

Memorandum

Date: June 02, 2006

To: Tim Luke, Roxanne Brown

From: Bob Foster

Re: Lime Creek / BLM complaint

On May 31, 2006, I made an on-site visit to the Frank Nagy property located in T12N, R20E, S01 in response to an complaint IDWR had received from Alan Bittner, BLM, regarding the lack of stock water, (72-10632), from Lime Creek in a BLM grazing allotment.

The lower 1.5 miles of the Lime creek channel east of HWY 93 is dewatered. It appears that this stretch of Lime Creek flows only at peak high water. I traveled upstream approximately 1.75 miles east of the highway and observed a small amount of water in the Lime Creek channel. This amount of water may be marginally adequate for stock water. Approximately 2 miles up Lime Creek and roughly 200 yards downstream from the Nagy property the Lime creek channel is dry. It appears this stream sinks and then resurfaces a short distance above where I initially observed water in the stream channel.

Approximately 1 mile above the Nagy property Lime Creek passes over the access road. I took a flow measurement at this location. The flow in Lime Creek is .36 cfs at this location. I returned to the Nagy property and observed that seventy-five to eighty percent of the flow in Lime Creek was being diverted into a wildlife pond under water right 72-7532. No further action was taken at that time.

On June 01, 2006, I returned to Nagy property with instructions to close the head gate at the pond inlet. This was done and a warning tag was attached to the head gate along with my business card as well as Roxanne Brown's business card.

prepared 8/3/00 by Hightree

Measurement done by: B. Foster

Location of measurement: Lime Creek approx 3.25 miles NE of HWY 93

Date of measurement: 5/31/2006

**Global Inputs:**

REW value: 1.00

LEW value: 3.10

Space between

readings (ft):

**Note to user:**

**Make entries in cells without shading.**

0 1 means LEW is smaller, 0 means REW is smaller

### 3.1

LEW

Distance from initial point (ft)	width (ft)	depth (ft)	velocity (fps)		area (sf)	discharge (cfs)	remarks		
			at point	mean by vertical					
1.00							REW	14	
1.30	0.30	0.20	0.84		0.06	0.05		15.0	21
1.60	0.30	0.20	0.88		0.06	0.05		16.0	21
1.90	0.30	0.30	1.09		0.09	0.10		17.0	21
2.20	0.30	0.30	1.21		0.09	0.11		18.0	21
2.50	0.30	0.20	0.47		0.06	0.03		19.0	21
2.80	0.30	0.20	0.34		0.06	0.02		20.0	21
3.10							LEW	21.0	21
								22.0	21
								23.0	21
								24.0	21
								25.0	21
								26.0	21
								27.0	21
								28.0	21
								29.0	21
								30.0	21
								31.0	21
								32.0	21
								33.0	21
								34.0	21
								35.0	21
								36.0	21
								37.0	21
								38.0	21
								39.0	21
								40.0	21
								41.0	21
								42.0	21
								43.0	21
								44.0	21
								45.0	21
								46.0	21
								47.0	21
total flow measured (cfs)							0.36		



LIME CREEK CHANNEL 1.5 MILES EAST OF HWY 93



LIME CREEK CHANNEL 100 YARDS BELOW NAGY PROPERTY



LIME CREEK ON QUARTER MILE BELOW HAGY PROPERTY



NAGY HEADGATE



NAGY STRUCTURE AT POND INLET