

 **MINISTRY:**

**HUMAN SETTLEMENTS, WATER AND SANITATION**

**REPUBLIC OF SOUTH AFRICA**

**NATIONAL ASSEMBLY**

**QUESTION FOR WRITTEN REPLY**

**QUESTION NO.: 1681**

**DATE OF PUBLICATION: 29 NOVEMBER 2019**

**Mr L J Basson (DA) to ask the Minister of Human Settlements, Water and Sanitation:**

(1) (a) What number of dam safety inspections were conducted by her department in each province in the past two years, (b) on (i) what date and (ii) which dam was each inspection conducted and (c) what were the findings in each case;

(2) what number of dam rehabilitation processes were conducted by her department in each province in the past two years, (b) on what (i) date and (ii) dam was each rehabilitation process conducted and (c) what were the costs of each dam rehabilitation process? NW3076E

 **REPLY:**

1. The number of Dam Safety Evaluations (DSE) conducted by the Department of Water and Sanitation in the past two business years is as follows:
	* 2017/18 - nine (9)
	* 2018/19 - twelve (12)

The table below contains the details with regard to the name of the dams; the date in which the evaluation was conducted by the Approved Professional Person *(APP)*; the date in which the reports were received by the Dam Safety Office (DSO); and the condition rating *(i.e. findings)* if the report was accepted by the DSO.

| **No.** | **Loc No.** | **Province** | **Name of dam** | **Owner Name** | **WMA** | **Size Class** | **Hazard Rating** | **Category** | **Date Last Dam Safety Evaluation (DSE)** | **DSE Received Date** | **DSE Acceptance Date** | **Condition Symbol** | **DSE’s per province** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | Q940/17 | EC | ROXENI DAM | DEPT. OF WATER & SANITATION | 7 | Medium | Significant | 2 | 2019/01/25 | 2019/02/21 | In progress | -  |      **6** |
| 2 | Q930/45 | EC | RURA DAM | DEPT. OF WATER & SANITATION | 7 | Medium | Significant | 2 | 2019/01/24 | 2019/02/21 | In progress | -  |
| 3 | Q930/44 | EC | NQWELO | DEPT. OF WATER & SANITATION | 7 | Medium | Significant | 2 | 2019/01/24 | 2019/02/21 | In progress | -  |
| 4 | Q930/46 | EC | SINQUMENI DAM | DEPT. OF WATER & SANITATION | 7 | Medium | Low | 2 | 2017/09/22 | 2017/09/29 | 2017/10/24 | D |
| 5 | R101/04 | EC | PLEASANTVIEW DAM | DEPT. OF WATER & SANITATION | 7 | Medium | Significant | 2 | 2017/09/20 | 2017/09/29 | 2017/10/17 | B |
| 6 | T201/06 | EC | MABELENI DAM | DEPT. OF WATER & SANITATION | 7 | Medium | Significant | 2 | 2017/09/26 | 2017/09/29 | 2017/11/30 | C |
| 7 | C805/73 | FS | BOTTERKLOOF DAM | DEPT. OF WATER & SANITATION | 5 | Medium | Significant | 2 | 2017/03/30 | 2018/04/24 | 2018/05/04 | B | **1** |
| 8 | B501/13 | LP | LOLA MONTES DAM | DEPT. OF WATER & SANITATION | 2 | Medium | Significant | 2 | 2018/08/27 | 2018/10/26 | 2018/11/30 | B | **3** |
| 9 | A702/43 | LP | MASHASHANE DAM | DEPT. OF WATER & SANITATION | 1 | Medium | Significant | 2 | 2017/07/12 | 2018/09/06 | In progress | -  |
| 10 | B502/25 | LP | MOLEPO DAM | DEPT. OF WATER & SANITATION | 2 | Medium | Significant | 2 | 2017/03/31 | 2017/05/31 | 2017/06/29 | D |
| 11 | B502/23 | MP | CHUNIESPOORT DAM | DEPT. OF WATER & SANITATION | 2 | Medium | Significant | 2 | 2018/05/11 | 2018/11/23 | 2019/01/31 | D | **3** |
| 12 | X302/32 | MP | ACORNHOEK DAM | DEPT. OF WATER & SANITATION | 3 | Medium | Low | 2 | 2017/10/31 | 2017/12/01 | 2017/12/18 | D |
| 13 | B501/14 | MP | MAHLANGU DAM | DEPT. OF WATER & SANITATION | 2 | Medium | Significant | 2 | 2017/07/06 | 2017/07/06 | 2017/07/26 | D |
| 14 | D730/37 | NC | NEUSBERG WEIR | DEPT. OF WATER & SANITATION | 6 | Medium | Low | 2 | 2017/09/08 | 2017/09/29 | 2017/10/06 | B | **1** |
| 15 | A215/47 | NW | MIDDELKRAAL DAM | DEPT. OF WATER & SANITATION | 1 | Small | Significant | 2 | 2017/07/07 | 2018/10/10 | In progress | -  | **4** |
| 16 | A100/02 | NW | NGOTWANE DAM | DEPT. OF WATER & SANITATION | 1 | Medium | Significant | 2 | 2017/10/23 | 2018/09/07 | In progress |  - |
| 17 | A304/18 | NW | SEHUJWANE DAM | DEPT. OF WATER & SANITATION | 1 | Medium | Significant | 2 | 2018/05/24 | 2018/09/06 | 2019/08/07 | C |
| 18 | A303/21 | NW | PELLA DAM | DEPT. OF WATER & SANITATION | 1 | Medium | High | 3 | 2017/06/19 | 2017/10/24 | 2017/10/25 | C |
| 19 | E100/04 | WC | BULSHOEK DAM | DEPT. OF WATER & SANITATION | 9 | Small | Significant | 2 | 2018/01/18 | 2019/03/14 | 2019/04/12 | C | **3** |
| 20 | G100/06 | WC | MISVERSTAND-STUWAL | DEPT. OF WATER & SANITATION | 9 | Medium | Significant | 2 | 2018/01/18 | 2018/10/25 | 2019/01/25 | B |
| 21 | H800/03 | WC | DUIVENHOKS DAM | DEPT. OF WATER & SANITATION | 8 | Large | High | 3 | 2017/09/18 | 2017/10/02 | 2017/10/18 | C |

1. Two dams were rehabilitated namely as follows:
	* Elandsdrift Barrage (Eastern Cape);
	* Kalkfontein Dam phase 1 (Free State).

The table below contains the details with regard to the name of the dams, the date and the cost of rehabilitating the dams:

|  |  |  |  |
| --- | --- | --- | --- |
| **Name of Dam** | **(b)(i) Date** | **(b)(ii) Scope** | 1. **Cost of rehabilitation**
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| Elandsdrift Barrage | September 2016 | **Civil works**: The raising of the Non-Overspill Crest (NOC), Construction of the breaching section, Toe drain, construction of a gauging weir, access road, Construction of an RCC retaining on the downstream of the breaching section. | **R 326 360 725** |
|  **Mechanical Works**: Refurbishment of Outlet works |
| Kalkfontein Dam | September 2017 | * Modification/upgrading of the civil structure of the outlet works in order to accommodate the proposed refurbishment of the mechanical/electrical components.
* The stabilization of the downstream slope of the dam wall.
* The widening and paving of the non-overspill crest to a paved crest width.
 | **R 114 354 706** |