

DISASTER MANAGEMENT SECTOR PLAN

City of uMhlathuze



2021

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MUNICIPAL DISASTER MANAGEMENT SECTOR PLAN

1. STATUS OF MUNICIPAL INSTITUTIONAL CAPACITY

1.1 Municipal Disaster Management Centre

The City of uMhlathuze do have the Disaster Management Centre but is currently depended on fire and rescue services control centre and the uThungulu Disaster Management Centre. The building was bought from the private owner which is now used as a Disaster Management Centre and revamping and refurbishment of the building is budgeted for in order for the building to comply with Disaster Management functions.

1.2 Municipal Disaster Management Policy Framework

The Disaster Management Policy Framework is available and was compiled in terms of section 42 of the disaster management act, (Act 57 of 2002), in line with the National Disaster Management Framework of 2005. The main aim of the framework is to ensure an integrated and uniform approach to disaster management within the City of uMhlathuze by

- Guiding and facilitating the development and implementation of disaster management in the City of uMhlathuze.
- Establishing prevention and mitigation of disaster occurrence within the area of jurisdiction of the City of uMhlathuze.
- Facilitating cross- functional and multi-disciplinary co-operation:
 - Amongst all disaster management role-players in the municipal area.
 - With the district, provincial as well as national disaster management centers.

- Enumerating all role players in disaster management and specify roles and responsibilities.
- Facilitating:
 - The involvement of government, none-governmental organizations, traditional authorities, technical experts and the private sector.
 - Community participation and awareness.
 - Public –private partnership in disaster risk reduction.
- Facilitating and engendering disaster management capacity building within the municipality.
- Guiding the development of a disaster management information system.
- Taking into account research and indigenous knowledge regarding disaster management and where disasters have occurred such knowledge be applied whenever necessary.
- Providing a framework within which funding of all disaster management efforts can take place.
- Providing key performance areas and indicators in order to effectively monitor disaster management efforts and thus engendering a spirit of continuous improvement.

The above must be assessed and made specifically applicable to the City of uMhlatuze prevailing circumstances and requirements.

This disaster management framework, will act as a policy foundation for **what** needs to be addressed through the disaster management efforts in the municipal area and the disaster management plan and its contingencies will specify in more details **how** these requirements and policies are implemented.

1.3 Head of Disaster Management centre

The designated head of Disaster Management Centre was appointed as per the Act

1.4 Municipal Disaster Management Plan

The process of formulating a disaster management plan level 2 was completed and is in stage of adoption, COVID 19 was a delaying factor for its adoption.

1.5 Municipal Disaster Management Inter-Departmental Committee

The internal committees on disaster management is in the process of being established where each internal department will have a representative, the department portfolio committee is functional and sits twice a month normally where even issues of disaster management is being discussed.

1.6 Municipal Disaster Management Advisory Forum

The disaster management advisory forum is functional with an average of +/- 40 members, it sits quarterly and have the extension of industrial planning committee which also sits quarterly before the advisory forum. The functioning of the advisory forum has approved and adopted terms of reference by the council.

2. DISASTER RISK ASSESSMENT

2.1 List of Priority Risks (Hazards)

RISKS	AREAS OF OCCURANCE	FREQUENCY	MAGNITUDE/ IMPACT	EARLY WARNING	CAPACITY	LEVEL OF RISK
Epidemic	Close to the rivers	When there is an	70%	Media, number of		

(Cholera)	and contaminated foreigners with diseases from other countries.	out-break		casualties		
(COVID 19)	In different areas depending on the nature epidemic.	COVID 19 – 2020 to date (It's a global pandemic	Killed more than half a million South African	Symptoms of dry cough, struggling to breath, chest pains, body pains, headache, fatigue, etc.	80% (Declared state of Disaster, lockdown and enforcement of its regulations, awareness's, Hospitals, law Enforcement Agencies	
Civil unrest and Strikes	Esikhaleni, Dlangezwa, Port Durnford, Mabuyeni, Macekane, Gobandlovu	During service interruptions and grievances	Damaging of infrastructure, Economical	Unpredictable	SAPS, Fire and Rescue, Waste Management, Councillors, Municipality	
Veld Fires		Once in a year, 2 or 3 days	60% open field and plantation	SA Weather services, wind speed, dry veld, fire danger index	82% fire services	

Structural Fires	Nseleni, Esikhaleni, Ndabayakhe, Ngwelezane, Dumsani Makhaye	Throughout the year	45% households and other buildings	Load shading, illegal electric connections, unmonitored used of candles	82% fire services	
Vehicle Accidents	N2 and John Ross Highway	Throughout the year		Over speeding, reckless driving, un-road worthy vehicles	Fire services, traffic officers, EMRS, SAPS	
Flooding	Esikhaleni, Nseleni, Mabuyeni, Matshane, Ngwelezane	During heavy rains		Weather services, blocked drains, uncleaned water drainage, water measuring poles	Fire and rescue, Environmental Health, SAPS, EMRS, Agriculture, storm water and rural roads, clinics	
Strong Winds	Matshane, Ndabayakhe, Esikhaleni, Nseleni, Niwe, Empangeni, Richards Bay		70%	Weather services		
Air Pollution	Richards Bay industries, Nseleni, Bay Stone, Filixston	Throughout the year	30%	Smoke, smell, dust		
Illegal Dumping	Richards Bay open velds, Esikhawini,	Throughout the	40%	High grass and tree next to the		

	Nseleni. eMpangeni,	year		settlements		
Draught	Entire uMhlathuze	Severe climate change	78%	Severe heat, dry rivers and dams, no rain		
Crime	House breakings. Rape, Hijackings, Arm robbery	Throughout the year	55%	Level of unemployment and poverty, rate of school leavers and substance abuse, hide away places		

2.2 Hazard Maps



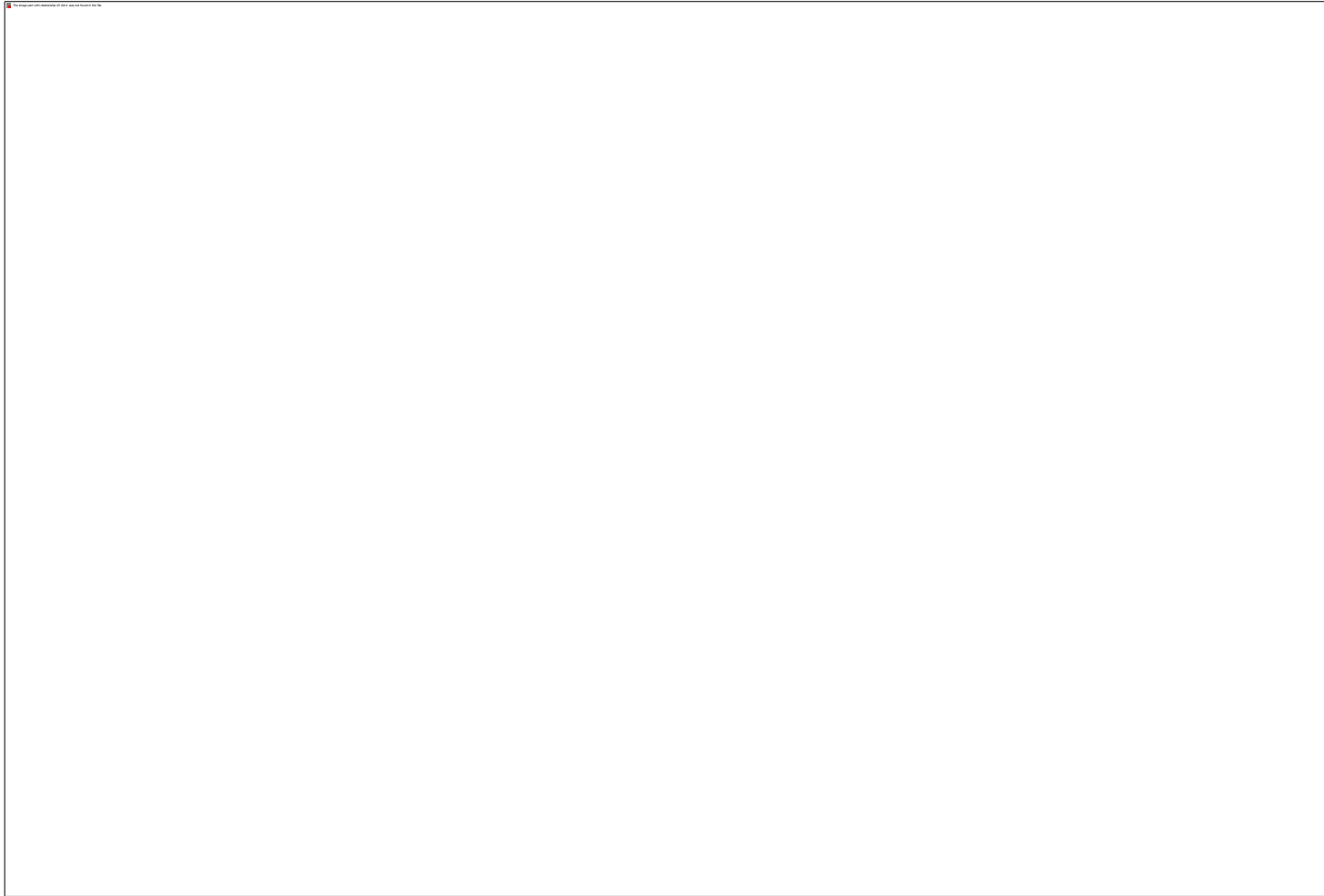
Hazard maps must be produced after considering critical elements of hazards analysis such as probability or likelihood, predictability, magnitude and frequency of hazards.

2.3 Vulnerability Maps



Vulnerability maps must be produced after considering critical factors of vulnerability such as political, social, economic, technological and environmental factors.

2.4 Capacity Maps



Capacity maps must be produced after considering critical factors of capacity such as institutional and management capacity, physical/resource capacity, support network and people capacity and competencies.

2.5 Disaster Risk Rating Maps (Disaster Risk Evaluation Maps)



The map showing the overall disaster risk evaluation for the entire municipality must also be provided. The map must state the level of risk.

3. DISASTER RISK REDUCTION

3.1 Disaster Management Programmes/Projects by Municipality

NAME OF THE PROJECT	BUDGET	TARGETED AREAS	DATE
Fencing of Richem dam		Dumisani Makhaye n uMhlathuze area	
Rehabilitation of eroded land			
Walk for Water			
Illegal Dumping			
COVID 19 Pandemic		Ranks, Public facilities, Municipality buildings,	
Security bikes			
Revamping evacuation halls			
Pedestrian bridges			

3.2 Disaster Management Programmes/Projects by Stakeholders

NAME OF THE PROJECT	BUDGET	TARGET AREAS	DATE
Sappi Bee harvesting training			
DOH COVID 19 Pandemic Program			

3.3 Map Showing Disaster Risk and Reduction Projects linked to budget



For integration purposes a Spatial Development Framework may be used to show disaster risk and areas of expenditure in terms of disaster risk reduction programmes/projects to be rolled-out.

4. DISASTER RESPONSE AND RECOVERY

4.1 Municipal Capacity in terms of Response and Recovery

You may underscore issues of resources and coordination.

4.2 List of relevant stakeholders in Response and Recovery

Industrial Disaster Management Committee

<i>Industry</i>	<i>Representative</i>	<i>Contact Details</i>
<i>uMhlathuze Councillor</i>	<i>L. C. M. Fourie</i>	<i>035 – 907 2889 / 082 435 6271</i>
<i>uMhlathuze Councillor / EMRS</i>	<i>K. Sukreben</i>	<i>035 – 787 6042 / 072 686 2206</i>
<i>SASOL Gas Pipeline</i>	<i>A. Aucamp</i>	<i>079 498 4520</i>
<i>SASOL Gas Pipeline</i>	<i>L. Lauder</i>	<i>079 510 3837</i>
<i>Oilco</i>		<i>035 – 792 4900</i>
<i>Isizinda Aluminium</i>	<i>Z. Shabalala</i>	<i>079 321 6442</i>
<i>Baystevedores</i>	<i>K. Gilbert</i>	<i>083 678 3374</i>
<i>Mondi</i>	<i>L. Erasmus</i>	<i>074 588 4731</i>
<i>Mondi</i>	<i>F. Schmidt</i>	<i>083 675 8356</i>
<i>Mondi</i>	<i>C. Webb</i>	<i>082 405 1088</i>
<i>TNPA</i>	<i>N. Moodley</i>	<i>035 – 905 3335 / 083 310 7854</i>
<i>TNPA Harbour Master</i>	<i>S. Mdlalose</i>	<i>083 318 0298</i>

<i>TNPA Deputy Harbour Master</i>	<i>P. Mkhize</i>	<i>063 296 5066</i>
<i>TNPA</i>	<i>V. Mdlalose</i>	<i>076 305 7629</i>
<i>TNPA</i>	<i>K. Nontswabu</i>	<i>083 555 9681</i>
<i>Transnet Port Terminals</i>	<i>N. Mthembu</i>	<i>060 564 4922</i>
<i>Transnet Port Terminals</i>	<i>J. Pillay</i>	<i>083 284 9019</i>
<i>Transnet Port Terminals</i>	<i>R. Mthembu</i>	<i>083 324 1864</i>
<i>Mhlathuze Water</i>	<i>K. E. Ndlovu</i>	<i>072 989 4940</i>
<i>Mhlathuze Water</i>	<i>M. Zuma</i>	<i>035 – 902 1027</i>
<i>Mhlathuze Water</i>	<i>S. Mgwaba</i>	<i>035 – 902 1000</i>
<i>Mhlathuze Water</i>	<i>M. Mdaba</i>	<i>035 – 902 1108</i>
<i>Mhlathuze Water</i>	<i>S. Sibiya</i>	<i>035 – 902 1064</i>
<i>Mhlathuze Water</i>	<i>B. Kirsten</i>	<i>076 912 4721</i>
<i>Grinrod Terminals</i>	<i>C. D. Lotz</i>	<i>035 – 797 3885 / 083 310 8511</i>
<i>South 32 (Hillside)</i>	<i>J. Kleinhans</i>	<i>083 727 4267</i>
<i>South 32 (Hillside)</i>	<i>P. Stoltz</i>	<i>073 724 6965</i>
<i>South 32 (Hillside)</i>	<i>Y. Chetty</i>	<i>083 273 0894</i>
<i>TWK Agriculture</i>	<i>A. Swarts</i>	<i>035 – 797 5320</i>
<i>Bidvest Tank Terminals</i>	<i>N. Mpanza</i>	<i>035 – 797 6716</i>
<i>Bidvest Tank Terminals</i>	<i>Q. B. Shandu</i>	<i>035 – 797 6716</i>
<i>Richards Bay Minerals</i>	<i>M. Boshoff</i>	<i>035 – 901 4551</i>
<i>Richards Bay Minerals</i>	<i>N. Dladla</i>	<i>035 – 901 3259</i>
<i>Richards Bay Minerals</i>	<i>B. Diallo</i>	<i>+447825943615</i>
<i>Richards Bay Clean Air Association</i>	<i>S. Camminga</i>	<i>083 515 2384</i>
<i>Richards Bay Coal Terminal</i>	<i>D. Fortuin</i>	<i>083 450 6022</i>

<i>Richards Bay Coal Terminal</i>	<i>Z. Mthiyane</i>	<i>060 579 9364</i>
<i>Richards Bay Coal Terminal</i>	<i>S. Shezi</i>	<i>083 795 9644</i>
<i>Totalgaz</i>	<i>N. Ngidi</i>	<i>082 905 4616</i>
<i>Foskor</i>	<i>J. Shongwe-Ntila</i>	<i>083 626 7906</i>
<i>Tongaat Hulett</i>	<i>H. Govender</i>	<i>072 042 6857</i>
<i>Tongaat Hulett</i>	<i>N. Govender</i>	<i>035 – 791 5046</i>
<i>Tongaat Hulett</i>	<i>F. Madikizela</i>	<i>035 – 791 5107</i>
<i>Tongaat Hulett</i>	<i>A. Motshabi</i>	<i>035 – 791 5108</i>
<i>Lafarge Holcum</i>	<i>P. Stockwell</i>	<i>082 321 0369</i>
<i>Lafarge Holcum</i>	<i>D. S. Mhaga</i>	<i>083 621 7624</i>
<i>Transnet Freight Rail Fire</i>	<i>P. P. T. Mahlase</i>	<i>035 – 906 7378</i>
<i>African Portside Services</i>	<i>V. Mnguni</i>	<i>078 064 5121</i>
<i>Transnet Pipeline</i>	<i>N. Mkhize</i>	<i>083 303 6632</i>
<i>Ezemvelo KZN Wildlife</i>	<i>P. Zulu</i>	<i>078 745 7305</i>
<i>Ezemvelo KZN Wildlife</i>	<i>S. D. Ntuli</i>	<i>073 254 0876</i>
<i>uThungulu Disaster Management</i>	<i>S. Kunene</i>	<i>035 – 787 2682</i>
<i>uThungulu</i>	<i>S. Mkhize</i>	<i>082 908 7265</i>
<i>uThungulu Environmental Health</i>	<i>J. Roselt</i>	<i>035 – 787 2682</i>
<i>uThungulu Water and Sanitation</i>	<i>T. Jele</i>	<i>035 – 799 2500</i>
<i>Mpact</i>	<i>M. Odayar</i>	<i>084 505 0038</i>
<i>QS 2000 Plus</i>	<i>F. van der Walt</i>	<i>035 – 753 4184</i>
<i>Tronox</i>	<i>J. Beukes</i>	<i>083 417 0317</i>
<i>Tronox</i>	<i>M. Vlok</i>	<i>083 709 6556</i>
<i>Tronox</i>	<i>H. Pienaar</i>	<i>083 399 3777</i>

<i>Eskom Transmission</i>	<i>J. Sibiya</i>	<i>078 886 0721</i>
<i>uThungulu Environmental Health</i>	<i>J. Roselt</i>	<i>035 – 787 2682</i>
<i>Zululand Chamber of Commerce and Industry</i>	<i>V. Nene</i>	<i>083 434 3041</i>
<i>Zululand Chamber of Commerce and Industry</i>	<i>C. van der Walt</i>	<i>035 – 797 1822</i>
<i>Zululand Chamber of Commerce and Industry</i>	<i>M. Patterson</i>	<i>082 442 9440</i>
<i>Department of Water Affairs</i>	<i>N. Ward</i>	<i>082 808 2721</i>
<i>uMhlathuze Fire and Rescue</i>	<i>A. P. Vumba</i>	<i>035 – 907 5724 / 083 661 2207</i>
<i>uMhlathuze Fire and Rescue</i>	<i>O. M. Makgaka</i>	<i>035 – 907 5731 / 083 661 3045</i>
<i>uMhlathuze Disaster Management</i>	<i>L. E. Dladla</i>	<i>035 – 907 5728 / 072 883 3526</i>
<i>uMhlathuze City Engineers</i>	<i>J. Naidoo</i>	<i>035 – 907 5220 / 083 414 2297</i>
<i>uMhlathuze City Engineers</i>	<i>B. Mbamali</i>	<i>035 – 907 5463 / 083 635 0803</i>
<i>uMhlathuze City Engineers</i>	<i>W. Mkhonza</i>	<i>035 – 907 5211 / 079 594 5499</i>
<i>uMhlathuze City Engineers</i>	<i>T. Dlamini</i>	<i>035 – 907 5956 / 078 206 6688</i>
<i>uMhlathuze Infrastructure and Technical Services</i>	<i>N. Khumalo</i>	<i>035 – 907 5129 / 062 490 7644</i>
<i>uMhlathuze Infrastructure and Technical Services</i>	<i>N. Maharaj</i>	<i>035 – 907 5898 / 083 646 9985</i>
<i>uMhlathuze Infrastructure and Technical Services</i>	<i>D. Mkhwanazi</i>	<i>035 – 907 5957 / 082 427 7867</i>
<i>uMhlathuze Traffic and Security</i>	<i>Z. N. Poswa</i>	<i>035 – 907 5265 / 074 435 7237</i>
<i>uMhlathuze Traffic</i>	<i>M. E. Ndlovu</i>	<i>035 – 907 5613 / 079 447 6093</i>

<i>uMhlathuze Public Safety</i>	<i>T. J. Mabaso</i>	<i>035 – 907 5275 / 073 488 0336</i>
<i>uMhlathuze Public Safety</i>	<i>A. S. N. Buthelezi</i>	<i>035 – 907 5275 / 073 280 6435</i>
<i>uMhlathuze Public Safety</i>	<i>M. Msimongi</i>	<i>035 – 907 5275 / 083 987 8703</i>
<i>uMhlathuze Risk Management</i>	<i>S. Adonis</i>	<i>035 – 907 5194</i>
<i>uMhlathuze Air Quality</i>	<i>G. Gazu</i>	<i>035 – 907 5252</i>
<i>uMhlathuze Air Quality</i>	<i>L. Khumalo</i>	<i>035 – 907 5254</i>
<i>uMhlathuze Waste</i>	<i>J. Mdalose</i>	<i>035 – 907 5674 / 072 623 4242</i>
<i>uMhlathuze Electrical</i>	<i>B. Khanyile</i>	<i>035 – 907 5362 / 074 333 5956</i>
<i>uMhlathuze Electrical</i>	<i>B. Msomi</i>	<i>035 – 907 5934</i>
<i>uMhlathuze Corporate Services</i>	<i>S. Pienaar</i>	<i>035 – 907 5070 / 083 593 6160</i>
<i>uMhlathuze City Development</i>	<i>M. van Rooijen</i>	<i>035 – 907 5414</i>

Advisory Forum Committee

Department / Section / Stakeholder	Representative	Contact Details
<i>uMhlathuze Councillor</i>	<i>M. Zikhali</i>	<i>035 – 907 2889 / 082 435 6271</i>
<i>uMhlathuze Deputy Municipal Manager: Community Services and Health</i>	<i>T. Mathebula</i>	<i>035 – 907 5167 / 076 715 6199</i>
<i>uMhlathuze Deputy Municipal Manager: Infrastructure and Technical Services</i>		<i>035 – 907 5929 / 072 326 2544</i>
<i>uMhlathuze Councillor Support Services</i>	<i>P. Mhlongo</i> <i>J. Aslett</i>	<i>035 – 907 5050</i> <i>035 – 907 5488</i>
<i>uMhlathuze Fire and Rescue</i>	<i>A. P. Vumba</i>	<i>035 – 907 5724 / 083 661 2207</i>
<i>uMhlathuze Fire and Rescue</i>	<i>O. M. Makgaka</i>	<i>035 – 907 5731 / 083 661 3045</i>

<i>uMhlathuze Disaster Management</i>	<i>L. E. Dladla</i>	<i>035 – 907 5728 / 072 883 3526</i>
<i>uMhlathuze City Engineers</i>	<i>J. Naidoo</i>	<i>035 – 907 5220 / 083 414 2297</i>
<i>uMhlathuze City Engineers</i>	<i>B. Mbamali</i>	<i>035 – 907 5463 / 083 635 0803</i>
<i>uMhlathuze City Engineers</i>	<i>W. Mkhonza</i>	<i>035 – 907 5211 / 079 594 5499</i>
<i>uMhlathuze City Engineers</i>	<i>T. Dlamini</i>	<i>035 – 907 5956 / 078 206 6688</i>
<i>uMhlathuze Infrastructure and Technical Services</i>	<i>N. Khumalo</i>	<i>035 – 907 5129 / 062 490 7644</i>
<i>uMhlathuze Infrastructure and Technical Services</i>	<i>N. Maharaj</i>	<i>035 – 907 5898 / 083 646 9985</i>
<i>uMhlathuze Infrastructure and Technical Services</i>	<i>D. Mkhwanazi</i>	<i>035 – 907 5957 / 082 427 7867</i>
<i>uMhlathuze Traffic</i>	<i>M. E. Ndlovu</i>	<i>035 – 907 5613 / 079 447 6093</i>
<i>uMhlathuze Public Safety</i>	<i>T. J. Mabaso</i>	<i>035 – 907 5275 / 073 488 0336</i>
<i>uMhlathuze Public Safety</i>	<i>A. S. N. Buthelezi</i>	<i>035 – 907 5275 / 073 280 6435</i>
<i>uMhlathuze Public Safety</i>	<i>M. Msimongi</i>	<i>035 – 907 5275 / 083 987 8703</i>
<i>uMhlathuze Risk Management</i>	<i>S. Adonis</i>	<i>035 – 907 5194</i>
<i>uMhlathuze Air Quality</i>	<i>G. Gazu</i>	<i>035 – 907 5252</i>
<i>uMhlathuze Air Quality</i>	<i>L. Khumalo</i>	<i>035 – 907 5254</i>
<i>uMhlathuze Waste</i>	<i>J. Mdlalose</i>	<i>035 – 907 5674 / 072 623 4242</i>
<i>uMhlathuze Electrical</i>	<i>B. Khanyile</i>	<i>035 – 907 5362 / 074 333 5956</i>
<i>uMhlathuze Electrical</i>	<i>B. Msomi</i>	<i>035 – 907 5934</i>
<i>uMhlathuze Corporate Services</i>	<i>S. Pienaar</i>	<i>035 – 907 5070 / 083 593 6160</i>
<i>uMhlathuze City Development</i>	<i>M. van Rooijen</i>	<i>035 – 907 5414</i>
<i>Life Garden Clinic</i>	<i>S. Ndlovu</i>	<i>035 – 902 8139</i>

<i>Life Garden Clinic</i>	<i>B. Naudé</i>	<i>035 – 902 8000</i>
<i>Hospice</i>	<i>S. Magagula</i>	<i>072 545 9313</i>
<i>Zululand Business Institution</i>	<i>D. Appel</i>	<i>082 775 0260</i>
<i>Zululand Fire Protection Association</i>	<i>A. Roberts</i>	<i>082 821 7779</i>
<i>Netcare 911 / The Bay Hospital</i>	<i>R. Schouten</i>	<i>072 732 7833</i>
<i>Eskom Transmission</i>	<i>J. Sibiyi</i>	<i>078 886 0721</i>
<i>Richards Bay Clean Air Association</i>	<i>S. Camminga</i>	<i>083 515 2384</i>
<i>uThungulu Environmental Health</i>	<i>J. Roselt</i>	<i>035 – 787 2682</i>
<i>uThungulu Disaster Management</i>	<i>S. P. Kunene</i>	<i>035 – 787 2682 / 078 460 3422</i>
<i>SAPS – Richards Bay</i>	<i>D. Ferreira</i>	<i>083 778 4175</i>
<i>SAPS – Empangeni</i>	<i>V. Naidoo</i>	<i>079 500 0610</i>
<i>Ice Medical Services</i>	<i>N. T. Mohoto</i>	<i>082 659 7277</i>
<i>Ice Medical Services</i>	<i>C. J. Nicholson</i>	<i>081 438 2140</i>
<i>Unizul</i>	<i>R. Lukhele</i>	<i>072 265 4593</i>
<i>Department of Health</i>	<i>K. C. Khumalo</i>	<i>035 – 787 0631</i>
<i>Department of Health</i>	<i>S. P. Hadebe</i>	<i>083 471 0302</i>
<i>Department of Social Development</i>		<i>033 – 264 5400</i>
<i>Department of Human Settlement</i>		<i>033 – 392 6400</i>
<i>Department of Environmental Affairs</i>		<i>035 – 780 6704</i> <i>035 – 792 1624</i>
<i>Department of Correctional Services</i>	<i>S. B. Yaka</i>	<i>035 – 772 2881/ 073 553 1029</i>
<i>Department of Water Affairs</i>	<i>N. Ward</i>	<i>082 808 2721</i>
<i>Department of Agriculture</i>		<i>035 – 780 6700</i>
<i>Department of Labour</i>	<i>T. Mncube</i>	<i>035 – 780 8700</i>

<i>Department of Home Affairs</i>	<i>D. G. Fourie</i>	<i>035 – 780 8028 / 082 906 8367</i>
<i>Road Traffic Inspectorate</i>	<i>N. Ferreira</i>	<i>035 – 787 1464 / 5</i>
<i>KCDM Fire and Rescue</i>	<i>T. Mlambo</i>	<i>035 – 787 2682 / 082 325 0583</i>
<i>State Veterinarian</i>	<i>S. Ramrajh</i>	<i>035 – 789 6405</i>
<i>Red Cross</i>	<i>Mr. Mbambo</i>	<i>035 – 772 1320 / 073 209 0942</i>
<i>SANDF</i>	<i>S. M. G. Mthethwa</i>	<i>035 – 550 6717 / 076 323 6346</i>
<i>Weather Services</i>	<i>S. Colborne</i>	<i>032 – 436 3840</i>
<i>Weather Services</i>	<i>M. Julius</i>	<i>032 – 436 3820</i>
<i>Traditional Leaders</i>	<i>M. Zungu</i>	<i>035 – 907 5437</i>
<i>Community Workers</i>	<i>S. Mdluli</i>	<i>035 – 907 5336</i>
<i>Ezemvelo KZN Wildlife</i>	<i>P. Zulu</i>	<i>078 745 7305</i>

5. INFORMATION MANAGEMENT AND COMMUNICATION

5.2 Early Warning Strategy

- Weather Services Alert
- Emergency Collaboration group
- Bulk SMS system
- Local News Paper
- Local community radio stations and television

6. EDUCATION, TRAINING, PUBLIC AWARENESS AND RESEARCH

6.1 Capacity Building Programmes

Training is planned for the following groups:

Training of 4 traditional council where their roles and significance will be clearly defined in line with the DM Act

Training of Disaster Management Advisory Forums

Training of the municipal council

Training of ward committee members

As part of capacity building, disaster management centre with a full communication system is very important and it forms basis at which the entire disaster management function is based on.

6.2 Public Awareness Campaigns

Communities' awareness campaigns in all wards

Schools awareness campaigns

Joint multi-stakeholders awareness campaigns

6.3 Research

Commissioning of disaster related scientific studies in your Municipality.

7. FUNDING ARRANGEMENTS FOR DISASTER RISK MANAGEMENT

7.1 Funding Raising

Grant funding

Equitable Share