

SHARONSTEEL • Mining Division

DATA
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AN **(NVE)** COMPANY

SHARON STEEL CORPORATION

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DIVISION OF
OIL, GAS & MINING

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
1588 West North Temple Street
Salt Lake City, Utah 84116

ATTENTION: Mr. Tom Suchoski

Gentlemen:

I appreciate your taking the time, yesterday, to review the hydrologic situation which is developing in the South Fork area of the planned King VI Mine of United States Fuel Company.

Capturing the combined run-off from the newly paved road and the hill-side, keeping said run-off separate from run-off from disturbed areas and delivering it to the south side of the road all make for a complicated design problem. Add to that the stated regulations 817.153, .154, .160 and .163 as they appear in The Federal Register, Vol. 44, No. 50 dated March 13, 1979 and it can appear an almost hopeless task. That was why I wanted to visit with you before I got too far into any design calculations since interpretation of the regulations seemed essential to me before I started.

Determining an acceptable stream flow velocity in the run-off collection ditch was essential to my calculations. Our agreement to 5 ft. per second as a maximum allowable stream velocity in the ditch will become the basis for the ditch design. Water quantities will be determined using the ten-year 24-hour event precipitation depth. The use of rip-rap, stilling basins, dams, etc. will be investigated in the course of design, as methods of maintaining the 5 ft. per second velocity.

I will keep Bob Eccli informed as to what is taking place, and I hope that you will inform the individuals responsible for inspecting environmental systems in the Price, Utah area, so that we all can be of one accord.

Thanks again for your time and information. If I have any other questions, I'll call.

Very truly yours,

Charles J. Jahne
Charles J. Jahne

CJJ:jrs