[Module 6: GD Criteria 3]

SUBMISSION OF WASTEWATER QUALITY RESULTS

STONE CRADLE, RIETVLEI DAM
27 to 29 June 2012

green drop
CERTIFICATION
waste water service
REGULATION

Presenter: Zanele Mupariwa

water affairs
Department:
Water Affairs
REPUBLIC OF SOUTH AFRICA

8.1 INTRODUCTION CONTENT OF THIS SECTION

❶ Legislative requirement to submit results

❷ Means and tools of submission

❸ Green Drop System Contact Details

❹ Green Drop Requirements

OUTLINE

- 2013 GD Requirements.
- Legislative Requirements
- Means and tools of submission
- Contact Details

(Draft) GREEN DROP REQUIREMENTS 2013
Data Assessment Period: July 2011 to June 2012
South African Wastewater Services Incentive-based Regulation

KPA	Sub-requirement	Weight
1	Process Control, Maintenance and Management Skill	10%
2	Wastewater Monitoring Programme Efficacy	15%
3	Submission of Wastewater Quality Results	5%
4	Effluent quality compliance	30%
5	Wastewater Quality Risk Management	15%
6	Bylaws (Local Regulation)	5%
7	Wastewater Treatment Capacity	5%
8	Wastewater Asset Management	15%
		100%
	Bonuses	***+17% max***
	Penalties	***-5% of total***

3

Submission of Wastewater Quality Results 5%	Proof of **data submission** to DWA (12 months) ▪ *12 months of data submitted to DWA **on the GDS*** ▪ *WSA must ensure that 12 months' sets of results are submitted and recorded on the GDS prior to the assessment. Note: **All compliance results' data required***
	PENALTY: Penalty will apply should wastewater results be available but not captured on GDS
	PENALTY: Penalty will apply should the Department find proof during / post assessment that the WSI is guilty of an offence as per Section 82 of the Water Services Act, by only submitting partial information (on GDS) in order to present a false impression of WWQ Performance and/or compliance.

8. 2 Legislative requirement to submit results

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for DISCHARGING and IRRIGATION

8.2.1 General Authorisation (General or Special Limit)

Source: Revision of general authorisations in terms of section 39 of the National Water Act, 1998 (Act no. 36 of 1998)

EXAMPLE

Example of Conditions:

(3) Subject to paragraph 3.9. (2) above, the water user must submit the following information on a monthly basis to the responsible authority –

(a) the quantity of wastewater discharged;

(b) the quality of wastewater discharged;

(c) details of the monitoring programme/s;

(d) details of failures and malfunctions in the discharge system and details of measures taken, and such information must be made available upon written request to the responsible authority.

8. 2 Continue……

Important

Water Use License (WUL) is site specific

8.2.2 WATER USE LICENSE

Source: License in terms of Chapter 4 of the National Water Act, 1998 (Act no. 36 of 1998)

EXAMPLE

Example of Conditions:

6. REPORTING

6.1 The information required in terms of condition 4 (monitoring points) shall be submitted monthly to the Chief Director, under reference xxxx, within one month of the close of the period concerned.

6.2 Information submitted must be graphically analysed to illustrate trends in the compliance of the effluent with the standards.

8. 2 Continue……

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As a default

8.2.3 General and Effluent Standard Source:

Example of Conditions:

EXAMPLE

(3) Subject to paragraph 3.9. (2) above, the water user must submit the fol information on a monthly basis to the responsible authority –

(a) the quantity of wastewater discharged;

(b) the quality of wastewater discharged;

(c) details of the monitoring programme/s;

(d) details of failures and malfunctions in the discharge system and details of measures taken, and such information must be made available upon written request to the responsible authority.

8.3 Means and tools of submission

The following is expected of Municipalities and other responsible entities to:

- Verify current information on wastewater treatment facilities resorting under their areas of jurisdiction
- Register information on monitoring programmes, laboratories and analyses methods used by the municipality;
- Submit all compliance results in line with the authorisation requirements according to Section 62 (Water Services Act) principles;
- To monitor compliance trends and Cumulative Risk Ratings (CRRs) generated on the GDS continuously.

8.3 Continue…….

"..WSI's must make available, on request by the Department, all original data sheets received from the laboratory – during site inspections, data loaded on the GDS will be confirmed against actual data..."

WSIs have two routes for submitting data to DWA:

- Directly on the Green Drop System.
- Via a LIMS/ any electronic system i.e. eWISA, eWQMS for uploading onto the Green Drop System.

Note: Monthly electronic /hardcopy submission will still be excepted for munics with IT related challenges within their organisations, but plans to address must be in place

8.4 Green Drop System Help Desk Team Contact

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Questions ?