

Priorities for Air Quality Management Fraternity – Free State Province

03 OCTOBER 2016
EMNOTWENI ARENA NELSPRUIT,
MPUMALANGA

NTHABELENG MAHASE



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OUTLINE

- Information Management
- Authorisations
- Strategy development
- Compliance and enforcement
- Conclusion



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INFORMATION MANAGEMENT

- ❑ In terms of reporting and monitoring the Municipal Air Quality officer's as well as stakeholders have attended NAEIS training and were requested to report on the system.
- ❑ The province makes use of National Department reporting systems for reporting purposes.
- ❑ A NAEIS Database for all industries has been developed.



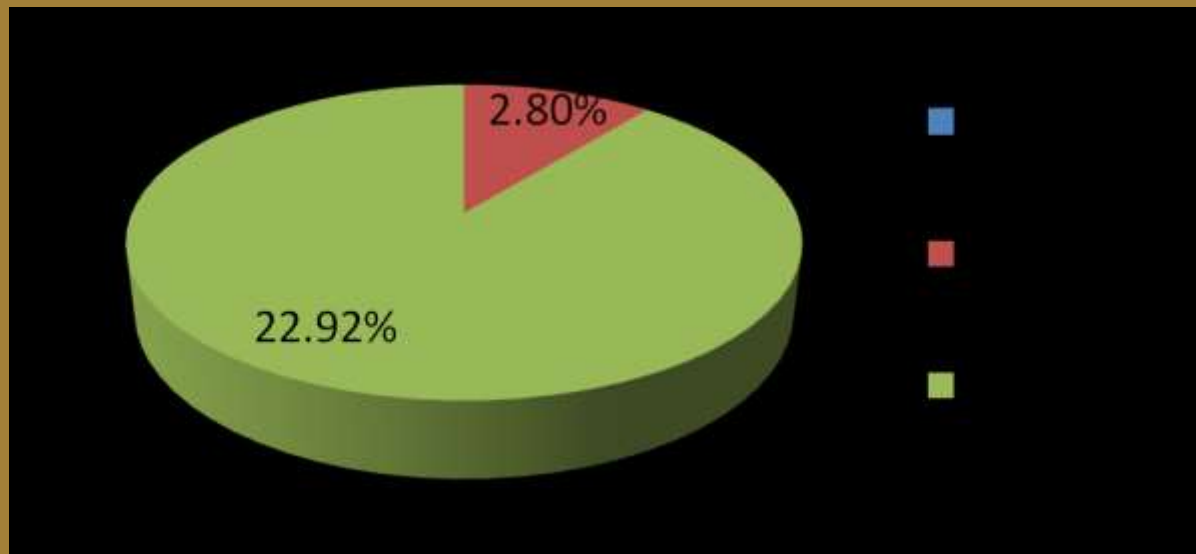
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INFORMATION MANAGEMENT

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- In light of the Provincial statistics on NAEIS implementation only 22.92% of industries submitted their reports on the system and none were reviewed by the competent authorities.



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AUTHORISATIONS

- ❑ District municipalities continue to issue Atmospheric Emission Licenses (AELs) as competent/licensing authorities.
- ❑ In instances where the application for an AEL is subject to EIA requirements then the province handles the EIA part and all is undertaken concurrently.
- ❑ Below is the Provincial Status on Atmospheric Emission Licensing status for the Province;



AUTHORISATIONS CONT....

DATE APPLICATION RECEIVED	APPLICANT	NATURE OF APPLICATION	LISTED ACTIVITY	LICENSING AUTHORITY	STATUS
23 May 2016	Transnet SOC Limited	New Application	Activity 4.10 Foundries	Mangaung Metropolitan Mangaung	Awaiting amendments to the application
19 May 2016	Supa Asphalt	Transfer	Activity 3.3 Tar Production Activity 5.1 Storage & handling of Ore & Coal Activity 5.10 Macadam prep	Mangaung Metropolitan Mangaung	Transfer dealt with Renewal to be done in 2017
5 February 2016	Tanaweb (Pty)Ltd	Tanaweb (Pty)Ltd	Activity 4 sub Category 4.22 Hot Dip Galvanizing	Mangaung Metropolitan Mangaung	Awaiting Payment to issue Provisional license
8 March 2016	Omnia – Danielsrus	New Application – APPA permit	Activity 7.3 Production of Chemical Fertilizer	Thabo Mofutsanyane District Municipality	Pending
January 2016	Omnia Fertilizer, Wesselsbron	Change APPA to NEMAQA	Activity 7.3	Lejweleputswa District Municipality	Pending
February 2016	Roadspan Surfaces, Welkom Plant	NEMAQA	Activity 5.10	Lejweleputswa District Municipality	Issued

- ❑ Only Mangaung Metropolitan Municipality and Xhariep have promulgated by-laws, Fezile Dabi is awaiting council approval. Thabo Mofutsanyana District Municipality and Lejweleputswa do not have municipal by-laws and this due to lack of funding .
- ❑ The compilation of a data base for facilities undertaking listed activities according to section 21, controlled fuels and controlled emitters are ongoing .
- ❑ DESTEA is in the process of appointing a service provider who will be reviewing the Provincial AQMP and conduct a feasibility study on the sitting of the monitoring network.



STRATEGY DEVELOPMENT

❑ Awareness-raising

- ❑ Individual enterprises/industries are visited by Municipal AQOs regarding air quality management, as well as to educate them regarding air pollution and all applicable environmental legislation.
- ❑ Public awareness and campaigns are done through the DESTEA Environmental Empowerment Services unit for schools and communities.
- ❑ Municipalities also distribute air quality awareness raising pamphlets and manuals to the general public and schools.

❑ Standard setting

- ❑ AQA provides setting standards for: Ambient Quality, Listed Activities, Controlled emitters, and controlled fuels
- ❑ The province adheres to National Standards.



- ❑ The province developed Standard Air Quality Management By-laws in 2011.
- ❑ Mangaung Metropolitan Municipality has started with the compilation of an Air Quality Management Plan.
- ❑ For Thabo Mofutsanyana District Municipality a Provincial Task Team will be formed to assist with development of its AQMP at no cost.
- ❑ Lejweleputswa and Fezile Dabi District Municipalities AQMP's are in the process of being reviewed.



COMPLIANCE AND ENFORCEMENT

- ❑ Provincial compliance and enforcement officials are working hand in hand with Municipal Air Quality officers .

- ❑ The following compliance inspections were conducted in the Fezile Dabi District Municipality in conjunction with DEA;
 - Eskom (Lethabo Power Station)
 - Sasol (Sasolburg Operations)

- ❑ Another compliance and enforcement issue reported was with regard to dust at Xhariep District Municipality



CONCLUSION

- ❑ Lessons learned 2005 – 2015:

Air Quality is an interesting and rewarding profession. It is very technical and thus needs full-time attention. It is also legislation-driven and AQO's need to track and implement legislation changes. Attention to detail is important.

- ❑ What we should be doing more or less of:

AQO's must be timeously informed about new legislation and about legislation updates. Legislation must be work shopped so that there is uniformity in implementation. Communication between National, Province and local should be strengthened.

- ❑ What must we do what we have not started doing yet:
Ambient Air Quality Monitoring.



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THANK YOU



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