

EAST FORK OF BOX CANYON
WATERFALL MONITORING

STATION	DATE	FALLS		POOL			PICTURE TAKEN (Y/N)	COMMENTS
		Height (ft)	Width (ft)	Length (ft)	Width (ft)	Depth (ft)		
50yds upstream of EFB-10	10/17/2003	1.7	9.6	13.1	8.0	0.3	Y	Actual Pool starts 2.8 feet below bottom of falls. Water lands directly on sandstone bedrock. Pool bottom covered in sandy sediments. Water flowing over 4.25 feet of lip of falls, not entire width.
EFB-10	10/17/2003	3.1	10.7	10.0	15.3	0.6	Y	Water runs off ledge and into plunge pool. Actual flow width 4.0 feet on east side of falls. Length of pool is limited by large cobbles and gravel at downstream end. Sandy floor to pool. A small spring is located on east side of falls.
EFB-11	10/17/2003	2.4	8.9	10.4	11.5	0.8	Y	Water falls over a thin sandstone bed underlain by shale. Shale has eroded from underneath sandstone in the western half of falls. Water plunges directly into pool filled with loose sand and cobbles. Large cobbles and gravel form the downstream boundary of pond.
50yds upstream of EFB-10	11/10/003	1.7	9.6				Y	Falls are covered with ice that had to be broken away to get measurements. Did not measure pool dimensions because of ice. No changes anticipated since it is not yet in subsidence zone.
EFB-10	11/10/2003	3.1	10.7				Y	As above.
EFB-11	11/10/2003	2.4	8.9				Y	As above.
	11/17/2003							EP: The waterfall monitoring sites and the stream channel widths appeared unchanged. There was approximately 6-8 inches of fresh snow in the canyon and it was snowing moderately during monitoring. Large portions of the stream channel were obscured by ice and/or snow.
	11/24/2003							EP: The waterfall monitoring sites and the stream channel widths appeared unchanged. Large portions of the stream channel were obscured by ice and/or snow. The channel at EFB-11 was partially exposed but no changes in width were noted. The flow in the channel from a few hundred feet upstream of EFB-11 was covered by several inches of ice.
	12/1/2003							EP: Did not observe any changes to the waterfalls or changes in stream channel geometry. 1-3 inches of snow on ground in canyon. Cool day, temperatures near freezing. EFB-10 waterfall was completely frozen.
	12/8/2003							EP: Did not observe any changes to the waterfalls. Clear, cold day, temperatures below freezing and 4-5 inches of new snow on ground in canyon.
	12/15/2003							EP: Did not observe any significant changes to the waterfalls, although some minor cracking was apparent on the canyon wall near EFB-10.
	12/22/2003							EP: Did not observe any significant changes to the waterfalls.
	12/29/2003							Tried to make it up to the East Fork but the snow on the road in Link Canyon was too deep and it became too unreasonable to proceed.

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STATION	DATE	FALLS		POOL			PICTURE TAKEN (Y/N)	COMMENTS
		Height (ft)	Width (ft)	Length (ft)	Width (ft)	Depth (ft)		
	1/5/2004							Tried to make it up to the East Fork but the snow on the road in Link Canyon was too deep and it became too unreasonable to proceed.
	1/14/2004							EP: Did not observe any significant changes to the waterfalls.