

*Review Copy***VALLEY CAMP OF UTAH, INC.**

Scofield Route

Helper, Utah 84526

October 11, 1985

**RECEIVED**

OCT 15 1985

DIVISION OF OIL  
GAS & MINING

Mr. Wayne Hedberg  
Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

Re: Cleaning of Sediment Pond No. 4  
Belina Mine Complex

Dear Mr. Hedberg:

To the best of my knowledge, all the Division's concerns, as disclosed in your letter of January 18, 1985, regarding final abatement of N.O.V. No. 84-7-6-1, have been addressed with the exception of items No. 1, 2, and 3 of page No. 1. These items deal with the requirement of the operator furnishing (1) a topographic survey of the pond in its cleaned condition; (2) a stage capacity curve demonstrating adequate capacity to handle the design event; and, (3) certification by a Registered Professional Engineer that the pond has been cleaned (reconstructed) in accordance with the design.

In hopes of finally putting this issue to rest, please find enclosed seven (7) copies of Drawing No. D4-0111 (certified), and seven (7) copies of the new Stage Capacity Curve prepared from the drawing.

The stage capacity curve was prepared by Vaughn Hanson Associated and a copy of their correspondence to me, concerning their work on the pond, is included for your consideration.

Hopefully, this submittal will result in the final abatement of this N.O.V. Should you have further concerns relating to this matter, please contact me.

Sincerely,



Trevor G. Whiteside  
Chief Engineer

TGW/gs

Enclosures

CONSULTANTS / ENGINEERS

**VAUGHN  
HANSEN  
ASSOCIATES**

WATERBURY PLAZA - SUITE A  
5620 SOUTH 1475 EAST  
SALT LAKE CITY, UTAH 84121  
(801) 272-5263

September 24, 1985

RECEIVED

OCT 15 1985

DIVISION OF OIL  
& GAS & MINING

Mr. Trevor G. Whiteside  
Chief Engineer  
Valley Camp of Utah, Inc.  
Scofield Route  
Helper, Utah 84526

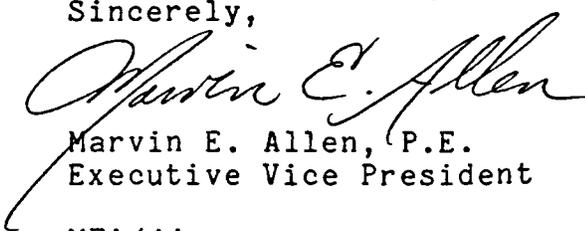
Dear Trevor:

As per your request, we have determined the existing capacity of the Belina Mine Sediment Pond No. 4 from the most recent topography map of the pond dated August 13, 1985. Attached is the stage capacity curve computed for the existing pond layout. As indicated on the stage capacity curve, the available runoff storage volume between the elevation of the decant and the elevation of the invert of the primary spillway is approximately 3 acre-feet. The required runoff storage volume for the 10-year 24-hour precipitation is 3.01 acre-feet. Therefore, the existing pond capacity is adequate to retain the total runoff volume from the 10-year 24-hour precipitation event.

Also documented on the attached curve, the available sediment storage volume below the decant is 5.4 acre-feet. The 60 percent sediment storage volume is therefore 3.2 acre-feet which corresponds to an elevation of 8868 feet.

If you have additional questions or comments, please call.

Sincerely,

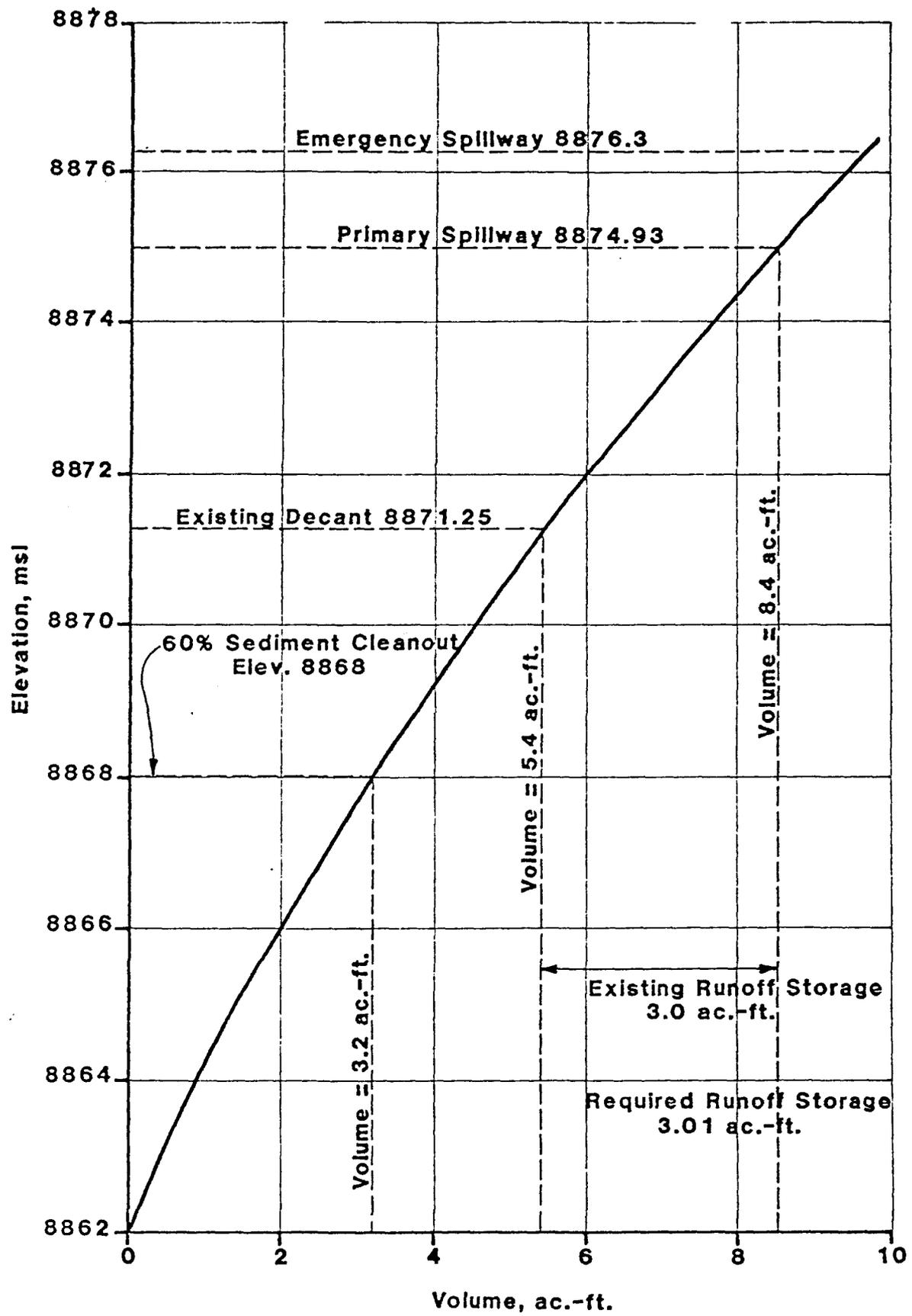


Marvin E. Allen, P.E.  
Executive Vice President

MEA/jd

Attachment

SEP 26 1985



**Sediment Pond No. 4**

**Valley Camp - Belina Mine**