

Chief Joseph Dam – 27 April 2008 Spill Test

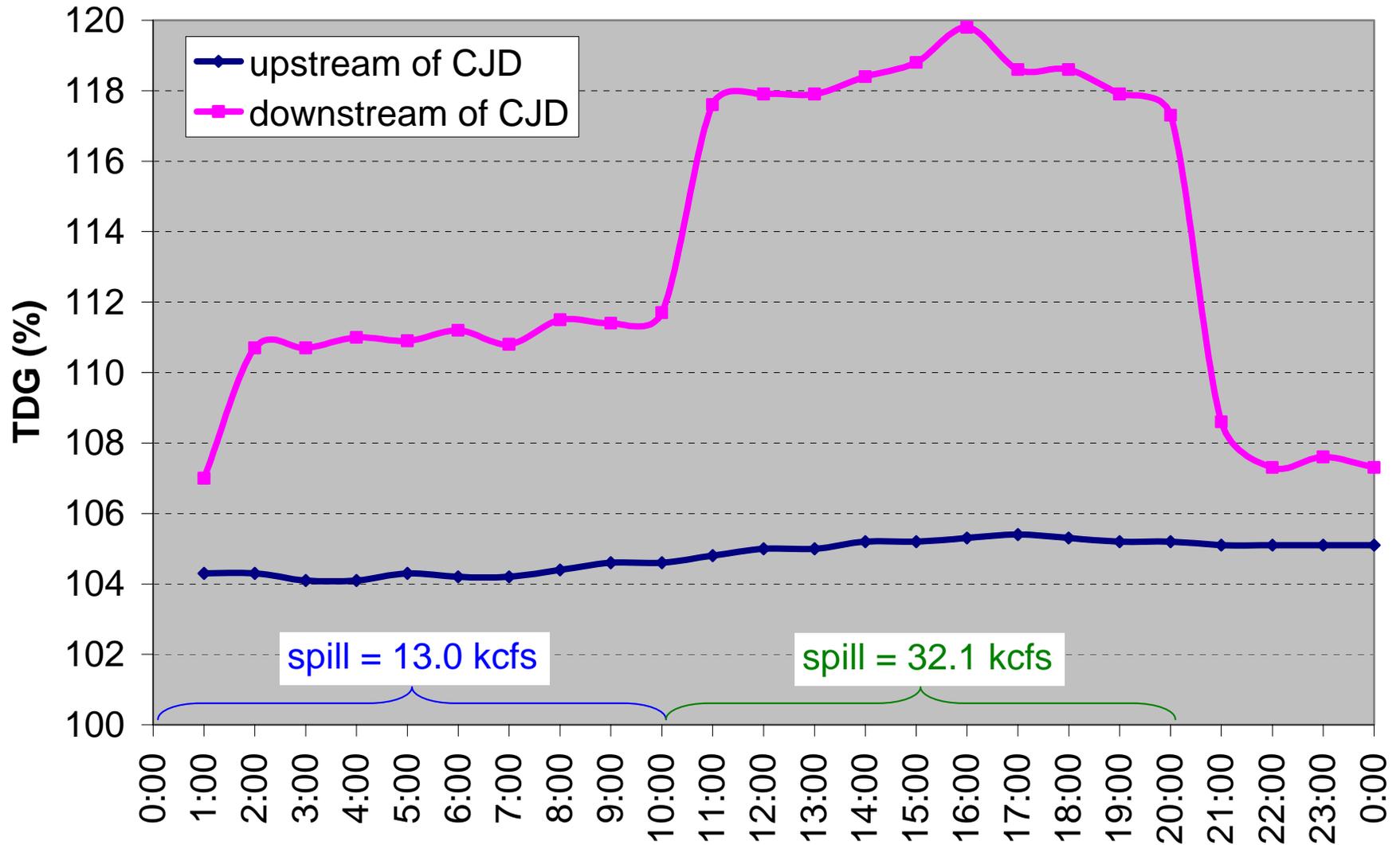
- Spill test lasted 20 consecutive hours. Used two spill bays.
- First ten hours of test (0001-1000 hrs)
 - Avg spill = 13.0 kcfs
 - Powerhouse flow: 51-117 kcfs
 - downstream hourly TDG (at fixed monitoring station): 107% - 111.7%
- Second ten hours (1000-2000 hrs)
 - Avg spill = 32.1 kcfs
 - Powerhouse flow: 125-151 kcfs
 - downstream hourly TDG (at fixed monitoring station): 117.3% - 119.8%

Daily high consecutive 12-hour average TDG = **117.2%**
Peak hourly TDG = **119.8%**

Preliminary data (<http://www.nwd-wc.usace.army.mil/report/tdg.htm>)

CHIEF JOSEPH DAM SPILL TEST (27 April 2008)

preliminary TDG levels from <http://www.nwd-wc.usace.army.mil/report/tdg.htm>



	<u>2007 spill test</u>	<u>2008 spill test</u>
Duration	20 hours	20 hours
time	0600 22 April 2007 – 0200 23 April 2007	0001 27 April 2008 – 2000 27 April 2008
Spillway flow	4 hrs @ 4 kcfs 4 hrs @ 8.4 kcfs 4 hrs @ 13 kcfs 4 hrs @ 22 kcfs 4 hrs @ 31.5 kcfs	10 hrs @ 13 kcfs 10 hrs @ 32.1 kcfs
Powerhouse flow during max spill	73-80 kcfs	125-151 kcfs
CHJ Forebay TDG level	108% - 109%	104% - 105%
Peak Hourly TDG	April 22: 120.1% @ 2400 hrs April 23: 120.1% @ 0100 hrs	April 27: 119.8% @ 1600 hrs
Daily High Consecutive 12-Hour Avg. TDG	April 22: 114.6% @ 2400 hrs April 23: 116.6% @ 0300 hrs	April 27: 117.2% @ 2000 hrs