

## U.S. Bureau of Reclamation Emergency Condition Notification Form

**Date** July 31, 2011 Update

**Time:** 12:00 PM (MDT)

**Facility Affected:** Clark Canyon Dam

**River(s) Affected:** Beaverhead River

### **1. Condition Description**

Inflows into Lima Dam (Owned and Operated by Beaverhead County Red Rock River Water and Sewer District) have peaked and are trending downward. Lima Dam reservoir elevation continues to remain high due to intentional operations to conserve water for the irrigation season.

In coordination with the Corp of Engineers, the Bureau of Reclamation has begun increasing releases at Clark Canyon Dam to begin evacuating water that has been stored in the flood pool during this year's spring runoff season.

In accordance with the Clark Canyon Dam Emergency Action Plan (EAP), reservoir elevations at Lima Dam in excess of 6581.3 place Clark Canyon Dam at an elevated response level requiring notifications to downstream authorities and affected agencies. **This is only a result of Lima Dam reservoir elevations exceeding 6581.3. There are no dam safety related conditions or concerns with Clark Canyon Dam.**

#### Current conditions at Clark Canyon Dam:

- Elevation = 5554.10 (8.0 feet into flood pool, 54.3% of flood control space utilized)
- Storage = 217,294 acre-feet
- Inflow (24-hr avg.) = 400 cfs
- Discharge = 1,000 cfs

#### Current conditions at Lima Dam:

- Elevation = 6581.54 (0.24 feet above uncontrolled spillway)
- Storage = 76,739 acre-feet
- Inflow (24-hr avg.) = 200 cfs
- Discharge = 400 cfs

### **2. Potential River Levels and Times of Arrival**

<u>Beaverhead River Location</u>	<u>Approximate Travel Time</u>
Barrets	4-5 hours
Dillon	10-12 hours
Twin Bridges	30-36 hours

### **3. Actions Taken by Reclamation**

Current Clark Canyon Dam releases are approximately 1,000 cubic feet per second (cfs). Future increases should be anticipated in order to help draft the reservoir and provide irrigation water at Barrett's Diversion while maintaining flows through Dillon at approximately 500 cfs. Reclamation continues to monitor river levels both upstream and downstream of Clark Canyon Dam, as well at conditions at Clark Canyon Dam and Lima Dam and will issue further notifications as conditions warrant.

### **4. Actions Expected of Downstream Agencies**

Downstream agencies should take these reservoir levels and flows combined with existing downstream tributary flows entering the Beaverhead River when determining potential actions.

### **5. For Additional Information**

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### **6. Media Inquiries:**

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