Form DOGM - E (Last Revised 6/93)

File Folder # 3

PERMIT CHANGE TRACKING FORM

DATE RECEIVED	1/11/95	PERMIT NUMBER	ACT/015/025
Title of Proposal:	BTCA Area "E" Silt	PERMIT CHANGE #	95A
Description:	Fence	PERMITTEE	Co-Op Mining Co.
		MINE NAME	Blue Canyon Mine

	DATE DUE	DATE DONE	RESULT	
☐ 15 DAY INITIAL RESPONSE TO PERMIT CHANGE APPLICATION		1/23	☑ ACCEPTED	☐ REJECTED
☐ Notice of Review Status of proposed permit change sent to the Permittee.			Permit Change Classification	
☐ Request additional review copies prior to Division/Other Agency review.			☐ Significant Permit Revision	
☐ Notice of Approval of Publication. (If change is a Significant Revision.)			☐ Permit Amendment	
☐ Notice of request to modify proposed permit change prior to approval.			☐ Incidental Boundary Change	

REVIEW TRACKING	INITIAL REVIEW		MODIFIED REVIEW		FINAL REVIEW AND FINDINGS	
DOGM REVIEWER	DUE	DONE	DUE	DONE	DUE	DONE
☐ Administrative ____						
☐ Biology ____						
☐ Engineering ____						
☐ Geology ____						
☐ Soils ____						
☑ Hydrology ____	2/13	1/25				
☐ Bonding ____						
☐ AVS Check ____						
COORDINATED REVIEWS	**DUE**	**DONE**	**DUE**	**DONE**	**DUE**	**DONE**
☐ OSMRE						
☐ US Forest Service						
☐ Bureau of Land Management						
☐ US Fish and Wildlife Service						
☐ US National Parks Service						
☐ UT Environmental Quality						
☐ UT Water Resources						
☐ UT Water Rights						
☐ UT Wildlife Resources			Copies due		2/27	
☐ UT State History						
☐ Other						

☐ Public Notice/Comment/Hearing Complete (If the permit change is a Significant Revision)		☑ Permit Change Approval Form signed and approved effective as of this date. ☐ Permit Change Denied.	1/26
☐ Copies of permit change marked and ready for MRP.		☐ Notice of ☑ Approval ☐ Denial to Permittee.	1/26
☐ Special Conditions/Stipulations written for approval.		☐ Copy of Approved Permit Change to File.	
☐ TA and CHIA modified as required.		☐ Copy of Approved Permit Change to Permittee.	
☐ Permit Change Approval Form ready for approval.		☐ Copies to Other Agencies and Price Field Office.	

CO-OP MINING COMPANY

P.O. Box 1245
Huntington, Utah 84528

(801) 381-5238
Coal Sales (801) 381-5777

95A

January 5, 1995

Pamela Grubaugh-Littig
Utah Division of Oil, Gas & Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

RECEIVED
JAN 11 1995
DIV OF OIL, GAS & MINING

Ms. Grubaugh-Littig,

Re: BTCA Area "E" Silt Fence, Bear Canyon Mine, ACT/015/025, Emery County, Utah

#2
Original to file
Copy to Bradley file

Enclosed is a proposal to relocate the silt fence currently North of the mine portal pad to treat all of the area within BTCA area "E". The proposal will eliminate vegetation as the primary treatment and will also reduce erosion within the area resulting from the runoff being treated immediately prior to flowing across the steep slope below the pad. Co-Op Mining Company would like to implement the change in time for the Spring runoff period.

If you have any questions, please call Charles Reynolds at (801) 687-2450.

Thank You,

Wendell Owen

Wendell Owen,
Resident Agent

Enclosure(s)
cr

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

APPLICATION FOR PERMIT CHANGE

Title of Change: BTCA Area "E" Silt Fence

Permit Number: ACT/015/025

Mine: Bear Canyon

Permittee: Co-Op Mining Co.

Description, include reason for change and timing required to implement:
Relocating Silt Fence within Area "E" to treat all runoff from Area "E" and help to minimize erosion. Co-Op would like to implement change in time for Spring Runoff.

☐ 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 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.

Wendell Allen - Res. Agent 1/5/95
Signed - Name - Position - Date

Subscribed and sworn to before me this 5 day of January, 1995

Leanne Stone
Notary Public

My Commission Expires: _____, 19__

Attest: STATE OF _____
COUNTY OF _____

Notary Public
LEANNE STONE
P.O. Box 300
Huntington, Utah 84528
My Commission Expires
June 18, 1997
State of Utah

Received by Oil, Gas & Mining

RECEIVED
JAN 11 1995
DIV. OF OIL, GAS & MINING

ASSIGNED PERMIT CHANGE NUMBER

Form DOGM - C2 (Last Revised 6/93)

File Folder # 3

Application for Permit Change
Detailed Schedule of Changes to the Permit

Title of Change: BTCA Area "E" Silt Fence

Permit Number: ACT/015/025

Mine: Bear Canyon

Permittee: Co-Op Mining Co.

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	Page 7K-6; Silt Fence to be used for Primary treatment
☐ ADD	☐ REPLACE	☐ REMOVE	method of Vegetation of Mining
☐ ADD	☐ REPLACE	☐ REMOVE	
☐ ADD	☒ REPLACE	☐ REMOVE	Plate 7-1C; Location of Silt Fence Stump, Previous
☐ ADD	☐ REPLACE	☐ REMOVE	Silt Fence Removed (by Cattle Guard Rd.)
☐ ADD	☐ REPLACE	☐ REMOVE	
☐ ADD	☐ REPLACE	☐ REMOVE	
☐ 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?

Erosion and sediment control is performed by established vegetation. The last supplemental seeding was conducted in 1991. Vegetation will be monitored ocularly annually to ensure adequate control is maintained.

BTCA Area E - OUTSLOPE OF LAMPHOUSE PAD

This area lies between the upper lamphouse/mine portal bermed pad and the portal access road, extending from the road junction on the south to just north of the upper office trailer at the beginning of the Cattle Co. Road. The area is approx 0.28 acres. See Plates 7-1C and 7-1D. Runoff volume from this area is calculated to be approx 0.02 acre ft.

Drainage from this area reports to ditch D-2U along the upper portal access road, thru culverts C-2U and C-3U and into area AU-13. The difficulty in directing this runoff to the main sediment ponds is similar to that of BTCA Area D.

~~A silt fence is installed at the north end of the area where runoff flows down hill from the Cattle Co. Road. Erosion control matting will be installed in the spring of 1992, at the upper (south) end where vegetation is not well established. Erosion control matting will encourage establishment of vegetation.~~ Erosion and sediment control will be maintained ~~with the established vegetation and the erosion control matting~~ by the use of a silt fence placed in D-2U just downgradient from the Hiawatha portal as shown on Plate 7-1C.

DRAFT

Erosion and sediment control is performed by established vegetation. The last supplemental seeding was conducted in 1991. Vegetation will be monitored ocularly annually to ensure adequate control is maintained.

BTCA Area E - OUTSLOPE OF LAMPHOUSE PAD

This area lies between the upper lamphouse/mine portal bermed pad and the portal access road, extending from the road junction on the south to just north of the upper office trailer at the beginning of the Cattle Co. Road. The area is approx 0.28 acres. See Plates 7-1C and 7-1D. Runoff volume from this area is calculated to be approx 0.02 acre ft.

Drainage from this area reports to ditch D-2U along the upper portal access road, thru culverts C-2U and C-3U and into area AU-13. The difficulty in directing this runoff to the main sediment ponds is similar to that of BTCA Area D.

~~A silt fence is installed at the north end of the area where runoff flows down hill from the Cattle Co. Road. Erosion control matting will be installed in the spring of 1992, at the upper (south) end where vegetation is not well established. Erosion control matting will encourage establishment of vegetation.~~ Erosion and sediment control will be maintained ~~with the established vegetation and the erosion control matting~~ by the use of a silt fence placed in D-2U just downgradient from the Hiawatha portal as shown on Plate 7-1C.

DRAFT

Erosion and sediment control is performed by established vegetation. The last supplemental seeding was conducted in 1991. Vegetation will be monitored ocularly annually to ensure adequate control is maintained.

BTCA Area E - OUTSLOPE OF LAMPHOUSE PAD

This area lies between the upper lamphouse/mine portal bermed pad and the portal access road, extending from the road junction on the south to just north of the upper office trailer at the beginning of the Cattle Co. Road. The area is approx 0.28 acres. See Plates 7-1C and 7-1D. Runoff volume from this area is calculated to be approx 0.02 acre ft.

Drainage from this area reports to ditch D-2U along the upper portal access road, thru culverts C-2U and C-3U and into area AU-13. The difficulty in directing this runoff to the main sediment ponds is similar to that of BTCA Area D.

~~A silt fence is installed at the north end of the area where runoff flows down hill from the Cattle Co. Road. Erosion control matting will be installed in the spring of 1992, at the upper (south) end where vegetation is not well established. Erosion control matting will encourage establishment of vegetation.~~ Erosion and sediment control will be maintained ~~with the established vegetation and the erosion control matting~~ by the use of a silt fence placed in D-2U just downgradient from the Hiawatha portal as shown on Plate 7-1C.

DRAFT

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)

January 26, 1995

Mr. Wendell Owen
Co-Op Mining Company
P.O. Box 1245
Huntington, UT 84528

Re: BTCA Area "E" Silt Fence, Bear Canyon Mine, Co-Op Mining Company, ACT/015/025-95A, Folder #3, Emery County, Utah

Dear Mr. Owen:

The above-noted amendment is approved. Please submit six finalized copies of this amendment by February 27, 1995.

Sincerely,

Pamela Grubaugh-Littig
Permit Coordinator

cc: Daron Haddock

Form DOGM - D1 (Last Revised 6/93)

File Folder #3

PERMIT AMENDMENT APPROVAL

Title: BTCA Area "E" Silt fence	PERMIT NUMBER: ACT/015/025
Description:	PERMIT CHANGE #: 95A
	MINE: Bear Canyon
	PERMITTEE: Co-Op

WRITTEN FINDINGS FOR PERMIT APPLICATION APPROVAL	YES, NO or N/A
1. The application is complete and accurate and the applicant has complied with all the requirements of the State Program.	Yes
2. The proposed permit area is not within an area under study or administrative proceedings under a petition, filed pursuant to R645-103-400 or 30 CFR 769, to have an area designated as unsuitable for coal mining and reclamation operations, unless:	Yes
A. The applicant has demonstrated that before January 4, 1977, substantial legal and financial commitments were made in relation to the operation covered by the permit application, or	Yes
B. The applicant has demonstrated that the proposed permit area is not within an area designated as unsuitable for mining pursuant to R645-103-300 and R645-103-400 or 30 CFR 769 or subject to the prohibitions or limitations of R645-103-230.	Yes
3. For coal mining and reclamation operations where the private mineral estate to be mined has been severed from the private surface estate, the applicant has submitted to the Division the documentation required under R645-301-114.200.	Yes
4. The Division has made an assessment of the probable cumulative impacts of all anticipated coal mining and reclamation operations on the hydrologic balance in the cumulative impact area and has determined that the proposed operation has been designed to prevent material damage to the hydrologic balance outside the permit area.	Yes
5. The operation would not affect the continued existence of endangered or threatened species or result in destruction or adverse modification of their critical habitats, as determined under the Endangered Species Act of 1973 (16 U.S.C. 1531 et.seq.).	Yes
6. The Division has taken into account the effect of the proposed permitting action on properties listed on and eligible for listing on the National Register of Historic Places. This finding may be supported in part by inclusion of appropriate permit conditions or changes in the operation plan protecting historic resources, or a documented decision that the Division has determined that no additional protection measures are necessary.	Yes
7. The Applicant has demonstrated that reclamation as required by the State Program can be accomplished according to information given in the permit application.	Yes
8. The Applicant has demonstrated that any existing structure will comply with the applicable performance standards of R645-301 and R645-302.	Yes
9. The Applicant has paid all reclamation fees from previous and existing coal mining and reclamation operations as required by 30 CFR Part 870.	Yes
10. The Applicant has satisfied the applicable requirements of R645-302.	NA
11. The Applicant has, if applicable, satisfied the requirements for approval of a long-term, intensive agricultural postmining land use, in accordance with the requirements of R645-301-353.400.	NA

SPECIAL CONDITIONS OR STIPULATIONS TO THE PERMIT AMENDMENT APPROVAL	YES	NO
1. Are there any variances associated with this permit amendment approval? If yes, attach.		X
2. Are there any special conditions associated with this permit amendment approval? If yes, attach. finalized copies to be submitted	X	
3. Are there any stipulations associated with this permit amendment approval? If yes, attach.		X

The Division hereby grants approval for Permit Amendment to the Existing Permit by incorporation of the proposed changes described herein and effective the date signed below. All other terms and conditions of the Existing Permit shall be maintained and in effect except as superseded by this Permit Amendment.

Signed Daron R. Haddock 1/25/95

[redacted] Division of Oil, Gas and Mi

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)

January 25, 1995

TO: Daron Haddock, Permit Supervisor

FROM: Steven M. Johnson, Reclamation Hydrologist SMJ

RE: Draft Review, BTCA Area E Silt Fence, Bear Canyon Mine, Co-Op Mining Company, ACT/015/025-95A, Working File, Emery County, Utah

SYNOPSIS

Co-op proposes to relocate the silt fence currently north of the mine portal pad to an area downslope of the Hiawatha Intake Portal. This new location will eliminate the need for vegetation as a sediment control measure by passing all runoff from BTCA Area E through the silt fence treatment.

ANALYSIS

OPERATION PLAN

HYDROLOGIC INFORMATION

Regulatory Reference: R645-301-730, 740, 750

Analysis:

Page 7K-6 of the Bear Canyon Mining and Reclamation Plan has bee changed. The changes include moving a siltfence to a down gradient location which passes all runoff from BTCA Area E. Vegetation will no longer be part of the sediment control of this Area.

Findings:

The proposed new silt fence location for BTCA Area E meets the requirements of the regulations and will adequately treat the Area.

RECOMMENDATION

This proposed ammendment should be approved. The new silt fence location will treat the Area as well or better than the existing location.

BRC95ASF.SJ

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)

January 23, 1995

Mr. Wendell Owen
Co-Op Mining Company
P.O. Box 1245
Huntington, UT 84528

Re: Initial Review Response - Accepted, BTCA Area "E" Silt Fence, Co-Op Mining Company, Bear Canyon Mine, ACT/015/025-95A, Folder #2, Emery County, Utah

Dear Mr. Owen:

The Division is in receipt of the proposed amendment, BTCA Area "E" Silt Fence, and has determined this application complete. This amendment has been assigned the permit change number, ACT/015/025-95A .

Completion of this review is anticipated by February 13, 1995, at which time you will be notified of amendment status.

If you have any questions or concerns, please feel free to call.

Sincerely,

Pamela Grubaugh-Littig
Permit Coordinator

ALTI
cc: Daron Haddock

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

Michael O. Leavitt
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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)

February 2, 1995

Thomas E. Ehmett, Acting Director
Office of Surface Mining
Reclamation and Enforcement
505 Marquette N.W., Ste. 1200
Albuquerque, NM 87102

Re: BTCA Area "E" Silt Fence and Tank Seam Stipulations 6,7, and 8, Bear Canyon Mine, Co-Op Mining Company, ACT/015/025-95A and ACT/015/025-94I, Folder #2, Emery County, Utah

Dear Mr. Ehmett:

Enclosed please find the above-noted amendments which were approved, January 26, 1995 (pages 7K-6 and Plate 7-1C) and January 24, 1995, (pages 3H-54 through 3H-70), respectively.

Sincerely,

Pamela Grubaugh-Littig
Permit Coordinator

Enclosure
cc: Price Field Office

CO-OP MINING COMPANY

P.O. Box 1245
Huntington, Utah 84528

(801) 381-5238
Coal Sales (801) 381-5777

Pamela Grubaugh-Littig
Permit Coordinator
Utah Division of Oil, Gas & Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

January 30, 1995

RECEIVED
FEB - 2 1995
DIV OF OIL, GAS & MINING

Ms. Grubaugh-Littig,

#2

Re: BTCA Area "E" Silt Fence, Bear Canyon Mine, ACT/015/025-95A, Emery County, Utah

Copy PAM

Enclosed are three finalized copies of the above-referenced amendment, which was approved per Division letter dated January 26, 1995. Although six copies were requested in the approval letter, three copies are being sent as per telephone conversation with Pamela Grubaugh-Littig on January 30, 1995.

If you have any questions, please call Charles Reynolds at (801) 687-2450.

Thank You,

Wendell Owen

Wendell Owen,
Resident Agent

Enclosure(s)
cr