



VAAL DAM FORUM MEETING

VAAL DAM FORUM MINUTES

16 August 2006

1. Welcome

- Chairperson Welcome everybody and thank Lekwa for the venue as well as Louis for the minutes and agenda

2. Attendees

Name	Organisation
▪ T Rakgotho	DWAF Regional Office
▪ M Daswa	DWAFHead Office
▪ Karen Chetty	Rand Water
▪ Alfonso Niemand	NBA Consulting
▪ Henry Krause	Sasol Oil
▪ Paul Gravett	Sasol Technology
▪ Jurgo van Wyk	DWAFHead Office
▪ Gideon Vosloo	Agri Envirolab
▪ Seef Rademeyer	DWAF NWRP
▪ Piet Kruger	Eskom Grootvlei
▪ Thembinkosi Mavuso	DALA
▪ Vusi Hlatswayo	Lekwa municipality
▪ Juanita v.D Berg	DWAF NWRP
▪ Johan k Louw	Earlybird farm
▪ Sbusiso Duzanane	DWAF WC

3. Apologies

- Didi Masoabi
- Thato
- Korf Stoltz
- Mohlahli
- Ntsoaki

4. Approval of previous minutes

- Approved with the following changes from Freek Schoeman, 5.2 word “being” was repeated.

5. Additions to the Agenda and approval of Agenda

- Point 8 on the agenda removed

6. Matters Arising from previous Minute

5.1. To follow up DWAF.

5.2. Letter from DEAT- Free State was received by Rand Water- comments were given by Rand water.

5.3. Vrede - Nothing to report on.

- No attendance on their side.

7. Presentations

Nature of Business Alliance: for Sasol Oil Standerton

Alfonso Niemand: Apology for being late for the meeting was noted

6.1 Crude Oil purification plant in Standerton-Project.

- Thanked the forum for the purification. Distribution of the project, extract crude oil in Ogies- transport to Standerton. Remove water thru centrifuge process. Water discharge back into the mine at Ogies.
- Storage area- storage tanks at Standerton since 1940's owned by public works and leased by Onmia Chemicals.
- Why Standerton?
 - Infrastructure already in place
 - Transporter already operating
 - Sufficient space
- Advantages- removal of oil storage
 - Investment in Standerton
 - Employment opportunity
- Disadvantages – expensive process
 - Capital intensive
 - Oil is transported by road
- Similar operation in Krugersdorp
Water –120m³/month = 4m³/day

Questions?

- Analysed water Quality
- Monitoring ground and surface water quality
- Storm management

6.2 Water Quality Management.

- Install the separation pit – to capture runoff from plant.
- Install storm water control system.
- Monitoring of ground water by installing a borehole
- Monitoring of surface water

Site is ISO 14001 certified

-Chairperson thanked the presenter

6.3 Eskom Grootvlei PowerStation.

Piet

- Refurbished the plant
- To be commissioned in December with 3units
- Next year with another 3units

6.4 Integrated Water Quality Management Plan

Juanita van der Berg

- Integrated Water Quality Management Plan for Vaal river system
- The study is carried out in three phases
 - The Inception phase
 - Execution phase and
 - Study finalisation phase

8. Water Quality in the VDR Catchment

7.1 Water Quality in the Vaal dam Catchment – DWAF

- All level in dam is high due to water coming from Lesotho- Lowering pH
- Sulphates surprisingly high downstream of Standerton
- Dilution due to Wilge river water- Lesotho Highlands

7.2 Water Quality in the Vaal dam Catchment – Rand Water

- Not much change from last quarter
- Pick up on Alkalinity downstream Vrede, increase in nitrates at Klip river
- Problem of algal Bloom investigated
- Most of the rivers have high flows due to rain couple of weeks

9. DWAF National Water Resources Planning

10. Report back from Municipalities

9.1 Lekwa Municipality Standerton (Vusi Hlatshwayo)

- Power failures are problem and impact on pump station. Currently being sorted out

11. Pollution Incident

- Sewage spills at Standerton due to power failure
- N3 outside Grootvlei – spill alumin “chlorohydrate”

General

- License / Permits and status
- License – table should be put on the minutes and be discussed in the agenda

Next meeting November 15th

Proposal- Next meeting at Grootdraai dam

- To confirm Venue

12. Closure

- Chairperson thanked everybody for attending the meeting and people that gave the presentation.