



ADMINISTRATIVE  
RULES OF  
MONTANA

**36.14.602 FIVE-YEAR DAM EVALUATION - VISUAL INSPECTION AND SAFETY EVALUATION ITEMS**

- (1) The visual inspection and safety evaluation must include, but not be limited to:
- (a) review and analysis of previous visual inspection and safety evaluation reports and available data on the design, construction, operation, and maintenance of the dam and its appurtenances;
  - (b) visual inspection of the dam, its appurtenances, the downstream area, and all other areas affected by the structure;
  - (c) evaluation or plan for a full evaluation over no more than a 5-year period of the general conditions of the dam, spillways, and other appurtenances, including an assessment of the hydrologic and hydraulic capabilities, structural stability, and any other conditions that constitute or could constitute a hazard to the integrity of the structure;
  - (d) evaluation of operation, maintenance, emergency, and inspection procedures employed by the owner;
  - (e) analysis of piezometric levels or other data from any instrumentation or monitoring of the dam;
  - (f) review and analysis of the rate and volume of seepage and condition and maximum flow capability of any seepage collection system;
  - (g) review and documentation of the condition of surfaces and vegetation on the crest and slopes of the dam and area beyond the downstream toe of the dam;
  - (h) review of maximum operating water surface elevation and amount of freeboard;
  - (i) review and documentation of the condition of spillways and water level control structures, including all conduits exiting the dams; and
  - (j) other items the engineer determines are necessary to document and determine the safety of the dam.

**Implementing statute(s):** 85-15-213, MCA

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**History:** NEW, 1988 MAR p. 2489, Eff. 11/24/88; AMD, 2022 MAR p. 1849, Eff. 9/24/22.