

## **LIST OF DAMS REGISTERED IN TERMS OF DAM SAFETY LEGISLATION**

*The dams in the attached list have been registered in terms of the Dam Safety Legislation (Chapter 12 of the National Water Act, 1998 (Act 36 of 1998) read with Regulations 2, 3 and 37 of the Regulations published in Government Notice R. 139 of 24 February 2012).*

*The Dam Safety Legislation requires that all dams with a storage capacity of **more** than 50 000 cubic metres (m<sup>3</sup>) **and** a wall height of **more** than five (5) metres (m) must be registered as a dam with a safety risk (refer to section 120(1) and 120(2), in Chapter 12 of the NWA, also). The wall height is measured as the vertical difference between the lowest downstream ground elevation on the outside of the dam wall and the **non-overspill** crest level or the general top level of the dam wall (see section 117(c)(i) of the National Water Act, 1998, also).*

*This list of dams is not complete and it is accepted that there may be many dams which comply with the “50 000 cubic metres (m<sup>3</sup>)/five (5) meter (m) criteria” that have not yet been registered by the owners of those dams. The Department will appreciate any information from the public on dams that should be included on the list.*

*Inclusion of a dam on this list must not be construed as confirming compliance or conferring exemption from compliance with the following:*

- *The provisions of Chapter 4 of the National Water Act, 1998 pertaining to the lawful water use of the dam.*
- *The provisions and regulations of Government Notices of the National Environmental Management Act, 1998 (Act No. 107 of 1998) regarding control over activities which may have a detrimental effect on the environment.*

*With respect to mine or industrial residue deposits or tailings dams, they should only be included in the list if the operational storage of “free water” (i.e. water stored on the “upper surface/upper levels” of a industrial residue deposit, or a tailings dam, at any particular time) **exceeds 50 000 m<sup>3</sup>**. This requirement, or any more stringent requirement, must also be clearly specified in the operation and maintenance (O&M) manual and /or Code of Practice for that deposit, or dam, and should be actively enforced throughout the life of the dam. If a industrial deposit or tailings dam is registered in terms of the Dam Safety Legislation it will be classified and the owner of the dam must comply with the requirements of the Dam Safety Legislation.*

*If the residue deposit or tailings dam is part of a mining operation, it must at all times comply with all the applicable legislation administered by the Department of Minerals and Energy. It must also comply with all other requirements of the National Water Act (1998) with respect to the “use of water”.*

## LEGEND APPLICABLE TO THE LIST OF REGISTERED DAMS

### *Province and/or DWAF Region*

1	FS	Free State
2	KN	KwaZulu-Natal
3	GT	Gauteng
4	LP	Limpopo
5	WC	Western Cape
6	MP	Mpumalanga
7	EC	Eastern Cape
8	NW	North West
9	NC	Northern Cape

*Size Classification (In accordance with the table in Regulation 2(1) and (2) of Government Notice R. 139 of 24 February 2012 i.e. the Dam Safety Regulations)*

S	Small
M	Medium
L	Large

*Hazard Potential Rating (In accordance with the table in Regulation 2(3) of Government Notice R. 139 of 24 February 2012 i.e. the Dam Safety Regulations)*

L	Low
S	Significant
H	High

*Sector (related to "ownership" and specifically defined for the purposes of the Dam Safety Office (DSO) database)*

W	Department of Water and Sanitation (DWS) Dams
M	Municipal Dams
A	Agricultural Dams
O	Other Dams e.g. industrial or mine dams
S	State Dams (other than DWS dams)
B	Water Boards