

NATOMAS
TRAIL
MOUNTAIN
COAL
COMPANY

Mr. Jim Smith
DOGM
State of Utah
SLC,Utah 84114

File
ACT/015/009
Folder No.3
Copy to Pam
Dave D. &
Dave L.

JIM
JUL 15 1983

July 15,1983

Subject: Cottonwood Creek Culvert-Show Cause Order

Dear Mr. Smith:

As a follow-up to Natomas Coal Company's telephone conversation with the Division, please find enclosed the information on the temporary channel diversion at the Trail Mountain Mine. The diversion was necessary due to the high runoff and the inability to keep up the pumping with the high flow.

The culvert was originally scheduled to be installed in Cottonwood Creek by July 27,1983;however, due to unusally high runoff in Cottonwood Creek this year and the lateness of the cresting of the creek, a 60 day extension is requested by the Natomas Coal Company.

Your timely reply in this matter will be appreciated.

Sincerely Your,

Jim Schlenvogt

Jim Schlenvogt
Senior Mining Engineer

July 5, 1983

Memo to Coal File:

RE: Culvert Installation
Natomas Trail Mtn. Coal Co.
Trail Mountain Mine
ACT/015/009, Folder No. 3
Emery County, Utah

Spoke with Jim Schlenvogt, Natomas, RE: the culvert installation at the Trail Mountain Mine. This installation is needed in order to abate the Order to Show Cause issued on February 4, 1983. He is requesting an extension beyond the July 27, 1983 completion date.

I told him that he would have to document why he is unable to perform work as a result of a "natural disaster." He said that he would send documentation of ~~plans~~ and photos.

flows

PAMELA GRUBAUGH-LITTIG
RECLAMATION ENGINEER

pgl

PGL/btb

cc: D. Darby, DOGM ✓
D. Lof, DOGM

7/12/83

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Flow Data:

96" Dia. Culvert - 60 ft. Long

Slope: 5.0 ft. drop in 60 ft. Length

Stream Depth: \approx 0.4 ft. Deep

Stream Width: \approx 4.0 ft. wide

Up stream of 96" in the Cottonwood Creek Channel:

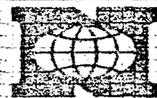
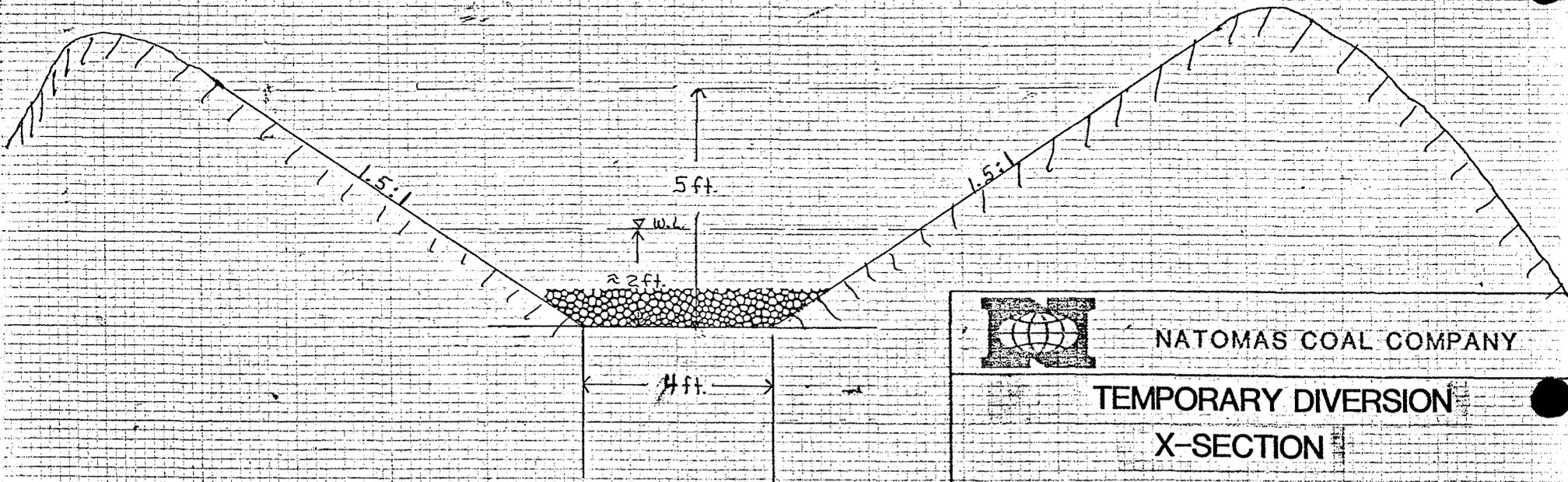
Slope: 2.7 ft. drop in 43 ft.

Avg Width: 6.4 ft.

Avg Depth: 0.72 ft

Bottom Shape: rounded bottom

Sides: \approx 1 1/2 : 1



NATOMAS COAL COMPANY

TEMPORARY DIVERSION
X-SECTION

REVISION	DATE	BY	GEOLOGY BY	ENGINEERING BY	
			BURVEYED BY		
			PREPARED BY	Jim Schlemvogt	7/15/83
			APPROVED BY		
			SCALE		SHEET 1 OF 1
			1" = 2'		DWG. NO.