



*Your complimentary
use period has ended.
Thank you for using
PDF Complete.*

[Click Here to upgrade to
Unlimited Pages and Expanded Features](#)



ORASECOM

Proposed Interlab Procedure for Joint Baseline survey

***24 May 2010
OR Tambo Airport***



Initial steps

- „Start with selection of water quality variables for monitoring
- „Set detection limits for WQ variables
- Decide on sites . Suggest the 12 Trans boundary sites initially
- „Select Labs
- Review labs and decide on how many samples can be taken in, WQ variables that can be analysed, turn around time and reporting.
- Document and train sampling procedures



Water Quality Variables

Monitoring sites	Water quality variables
Caledon and Senqu (6 sites)	pH, EC/TDS, Suspended Solids, Na, Cl, NH ₄ , NO ₃ -NO ₂ , PO ₄ , E-Coli.
Douglas/Orange River (6 sites)	pH, EC/TDS, Total alkalinity, Na, Ca, Mg, K, Cl, SO ₄ , F, NH ₄ , NO ₃ -NO ₂ , PO ₄ , E-Coli.
Vaal Gamagara pipeline	As for Douglas/Orange River but include Free Chlorine.



Laboratories

- “ Lesotho DWA
- “ RSA DWA
- “ Namibia's contracted laboratory
- “ Independent Laboratory . SGS, UIS,
Water Lab

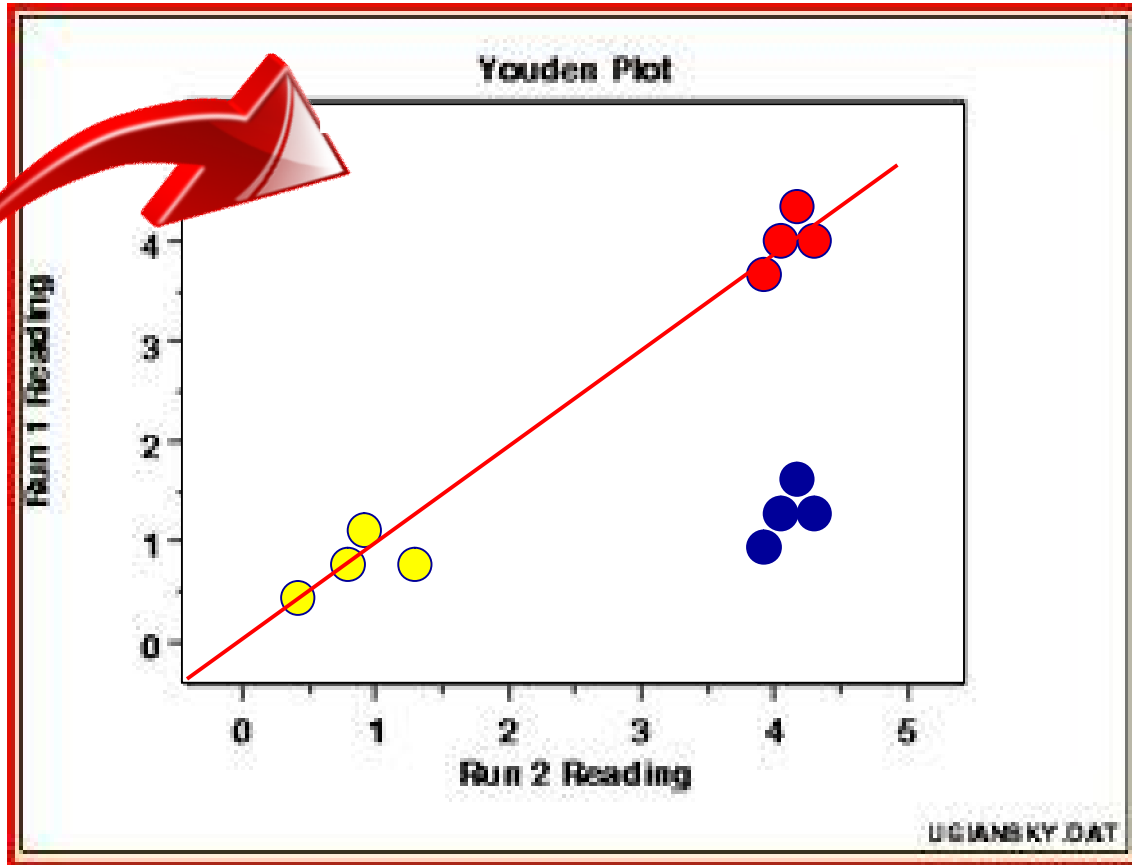


Proposed procedure

- “ All labs participate in assessing the 12 points
- “ Duplicate sample testing for each site . means 24 per lab
- “ Plot out on Youden Plot to compare labs



INTERLEAD TESTING.....





*Your complimentary
use period has ended.
Thank you for using
PDF Complete.*

[Click Here to upgrade to
Unlimited Pages and Expanded Features](#)



ORASECOM

THANK YOU

