# TRACKING FORM

## I. KEY FEATURES OF PERMITTEE'S AMENDMENT APPLICATION

| Permittee | Mine Name | Amendment # | Date Received / By Whom |
|---|---|---|---|
| PacifiCorp | Trail Mountain | ACT/015/009-96H | 9-24-96 USMaD |

Proposal: Noncoal Waste Storage Area Designation

Description: to allow relocation of the non-coal waste storage area at the Trail Mtn Mine.

## II. AMENDMENT CLASSIFICATION

| | | | |
|---|---|---|---|
| ☐ Major Amendment | Public Notice Required | ☐ Yes | ☑ No |
| ☑ Minor Amendment | Outside of Permit Area | ☐ Yes | ☑ No |
| | Outside of Disturbed Area | ☐ Yes | ☑ No |

## III. SUMMARY OF DOGM PROCESSING DATES

| | | FOLLOWUP REQUIREMENTS | | |
|---|---|---|---|---|
| Reviews Completed | 10/18/95 | | | |
| Approved Effective | 10/24/95 | MRP "After Const" Documents | ☑ Yes | ☐ No |
| Disapproved | N/A | TA | ☐ Yes | ☑ No |
| Mailed | | CHIA | ☐ Yes | ☑ No |
| Filed MRP - SLO | | Responds Within 15 days of Receipt? ☐ Yes ☐ No<br>If no, explain below. Contacted with 15 days, but completed within 25 days. | | |

## IV. COORDINATED REVIEWS

| EXTERNAL AGENCIES (Mine Specific) (Adverse Comments, If Any, Include in Item V) | | | DOGM REVIEWS/DISCIPLINES | | |
|---|---|---|---|---|---|
| | COPY SENT | CONTACTED | | | |
| OSM | ☐ Y ☐ N | ☐ C ☑ N/A | Generalists WBM | ☑ Yes | ☐ N/A |
| BLM | ☐ Y ☐ N | ☐ C ☑ N/A | ____ INTERDISCIPLINARY APPROACH | | |
| US Forest Service | ☐ Y ☐ N | ☐ C ☑ N/A | - Administrative ____ | ☐ Yes | ☐ N/A |
| US Fish & Wildlife | ☐ Y ☐ N | ☐ C ☑ N/A | - Biology ____ | ☐ Yes | ☐ N/A |
| US National Parks | ☐ Y ☐ N | ☐ C ☑ N/A | - Engineering ____ | ☐ Yes | ☐ N/A |
| UT Environmental Quality | ☐ Y ☐ N | ☑ C ☐ N/A | - Geology ____ | ☐ Yes | ☐ N/A |
| UT Wildlife Resources | ☐ Y ☐ N | ☐ C ☑ N/A | - Hydrology ____ | ☐ Yes | ☐ N/A |
| UT State History | ☐ Y ☐ N | ☐ C ☑ N/A | - Soils ____ | ☐ Yes | ☐ N/A |
| UT Water Rights | ☐ Y ☐ N | ☐ C ☑ N/A | - Permitting ____ | ☐ Yes | ☐ N/A |
| UT SITLA | ☐ Y ☐ N | ☐ C ☑ N/A | - Other ____ | ☐ Yes | ☐ N/A |
| Other ____ | ☐ Y ☐ N | ☐ C ☐ N/A | | | |

## V. FOOTNOTES/ADDITIONAL EXPLANATION AS NECESSARY

This non-coal waste amendment was generated by NOV 96-26-2-1. It required PacifiCorp to carry out necessary abatement which included alternative storage sites to improve the handling and storage of non-coal waste

PacifiCorp
Trail Mountain Mine

## TABLE 3-5
## RECLAMATION COST BREAKDOWN FOR RECLAMATION BOND

| | | |
|---|---|---|
| 1. | Surface Facility Removal | $123,321 |
| 2. | Earth Moving and Recontouring | $116,579 |
| 3. | Rip-Rap | $ 12,649 |
| 4. | Revegetation | $ 56,816 |
| 5. | Miscellaneous* | $ 70,920 |
| | SUBTOTAL (1984 Dollars) | $380,285 |
| +10% Contingency | | $ 38,029 |
| | SUBTOTAL | $418,314 |
| +5.1% Reclamation Management | | $ 21,334 |
| | TOTAL | $439,648 |
| Add an inflation factor of 6.78 percent over 5 year Permit Term (1984 - 1989) | | $160,840 |
| | SUBTOTAL | $600,488 |

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EFFECTIVE:
OCT 22 1996
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| YEAR | ESCALATION FACTOR*** | ESCALATED TOTAL | YEAR | ESCALATION FACTOR | ESCALATED TOTAL |
|---|---|---|---|---|---|
| 1989 | -- | $600,488 | 1990 | 0.77% | $605,112 |
| 1991 | 1.27% | $612,797 | 1992 | 2.21% | $626,339 |
| 1993 | 2.54% | $642,249 | 1994 | 2.01% | $655,158 |
| 1995 | 2.01% | $668,326 | 1996 | 2.01% | $681,760 |
| 1997 | 2.01% | $695,463 | 1998 | 2.01% | $709,442 |
| 1999 | 2.01% | $723,702 | | | |

| | |
|---|---|
| TOTAL SURETY ESTIMATE (1999 Dollars) | $723,702 |
| **1993 Exploration Drilling | 144,266 |
| SUGGESTED SURETY ESTIMATE | $867,968 |

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*Miscellaneous costs include all monitoring and maintenance related costs for successful reclamation establishments.
**Total includes +10% Contingency = 12,622 and +4.3 Reclamation Management = 5,427. Original Cost 1994 Dollars = 126,217.
***Escalation Factors taken from Means©

# SURETY BOND ESTIMATE
## TABLE 3-4

| ITEM | AMOUNT LABOR MAN/SHIFT[1,8] | COST/MAN SHIFT | LABOR COST | EQUIPMENT[3] REQUIREMENTS | MATERIAL[4] EQUIPMENT SHIFT/COST[5] | MATERIALS EQUIPMENT TOTAL COST | TOTAL LABOR MATERIALS EQUIPMENT[11] |
|---|---|---|---|---|---|---|---|
| Sediment Pond | 1 2 | 160 | 320 | Jeffrey | 2 500 | 1000 | 1320 |
| | 1 2 | 160 | 320 | Loader | 2 225 | 450 | 770 |
| Seal Portals | 3 10 | 120 | 3600 | Concrete Block | 5 1000 | 5000 | 8600 |
| Explosive Magazine | 1 2 | 120 | 240 | Concrete Block | 2 500 | 1000 | 1240 |
| Culverts | 1 20 | 160 | 3200 | Truck | 20 250 | 5000 | 8200 |
| | 1 20 | 160 | 3200 | Crane | 20 381 | 7620 | 10820 |
| | 2 20 | 120 | 4800 | None | - | - | 4800 |
| | 2 1 | 160 | 320 | 235 Hyd. Exc. | 1 567 | 567 | 567 |
| | | | | | | | 320 |
| Trash Removal | 1 2 | 120 | 240 | Truck | 1 250 | 250 | 490 |
| | | | | Dump Trk 16 Ton | 1 227 | 227 | 227 |
| | | | | | | SUBTOTAL | $123,321 |

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# SURETY BOND ESTIMATE
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|---|---|---|---|---|---|---|---|
| Storage | 1 3 | 160 | 480 | Truck | 3 250 | 750 | 1230 |
| Building | 1 3 | 160 | 480 | Backhoe/Loader | 3 225 | 675 | 1155 |
| | 2 3 | 120 | 720 | None | | | 720 |
| | | | | | | SUBTOTAL | $3105 |
| Concete | 1 6 | 160 | 960 | 235 Trackhoe | 6 567 | 3402 | 4362 |
| Pads | 1 6 | 160 | 960 | 10 yd Rock Truck | 6 226 | 1356 | 2316 |
| | | | | Pickup | 3 70 | 210 | 210 |
| | 2 9 | 120 | 1200 | | | | 1200 |
| | | | | | | SUBTOTAL | $1410 |
| Concrete | 1 .5 | 160 | 80 | 235 Trackhoe | .5 567 | 284 | 364 |
| Pump House | 1 .5 | 160 | 80 | 10 yd. Rock Truck | .5 226 | 113 | 193 |
| Pad | | | | Pickup | .5 70 | 35 | 35 |
| | 2 .5 | 120 | 120 | (Laborers) | | | 120 |
| | | | | | | SUBTOTAL | $712 |
| Non Coal | 1 1.5 | 160 | 240 | 235 Trackhoe | 1.5 567 | 851 | 1091 |
| Waste | 1 1.5 | 160 | 240 | 10 yd Rock Truck | 1.5 226 | 339 | 579 |
| Bunker | | | | Pickup | 1.5 70 | 105 | 105 |
| | 2 1.5 | 120 | 360 | (Laborers) | | | 360 |
| | | | | | | SUBTOTAL | $2135 |

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UTAH DIVISION OIL, GAS AND MINING

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

October 21, 1996

Val Payne
Sr Environmental Engineer
Energy West Mining
PacifiCorp
PO Box 310
Huntington, Utah 84528

RE: Noncoal Waste Storage Area and Designation, Trail Mountain Mine, PacifiCorp, ACT/015/009-96H, Folder #3, Emery County, Utah

Dear Mr. Payne:

This approves the aforementioned amendment. The amendment is approved effective October 22, 1996. The approval is based on your application, information contained therein, and the findings cited below.

Follow-up Action By Permittee

Submit unshaded/as-built drawings/surface facilities map and MRP text within 30 days after project completion. Required documents are as follows:

-As-built Drawing - TMS-1362D
-Surface Facilities Map - in lieu of drawing #1
-MRP Pages - 3-72.1, 3-76, 3-81, Table 3-4, and Table 3-5.

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Project Description

The amendment is a follow up by the permittee to abate violation 96-26-2-1. The amendment proposes to move the noncoal waste storage to a disturbed area that would be more convenient, would be more efficient, and would reduce handling the waste two time. This is a temporary storage project and the coal waste is periodically transported to a landfill or other approved storage facilities as provided in the coal rules.

Analysis

The noncoal waste amendment is in conformance with the coal rules including R645-301-528.331, .332, .333, and .334. The location, designs including wing walls, and other details included in the amendment will provide the necessary safeguards to confine the waste. The runoff from the waste area reports to the sediment pond. The proposed site is located in an area to minimize wind movement of noncoal of those items prone to be carried by wind.

Findings

(1) The applicant submitted a complete and accurate amendment application.

(2) DOGM PERMIT STATUS. The addition lies within the current permit.

(3) ACTIVE MINE. The area is included in an active approved coal mining and reclamation operation is within the existing disturbed area.

(4) LAND STATUS. The land is patented land owned by PacifiCorp.

(5) COORDINATION. The processing of this amendment included appropriate contacts with agencies having standing and/or that may be impacted by the project.

(6) IMPACTS. The instant project does not have an impact on the hydrologic balance, nor does it involve any existing critical habitat. The noncoal waste storage is located on the mine pad. Approval of the project will improve the temporary storage and disposition of noncoal waste.

(7) RECLAMATION AND BONDING. The current reclamation plan covers the project area. Table 3-4/3-5 depicts updated reclamation costs, demonstrates the adequacy of the current surety bond, and is approved by the undersigned.

(8) RECORD UPDATE. The current Technical Analysis makes findings relative to noncoal waste that require no change. Further, the current Technical Analysis is descriptive and applicable to this project.

Sincerely,

Wm. J. Malencik
Reclamation Specialist

sd
Enclosure
cc: Ranvir Singh, OSM, Denver
Mark Bailey, BLM, Price
Janette Kaiser, USFS, Manti-LaSal
Mark Page, DWR, Price, w/o enc
Dave Ariotti, DEQ, Price, w/o enc
Bill Bates, DWR, Price, w/o enc
David Terry, Trust Lands, SLC, w/o enc
Joe Helfrich, DOGM, SLC
Pam Grubaugh-Littig, DOGM, SLC, w/o enc

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96H
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PRICE FIELD OFFICE

ENERGY WEST Mining Co.
PO Box 310
Huntington, Utah 84528

September 19, 1996

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SEP 24 1996
DIVISION OF OIL
GAS & MINING PRICE UTAH

Division of Oil, Gas and Mining
451 East 400 North
Box 156
Price, Utah 84501

Attention: Mr. Bill Malencik

**RE: AMENDMENT, NON-COAL WASTE STORAGE AREA AND DESIGNATION, PACIFICORP, TRAIL MOUNTAIN MINE, ACT/015/009, EMERY COUNTY, UTAH** 96H

PacifiCorp, by and through its wholly-owned subsidiary, Energy West Mining Company ("Energy West") as mine operator, request an amendment to allow relocation of the non-coal waste storage area at the Trail Mountain Mine.

On August 27, 1996 a NOV ( 96-26-2-1 ) was issued to theTrail Mountain Mine, involving failure to utilize the designated area for non-coal waste and to identify on official documents where waste material should be located.

Background Information:

The existing location for non-coal waste deposit is at the south end of the surface yard. The mine entrance and travelway are located more on the north end of the yard. The travel distance from the mine entrance to the designated site is one quarter of a mile compared to one tenth of a mile to the proposed relocated site. Most trash (non-coal waste) is removed from underground by scoops, referred to as ram cars. These ram cars are slow moving, whereby the relocated area saves time. Ram cars do not have the capability to raise there buckets into the air more than a few feet, thus requiring discharge of the trash material onto the ground. Then surface loaders can scoop the material into dumpsters or waiting trucks. The relocated site has a solid rock backwall, providing a means of containment and support while scooping material from the ground. The existing, designated non-coal waste area does not have the advantage of a backwall or any confinement.

Huntington Office:
(801) 687-9821
Fax (801) 687-2695
Purchasing Fax (801) 687-9092

Deer Creek Mine:
(801) 381-2317
Fax (801) 381-2285

Cottonwood Mine:
(801) 748-2319
Fax (801) 748-2380

Amendment Proposal:

It is proposed that the mine be allowed continued use of the location as cited on the NOV 96-26-2-1, but with the intent of adding concrete wing walls, which will further define the confinement area and improve front end loading of the waste materials.

A 8 1\2" x 11" Drawing # 1, of the proposed installation and approximate location is attached for your information.

A 8 1/2" x 11" Drawing # 2, depicts the Engineering Design and structural layout of the wing walls. This drawing is for your general information.

The surface facility map TMS-1362-D, will depict and designate the exact location of the non-coal waste material site at the mine (Defined as Non-coal waste area). A copy of this revised drawing will be provided after construction of the wing walls is complete.

The reclamation cost estimate has been addressed and seven copies of the revised pages are attached for your review. The following list reflects those pages to be changed. The revisions are highlighted.

Volume 1, Chapter 3, Table 3-4, Pages 3-72.1, 3-76.
Volume 1, Chapter 3, Table 3-5, Page 3-81.

Procedures to be used will involve, dumping waste material on the ground in the designated location and removed by front end loaders to trash trucks to be hauled from the property to an approved disposal site. Non-Coal Waste Material will be confined to the new designated area .

Please call Richard Northrup at 687-4822 or myself at 687-4722 if there are any questions or concerns related to this amendment.

Sincerely,
Richard Northrup
for
Val Payne
Sr. Environmental Engineer

Form DOGM - C1 (Last Revised 6/93) File Folder # 3

# APPLICATION FOR PERMIT CHANGE

| | |
|---|---|
| Title of Change: AMENDMENT TO NON-COAL-WASTE, DESIGNATION OF AREA. | Permit Number: ACT / 015 / 009 |
| | Mine: TRAIL MOUNTAIN |
| | Permittee: PACIFICORP |

Description, include reason for change and timing required to implement: To relocate Non-Coal-waste location, position closer to mine entrance to utilize rock backwall

| | | |
|---|---|---|
| ☐ Yes | ☒ No | 1. Change in the size of the Permit Area? _____ acres ☐ increase ☐ decrease. |
| ☐ Yes | ☒ No | 2. Change in the size of the Disturbed Area? _____ acres ☐ increase ☐ decrease. |
| ☐ Yes | ☒ No | 3. Will permit change include operations outside the Cumulative Hydrologic Impact Area? |
| ☐ Yes | ☒ No | 4. Will permit change include operations in hydrologic basins other than currently approved? |
| ☐ Yes | ☒ No | 5. Does permit change result from cancellation, reduction or increase of insurance or reclamation bond? |
| ☐ Yes | ☒ No | 6. Does permit change require or include public notice publication? |
| ☒ Yes | ☐ No | 7. Permit change as a result of a Violation? Violation # |
| ☒ Yes | ☒ No | 8. Permit change as a result of a Division Order? D.O.# |
| ☐ Yes | ☒ No | 9. Permit change as a result of other laws or regulations? Explain: |
| ☐ Yes | ☒ No | 10. Does permit change require or include ownership, control, right-of-entry, or compliance information? |
| ☐ Yes | ☒ No | 11. Does the permit change affect the surface landowner or change the post mining land use? |
| ☐ Yes | ☒ No | 12. Does permit change require or include collection and reporting of any baseline information? |
| ☐ Yes | ☒ No | 13. Could the permit change have any effect on wildlife or vegetation outside the current disturbed area? |
| ☐ Yes | ☒ No | 14. Does permit change require or include soil removal, storage or placement? |
| ☐ Yes | ☒ No | 15. Does permit change require or include vegetation monitoring, removal or revegetation activities? |
| ☒ Yes | ☐ No | 16. Does permit change require or include construction, modification, or removal of surface facilities? |
| ☐ Yes | ☒ No | 17. Does permit change require or include water monitoring, sediment or drainage control measures? |
| ☒ Yes | ☐ No | 18. Does permit change require or include certified designs, maps, or calculations? |
| ☐ Yes | ☒ No | 19. Does permit change require or include underground design or mine sequence and timing? |
| ☐ Yes | ☒ No | 20. Does permit change require or include subsidence control or monitoring? |
| ☒ Yes | ☐ No | 21. Have reclamation costs for bonding been provided or revised for any change in the reclamation plan? |
| ☒ Yes | ☐ No | 22. Is permit change within 100 feet of a public road or perennial stream or 500 feet of an occupied dwelling? |
| ☐ Yes | ☒ No | 23. Is this permit change coal exploration activity ☐ inside ☐ outside of the permit area? |

☑ **Attach ~~3~~ 7 complete copies of proposed permit change as it would be incorporated into the Mining and Reclamation Plan.**

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments, undertakings, and obligations, herein.

Richard Northrup Env. Eng. 9-20-96

Signed - Name - Position - Date

Subscribed and sworn to before me this 20 day of Sept, 1996

Barbara J. Adams

Notary Public

My Commission Expires: 10-13, 1996

Attest: STATE OF Utah

COUNTY OF Emery

Notary Public
BARBARA J. ADAMS
15 North Main
Huntington, Utah 84528
My Commission Expires
October 13, 1996
State of Utah

Received by Oil, Gas & Mining

RECEIVED
SEP 24 1996
DIVISION OF OIL, GAS & MINING

ASSIGNED PERMIT CHANGE NUMBER 96H

Form DOGM - C2 (Last Revised 6/93)

File Folder # 3

# Application for Permit Change
# Detailed Schedule of Changes to the Permit

Title of Change: AMENDMENT, TO NON-COAL-WASTE DESIGNATION OF AREA.

Permit Number: ACT / 015 / 009

Mine: TRAIL MOUNTAIN

Permittee: PACIFICORP

Provide a detailed listing of all changes to the mining and reclamation plan which will be required as a result of this proposed permit change. Individually list all maps and drawings which are to be added, replaced, or removed from the plan. Include changes of the table of contents, section of the plan, pages, or other information as needed to specifically locate, identify and revise the exiting mining and reclamation plan. **Include page, section and drawing numbers as part of the description.**

| | | | DESCRIPTION OF MAP, TEXT, OR MATERIALS TO BE CHANGED |
|---|---|---|---|
| ☐ ADD | ☒ REPLACE | ☒ REMOVE | TMS- 1362-D As Built Drawing (To be sent after Construction is |
| ☐ ADD | ☐ REPLACE | ☐ REMOVE | Complete) Located in Volume 3, Fig. 3-1. Surface Facility Drwg. |
| ☐ ADD | ☒ REPLACE | ☒ REMOVE | Surety Bond estimate, shts. 3-72.1, 3-76, 3-81 Table 3-4 & |
| ☐ ADD | ☐ REPLACE | ☐ REMOVE | 3-5. Chapter 3, Volume 1 |
| ☐ ADD | ☐ REPLACE | ☐ REMOVE | |
| ☐ ADD | ☐ REPLACE | ☐ REMOVE | |
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| ☐ ADD | ☐ REPLACE | ☐ REMOVE | |
| ☐ ADD | ☐ REPLACE | ☐ REMOVE | |

Any other specific or special instructions required for insertion of this proposal into the Mining and Reclamation Plan?

# SURETY BOND ESTIMATE
## TABLE 3-4

| ITEM | AMOUNT LABOR MAN/SHIFT[1,8] | COST/MAN SHIFT | COST/MAN SHIFT | EQUIPMENT[3] REQUIREMENTS | MATERIAL[4] EQUIPMENT SHIFT/COST[5] | MATERIALS EQUIPMENT TOTAL COST | TOTAL LABOR MATERIALS EQUIPMENT[11] |
|---|---|---|---|---|---|---|---|
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| | 1 3 | 160 | 480 | Backhoe/Loader | 3 225 | 675 | 1155 |
| | 2 3 | 120 | 720 | None | | | 720 |
| | | | | | | SUBTOTAL | $3105 |
| Concete Pads | 1 6 | 160 | 960 | 235 Trackhoe | 6 567 | 3402 | 4362 |
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| | | | | Pickup | 3 70 | 210 | 210 |
| | 2 9 | 120 | 1200 | | | | 1200 |
| | | | | | | SUBTOTAL | $1410 |
| Concrete Pump House Pad | 1 .5 | 160 | 80 | 235 Trackhoe | .5 567 | 284 | 364 |
| | 1 .5 | 160 | 80 | 10 yd. Rock Truck | .5 226 | 113 | 193 |
| | | | | Pickup | .5 70 | 35 | 35 |
| | 2 .5 | 120 | 120 | (Laborers) | | | 120 |
| | | | | | | SUBTOTAL | $712 |
| Non Coal Waste Bunker | 1 1.5 | 160 | 240 | 235 Trackhoe | 1.5 567 | 851 | 1091 |
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| | | | | | | SUBTOTAL | $2135 |

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# SURETY BOND ESTIMATE
## TABLE 3-4

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| | 1 20 | 160 | 3200 | Crane | 20 381 | 7620 | 10820 |
| | 2 20 | 120 | 4800 | None | - | - | 4800 |
| | 2 1 | 160 | 320 | 235 Hyd. Exc. | 1 567 | 567 | 567 |
| | | | | | | | 320 |
| Trash Removal | 1 2 | 120 | 240 | Truck | 1 250 | 250 | 490 |
| | | | | Dump Trk 16 Ton | 1 227 | 227 | 227 |
| | | | | | | SUBTOTAL | $123,321 |

## TABLE 3-5
## RECLAMATION COST BREAKDOWN FOR RECLAMATION BOND

| | | |
|---|---|---|
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| 2. | Earth Moving and Recontouring | $116,579 |
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| | SUBTOTAL | $418,314 |
| +5.1% Reclamation Management | | $ 21,334 |
| | TOTAL | $439,648 |
| Add an inflation factor of 6.78 percent over 5 year Permit Term (1984 - 1989) | | $160,840 |
| | SUBTOTAL | $600,488 |

| YEAR | ESCALATION FACTOR*** | ESCALATED TOTAL | YEAR | ESCALATION FACTOR | ESCALATED TOTAL |
|---|---|---|---|---|---|
| 1989 | -- | $600,488 | 1990 | 0.77% | $605,112 |
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| 1995 | 2.01% | $668,326 | 1996 | 2.01% | $681,760 |
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| | |
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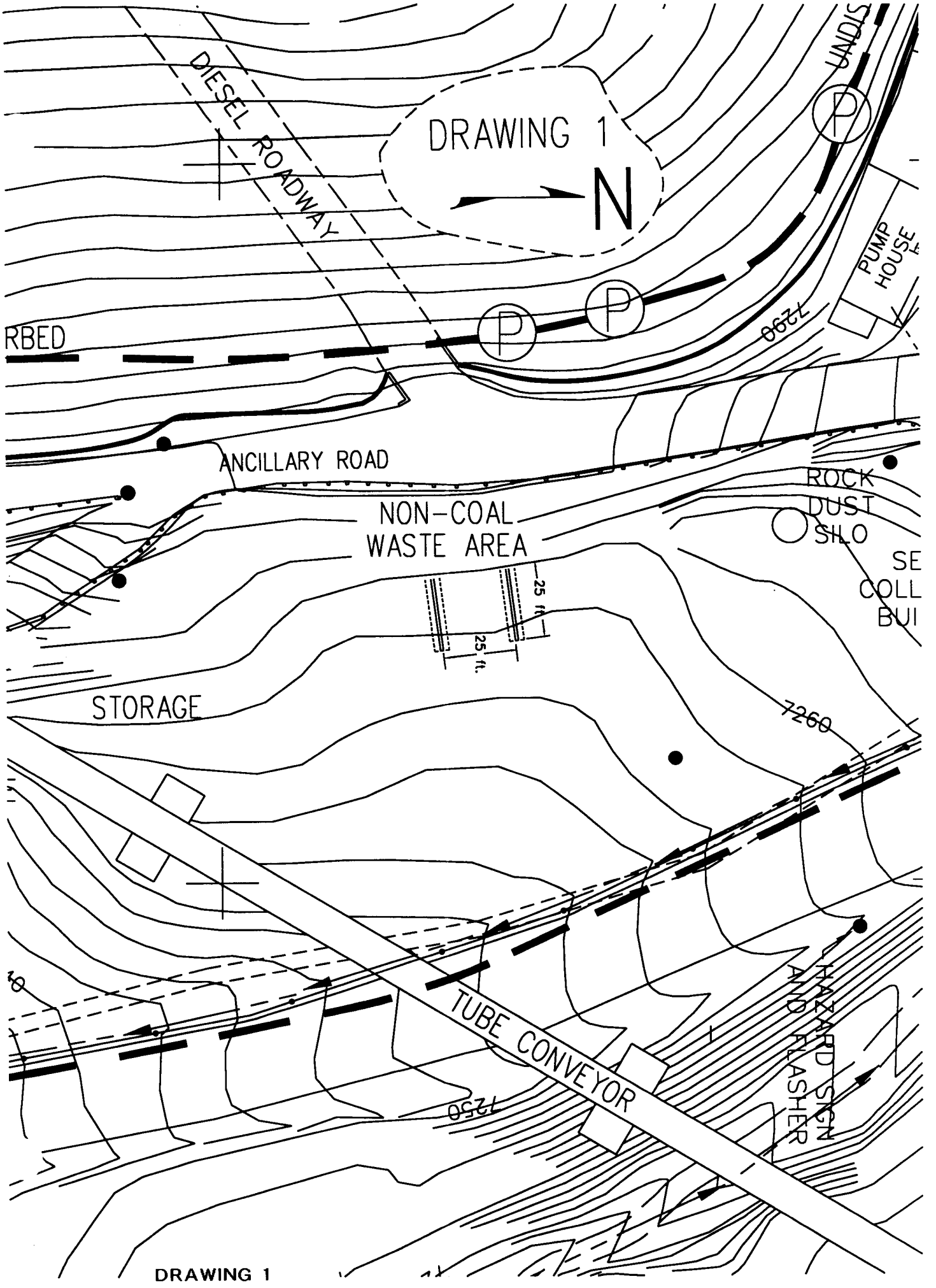
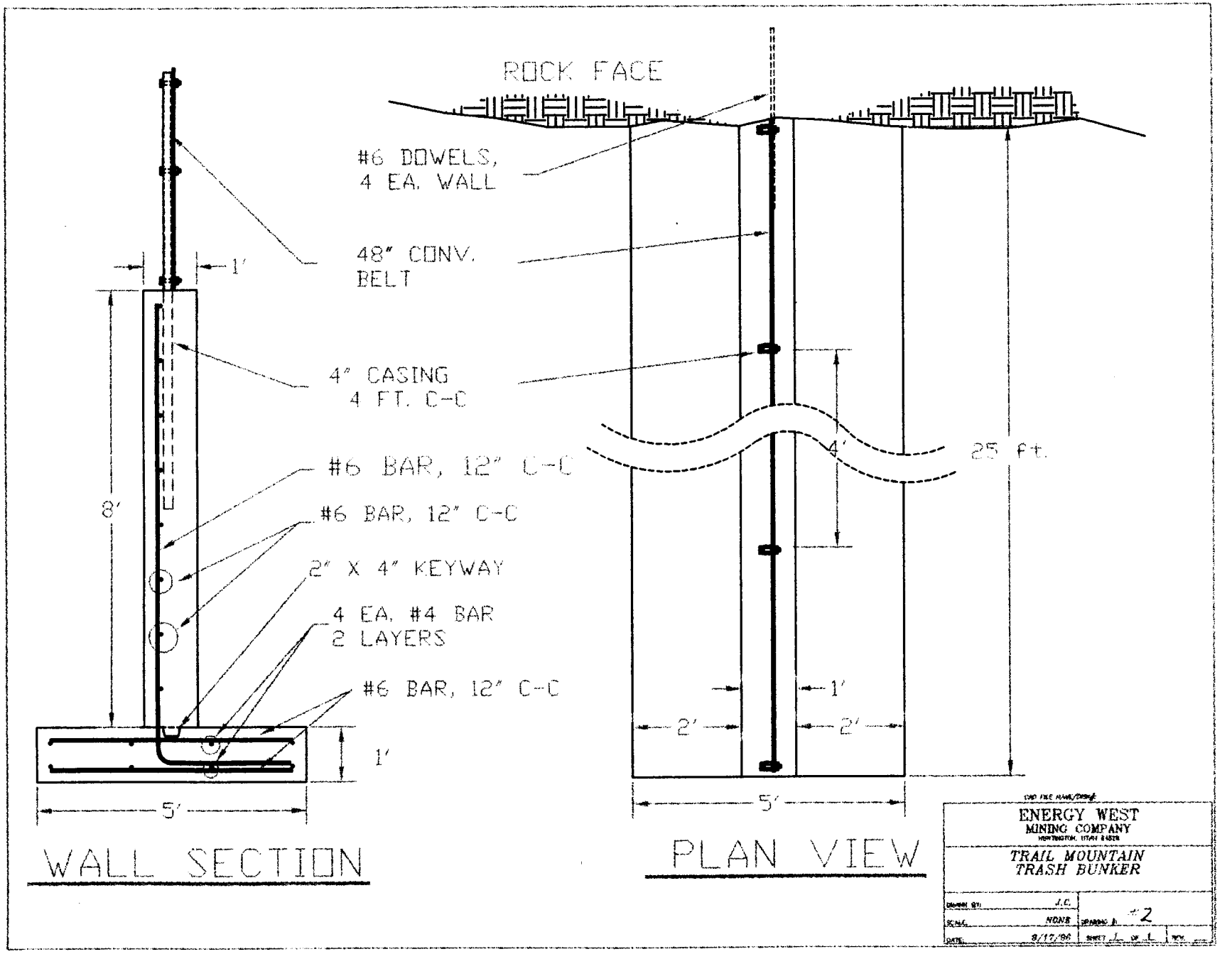
| **1993 Exploration Drilling | 144,266 |
| SUGGESTED SURETY ESTIMATE | $867,968 |

*Miscellaneous costs include all monitoring and maintenance related costs for successful reclamation establishments.
**Total includes +10% Contingency = 12,622 and +4.3 Reclamation Management = 5,427. Original Cost 1994 Dollars = 126,217.
***Escalation Factors taken from Means©


DRAWING 1
N
DIESEL ROADWAY
UNDIS
PUMP HOUSE
RBED
7290
ANCILLARY ROAD
ROCK DUST SILO
NON-COAL WASTE AREA
SE COLL BUI
25 ft.
25 ft.
STORAGE
7260
TUBE CONVEYOR
7250
STANDARD SIGN AND FLASHER

DRAWING 1


ROCK FACE
#6 DOWELS,
4 EA. WALL
48" CONV.
BELT
4" CASING
4 FT. C-C
#6 BAR, 12" C-C
#6 BAR, 12" C-C
2" X 4" KEYWAY
4 EA. #4 BAR
2 LAYERS
#6 BAR, 12" C-C
1'
8'
1'
5'
WALL SECTION
4'
25 ft.
1'
2'
2'
5'
PLAN VIEW
ENERGY WEST
MINING COMPANY
TRAIL MOUNTAIN
TRASH BUNKER
J.C.
NONE
#2
8/17/96