFD-220621-02	Block burn	1.9	21-06-2022	Fernkloof Nature Reserve, Hermanus
WF-OFD-220608-01	Block burn	54.3	08-06-2022	Nuwepos
WF-OFD-220512-02	Block burn	17.2	12-05-2022	Lomond Wine Estate
WF-OFD-220510-01	Stack burn	n/a	10-05-2022	Besemhouts-kloof Farm (Municipal Farm)
WF-OFD-220412-02	Block burn	20	12-04-2022	Grootbos
WF-OFD-211115-01	Block burn	15.8	15-11-2021	Spoookfontein
VF-OFD-211013-01	Block burn	6.24	13-10-2021	Grootbos
VF-OFD-211007-03	Stack burn	n/a	07-10-2021	Berghof (2 nd burn)
VF-OFD-211007-02	Stack burn	n/a	07-10-2021	County Fair
VF-OFD-210928-01	Stack burn	n/a	28-09-2021	Berghof (1 st burn)
VF-OFD-210915-01	Stack burn	n/a	15-09-2021	Besemhouts-kloof Farm (Municipal Farm)

Of the 12 prescribed burns conducted, 6 were on municipal property, while the other 6 were conducted on privately owned property. For the purpose of this report, only block burns size are calculated. Municipal property on which prescribed burns were conducted are Berghof, Fernkloof Nature Reserve and Besemhouts-kloof Farm.

Prescribed burns are only permitted on days when the FDI (Fire Danger Index) is Blue or Green, when conditions are relatively safe for burning. The recommended period for prescribed burns is between April and October.

Lowveld FDI Description	Colour	Category	Lowveld FDI Precaution
SAFE	BLUE	0 - 20	Low fire hazard. Controlled burn operations can normally be executed with a reasonable degree of safety
MODERATE	GREEN	21 - 45	Although controlled burning operations can be executed without creating a fire hazard, care must be taken when burning on exposed, dry slopes. Keep constant watch for unexpected wind speed and direction changes
DANGEROUS	YELLOW	46 - 60	Controlled burning not recommended when fire danger index exceeds 45. Aircraft should be called in at early stages of a fire.
VERY DANGEROUS	ORANGE	61 - 75	No controlled burning of any nature should take place. Careful note should be taken of any sign of smoke anywhere, especially on the upwind side of any plantation. Any fire should be attacked with maximum force at hand, including all aircraft at the time.
EXTREMELY DANGEROUS	RED	75 <	All personnel and equipment should be removed from the field. Fire teams, labour and equipment are to be placed on full stand-by. At first sign of smoke, every possible measure should be taken in order to bring the fire under control in the shortest possible time. All available aircraft are to be called for without delay.

Image 3: FDI categories

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16.3. DISASTER RESPONSE & RECOVERY

16.3.1. EXTENDED ATTACK WILDFIRE INCIDENTS

16.3.1.1. DADELKOM FIRE: 6 JANUARY 2022

The Dadelkom Fire 2 was reported to the emergency control room on Thursday evening 6 January 2022 at approximately 20h15.

Crew members from Gansbaai and Hermanus responded to the incident and initially struggled to gain access to the fire due to the location which was 1.5km out of Stanford along Die Plaat, which is an isolated area with dense vegetation and limited access. Subsequently crew members only gained access at approximately 23h56.

Overstrand Fire Services requested additional resources which were utilized to make the scene safe, such resources included Cape nature FTE (Full Time Equivalent) and skid units and a water tanker

Following an investigation which was conducted on 8 January 2022 the cause of the fire on 6 January 2022 was determined to be as a result of a camping / cooking fire which spread into the adjoining vegetation where it became out of control. The fire was determined to be made by a group of people who were trespassing on the property for illegal wood harvesting.

The Dadelkom Fire 2 was reported extinguished at 03h00 on 7 January 2022.

16.3.1.2. HIGHLANDS FIRE: 8 JANUARY 2022

The Highlands Fire was reported to the emergency control room on Saturday morning 8 January 2022 at approximately 03h36.

Crew members from Kleinmond Fire Department were initially activated and upon arrival on scene the Senior Standby Officer and ODM were requested to be activated. First arriving member determined that additional resources were required to assist with firefighting.

The wildfire extended to a multi-day wildfire which required additional resources from external agencies. Other agencies which assisted with

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extinguishing the fire include: ODM, goFPA, Cape Nature, WOF, VWS, City of Cape Town,

Following an investigation which was conducted on 15 January 2022 the cause of the fire on 8 January 2022 was determined to be as a result of a camping / cooking fire which spread into the adjoining vegetation where it became out of control. The fire was determined to be made by a group of people who where trespassing on the property for illegal wood harvesting.

During the course of the incident a Code Red was declared on two occasions, namely 8 January 2022 R 23h42 and again on 10 January 2022 at 14h35. At both times, both Overstrand Municipality and Overberg District Municipality with the support of ground teams were conducting active firefighting.



Image 4: Highlands fire

Smoldering as a result of the Highlands Fire still occurred days after the incident. The department took cognizance of the smoldering. The Highlands incident was therefore officially only closed on 25 January 2022.

16.3.1.3. STANFORD FIRE: 31 JANUARY 2022

The Stanford Fire was reported to the emergency control room on Monday afternoon 31 January 2022 at approximately 13h58.

Crew members from Gansbaai and Hermanus were activated and first arriving vehicle immediately requested the Senior Standby Officer to respond to the incident.

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The predicted FDI for the day was “Very Dangerous” and challenges were experienced with hot weather and strong winds. The area is identified as one of the top risks in the Overstrand jurisdiction as it consists of dense vegetation and was making its way to one of the informal settlements in Stanford, namely Die Kop.

Additional resources such as aerial and ground teams were utilized to bring the fire under control.

Firefighting operations continued through the day and crew members commenced with mop-up operations by 19h57 and remained on the scene until 06h00 on Tuesday 1 February 2022.

16.3.1.4. BIRKENHEAD: 12 FEBRUARY 2022

The Birkenhead Fire was reported to the emergency control room on Saturday afternoon 12 February 2022 at approximately 16:00.

Crew members from Gansbaai were activated and the first arriving vehicle requested for additional resources and aerial support. Access to the fire was limited due to the dense vegetation. Crew members were challenged with multiple ignition points.

Additional resources such as aerial and ground teams were utilized to bring the fire under control as three ignition points were presented. The wildfire subsequently extended to a multi-day wildfire .

Following an investigation which was conducted on 13 February 2022 the cause of the fire was undetermined due to a lack of evidence to support the link between the apprehended individual and the individual being responsible for setting the fires alight.

By 14 February 2022 at approximately 16h23 the scene was safe and no flare ups were reported.

16.3.1.5. GROOTBOS : 22 FEBRUARY 2022

The Grootbos Fire was reported to the emergency control room on Tuesday 22 February 2022 at approximately 17h22.

Crew members from Gansbaai were activated and minutes later arrived on scene, followed by crew from Stanford. Upon arrival the fire was already burning out of control. Subsequent to the fire burning out of control, location of the fire, and the fact that it listed as a high risk area, additional crew from both Hermanus and Kleinmond were activated.

Additional resources such as aerial (a full shorty) and ground teams were activated to assist with fire suppression. VWS (Volunteer Wildfire Services) assisted with the creation of a 5m break around the perimeter.

Firefighting operations continued until approximately 19:30 when the fire was brought under control. Crew members remained on scene through the night to monitor the situation and no flare ups were reported. The scene was closed by 23 February 2022.

16.3.1.6. WALKERBAY FIRE: 11 MARCH 2022

The Walkerbay Fire was reported to the emergency control room on Friday 11 March 2022 at approximately 15h00.

Crew members from Gansbaai and Stanford substations were activated and arrived on scene minutes later and activated the Senior Standby Officer. First arriving crew could not access the fire as it was burning on a farm where the gates were locked. The gate chains had to be cut to gain access. At this time, the fire was already burning in thick dense alien vegetation with limited access for firefighting vehicles.

A Huey was activated to assist with fire suppression activities but had to stand down due to strong winds. Alternatively, a Black Hawk was activated to further assist. Other resources which assisted include GoFPA, ODM, Cape Nature, NCC, OWV, VWS, Afri-Fire, Cape Winelands District Municipality, Stellenbosh Municipality and WOF.

During the course of the morning on 12 March 2022, a landowner briefing was held at the ICP (Incident Command Post) where landowners were informed of the expected conditions as the FDI for the area was predicted to be yellow. Landowners and their resources assisted fire suppression activities for the duration of the fire.

A code red was declared on Saturday 12 March 2022 at approximately 12h56 as the fire was steadily heading towards Die Kop Informal

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Settlement. Due to unfavorable weather conditions aerial resources were at times grounded. Aerial tactics also proved fruitless due to the large volume of smoke hanging above the fire line.

An evacuation order was instructed for Die Kop Informal Settlement. Initially the residents of Die Kop neglected to follow the instruction and remained in place. It was only when the fire was visible and in close proximity that the evacuation order was taken seriously. At that point, SANDF assisted with the evacuation. Other areas in the Stanford vicinity were also precautionary evacuated.

Following an investigation which was conducted on 14 March 2022 the cause of the fire was undetermined nonetheless based on the first responder accounts, drone footage and multiple ignition points the opinion is that fires were started with malicious intent.

The wildfire extended to a multi-day extended attack and crew members continued to patrol the area until 25 March 2022, after which the incident was closed.

16.3.1.7. MODDERRIVIER FIRE: 12 APRIL 2022

The Modderrivier Fire was reported to the emergency control room on Tuesday 12 April 2022 at approximately 15h05.

Crew members from Gansbaai Fire Station responded to the crew, with back up arriving from Stanford Substation minutes later. Due to the location and the fact that the fire is in the high risk area, additional members from Hermanus and the Senior Standby Officer was activated. Upon arrival the fire was burning in old, dense vegetation with no access for firefighting vehicles

Aerial support was immediately activated but stood down at the last light. By dusk the fire was still burning out of control in the dense alien vegetation. At that point, the main challenge faced was access to the fire.

Additional resources such as ODM, VWS, Landowners and WOF assisted with firefighting efforts.

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The wildfire extended to a multi-day extended attack and crew members remained at the scene until 14 April 2022; by 16h19 members withdrew and handed the scene over to landowners for further monitoring.

16.3.2. STRUCTURAL FIRES

Of the 165 structural fires attended, disaster humanitarian assistance was provided in 12 instances. The disaster management policy stipulates that “*The Municipality will assist in emergencies when 3 or more households are affected*”. Humanitarian assistance is only provided when disaster management have the necessary items in store to issue the affected individuals.



Image 5: Supplies for assistance

For the financial year 1 July 2021 – 30 June 2022, the following issues were made in support of humanitarian assistance:

Table 8: Humanitarian assistance

Item	Quantity
Blankets	60
Mattresses	133
Pillows	50
Pillow Cases	0
Dignity Pack (Male)	118
Dignity Pack (Female)	130

The humanitarian assistance was provided to the following groups:

Table 9: Affected parties

Female	Male	Children
81	75	59

66 informal dwellings, 2x RDP houses and 3 backyard dwellings were affected by the 12 incidents attended.



Image 7: Overhills night



Image 6: Overhills fire - day

16.4. EDUCATION, TRAINING, PUBLIC AWARENESS & RESEARCH

16.4.1. EVACUATIONS

Whereas the Overstrand Municipality recognizes that the hosting of events is a significant part of its competitive strategy and acknowledges that events have an important role to play in enhancing cultural and social cohesion in communities, support urban rejuvenation and economic growth.

In most situations it is desirable to have a location where evacuees can be directed. These centers should be located and identified as quickly as possible. Recreational, school and church halls are examples of such locations. The ultimate decision to appoint these shelters will rest with the Municipal Manager, Head of Disaster Management or Senior Official in the ICP (Incident Command Post)

Once the desired area of evacuation and the operational perimeter have been established, a plan is necessary to execute the evacuation. This will be dependent

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on resources available and the situation at hand. Personnel from one or several services may be involved in alerting citizens and assisting with evacuations.

Table 10: Evacuations

#	Evacuation area	Date
1	Camphill School	25 May 2022
2	Generations	22 Sept 2021

16.5. DISASTER MANAGEMENT CAPACITY

Overstrand Disaster Management only employs 5 who are appointed on a full time basis, with two admin assistants who are temporarily employed under the EPWP and DOCS programmes.

Table 11: Capacity

Name	Designation
Lester Smith	Senior Manager: Fire & Emergency Services, Disaster Management and Security Services
Yulanda Scholtz	Assistant Chief: Disaster Management and Risk Management and Support Services
Brian Lobb	Divisional Commander
Joan Pillay	Assistant Disaster Management Officer
Sarolyn Coert	Disaster Risk Management Officer