



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Outgoing  
C0070013  
OK  
Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

May 6, 1985

Mr. Walt Swain  
Western Technical Center  
Office of Surface Mining  
Brooks Towers  
1020 Fifteenth Street  
Denver, Colorado 80202

*Slatt*  
Dear Mr. Swain:

RE: Review of Geneva Bond Submittal, Kaiser Steel Corporation,  
Geneva Mine, ACT/007/013, #5, Carbon County, Utah

Attached is a copy of the Division's review comments on  
the Geneva bond submittal of March 29, 1985.

If you have any comments, please call me.

Best regards,

*Pamela Grubaugh-Littig*  
Pamela Grubaugh-Littig  
Reclamation Engineer

btb  
Enclosure  
cc: John Whitehead  
8808R-52



STATE OF UTAH  
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April 11, 1985

*Betty -  
 Please  
 make a copy  
 for Walt (also better)*

Mr. Douglas C. Pearce  
 Kaiser Steel Corporation  
 P. O. Box D  
 Sunnyside, Utah 84539

Dear Mr. Pearce:

RE: Review of Geneva Bond Submittal, Board Order No. 5  
(September 28, 1984), Kaiser Steel Corporation, Geneva  
Mine, ACT/007/013, #5 and #6, Carbon County, Utah

Attached is a copy of the review comments for the Geneva bond submittal of March 29, 1985. Your timely reply to the concerns in the reclamation cost estimated is requested by April 25, 1985. A new bond must be submitted to the Division by May 1, 1985.

If you have any questions, please call me or Pam Grubaugh-Littig of my staff.

Sincerely,

*Lowell P. Braxton*

Lowell P. Braxton  
 Administrator  
 Mineral Resource Development  
 and Reclamation Program

PGL/btb  
 Enclosure  
 cc: Dianne Nielson  
 Ron Daniels  
 Pam Grubaugh-Littig  
 John Whitehead

8808R-42

BOND

Kaiser Steel Corporation  
Geneva Mine  
ACT/007/013, Carbon County, Utah

April 10, 1985

1. There are differences in the volumes of material in the demolition and disposal:

July 31, 1984 - Kaiser Submittal

Brick Buildings and Structures	
Concrete Buildings and Structures	764,415 cf
Steel Buildings and Structures	555,013 cf
Block and Steel	9,990 cf
Railroad Tracks	14,570 cf

August 6, 1985 - Division Estimate

Brick Buildings and Structures	604,511 cf
Concrete Buildings and Structures	
Steel Buildings and Structures	555,013 cf
Block and Steel	9,990 cf
Railroad Tracks	14,570 cf

March 29, 1985 - Kaiser Submittal

Brick Buildings and Structures	609,511 cf
Concrete Buildings and Structures	758,404 cf
Steel Buildings and Structures	506,537 cf
Block and Steel	
Railroad Tracks	13,070 cf

The figures must be clarified. Are the volumes from new information? Maps? Specifications? Please explain.

2. The updated costs for the 1985 Means Costs on annotated pages 15 and 16 are enclosed.
3. The earthwork calculations in the new submittal have different volumes from the July 31, 1984 Kaiser submittal. Please explain.
4. The rock tunnel was deleted from the list of portals to be sealed. Why?
5. Total Amount of Seed, PLS/lb in dollars is low @ \$8.00. Please demonstrate how the \$8.00 was derived?
6. The monitoring costs for erosion must include one piece of equipment one day per year (a D-6).
7. The hydrologic monitoring includes five ponds while the sedimentation pond section of the submittal includes nine ponds. This inconsistency must be clarified and the correct amount included in the monitoring costs.
8. It is unlikely that one man day per quarter for monitoring 50 acres of vegetation is adequate. The cost of more days of vegetational monitoring is required.
9. A 10 percent contingency must be included and added to the final amount.

#### REFERENCES

- (1) - \$0.21
- (2) - \$0.15
- (3) - \$0.16
- (4) - \$0.16
- (5) - \$0.16
- (6) - \$11.90
- (7) - \$0.84
- (8) - \$0.24
- (9) - \$1.09
- (10) - \$0.35
- (11) - \$0.76
- (12) - \$1.37
- (13) - \$1.38
- (14) - \$1.60
- (15) - \$3.42
- (16) - \$2.74
- (17) - \$10.05
- (18) - \$128.30/hr

(19) - \$88.20/hr  
(20) - \$90.55  
(21) - \$1.02  
(22) - \$4.56  
(23) - \$29.25  
\$22.20  
\$22.40  
\$29.25  
\$27.55  
\$23.20  
\$22.90  
\$24.10

References

- (1) Means (1) 2.3-250-0100 Concrete demolition & disposal,  
1985 \$0.21
- (2) Means 2.3-250-0 Steel demolition & disposal,  
1985 \$0.15
- (3) Means 2.3-250-0200 Masonry demolition & disposal,  
1985 \$0.16
- (4) Means 2.1-250-0800 Wood demolition & disposal,  
1985 \$0.16
- (5) Means 2.1-250-0300 Demolition, mixture of types,  
1985 \$0.16
- (6) Means 2.3-250-3500 Railroad track removal, \$11.65 - 11.90  
1985
- (7) Means 2.3-160-1650 Loading, \$0.83 1.84/1985
- (8) Means 2.3-370-1100 Ripping, 300 hp/cy, \$0.23 (1.24-1985)
- (9) Means 2.3-370-3250 Ripping, 300 hp, 300' haul,  
\$1.08 1.09-1985
- (10) Means 2.3-163-5020 Haul 50', 300 hp, common  
earth, \$0.34 (.35-1985)
- (11) Means 2.3-163-5220 Haul 150', 300 hp, common  
earth, \$0.75 (.76-1985)
- (12) Means 2.3-163-5420 Haul 300', 300 hp, common  
earth, \$1.35 1.37-1985
- (13) Means 2.3-300-0310 Haul 1/4 mi round trip, \$1.36 1.38-1985
- (14) Means 2.3-300-0320 Haul 0.5 mi round trip,  
12 cy dump, \$1.57 (1.60-1985)
- (15) Means 2.3-300-0100 Haul 2 mi round trip, 6 cy,  
\$3.36 3.42-1985
- (16) Means 2.3-300-0450 Haul 3 mi round trip,  
12 cy dump, \$2.69 (2.74-1985)

- (17) Means 2.3-300-0550 Haul 10 mi round trip,  
12 cy dump, \$9.90 *10.05-1985*
- (18) Dataquest (2) 10-15 *OK* Excavator, CAT 255, \$128.30/hr
- (19) Dataquest 9-7 *OK* Grader, CAT 120 G Motor,  
\$88.20/hr
- (20) Dataquest 21-19 *OK* Bucket, Eimco 911, 1 yd,  
\$76.75 hourly + \$13.80  
operating cost = \$90.55
- (21) Means 2.3-081-5680 Compactor, sheeps foot roller,  
8" lifts, 2 passes, \$0.99 *1.02-1985*
- (22) Means 4.3-270-1600 Blocks, solid 8" x 8" x 16",  
purchase and install, \$4.36 *4.56-1985*
- (23) Means (3) (4) Labor Rates
- |                    |         |
|--------------------|---------|
| Skilled Workers    | \$29.25 |
| Ave. Helper        | 22.20   |
| Building Labor     | 22.40   |
| Equipment Operator |         |
| Medium             | 29.25   |
| Light              | 27.55   |
| Truck Driver       |         |
| Heavy              | 23.20   |
| Light              | 22.90   |
| Wrecking           | 24.10   |

- (1) All Means references refer to the following reference unless otherwise noted.  
Robert Snow Means Co., Inc. 1984. Means Site Work Cost Data. Third Annual Edition.
- (2) Dataquest Incorporated. 1984. Rental Rate Blue Book. Dataquest Inc.
- (3) Robert Snow Means Co., Inc. 1984. Means Building Construction Cost Data. 42nd Annual Edition.
- (4) A number of citations were used in obtaining these labor rates.