Consolidation Coal Company
Western Region
2 Inverness Drive East
Englewood, Colorado 80112
(303) 770-1600

May 18, 1984

RECEIVED
MAY 21 1984
DIVISION OF OIL
GAS & MINING

Mr. James Smith
Coordinator Mined Land Development
Division of Oil, Gas and Mining
4241 State Office Building
Salt lake City, Utah 84114

RE: Emery Deep Mine
ACT/015/015, Folder No. 2
Emery Co., Utah

Dear Mr. Smith:

This submittal is in response to the Final Technical Analysis and State Decision Package dated May 4, 1984. In this package, you requested that we address the stipulations prior to permit approval. The following is a list of the stipulations followed by our response:

Stipulation UMC 817.52-(1)

Within 4 months after permit approval the applicant must begin the monitoring program committed to in the February 2, 1984 Response to Stipulations. If access to the wells or springs can not be obtained or monitoring is not feasible for some other reason, then the applicant must provide a revised monitoring plan for regulatory authority approval within the four month period.

Response:

Providing access to wells and springs can be obtained, Consol agrees to begin the monitoring program as stated above with the exception of the Christiansen Spring. The property on which this spring discharges was deeded to Consol on April 8, 1975, together with all water and water rights contained thereon (see attached warranty deed). During a conversation with Mr. Lynn Kunzler of the Utah DOGM on May 8, 1984 he noted that Consol is not required to replace this water source if it is affected by mining, because Consol has the title to its water right. Therefore, monitoring the spring for potential mining effects is unnecessary.

After permit approval Consol will pursue access to additional wells and springs as noted in the February 2, 1984 Response to

Stipulations. If access is not obtained or if monitoring is not feasible for some other reason then Consol will provide a revised monitoring plan for approval within the 4 months after permit approval.

Stipulation UMC 817.121-.126-(1)

Prior to permit approval, the applicant must prepare specific plans for the mitigation of subsidence impacts. These plans must identify the potential worst-case effects of subsidence on structures and/or resources over areas to be undermined during this permit term. The applicant must then identify mitigation plans specific to each structure and/or resource to be impacted.

Response:

This stipulation was discussed during a telephone conversation with Mr. Lynn Kunzler of the Utah DOGM on May 16, 1984. During this conversation we were informed that it would be necessary to address the items listed on page 44 of the TA and also farmland. We were also informed that "worst-case effects" were intended to mean the worst case one would reasonably expect rather than the worst case possible.

The following is a listing of the items included on page 44 of the TA and also farmland. We have identified what we feel would be the worst case one could reasonably expect and a mitigation plan for the described situation.

1. Occupied ranch house - on April 25, 1984, a revised mine plan was submitted. This plan did not show mining beneath the ranch house. Therefore no subsidence is expected.

2. Culinary Well

   A. Worst-case effect - the well would be destroyed by subsidence.

   B. Mitigation Plan - A new well would be constructed as near as possible to its present location.

3. Utility Line

   A. Worst-case effect - subsidence would cause the utility poles to drop causing the utility lines to break.

B. Mitigation Plan - the utility poles would be replaced and the lines would be restrung.

4. Several Corrals

A. Worst-case effect - differential settlement would make the area unsuitable to be used as corrals.

B. Mitigation Plan - the topsoil would be removed from the disturbance area. The area would be regraded to a suitable topography and respread with topsoil. The area would then be reseeded and the fences repaired.

5. Several Ponds

A. Worst-case effect - subsidence would occur which would decrease the holding capacity of the pond.

B. Mitigation Plan - any topsoil available would be stripped from the disturbance area. The pond area would be regraded to provide the original pond capacity. The topsoil would then be replaced and the area revegetated.

6. Many Irrigation Ditches

A. Worst-case effect - settlement would occur which would prevent water from flowing through the ditch.

B. Mitigation Plan - the ditch would be repaired and a proper grade reestablished.

7. Mine Access Road

A. Worst-case effect - differential settlement would occur which would prevent travel along the road.

B. Mitigation Plan - the road would be repaired so as to reestablish a proper grade and reestablish proper drainage.

8. Log Cabin

A. Worst-case effect - subsidence would cause irreparable structural damage to the cabin.

B. Mitigation Plan - the owner would be paid the appraised fair market value of the cabin.

9. Several Sheds

A. Worst-case effect - subsidence would cause irreparable structural damage to the sheds.

B. Mitigation Plan - the owner would be paid the appraised fair market value of the sheds.

10. Gravel Roads

A. Worst-case effect - differential settlement would make the road unusable for most vehicles.

B. Mitigation Plan - any available topsoil would be removed from the construction area and stockpiled. The roadway and ditches would be regraded to a proper grade. The topsoil would then be respread and the area revegetated where appropriate.

11. Barn

A. Worst-case effect - subsidence would cause irreparable damage to the structure.

B. Mitigation - the appraised fair market value would be paid to the owner.

12. Farmland

A. Worst-case effect - subsidence would cause a reduction in the productivity of the land, make the land unworkable with farm equipment and disrupt natural drainage.

B. Mitigation Plan - topsoil would be removed and stockpiled from the affected area. The area would then be regraded to a suitable topography which would restore natural drainage and enable the pre-subsidence productivity to be restored. The topsoil would be respread and the area revegetated. Any fences damaged by subsidence would be repaired.

Stipulation UMC 822-(1)

The applicant shall supply information and plans detailing mining practices to be carried out beneath and adjacent to all alluvial valley floor (AVF) areas designated on Figure 1, March 2, 1984 submittal so that no subsidence will occur during and/or after mining operations. The applicant will be restricted from secondary mining at an angle of draw of 20° outside the designated AVF unless alternate plans are submitted and approved that illustrate that no subsidence of the AVF will occur. This information will need to be submitted prior to permit approval.

Response:

We do not agree that Area II (shown on Figure 1 of our March 2, 1984 submittal) qualifies as an actively flood irrigated alluvial valley floor. We also feel that some of the information contained in our submittals and the regulations pertaining to it have been misinterpreted by the regulatory agency.

However, to avoid a delay in the permit approval, the mine plan has been revised to delete mining beneath the hatched area (Area II) and add a similar sized area. Please replace the previously submitted Plate 3-7 with the included Plate 3-7. We may wish to further address this issue in a request for a permit modification or in future permit applications.

During a telephone conversation with Mr. Lynn Kunzler of the Utah DOGM, we were informed the bond amount was being revised to delete the amount for possible subsidence mitigation. He also said that some of the other costs may be revised. We intend to furnish the additional bond necessary as soon as possible following notification of a final amount.

Thank you for your cooperation on this matter. Please let us know if you have any questions or would like any further information.

Sincerely,

Dave Schouweiler

Dave Schouweiler
Permit Coordinator

DS/bp

cc: B. Dunn
S. Jaccuad (2 Copies)
D. Richardson
OSM (8 Copies)

WARRANTY DEED 494 C

THIS DEED, made this 8th day of April, 19 75, between MERLIN H. and JEAN C. CHRISTIANSEN of Emery, Utah 84522 hereinafter referred to as GRANTOR (whether one or more), and CONSOLIDATION COAL COMPANY, a corporation organized and existing under and by virtue of the laws of the State of Delaware, 3300 One Oliver Plaza, Pittsburgh, Pennsylvania 15222, hereinafter referred to as GRANTEE;

W I T N E S S E T H:

That Grantor, for and in consideration of the sum of Ten and no/100 Dollars ($10.00), and other valuable consideration, to them in hand paid by Grantee, the receipt and adequacy of which is hereby acknowledged, has granted, bargained, sold and conveyed, and by these presents does grant, bargain, sell, convey and confirm, unto Grantee, its successors and assigns forever, all of the following described real property situate in the County of Emery, State of Utah:

Township 22 South, Range 6 East, SLM

Section 22:	Beginning at NE corner of SE 1/4 NE 1/4, thence West 20 rods, South 17° East 65 rods, North 62 rods to beginning, containing 3.87 acres,
Section 23:	SW 1/4 NW 1/4, except 1/5 acre, containing 39.80 acres
Section 23:	Beginning center of SW 1/4, thence North 80 rods, West 73 rods, South 35° East 110 rods, East 16 rods to beginning, containing 22.00 acres
Section 23:	SE 1/4 SW 1/4, SW 1/4 SE 1/4
Section 26:	W 1/2 NE 1/4

containing 225.67 acres, more or less.

TOGETHER with all and singular, the tenements, hereditaments and appurtenances thereunto belonging or in anywise appertaining, including all improvements thereon and all of the water, water rights, water stock, 9 Shares in Muddy Creek Irrigation Co. ditches and ditch rights appurtenant to the said premises, and the reversion and reversions, remainder and remainder, rents, issues and profits thereof; and all the estate, right, title interest, claim and demand whatsoever of Grantor, either in law or equity, of, in and to the above bargained premises.

TO HAVE AND TO HOLD, all and singular the said premises above bargained and described, with the appurtenances unto Grantee, its successors and assigns forever. Grantor, for itself, its heirs,

executors and administrators, covenant, grant, bargain and agree to and with said Grantee, its successors and assigns, that at the time of the ensealing and delivery of these presents, Grantor is well seized of the premises above conveyed, as of good, sure, perfect, absolute and indefeasible estate of inheritance, in law, in fee simple, and has good right, full power and lawful authority to grant, bargain, sell and convey the same in manner or form as aforesaid, and that the same are free and clear from all former and other grants, bargains, sales, liens, taxes, assessments and encumbrances of whatever kind or nature soever, except reservations and exceptions contained in Patents from the United States of America; mineral reservations or prior mineral conveyances of record; existing rights-of-way and easements for roads, ditches, canals, power lines and telephone lines; and taxes and assessments for the current year and subsequent years.

IN WITNESS WHEREOF, Grantor has hereto set their hands and seal the day and year first above written.

Merlin H. Christiansen
MERLIN H. CHRISTIANSEN

Jean C. Christiansen
JEAN C. CHRISTIANSEN

STATE OF Utah)
) SS:
COUNTY OF Emery)

On this 8 day of April, 1975, before me personally appeared Merlin H Christiansen and Jean C Christiansen, known to me, and acknowledged to me that they executed the same.

WITNESS my hand and official seal.

MARGARET L. MAGNUSON NOTARY PUBLIC STATE OF UTAH

Margaret L. Magnuson
Notary Public

My commission expires:
March 5, 1976

243653 5.00
STATE OF UTAH
COUNTY OF EMERY } SS
FILED AND RECORDED FOR
Consolidation Coal
APR 8 2 01 PM '75
IN BOOK 81 PAGE 495
Estella R. Bowman
COUNTY RECORDER

5.00

USDA-FHA
Form FHA 460-4
(Rev. 4-7-65)

Position 1 – Chattel Security
Position 5 – Real Estate Security

STATE OF UTAH
COUNTY OF EMERY } SS
FILED AND RECORDED FOR
Consolidation Coal
APR 8 2 00 PM '75
IN BOOK 81 PAGE 493
Estelle H. [illegible]
COUNTY RECORDER

243692 5.00

SATISFACTION

493

KNOW ALL MEN BY THESE PRESENTS, That the United States of America, acting through the Administrator of the Farmers Home Administration, as owner and holder of the following-described lien instrument(s), made and executed by

MERLIN H. CHRISTIANSEN and JEAN C. CHRISTIANSEN

and recorded or filed in County of Carbon,

State of Utah, does hereby satisfy and discharge the said lien instrument(s).

LIEN INSTRUMENT	MORTGAGEE	DATE OF INSTRUMENT	DATE FILED	RECORD OR FILE NO.
R/E Mtg.	U. S. of America	4-25-67 Book 54, Pages 525-529	4-25-67	177274 Emery

Legal Description of Property: Parcel 1: Lot 2 and the W½ of Lot 1, Block 8, Townsite Survey. E½ of Lot 1, Block 8, Emery Townsite Survey. Parcel 2: T. 22 S, R. 6 E., SLM Sec. 23 Beg. 7 rods East of the SW corner of the SW¼NW¼; thence East 73 rods; thence North 80 rods; thence West 80 rods; thence South 62 rods; thence Southeasterly to beg. Also, beg. at the center of the SW¼ of the Sec. thence running North 80 rods; thence West 73 rods; thence South 35° East 110 rods; thence East 16 rods to beg. Also SE¼SW¼ and SW¼SE¼; Sec. 26: W½NE¼; Sec. 22: beg. at the NE corner of the SE¼NE¼; thence running West 20 rods; thence South 17° East 65 rods; thence North 62 rods to beg. Parcel 3: T. 22 S, R. 6 E, SLM Sec. 17: SE¼NW¼; SW¼SW¼ less the following: Beg. at the NE corner of said SW¼SW¼; thence S 265 ft; thence Northwesterly 205 feet; thence Northeasterly 167 ft; thence E 77 ft. to beg. Sec. 20: W½NW¼; NE¼SW¼; Parcel 4: T. 22 S, R. 6 E. SLM Sec. 22: E½NW¼. Also T. 22 S, R. 6 E SLM. Sec. 4: beg. at a pt. 20 rds. S of the NE corner of the NE¼SW¼; thence S 20 rds; W 30 rds; thence North 20 rds; thence E 30 rds to beg.

IN WITNESS WHEREOF, the United States of America has caused these presents to be signed the 7th day of April, 1975; pursuant to delegated authority published in 7 CFR Part 1800 Subpart C

WITNESSES: Sheron R. Pulli

UNITED STATES OF AMERICA

By Kimball C. Harward
Kimball C. Harward
County Supervisor

Title Farmers Home Administration
United States Department of Agriculture

STATE OF UTAH
COUNTY OF CARBON } ss:

ACKNOWLEDGMENT

On this 7th day of April, 1975, before me, the subscriber, a Notary Public, in and for the above county and State, appeared Kimball C. Harward, known to me to be County Supervisor, Farmers Home Administration, United States Department of Agriculture, and the person who executed the foregoing instrument, and he acknowledged to me that he executed the same as the free act and deed of the United States of America, for the uses and purposes therein mentioned.

IN WITNESS WHEREOF, I have hereunto set my hand and seal at Price, Carbon County, State of Utah the day and year aforesaid.

[SEAL]

Sheron R. Pulli
(Signature)

My commission expires 2-1-77
(To be filled in if certifying officer is a notary public)

Notary Public
(Title)

FHA 460-4 (Rev. 4-7-65)

MRP UPDATE RECORD

Mine Name: Emery Deep Mine **File #:** ACT/015/015

MRP Approval Date: _____

Rev. #	Date Received	Conditional Approval Date	Final Approval Date	Insert In MRP	Comments
88 1.	1-15-88		8-19-88	✓	Mine sequence change
88 A	3-11-88		7-8-88	✓	4E Panel addition
88 B	3-28-88		5-09-88	✓	Reveg. testplots
88 C	6-15-88		8-22-88	✓	Mine seq. change Panels 8 & 9
88 D	9-9-88		1-23-89	✓	Pump Borehole amendment
88 E	Field Amend		11-30-88	NA	Class II Road Culvert Removal
88 F	10-14-88		3-2-89	✓	Small Area Exemption
88 G	11-29-88		6-21-89	✓	Underground Waste disposal
89A	5/22/89		6-23-89	✓	Coal Fines Minimization
89B	5/14/89		7/31/89	✓	Haul Road Certifications
89C	6/28/89				New Portals
* 89D	6/14/89		9/12/89	✓	Pond 6 Certifications
89E	10/16/89	—	11/1/89	✓	New Truck Scales
89D	9/11/89	10-5-89	12/4/89	✓	Alt. Discharge Point

* - Pond 6 Cert. part of Pump Borehole Amendment

Mine Name: Emery Deep Mine File #: ACT/015/015

Rev. #	Page Numbers	Plate Numbers
88D	3-9, 3-96, 3.55-57, 13-4a-e, 7.181-184	3-3, 4-1, 7-2, 13.1, 13.56-2,
88D	Appendix 5-2	
88F	3-23	
88G	3-59, 13-93, 13-94, 13-95, 13-92 (13-89)	13-26 Table 13-2, 13-1
	3-54,	
89A	3-52 11-7, 11-8, 11-9	3-2
89B	3-13a & 3-16 & Cert statement	3-2, 13-31
89C		
89D	in chapt. 13 - no page # on Cert.	Pond 6 as built - in chap 13
89E	3-12	3-2
89D	3-9a, 7-192	13-5c, 7-2

CONSOL

Consolidation Coal Company
Western Region
2 Inverness Drive East
Englewood, Colorado 80112
(303) 770-1600

March 20, 1981

Mr. Jim Smith
Department of Natural Resources
Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Dear Mr. Smith:

Please find enclosed 6 copies of Consolidation Coal Company's application for an underground mining permit at the Emery Mine. This application is submitted pursuant to UMC 771.21 (a)(1) and was prepared according to the general guideline for format and content, revised November 3, 1980, which was provided by your office. Also enclosed is the $5.00 permit filing fee.

Seven copies of the application have been submitted to Region V OSM in Denver and one copy will be placed on file at the Emery County Courthouse, Castledale, Utah.

This application proposes the continuation of mining at the Emery Mine and presents a mine plan for the next 5 years. Revisions or amendments to this application will be submitted as replacement pages or supplemental pages so that the document will remain whole and complete.

Please contact me if you have any questions.

Sincerely yours,

James C. Thompson

James C. Thompson
Permit Coordinator

JCT/kdb
Enclosures

cc: Region V OSM

RECEIVED
MAR 23 1981
DIVISION OF
OIL, GAS & MINING

APPLICATION FOR PERMIT
TO ENGAGE IN
UNDERGROUND COAL MINING OPERATIONS

EMERY MINE
CONSOLIDATION COAL COMPANY

SUBMITTED TO

UTAH BOARD AND DIVISION OF OIL, GAS, AND MINING

AND

REGION V OFFICE OF SURFACE MINING RECLAMATION
AND ENFORCEMENT

PREPARED BY

CONSOLIDATION COAL COMPANY
WESTERN REGION ENGINEERING AND PERMITTING DEPARTMENTS
2 INVERNESS DRIVE EAST
ENGLEWOOD, COLORADO 80112
MARCH 23, 1981

Lynn, 10-1
Please take care of this
Thx.
Jim

CONSOL

Consolidation Coal Company
Western Region
2 Inverness Drive East
Englewood, Colorado 80110
303-770-1600

JIM
OCT 0 1 1981

September 23, 1981

Mr. James W. Smith, Jr.
Coordinator of Mined
Land Development
State of Utah
Division of Oil, Gas, & Mining
1588 West North Temple
Salt Lake City, Utah 84116

re: U. S. Geological Survey
211 Regulations
Cross-Reference Index

Dear Mr. Smith:

As per you letter of July 31, 1981 to Jim Thompson, I am enclosing three copies of the 211 regulation information. Please retain one copy for your records and forward one copy to USGS and one to the Office of Surface Mining.

Mr. Jim Thompson has transferred to Conoco Inc. In the future, please address all correspondence to me.

If you have any questions concerning the enclosed information, please contact me.

Sincerely,

Richard M. Holbrook
Supervisor,
Environmental Quality Control

RMH/mcf
Enclosure
cc: Ron Thompson

RECEIVED
SEP 28 1981
DIVISION OF
OIL, GAS & MINING

RECEIVED
OCT 1 0 1981
DIVISION OF
OIL, GAS & MINING

Attachment 1

	UMC	Section*	Page	Vol.
(1) 211.10 (c)(1) Names, addresses, and telephone numbers of persons responsible for operations under the plan to whom notices and orders are to be delivered, and the names and addresses of surface owners of record, and owners of record of subsurface minerals, if other than the United States.	782.13 (a)	2.2 4.3	2-1 4-1	1.0 2.0
211.10 (c)(2) A description of geologic conditions, with maps and tables where appropriate, within the area where mining is to be conducted and including any Logical Mining Unit. Such description shall include, as a minimum, potential geologic hazards; and a description of the structural features of the coal and overlying strata, including faults, cleats, joints and fractures and any other information which would affect the orientation of the mine or production methods.	783.14	3.3 6.0	3-24 6-1	1.0 2.0 3.0 4.0
211.10 (c)(6)(i) The nature and extent of the coal deposit in terms of Btu content, ash, water, sulphur, volatile matter and carbon content, and any other available information that may affect blending or combustion and including estimated recoverable reserves. The recoverable reserves shall be reported for all coal seams of mineable thickness, considering the type of mining and the value of the coal. (This information must conform with the requirements of General Mining Order No 1.)	783.25 (c), (d)	3.3.1 6.5.4 6.5.5	3-24 6-7 6-14	1.0 2.0 2.0
211.10 (c)(6)(ii) The method of mining, including mining sequence and proposed production rate; the plan for any lease issued or readjusted after August 4, 1976, must provide for the mining of all the reserves of the logical mining unit of which the lease is a part in a period of not more than forty years; that period shall begin on the date of approval of the first mining plan for that logical mining unit.	784.11 (a)	3.3.1.3	3-25	1.0
The plan must include planned sequence of mining by year for the first 5 years and by number in 5-year increments for remainder of mine life.	783.12 (a)	Plate 3-7 3.3.1.4 3.3.7 & 3.3.8	3-25 3-45	1.0 1.0

*Suggested sections listed in Utah DOGM "Permit Application Guidelines"

	UMC	Section	Page	Vol.
211.10 (c)(6)(iv) The engineering techniques proposed to be used in mining. The plan shall describe the method of mining and present justifications for the method selected. The selected mining system shall conform to sound mining practices and be based on current technology and economics.	784.11 (a)	3.3.1.3	3-25	1.0
211.10 (c)(6)(v) A list of all major equipment.	784.11 (a)	3.3.4	3-42	1.0
211.10 (c)(6)(vii) The method of operation and measures by which the operator plans to comply with the obligations and requirements set forth in 211.4 and 211.40 of this Part and any special terms and conditions of the lease, permit, or license. (This can be by a narrative statement and must include only those items related to resource recovery.)	784.13 (a)(2)	3.3.3	3-38	1.0
211.10 (c)(6)(viii) The anticipated starting and termination dates of each phase of the mining operation and number of acres of land to be affected.	782.17 (a) 784.13 (b)(1)	3.3.6	3-44	1.0
211.10 (c)(6)(x) The measures for ensuring the maximum practicable recovery of the mineral resource.	784.13 (b)(6)	3.3.3.1	3-38	1.0
(Sufficient data should be submitted to substantiate the anticipated recovery factor of the resource for the coal reserve base. Data includes sufficient information in the form of narrative, cross-sections, coal thickness isopachs, overburdern isopachs and quality and quantity data (Btu content, ash, moisture, sulfur, volatile matter, and fixed carbon and any other available information they may affect blending or combustion) of all known potentially minable seams on the lands involved. The areal extent of mining of each seam to be mined should be delineated. This information must conform with the requirements of General Mining Order No. 1.)				
211.10 (c)(6)(xi) The method of abandonment of coal mine operations including protection of mined coal and other mineral ressources.	784.13 (b)(8) 784.14 (d)	3.5.3	3-55	1.0

	UMC	Section	Page	Vol.
211.10(c)(6)(xii) Furnish complete logs of all exploration drill holes (both surface and underground) in Federal leases.	783.14 (a)(1) (ii)	6.5		
211.10 (c)(6)(xiv) Plans for protecting oil, gas, and water wells as well as oil, gas, and underground water resources, when encountered.	783.25 (5)	3.3.2.1	3-37	1.0
211.10 (c)(6)(xv) Any justification for not recovering any coal deposits that may be detrimentally affected in terms of future recovery by the coal developent operations proposed.	784.13 (b)(6)	3.3.3.2	3-38	1.0
(If no coal preparation plant is planned and if the operator plans not to mine coal beds or portions of coal beds because of high sulfur, high ash, or other chemical or physical properties, the operator shall submit a narrative and analyses of the rationale for not mining such beds or portions of seams.)				
211.10 (c)(7) Suitable topographic maps or aerial photographs showing:				
(i) Topographic and natural drainage features, roads and vehicular trails.	783.25 (k)	Plate 4-4		2.0
(ii) The name of the watershed and location of the surface stream or tributary into which mine waters will be discharged, if applicable.	783.16 (a)	Plate 7-7		5.0
	783.25 (y)	Plate 15-8		12.0
(iii) Cross sections and plan views of the land to be affected, including the actual area to be mined, showing elevation and location of drill holes and depicting the following information: the nature and depth of the various strata of overburden; the nature and thickness and extent of any coal, or if rider seams above the specific coal proposed to be mined; the nature of the strata beneath the coal to be mined for a vertical distance of at least 20 meters beneath the base of the coal seam; the location of the next known deeper coal seam below the deepest seam to be mined and representative characteristics thereof; the location of any	783.25 (a)	Plate 6-1		3.0
	783.25 (j)	Plate 6-29		4.0

	UMC	Section	Page	Vol.
other mineral values encountered within the logical mining unit; hydrologic data and other information relevant to the mining plan; all mineral crop lines and the strike and dip of the coal to be mined within the area of land to be affected; location and extent of known surface and underground mine workings (active and abandoned), oil or gas wells, and water wells within 1/4 mile of the affected lands. (Hydrologic information is required only as relevant to resource recovery.)		Plate 4-5		2.0
Plan maps of the area to be mined on a suitable topographic base showing: lease boundaries and numbers, boundaries of nonfederal coal, LMU boundaries, and surface ownership boundaries.		4.3.1 4.3.2	Plate 4-1 to 4-3	2.0
(iv) Locations of surface structures and facilities, including loading facilities.	784.23 (b)(1)	3.2.3 3.2.4	Plate 3-2 Plate 3-3	1.0 1.0
(v) For an underground mine, in addition, the planned mine layout, including location and dimensions of shafts, slopes, drifts, crosscuts, rooms, haulageways, aircourses, entries, and barrier pillars; show typical panel recovery, sequence of development and retreat.		3.3.1.2	3-24	1.0
Submit the Roof Control and Ventilation System and Methane and Dust Control Plans approved by Mine Safety and Health Administration (MSHA) as a part of the mining and reclamation plan.		3.3.1.6	3-30	1.0
Include a structural coutour map of bed(s) to be mined.		6.4.2	Plates 6-15 to 6-22	3.0
If several seams are involved, include interburdern isopach map(s) on 10-foot intervals.		6.5.5	Plate 6-15 to 6-22	3.0
Include an isopach map of overburden of surface mines on 20-foot intervals.		6.5.5	N/A	
Include an isopach map of overlying strata over underground mines on 250-foot intervals.		6.5.5		
Furnish a copy of any subsidence control plan required by 30 UMC 784.20.		3.4.8	3-53	1.0

	UMC (SMC)	Section	Page
(vi) If auger mining is proposed, the location and diameter of auger holes, the depth to be drilled, and the estimated percentage of recovery. In determining whether or not to recommend approval of proposed auger mining, the Regional Director and mining supervisor shall take into account the percentage of recovery, which shall in general exceed 30 percent, and probable adverse effects upon water quality.	785.20	N/A	
If surface mining is proposed, include a general layout of the proposal including location and width of box cut(s), location of main haulroads, and location and width of coal fenders.		N/A	
211.10 (c)(8) Any requests for variances from the performance standards of 30 CFR Part 211.		N/A	

CHAPTER 1.0

INTRODUCTION AND SUMMARY OF PERMIT APPLICATION

EMERY MINE
CONSOLIDATION COAL COMPANY
MARCH 23, 1981

Table of Contents

		Page
1.1	Scope of Operation	1-1
1.2	Summary of Environmental Impacts	1-1
1.3	Document Organization	1-2
1.4	Verification of Document	1-4
1.5	Correspondence	1-4

1.0 INTRODUCTION AND SUMMARY OF PERMIT APPLICATION

1.1 Scope of Operation

Consolidation Coal Company (Consol) in joint agreement with Kemmerer Coal Company (Kemmerer) holds the mining rights to a major portion of the Emery Coal Field. Coal is currently being extracted from the Emery Mine, located approximately four miles south of the town of Emery. The mine presently produces about 700,000 tons per year and is planned to increase production to 1.7 million TPY during the next five years. There has been an underground mine at this location for more than 80 years going back to the historic Browning Mine. The mine facilities area has been affected since that time.

The Emery Mine, as described in this application, is located near the confluence of Quitchupah Creek and Christiansen Wash approximately 2 miles east of Highway 10 and 4 miles north of U.S. Interstate 70. The entrances to the mine and the mine facilities are located in a canyon formed by Quitchupah Creek and Christiansen Wash. The primary mine portal enters the coal seam at the bottom of the canyon and angles down-dip toward the northwest. Mining is currently occurring in the area north of Quitchupah Creek and Christiansen Wash. Future mining by other operations is proposed to extend north toward the town of Emery, south past Interstate 70 and west toward Highway 10.

The project area controlled by Consol-Kemmerer, (of which the Emery Mine is a part) will eventually include three underground mines and two strip mines. This application, however, is concerned only with permitting the existing Emery Mine and its associated structures and facilities. Any new construction or mine openings that may take place during the permit term will either be permitted separately or as a revision to this document.

1.2 Summary of Environmental Impacts

Environmental baseline data collection studies have been conducted in the vicinity of the Emery Mine for a variety of disciplines. These include geology, groundwater and surface water hydrology, vegetation, archeology, wildlife, soils, and land use. In addition, a presubsidence survey was conducted on the surface above the mine.

As mentioned in Section 1.1, there has been an underground mine at the location of the Emery Mine for more than 80 years. Because of the surface disturbances caused by mining conducted prior to regulatory control it is difficult to segregate new environmental impacts that will result from the proposed 5-year mine plan discussed in this application. Obviously, previous mining activities have caused some environmental impacts. These impacts would be associated with the affected surface area in the vicinity of the mine portals and with the interception of groundwater in the old mine workings.

At this time, as discussed in the 5-year mine plan, Consol does not propose to construct any new surface facilities at the mine. The only construction that will occur is the reclamation of two sites (sediment pond access road and the evaporation lagoon) and the upgrading of roads (resurfacing and drainage control). Any future construction, proposed as revisions to this application, would be conducted in accordance with the permanent program regulations so that impacts would be minimized.

The existing and forecasted impacts of the existing and proposed operation are identified as follows:

- temporary disruption of land use due to surface facilities
- interception of upper Ferron sandstone aquifer water
- potential contamination of Ferron sandstone aquifer water by Bluegate Shale water
- temporary disruption of soils
- temporary disruption of vegetation
- temporary disruption of wildlife habitat and displacement of wildlife

These impacts are discussed more completely in Chapter 3.0. Also discussed in Chapter 3.0 are the mitigative measures employed to minimize these impacts. The impacts are primarily temporary since the reclamation plan has been designed to replace or restore the premining environmental resources.

1.3 Document Organization

This permit application was prepared by Consolidation Coal Company according to the format and content guidelines developed by the State of Utah, Division of Oil, Gas, and Mining. The contents of the application were prepared pursuant to Utah's Coal Mining and Reclamation Permanent Program, final rules of the Utah Board and Division of Oil, Gas, and Mining. This application describes the existing and proposed operations at the Emery Mine, explains the environmental control measures employed at the mine, presents the reclamation plan for mine abandonment, and shows compliance with the performance standards.

The application is divided into fourteen chapters compiling ten volumes. The maps and appendicized information pertaining to each chapter are attached following the specific chapter in which they are referenced. The page numbers, table numbers, figure numbers, and plate (map) numbers are presented with the chapter number as a prefix.

The following list identifies the information contained in each volume:

VOLUME 1

Chapter 1.0 - Introduction of Summary of Permit Application
Plates for Chapter 1.0

Chapter 2.0 - Legal, Financial, Compliance, and Related Information
Appendices for Chapter 2.0

Chapter 3.0 - Operation and Reclamation Plan
Plates for Chapter 3.0

VOLUME 2

Plates for Chapter 3.0
Chapter 4.0 - Land Status, Land Use, and Post-Mining Land Use
Plates for Chapter 4.0

Chapter 5.0 - Historical and Cultural Resources
Plates for Chapter 5.0

Chapter 6.0 - Geology
Appendicies for Chapter 6.0

VOLUME 3

Plates for Chapter 6.0

VOLUME 4

Plates for Chapter 6.0
Chapter 7.0 - Hydrology

VOLUME 5

Appendices for Chapter 7.0
Plates for Chapter 7.0

VOLUME 6

Chapter 8.0 - Soil Resources
Appendices for Chapter 8.0
Plates for Chapter 8.0

Chapter 9.0 - Vegetation Resources
Appendices for Chapter 9.0
Plates for Chapter 9.0

VOLUME 7

Chapter 10.0 - Fish and Wildlife Resources
Appendices for Chapter 10.0
Plate for Chapter 10.0

Chapter 11.0 - Climatology and Air Quality

VOLUME 8

Chapter 12.0 - Geotechnical
Appendix for Chapter 12.0
Plates for Chapter 12.0

Chapter 13.0 - Designs

VOLUME 9

Plates for Chapter 13.0

VOLUME 10

Plates for Chapter 13.0

Chapter 14.0 - Consultation and Coordination

1.4 Verification of Document

I certify that I have personally examined and am familiar with the information contained in this permit application and based on my inquiry of those individuals immediately responsible for obtaining the information, the submitted information is true and correct to the best of my knowledge.

3-19-81
Date

John T. Higgins
Registered Professional Engineer

1.5 Correspondence

Correspondence or questions pertaining to this permit application should be directed to the following persons:

Ron Hughes
Project Engineer
Consolidation Coal Company
2 Inverness Drive East
Englewood, CO 80112
(303) 770-1600

James Thompson
Permit Coordinator
Consolidation Coal Company
2 Inverness Drive East
Englewood, CO 80112
(303) 770-1600

CHAPTER 2.0

LEGAL, FINANCIAL, COMPLIANCE AND RELATED INFORMATION

EMERY MINE
CONSOLIDATION COAL COMPANY
March 23, 1981

TABLE OF CONTENTS

2.1	Scope	2-1
2.2	Identification of Interests	2-1
	2.2.1 Owner and Operator	2-1
	2.2.2 Company Related Information	2-2
	2.2.3 Current of Previous Permits Since 1970	2-2
	2.2.4 MSHA Identification Number	2-2
	2.2.5 Surface and Coal Ownership	2-2
2.3	Compliance Information	2-2
2.4	Right of Entry and Operations	2-3
	2.4.1 Underground Mining	2-3
	2.4.2 Surface Mining	2-3
2.5	Relationship to Areas Designated Unsuitable for Mining	2-3
2.6	Permit Term Information	2-3
	2.6.1 Proposed 5 - Year Permit Area	2-3
	2.6.2 Permit Term	2-4
	2.6.3 Proposed Activities During the Permit Term	2-4
2.7	Personal Injury and Property Damage	2-4
2.8	Proposed Performance Bond	2-4
2.9	Other Licenses and Permits	2-6
2.10	Availability of Application for Public Inspection	2-6
2.11	Newspaper Advertisement	2-6
	Appendices	2-7

APPENDICES

2-1	Offices and Directors of Consol and Kemmerer
2-2	Mining Permits Since 1970
2-3	Compliance Information

2.0 LEGAL, FINANCIAL, COMPLIANCE AND RELATED INFORMATION

2.1 Scope

The Emery Mine is owned jointly by Consolidation Coal Company and Kemmerer Coal Company. Consolidation Coal Company is the operator of the mine. This section provides the appropriate legal, financial, compliance and related information for the owners and operator of the Emery Mine.

2.2 Identification of Interests

2.2.1 Owner and Operator

The Emery Mine is owned jointly by Consolidation Coal Company (Consol) and Kemmerer Coal Company (Kemmerer). Consol is a wholly owned subsidiary company of Conoco, Inc., High Ridge Park, Box 1050, Stamford, Connecticut, 06904, Telephone: (203) 359-3500. Consol and Kemmerer have not jointly operated any coal mines in Utah under any other names within the previous five years. The addresses and telephone numbers are as follows:

Permit Applicant:

Consolidation Coal Company
Consol Plaza
1800 Washington Road
Pittsburgh, PA 15241
Telephone: (412) 831-4000

Kemmerer Coal Company
Frontier, Wyoming 83121
Telephone: (307) 877-4452

Mine Operator:

Corporate Office:

Consolidation Coal Company
Consol Plaza
1800 Washington Road
Pittsburgh, PA 15241
Telephone: (412) 831-4000

Western Region:

Consolidation Coal Company
2 Inverness Drive East
Englewood, CO 80112
Telephone: (303) 770-1600

Emery Mine:

Emery Mine
Consolidation Coal Company
P. O. Box 527
Emery, Utah 84522
Telephone: (801) 286-2301

2.2.2 Company Related Information

The officers and directors of Consolidation Coal Company and Kemmerer Coal Company are listed in Appendix 2-1. The resident agent for Consol in the State of Utah is as as follows:

C.T. Corporation System
175 South Main St.
Salt Lake City, Utah 84111

2.2.3 Current or Previous Permits Since 1970

A list of the mining permits held since 1970 and pending permit applications of Consol and Kemmerer is contained in Appendix 2-2.

2.2.4 Mine Safety and Health Administration Identification Number

The Mine Safety and Health Administration number for the Emery Mine is 42-00079.

2.2.5 Surface and Coal Ownership in Permit Area

This information is discussed in detail in Section 4.3.

2.3 Compliance Information

Information on all violations received by Consol and Kemmerer during the past three years that are related to environmental requirements are contained in Appendix 2-3.

Consol has had one "mining permit" suspended. The West Virginia underground opening permit No. U.O. 539 for Consolidation Coal Company's Robinson Run Mine was suspended on September 8, 1980, for failure to maintain a drainage system in accordance with the rules and regulations. Prior to this date, the State of West Virginia's authority to require such permits was challenged by the coal mining industry. This suspension notice was challenged on the same grounds. The original case is still pending before the West Virginia Supreme Court. Until a decision is reached by the courts, this notice cannot be officially resolved.

Consol, its subsidiaries and affiliates, and persons controlled by or under common control with Consol have not had any other federal or state mining permits suspended or revoked nor any mining bonds or similar securities deposited in lieu of bond forfeited in the previous five years.

Kemmerer Coal Company has never had a mining permit suspended or revoked, nor has it been forced to forfeit any mining bonds during its 83 years of operation.

2.4 Right of Entry and Operation

2.4.1 Underground Mining

Consol's right of entry and operation is based on surface and subsurface ownership by Consol/Kemmerer or lease agreements. A description of these documents is contained in Section 4.3.

2.4.2 Surface Mining

Consol will not mine any coal at the Emery Mine using surface mining methods during this five year permit term.

2.5 Relationship to Areas Designated Unsuitable for Mining

The proposed permit area does not contain any of the following areas designated unsuitable for mining:

National Park System
National Wildlife Refuge System
National System of Trails
National Wilderness Preservation System
Wild and Scenic Rivers System
National Recreation Areas
National Forests
Public Parks
Public places included on the National Register of Historic Places
Public Buildings, Schools, Churches, Cemetaries

The permit area contains one dwelling that is occupied intermittently and several public roads (see Land Use Map, Plate 8-3). These areas (roads, occupied dwelling) will not be affected by the underground mining operation. Protection of land surface features is discussed in Section 3.3.2.2 and Section 3.4.8.

2.6 Permit Term Information

2.6.1 Proposed 5-Year Permit Area

The following information describes the geographic area in which underground mining will take place during the next five years.

Township 22 South, Range 6 East, SLM (Utah)

Section 19: S½NE¼, SE¼, E½SW¼

Section 20: S½NE¼, SE¼NW¼, S½

Section 21: S½N½, S½

Section 22: SW¼SW¼

Section 27: W½

Section 28: All

Section 29: All

Section 30: E½, E½NW¼, SW¼NW¼, N½NW¼SW¼, E½SW¼

Section 31: All

Section 32: All

Section 33: W½NE¼

The permit area encompasses approximately 5180 acres and is shown on Plate 1-1.

2.6.2 Permit Term

The proposed 5-year permit area delineates the region where underground mining activities will take place over the next five years as the extended operations of the existing Emery Mine. However, mining is planned to continue in this area for at least 30 years, which will require continued permit renewals until mining of the I zone is completed, around 2010.

The permit term covered by this application shall begin on September 23, 1981 and terminate on September 23, 1986.

2.6.3 Proposed Activities During the Permit Term

This permit application proposes the continuation of mining at the existing Emery Mine and the continued use of the associated existing surface facilities and structures. The permit application shows the future projected mining operations in the I zone of the Emery coal field, within the proposed permit area. Any new construction of surface facilities or mining of seams other than the I zone within the proposed permit area, which cannot be anticipated at the present time, shall be applied for as revisions of this permit application.

2.7 Personal Injury and Property Damage

A copy of the insurance certificate for the Emery Mine covering personal injury and property damage is on the following page.

2.8 Proposed Performance Bond

The proposed performance bond is based on the estimated cost of reclaiming the affected surface areas at the Emery Mine. The proposed bond also takes into consideration the estimated costs to the Division for public contracting and the cost changes during the preceding five years for the types of proposed activities. Estimated reclamation costs are discussed in Section 3.5.6.

INSURANCE CERTIFICATE

Certificate of Insurance

ACORD

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES LISTED BELOW.

NAME AND ADDRESS OF AGENCY

Marsh & McLennan, Inc.
1221 Avenue of the Americas
New York, NY 10020

COMPANIES AFFORDING COVERAGES

COMPANY LETTER A Hartford Accident & Indemnity Company

COMPANY LETTER B

COMPANY LETTER C

COMPANY LETTER D

COMPANY LETTER E

NAME AND ADDRESS OF INSURED

Consolidation Coal Company
Consol Plaza
1800 Washington Road
Pittsburgh, Pennsylvania 15241

This is to certify that policies of insurance listed below have been issued to the insured named above and are in force at this time. Notwithstanding any requirement, term or condition of any contract or other document with respect to which this certificate may be issued or may pertain, the insurance afforded by the policies described herein is subject to all the terms, exclusions and conditions of such policies.

COMPANY LETTER	TYPE OF INSURANCE	POLICY NUMBER	POLICY EXPIRATION DATE	Limits of Liability in Thousands (000)	EACH OCCURRENCE	AGGREGATE
	GENERAL LIABILITY					
A	[X] COMPREHENSIVE FORM	10 CLR P12407E	1-1-81/82	BODILY INJURY	$	$
	[ ] PREMISES—OPERATIONS					
A	[X] EXPLOSION AND COLLAPSE HAZARD	10 CLR P12407E	1-1-81/82	PROPERTY DAMAGE	$	$
	[ ] UNDERGROUND HAZARD					
	[ ] PRODUCTS/COMPLETED OPERATIONS HAZARD					
	[ ] CONTRACTUAL INSURANCE			BODILY INJURY AND PROPERTY DAMAGE COMBINED	$1,000	$
	[ ] BROAD FORM PROPERTY DAMAGE					
	[ ] INDEPENDENT CONTRACTORS					
	[ ] PERSONAL INJURY			PERSONAL INJURY		$
	AUTOMOBILE LIABILITY					
	[ ] COMPREHENSIVE FORM			BODILY INJURY (EACH PERSON)	$	
	[ ] OWNED			BODILY INJURY (EACH ACCIDENT)	$	
	[ ] HIRED			PROPERTY DAMAGE	$	
	[ ] NON-OWNED			BODILY INJURY AND PROPERTY DAMAGE COMBINED	$	
	EXCESS LIABILITY					
	[ ] UMBRELLA FORM			BODILY INJURY AND PROPERTY DAMAGE COMBINED	$	$
	[ ] OTHER THAN UMBRELLA FORM					
	WORKERS' COMPENSATION and EMPLOYERS' LIABILITY			STATUTORY		
					$	EACH ACCIDENT
	OTHER					

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES

OPERATIONS: All operations usual to the business of the insured, including underground mining activities.

Cancellation: Should any of the above described policies be cancelled before the expiration date thereof, the issuing company will endeavor to mail 10 days written notice to the below named certificate holder, but failure to mail such notice shall impose no obligation or liability of any kind upon the company.

CERTIFICATE HOLDER (PROPERTY OWNER)

Utah Board and Division of
Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116

DATE ISSUED March 18, 1981

Frank Prentice Hapgood

AUTHORIZED REPRESENTATIVE

Frank Prentice Hapgood

ACORD 25 (1/79)

WORK COPY

Certificate of Insurance

acord

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES LISTED BELOW.

NAME AND ADDRESS OF AGENCY

Marsh & McLennan, Inc.
1221 Avenue of the Americas
New York, NY 10020

COMPANIES AFFORDING COVERAGES

COMPANY LETTER A Hartford Accident & Indemnity Company

COMPANY LETTER B

COMPANY LETTER C

COMPANY LETTER D

COMPANY LETTER E

NAME AND ADDRESS OF INSURED

Consolidation Coal Company
Consol Plaza
1800 Washington Road
Pittsburgh, PA 15241

This is to certify that policies of insurance listed below have been issued to the insured named above and are in force at this time. Notwithstanding any requirement, term or condition of any contract or other document with respect to which this certificate may be issued or may pertain, the insurance afforded by the policies described herein is subject to all the terms, exclusions and conditions of such policies.

COMPANY LETTER	TYPE OF INSURANCE	POLICY NUMBER	POLICY EXPIRATION DATE	Limits of Liability in Thousands (000)	EACH OCCURRENCE	AGGREGATE
	GENERAL LIABILITY					
A	XX COMPREHENSIVE FORM	10 CLR P12420E	1-1-82/83	BODILY INJURY	$	$
	☐ PREMISES—OPERATIONS					
A	XX EXPLOSION AND COLLAPSE HAZARD	10 CLR P12420E	1-1-82/83	PROPERTY DAMAGE	$	$
	☐ UNDERGROUND HAZARD					
	☐ PRODUCTS/COMPLETED OPERATIONS HAZARD			BODILY INJURY AND PROPERTY DAMAGE COMBINED	$1,000	$
	☐ CONTRACTUAL INSURANCE					
	☐ BROAD FORM PROPERTY DAMAGE					
	☐ INDEPENDENT CONTRACTORS					
	☐ PERSONAL INJURY			PERSONAL INJURY		$
	AUTOMOBILE LIABILITY			BODILY INJURY (EACH PERSON)	$	
	☐ COMPREHENSIVE FORM			BODILY INJURY (EACH ACCIDENT)	$	
	☐ OWNED			PROPERTY DAMAGE	$	
	☐ HIRED			BODILY INJURY AND PROPERTY DAMAGE COMBINED	$	
	☐ NON-OWNED					
	EXCESS LIABILITY			BODILY INJURY AND PROPERTY DAMAGE COMBINED	$	$
	☐ UMBRELLA FORM					
	☐ OTHER THAN UMBRELLA FORM					
	WORKERS' COMPENSATION and EMPLOYERS' LIABILITY			STATUTORY		
					$	(EACH ACCIDENT)
	OTHER					

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES

OPERATIONS: All operations usual to the business of the insured, including underground mining activities.

Cancellation: Should any of the above described policies be cancelled before the expiration date thereof, the issuing company will endeavor to mail 10 days written notice to the below named certificate holder, but failure to mail such notice shall impose no obligation or liability of any kind upon the company.

NAME AND ADDRESS OF CERTIFICATE HOLDER

Division of Oil, Gas & Mining
Natural Resources and Energy
4241 State Office Building
Salt Lake City, UT 84114

DATE ISSUED: May 6, 1982

RECEIVED
MAY 17 1982
INS. DEPT.

Frank Prentice Hapgood

AUTHORIZED REPRESENTATIVE

Frank Prentice Hapgood

ACORD 25 (1-79)

Estimated Reclamation Cost	$222,400
Additional Cost to the Division	$ -0-
Additional Incidental Costs	$ -0-
Additional Cost Associated with Inflation and other Cost Increases for 5-Year Permit Term	$135,886
Total Proposed Performance Bond	$358,286

2.9 Other Licenses and Permits

The following table identifies other licenses and permits at the Emery Mine:

Emery Mine Permits and Licenses

Permit/License	ID Number	Issuing Authority	Status
Health & Safety	42-00079	Mine Health and Safety Admin. (MSHA)	Active
NPDES	022616	Environmental Protection Agency (EPA)	Active

2.10 Availability of Application for Public Inspection

A full copy of Consol's permit application will be available for public inspection at the following location:

Office of the County Clerk
Emery County Courthouse
Castle Dale, Utah 84513

2.11 Newspaper Advertisement

When the Division has deemed the application complete, Consol will publish an advertisement in the official newspaper of Emery County (Emery County Progress, Price, Utah). The advertisement will contain the information required in UMC 786.11 and will be published weekly for four consecutive weeks. A copy of the advertisement and proof of publication will be filed with the Division and made a part of the complete application not later than four weeks following the last date of publication.

BOARD OF DIRECTORS
CONSOLIDATION COAL COMPANY

R. E. Bailey
B. R. Brown
J. B. Cecil
J. E. Kircher
J. D. Morrow
C. J. Myers
W. N. Poundstone
R. E. Samples
S. Schwartz
T. S. Winton

All of the above can be reached at:

Consolidation Coal Company
Consol Plaza
Pittsburgh, PA 15241

2/11/81

Executive Management

R. E. Samples, Chairman of the Board and Chief Executive Officer

B. R. Brown, President and Chief Operating Officer

T. S. Winton, Executive Vice President - Corporate Affairs

J. B. Cecil, Executive Vice President - Planning & Development

W. N. Poundstone, Executive Vice President - Engineering

C. J. Myers, Executive Vice President - Sales

, Executive Assistant to the Chairman and Chief Executive Officer

Companywide Services Management

R. B. Atwater, Senior Vice President - Domestic Steam Sales

R. J. Friedrich, Senior Vice President - Metallurgical & Export Sales

P. S. Wellington, Vice President and General Counsel

T. R. Shook, Vice President and Controller

M. C. Mays, Vice President and Treasurer

R. H. Minor, Vice President and General Manager - Non-Mining Operations

D. D. Eyer, Vice President - Engineering

B. A. Beach, Vice President - Environmental Affairs

G. R. Spindler, Vice President - Exploration

W. E. N. Doty, Vice President - Planning and Economics

S. G. Young, Vice President - Government Affairs

D. E. O'Neil, Vice President - Public Relations

D. H. Adams, Vice President - International Development

R. M. Haynes, Vice President-Employee Relations

R. W. Hatch, Vice President-Safety

J. L. Collins, Vice President-Purchasing

P. F. Stanek, General Manager - Industrial Relations

P. K. Moore, Manager - Computer Services

H. D. Winton, Manager - Tax

All of the above are located at the Corporate Headquarters:

Consolidation Coal Company
Consol Plaza
Pittsburgh, PA 15241

Operating Management

B. R. Brown, President and Chief Operating Officer
Consol Plaza, Pittsburgh, PA 15241

C. W. McDonald, Vice President & Assistant to the President
Consol Plaza, Pittsburgh, PA 15241

J. Kristoff, Jr., Senior Vice President-Mining, Eastern Region
450 Racetrack Road, Washington, PA 15301

J. M. Richards, Senior Vice President-Mining, Northern West VA. Region
Vista Del-Rio, P.O. Box 1314, Morgantown, WV 26505

E. Frederick, Senior Vice President-Mining, Southern Appalachia Region
Pocahontas, VA 24635

G. G. Schneider, Senior Vice President-Mining, Midwestern Region
101 E. Plaza Blvd., Evansville, IN 47715

L. C. Fuller, Vice President-Mining, Western Region
2 Inverness Drive, Englewood, CO 80110

Non-Mining and Subsidiaries

D. R. Pattison, President, Fairmont Supply Company
Millcraft Center, 30 West Chestnut St., Washington, PA 15301

J. E. Roark, President, Consol Land Development Company
Consol Plaza., Pittsburgh, PA 15241

W. B. Jamison, President, Lee Engineering Division
200 Hidden Valley Road, McMurray, PA 15317

G. D. Douglas, General Manager, River Division
Elizabeth, PA 15037

Vice Presidents - Operations

H. D. Dahl, Vice President - Moundsville Operations,
Eastern Region, Box 537, Moundsville, WV 26041

J. M. Stock, Vice President - Washington Operations,
Eastern Region, 200 Hidden Valley Road, McMurray, PA 15317

J. L. Magro, Vice President - Blacksville Operations,
Northern West Virginia Region, P.O. Box 24, Wana, WV 26590

M. J. Hudak, Jr., Vice President - Fairmont Operations,
Northern West Virginia Region, P.O. Box 1632, Fairmont, WV 26554

M. Sansone, Vice President - Morgantown Operations,
Northern West Virginia Region, P.O. Box 100, Osage, WV 26543

W. D. Sharpenberg, Vice President - Beckley Operations,
Southern Appalachia Region, Itmann, WV 24847

S.E. Shrader, Vice President - Tazewell Operations,
Southern Appalachia Region, Horsepen, VA 24619

J. A. Shotton, Jr., Vice President - Illinois Surface Operations,
Midwestern Region, P.O. Box 218, Pinckneyville, IL 62274

C. M. Delloma, Vice President - Operations,
Midwestern Region, Cadiz, OH 43907

A. J. Hathaway, Manager of Mines - Allegheny Operations,
Eastern Region, Pleasant Street, Library, PA 15129

Officers, Partners, Directors, and Principals
Kemmerer Coal Company

John L. Kemmerer, Jr.	Director, Chairman of the Board 120 Broadway New York, NY 10005
John L. Kemmerer III	Director, Assistant to the Chariman 120 Broadway New York, NY 10005
Roy Coulson	Director, President Frontier, WY 83101
C.D. Cavanaugh, Jr.	Director, Vice President Finances-Treasurer 120 Broadway New York, NY 10005
O.F. Lorenzi	Director, Secretary, Asst. Treasurer Frontier, WY 83121
Coleman Burke	Director 120 Broadway New York, NY 10005
Gerald P. Olsen	Vice President, Operations Frontier, WY 83121
William Turner	Asst. Secretary, Asst. Treasurer 120 Broadway New York, NY 10005
John E. MacBride	Vice President, Sales Frontier, WY 83121

MINING PERMITS

CONSOLIDATION COAL COMPANY

CONSOL MINING PERMITS

EASTERN REGION

ALLEGHENY OPERATIONS

Regulatory Authority	ID Number	Decision Date	Status
Renton Mine			
PA DER (Ind. Waste)	IW 0273214	6/25/74	Active
Mathies Mine			
PA Dept. of Health	6370301	8/7/70	Active
Harmar Mine			
PA DER (Ind. Waste)	IW 0277201	4/25/78	Active
Laurel Mine			
PA DER (Ind. Waste)	IW 5673202	9/3/74	Active

MOUNDSVILLE OPERATIONS

Ireland Mine			
WV Dept. of Mines	D - 314	2/1/80	Active
WV DNR	P - 6052-80	1/18/80	Active
MSHA	46-01438		Active
Shoemaker Mine			
WV Dept. of Mines	D - 4791	2/1/80	Active
WV DNR	P-6051-80	1/18/80	Active
WV DNR-DOR	U.O. 225	1/4/78	Active
MSHA	46-01436		Active
WV DNR-DOR	U.O. Application	1/16/81	subtd Applicatio
McElroy Mine			
WV Dept. of Mines	D - 5443	2/1/80	Active
WV DNR	P-6055-80	1/25/80	Active
MSHA	46-01437		Active

WASHINGTON OPERATIONS

Westland 2 Mine			
PA DER	6375301	3/3/76	Active
Westland Mine			
PA DER	6369304	3/4/76	Active E-2

Regulatory Authority	ID Number	Decision Date	Status
Montour 4 Mine			
PA Dept. of Health	466MO21	5/22/67	Active
PA Dept. of Health	466MO23	11/16/67	Active
PA Dept. of Health	468MO08	5/10/68	Active
PA DER	6369303	4/18/73	Active

CHAMPION PREPARATION PLANT

PA DER (Ind. Waste)	IW 6377202	6/28/77	Active

ILLINOIS SURFACE OPERATIONS (contd.)

Regulatory Authority	ID Number	Decision Date	Status
Burning Star #3 (contd.)			
Il. Dept. Mines & Min.	467-76	6/27/75	Active
Il. Dept. Mines & Min.	515-78	12/15/75	Active
Il. Dept. Mines & Min.	574-79	7/8/76	Active
Il. Dept. Mines & Min.	574-79 (AMD#1)	10/11/77	Active
Il. Dept. Mines & Min.	574-79 (AMD#2)	12/28/77	Active
Il. Dept. Mines & Min.	574-79 (AMD#3)	7/12/78	Active
Il. Dept. Mines & Min.	574-79 (AMD#4)	11/7/79	Active
Il. Dept. Mines & Min.	716-81	7/12/78	Active
Il. Dept. Mines & Min.	716-81 (AMD#1)	12/7/79	Active
Il. Dept. Mines & Min.	814-82	11/7/79	Active
Burning Star #4			
Il. Dept. Mines & Min.	133-73	4/5/73	Active
Il. Dept. Mines & Min.	182-74	6/19/73	Active
Il. Dept. Mines & Min.	182-74 (AMD#1)	5/15/74	Active
Il. Dept. Mines & Min.	286-75	6/19/74	Active
Il. Dept. Mines & Min.	470-76	6/27/75	Active
Il. Dept. Mines & Min.	572-79	7/1/76	Active
Il. Dept. Mines & Min.	572-79 (AMD#1)	10/1/76	Active
Il. Dept. Mines & Min.	572-79 (AMD#2)	2/15/77	Active
Il. Dept. Mines & Min.	572-79 (AMD#3)	6/9/78	Active
Il. Dept. Mines & Min.	572-79 (AMD#4)	7/14/78	Active
Il. Dept. Mines & Min.	572-79 (AMD#5)	7/13/79	Active
Il. Dept. Mines & Min.	848-82	8/30/79	Active
Il. Dept. Mines & Min.	849-82	12/11/79	Active
Burning Star #5			
Il. Dept. Mines & Min.	471-76	6/27/75	Active
Il. Dept. Mines & Min.	570-79	7/1/76	Active
Il. Dept. Mines & Min.	570-79 (AMD#1)	6/13/77	Active
Il. Dept. Mines & Min.	570-79 (AMD#2)	4/4/78	Active
Il. Dept. Mines & Min.	570-79 (AMD#3)	7/27/79	Active
Il. Dept. Mines & Min.	570-79 (AMD#4)	2/15/80	Active
Il. Dept. Mines & Min.	895-82 (AMD#4)	12/11/79	Active
Norris Mine			
Il. Dept. Mines & Min.	034-71	2/22/70	Bond Release 9/10/74
Il. Dept. Mines & Min.	030-72	7/8/71	Bond Release 7/6/76

MIDWESTERN REGION

ILLINOIS SURFACE OPERATIONS

Regulatory Authority	ID Number	Decision Date	Status
Burning Star #2			
Il. Dept. Mines & Min.	034-71	7/22/70	Bond Release 9/10/74
Il. Dept. Mines & Min.	034-71 (AMD#1)	11/30/70	Bond Release 12/20/71
Il. Dept. Mines & Min.	030-72	7/8/71	Bond Release 7/6/76
Il. Dept. Mines & Min.	059-73	6/23/72	Bond Release 10/2/79
Il. Dept. Mines & Min.	178-74	6/1973	Bond Release 6-2-78
Il. Dept. Mines & Min.	287-75	6/19/74	Active
Il. Dept. Mines & Min.	287-75 (AMD#1)	4/25/75	Active
Il. Dept. Mines & Min.	468-76	6/27/75	Active
Il. Dept. Mines & Min.	522-78	2/10/76	Active
Il. Dept. Mines & Min.	522-78 (AMD#1)	7/3/79	Active
Il. Dept. Mines & Min.	573-79 (DS#2)	7/7/76	Active
Il. Dept. Mines & Min.	573-79 (AMD#1)	12/7/76	Active
Il. Dept. Mines & Min.	573-79 (AMD#2)	12/17/76	Active
Il. Dept. Mines & Min.	573-79 (AMD#3)	6/1/77	Active
Il. Dept. Mines & Min.	573-79 (AMD#4)	7/5/77	Active
Il. Dept. Mines & Min.	573-79 (AMD#5)	7/19/77	Active
Il. Dept. Mines & Min.	573-79 (AMD#6)	7/19/77	Active
Il. Dept. Mines & Min.	573-79 (AMD#7)	7/3/79	Active
Il. Dept. Mines & Min.	684-80 (DS#1)	7/5/77	Active
Il. Dept. Mines & Min.	684-80 (DS#3)	11/2/77	Active
Il. Dept. Mines & Min.	684-80 (AMD#1)	11/2/77	Active
Il. Dept. Mines & Min.	684-80 (AMD#2)	11/16/79	Active
Il. Dept. Mines & Min.	684-80 (AMD#3)	12/3/79	Active
Il. Dept. Mines & Min.	807-81	6/4/79	Active
Il. Dept. Mines & Min.	807-81 (AMD#1)	8/8/80	Active
Il. Dept. Mines & Min.	839-82	10/17/79	Active
Burning Star #3			
Il. Dept. Mines & Min.	034-71	7/22/70	Bond Release 9/10/74
Il. Dept. Mines & Min.	030-72	7/8/71	Bond Release 7/6/76
Il. Dept. Mines & Min.	057-73	6/23/72	Active
Il. Dept. Mines & Min.	057-73 (AMD#1)	1/22/73	Active
Il. Dept. Mines & Min.	166-74	6/15/73	Active
Il. Dept. Mines & Min.	285-75	6/19/74	Active

MW-3

ILLINOIS SURFACE OPERATIONS (contd.)

Regulatory Authority	ID Number	Decision Date	Status
Norris Mine (contd.)			
Il. Dept. Mines & Min.	067-73	6/26/72	Bond Release 12/09/76
Il. Dept. Mines & Min.	067-73 (PIT #3)	2/13/73	Bond Release 10/31/73
Il. Dept. Mines & Min.	176-74	6/18/73	Active
Il. Dept. Mines & Min.	337-75 (PIT #3)	7/26/74	Active
Il. Dept. Mines & Min.	337-75 (AMD #1)	1/31/75	Active
Il. Dept. Mines & Min.	337-75 (AMD#2)	6/26/75	Active
Il. Dept. Mines & Min.	469-76	6/27/75	Active
Il. Dept. Mines & Min.	526-78	3/19/76	Active
Il. Dept. Mines & Min.	561-79 (PIT 5,6)	7/1/76	Active
Il. Dept. Mines & Min.	561-79 (AMD#1)	7/27/79	Active
Il. Dept. Mines & Min.	855-82	7/12/79	Active

MIDWESTERN REGION

OHIO SURFACE OPERATIONS

Regulatory Authority	ID Number	Decision Date	Status
West Farms #22/Dozers #97			
OH DNR-DOR	B-0098 (Dozers)	8/25/72	Bond Release 11/20/75
OH DNR-DOR	B-0098 (AMD#1)	9/20/72	Bond Release 12/21/73
OH DNR-DOR	B-0098 (AMD#2)	1/12/73	Bond Release 12/21/73
OH DNR-DOR	B-0098 (AMD#3)	11/16/73	Bond Release 11/15/74
OH DNR-DOR	B-0390 (Dozers)	9/15/73	Bond Release 12/28/78
OH DNR-DOR	B-0390 (AMD#1)	7/19/74	Bond Release 12/20/74
OH DNR-DOR	B-0393	9/14/73	Bond Release 12/1/77
OH DNR-DOR	B-0499	12/19/73	Bond Release 12/1/77
OH DNR-DOR	B-0776 (Dozers)	10/2/74	Bond Release 11/12/76
OH DNR-DOR	B-0776 (AMD#1)	1/2/75	Bond Release 12/12/75
OH DNR-DOR	B-0887	12/27/74	Bond Release 6/6/75
OH DNR-DOR	B-1257	10/1/75	Bond Release 11/3/77
OH DNR-DOR	C-426	10/12/76	Bond Release 12/7/79
OH DNR-DOR	C-87 (Dozers)	1/13/77	Active
OH DNR-DOR	C-87 (AMD#1)	8/17/78	Active
OH DNR-DOR	C-821	2/1/78	Bond Release 2/29/80
Egypt Valley #21			
OH DNR-DOR	A-910	2/2/71	Active
OH DNR-DOR	A-1094	2/2/72	Bond Release 12/6/76
OH DNR-DOR	B-0247	2/1/73	Bond Release 12/2/77
OH DNR-DOR	B-0293 (GEM)	5/10/73	Active
OH DNR-DOR	B-0293 (AMD #1)	2/21/74	Bond Release 11/30/76
OH DNR-DOR	B-0594	4/11/74	Bond Release 2/5/79

MIDWESTERN REGION

OHIO SURFACE OPERATIONS

Regulatory Authority	ID Number	Decision Date	Status
Bradford #16			
OH DNR-DOR	A-813	6/17/71	Bond Release 7/21/75
OH DNR-DOR	A-1007	9/16/71	Bond Release 11/1/76
OH DNR-DOR	B-0114 (46-C)	9/15/72	Bond Release 3/22/74
OH DNR-DOR	B-0114 (AMD #1)	12/20/72	Bond Release 11/4/77
OH DNR-DOR	B-0390 (46-C)	9/15/73	Bond Release 12/28/78
OH DNR-DOR	B-0390 (AMD#1)	7/19/74	Bond Release 12/20/74
OH DNR-DOR	B-0733 (46-C)	8/23/74	Bond Release 11/13/78
OH DNR-DOR	B-0733 (AMD#1)	9/23/74	Bond Release 11/28/75
OH DNR-DOR	B-0922	1/23/75	Bond Release 9/21/76
OH DNR-DOR	B-1098	6/13/75	Bond Release 8/4/77
OH DNR-DOR	B-1199 (46-C)	8/22/75	Bond Release 12/1/78
OH DNR-DOR	B-1199 (AMD#1)	12/16/75	Bond Release 12/17/76
OH DNR-DOR	B-1225 (46-C)	9/11/75	Bond Release 7/29/77
OH DNR-DOR	B-1225 (AMD#1)	12/29/75	Bond Release 3/26/76
OH DNR-DOR	C-0254 (46-C)	6/10/76	Bond Release 12/1/78
OH DNR-DOR	C-0254 (AMD#1)	9/22/76	Bond Release 8/26/77
OH DNR-DOR	C-0254 (AMD#2)	10/27/76	Bond Release 8/26/77
OH DNR-DOR	C-0314 (46-C)	7/23/76	Active
OH DNR-DOR	C-0314 (AMD#1)	1/12/77	Active
OH DNR-DOR	C-0314 (AMD#2)	1/25/78	Active
OH DNR-DOR	C-0314 (AMD#3)	10/09/78	Active
OH DNR-DOR	C-0314 (AMD#4)	10/31/78	Active
OH DNR-DOR	C-1115 (46-C)	6/20/79	Active
OH DNR-DOR	C-1115 (AMD#1)	9/12/79	Active
OH DNR-DOR	C-1115 (AMD#2)	1/31/80	Active
OH DNR-DOR	C-1261 (46-C)	2/22/80	Active

MIDWESTERN REGION

OHIO SURFACE OPERATIONS

West Farms #22

Regulatory Authority	ID Number	Decision Date	Status
OH DNR-DOR	A-1008 (46-D)	9/16/71	Bond Release 11/1/76
OH DNR-DOR	A-1008 (AMD#1)	9/15/72	Bond Release 3/10/75
OH DNR-DOR	B-0113 (46-D)	9/15/72	Bond Release 12/1/76
OH DNR-DOR	B-0113 (AMD#1)	9/14/73	Bond Release 2/8/74
OH DNR-DOR	B-0113 (AMD#2)	1/9/74	Bond Release 4/13/75
OH DNR-DOR	B-0391 (46-D)	9/15/73	Bond Release 8/15/78
OH DNR-DOR	B-0391 (AMD#1)	1/23/74	Bond Release 8/15/78
OH DNR-DOR	B-0391 (AMD#2)	6/28/74	Bond Release 1/10/75
OH NDR-DOR	B-0735	8/23/74	Bond Release 8/15/78
OH DNR-DOR	B-0794 (46-D)	10/17/74	Bond Release 12/1/78
OH DNR-DOR	B-0794 (AMD#1)	3/11/75	Bond Release 2/26/79
OH DNR-DOR	B-0923 (46-D)	1/23/75	Bond Release 12/1/76
OH DNR-DOR	C-9 (46-D)	10/31/75	Bond Release 2/2/79
OH DNR-DOR	C-9 (AMD#1)	1/26/76	Bond Release 2/2/79
OH DNR-DOR	C-9 (AMD#2)	5/28/76	Bond Release 6/29/79
OH DNR-DOR	C-9 (AMD#3)	2/9/76	Bond Release 3/3/77
OH DNR-DOR	C-9 (AMD#4)	3/2/77	Active
OH DNR-DOR	C-9 (AMD#5)	3/2/77	Bond Release 2/2/79
OH DNR-DOR	C-0655	8/19/77	Bond Release 12/1/79

MIDWESTERN REGION

OHIO SURFACE OPERATIONS

Regulatory Authority	ID Number	Decision Date	Status
Mahoning Valley #33			
OH DNR-DOR	B-0793 (GEM)	10/17/74	Bond Release 7/31/78
OH DNR-DOR	B-0793 (AMD#1)	12/17/74	Bond Release 6/4/75
OH DNR-DOR	B-1258	10/1/75	Bond Release 10/10/78
OH DNR-DOR	B-1275	10/8/75	Bond Release 12/1/78
OH DNR-DOR	C-61	12/17/75	Active
OH DNR-DOR	C-61A (AMD#1)	6/3/76	Bond Release 3/25/76
OH DNR-DOR	C-61A (AMD#2)	8/11/76	Active
OH DNR-DOR	C-61-A (AMD#3)	11/9/76	Active
OH DNR-DOR	C-61A (AMD#4)	2/22/77	Bond Release 6/15/79
OH DNR-DOR	C-61A (AMD#5)	3/18/77	Bond Release 10/6/78
OH-DNR-DOR	B-0874 (GEM)	12/17/74	Bond Release 1/5/79
OH DNR-DOR	B-0874 (AMD#1)	3/6/75	Bond Release 3/24/76
OH DNR-DOR	B-0874 (AMD#2)	6/24/75	Bond Release 3/24/76
OH DNR-DOR	C-939 (GEM Dozer)	10/10/78	Active
OH DNR-DOR	C-939 (AMD#1)	10/16/78	Active
OH DNR-DOR	C-939 (AMD#2)	2/12/79	Active
OH DNR-DOR	C-939 (AMD#3)	3/8/79	Active
OH DNR-DOR	C-954	10/30/78	Active
OH DNR-DOR	C-965	11/9/78	Active
OH DNR-DOR	C-991	12/15/78	Active
OH-DNR-DOR	C-1045	3/2/79	Bond Release 12/21/79
OH DNR-DOR	C-1207	11/2/79	Active

MIDWESTERN REGION

OHIO SURFACE OPERATIONS

Regulatory Authority	ID Number	Decision Date	Status
Georgetown #24			
OH DNR-DOR	A-815	6/17/71	Bond Release 8/5/75
OH DNR-DOR	A-1009 (S.SPADE)	9/16/71	Bond Release 11/26/76
OH DNR-DOR	A-1009 (AMD#1)	9/16/71	Bond Release 3/10/75
OH DNR-DOR	B-0108 (S.SPADE)	9/15/72	Bond Release 12/20/76
OH DNR-DOR	B-0108 (AMD#1)	6/11/73	Bond Release 2/8/74
OH DNR-DOR	B-0108 (AMD#2)	1/9/74	Bond Release 11/15/74
OH DNR-DOR	B-0392 (S.SPADE)	9/15/73	Bond Release 9/1/77
OH DNR-DOR	B-0392 (AMD#1)	7/16/74	Bond Release 1/2/76
OH DNR-DOR	B-0813	11/6/74	Bond Release 12/28/78
OH DNR-DOR	C-14 (S.SPADE)	11/7/75	Active
OH DNR-DOR	C-14 (AMD#1)	11/6/76	Bond Release 3/24/78
OH DNR-DOR	C-0796 (S.SPADE)	1/31/78	Active
OH DNR-DOR	C-0796 (AMD#1)	6/22/79	Active
OH DNR-DOR	C-1251 (S.SPADE)	1/30/80	Active

MIDWESTERN REGION

OHIO SURFACE OPERATIONS

Regulatory Authority	ID Number	Decision Date	Status
Georgetown #12			
OH DNR-DOR	A-816	6/17/71	Bond Release 7/21/75
OH DNR-DOR	A-1010 (46-B)	9/16/71	Bond Release 11/26/76
OH DNR-DOR	A-1010 (AMD#1)	9/16/71	Bond Release 3/10/75
OH DNR-DOR	B-0107 (46-B)	9/15/72	Bond Release 11/14/75
OH DNR-DOR	B-0107 (AMD#1)	1/9/74	Bond Release 6/28/74
OH DNR-DOR	B-0112 (46-B)	9/15/72	Bond Release 11/20/75
OH DNR-DOR	B-0112 (AMD#1)	2/15/74	Bond Release 4/26/74
OH-DNR-DOR	B-0272	5/16/73	Bond Release 12/18/75
OH DNR-DOR	B-0352 (46-B)	7/31/73	Bond Release 12/16/77
OH DNR-DOR	B-0352 (AMD#1)	1/24/74	Bond Release 11/1/74
OH DNR-DOR	B-0578 (46-B)	4/2/74	Bond Release 11/10/77
OH DNR-DOR	B-0578 (AMD#1)	7/19/74	Bond Release 5/23/75
OH DNR-DOR	B-0844	12/3/74	Bond Release 12/18/75
OH DNR-DOR	B-0994 (46-B)	3/29/75	Bond Release 12/25/78
OH-DNR-DOR	B-0994 (AMD#1)	1/12/76	Bond Release 5/21/76
OH DNR-DOR	C-170 (46-B)	3/28/77	Active
OH DNR-DOR	C-170 (AMD#1)	11/5/76	Active
OH DNR-DOR	C-170 (AMD#2)	11/17/76	Bond Release 2/15/77
OH DNR-DOR	C-170 (AMD#3)	2/23/77	Active
OH DNR-DOR	C-170 (AMD#4)	5/9/77	Bond Release 4/29/79
OH DNR-DOR	C-0797	1/31/78	Active
OH DNR-DOR	C-0797 (AMD#1)	4/18/79	Active
OH DNR-DOR	C-0797 (AMD#2)	4/18/79	Active
OH DNR-DOR	C-1049	3/21/79	Active
OH DNR-DOR	C-1053	3/27/79	Active

MW-10

MIDWESTERN REGION

OHIO SURFACE OPERATIONS

Regulatory Authority	ID Number	Decision Date	Status
Egypt Valley #28			
OH DNR-DOR	B-2017 (60-E)	12/15/72	Bond Release 12/9/75
OH DNR-DOR	B-2017 (AMD#1)	2/8/74	Bond Release 4/12/74
OH DNR-DOR	B-0223 (60-E)	12/29/72	Bond Release 6/5/75
OH DNR-DOR	B-0223 (AMD#1)	1/14/73	Bond Release 7/5/74
OH DNR-DOR	B-0236 (60-E)	1/18/73	Bond Release 9/29/78
OH DNR-DOR	B-0612 (60-E)	4/22/74	Bond Release 12/21/79
OH DNR-DOR	B-0612 (AMD#1)	9/18/74	Bond Release 6/6/75
OH DNR-DOR	B-0634 (60-E)	5/16/74	Bond Release 5/2/75
OH DNR-DOR	B-0791 (60-E)	10/16/74	Bond Release 12/21/79
OH DNR-DOR	B-0953 (60-E)	2/24/75	Bond Release 12/21/79
OH DNR-DOR	B-0953 (AMD#1)	10/24/75	Bond Release 10/12/79
OH DNR-DOR	B-0953 (AMD#2)	12/2/75	Bond Release 10/12/79
OH DNR-DOR	B-0953 (AMD#3)	1/16/76	Bond Release 10/12/79
OH DNR-DOR	B-1135 (60-E)	7/2/75	Bond Release 10/16/79
OH DNR-DOR	B-1182 (60-E)	8/7/75	Bond Release 12/20/79
OH DNR-DOR	B-1182 (AMD#1)	12/29/75	Bond Release 3/4/77
OH DNR-DOR	B-1182 (AMD#2)	1/12/76	Bond Release 3/4/77
OH DNR-DOR	B-1224	9/11/75	Bond Release 9/29/78
OH DNR-DOR	C-0144 (60-E)	2/23/76	Bond Release 11/23/79
OH DNR-DOR	C-0144 (AMD#1)	10/12/76	Bond Release 11/23/79

MIDWESTERN REGION

OHIO SURFACE OPERATIONS

Regulatory Authority	ID Number	Decision Date	Status
Egypt Valley #28 (contd.)			
OH DNR-DOR	C-0144 (AMD#2)	2/20/76	Bond Release 1/12/77
OH DNR-DOR	C-527 (60-E)	3/2/77	Active
OH DNR-DOR	C-527 (AMD#1)	11/2/77	Active
OH DNR-DOR	C-527 (AMD#2)	4/14/78	Active
OH DNR-DOR	C-527 (AMD#3)	5/11/78	Active
OH DNR-DOR	C-527 (AMD#4)	7/25/78	Active
OH DNR-DOR	C-527 (AMD#5)	1/10/79	Active
OH DNR-DOR	C-527-C	11/29/78	Active
Egypt Valley #27			
OH DNR-DOR	B-0437	11/6/73	Bond Release 4/1/77
OH DNR-DOR	B-0451	11/13/73	Bond Release 9/29/78
OH DNR-DOR	B-0567	3/18/74	Bond Release 10/17/77
OH DNR-DOR	B-0734 (46-A)	8/23/74	Bond Release 11/17/78
OH DNR-DOR	B-0734 (AMD#1)	12/17/74	Bond Release 6/14/76
OH DNR-DOR	B-0734 (AMD#2)	6/11/75	Bond Release 10/16/75
OH DNR-DOR	B-1050	5/20/75	Bond Release 10/24/75
Egypt Valley #26			
OH DNR-DOR	B-0246	2/1/73	Bond Release 12/2/78
OH DNR-DOR	B-0621	4/29/74	Bond Release 1/9/79
OH DNR-DOR	B-0980	3/17/75	Bond Release 12/11/78
OH DNR-DOR	B-1095 (550-B)	6/11/75	Active
OH DNR-DOR	B-1095 (AMD#1)	9/19/75	Bond Release 11/23/76
OH DNR-DOR	B-1095 (AMD#2)	12/1/75	Bond Release 11/23/76
OH DNR-DOR	B-1095 (AMD#3)	12/2/75	Bond Release 11/23/76

MIDWESTERN REGION

OHIO SURFACE OPERATIONS

Regulatory Authority	ID Number	Decision Date	Status
Egypt Valley #26 (contd.)			
OH DNR-DOR	B-1172 (550-B)	8/1/75	Bond Release 12/1/78
OH DNR-DOR	C-0273 (550-B)	6/22/76	Active
OH DNR-DOR	C-0273 (AMD#1)	10/19/76	Bond Release 4/1/77
OH DNR-DOR	C-0273 (AMD#2)	1/7/77	Bond Release 4/1/77
Egypt Valley #21/#39			
OH NDR-DOR	B-0560 (200-WB)	3/7/74	Bond Release 4/18/75
OH DNR-DOR	B-0560 (AMD#1)	5/9/74	Bond Release 4/18/75
OH DNR-DOR	B-0560 (AMD#2)	5/9/74	Bond Release 11/18/76
OH DNR-DOR	B-0560 (AMD#30	5/16/74	Active
OH DNR-DOR	B-0964 (200-WB)	3/7/75	Active
OH DNR-DOR	B-0964 (AMD#1)	7/1/75	Bond Release 1/14/77
Fairview Dozers #81			
OH DNR-DOR	B-0168	4/29/74	Bond Release 12/16/75
OH DNR-DOR	B-0618 (AMD#1)	7/16/74	Bond Release 12/16/75
OH DNR-DOR	B-1259	10/1/75	Bond Release 12/7/78
OH DNR-DOR	B-0775	10/2/74	Bond Release 1/7/77

NORTHERN WEST VIRGINIA REGION

BLACKSVILLE OPERATIONS

Regulatory Authority	ID Number	Decision Date	Status
Blacksville No.1			
MSHA	46-01867		Active
WV Dept. of Mines	D-6159	1/31/80	Active
WV DNR-WRD	P-5976-78	8/8/78	Active
Blacksville No.2			
MSHA	46-01968		Active
WV Dept. of Mines	D-5744	1/31/80	Active
WV DNR-WRD	P-5977-78	8/8/78	Active

FAIRMONT OPERATIONS

Williams #98			
MSHA	46-01319		Active
WV Dept. of Mines	D-657	1/31/80	Active
Robinson Run #95			
MSHA	46-01318		Active
WV Dept. of Mines	D-4786-S	1/31/80	Active
WV DNR-WRD	P-6073-80	5/5/80	Active
WV DNR-DOR	U.O. 539	3/7/80	Active
Loveridge #22			
MSHA	46-01433		Active
WV Dept. of Mines	D-403	1/31/80	Active
WV DNR-WRD	P-6075-80	5/5/80	Active
WV DNR-DOR	U.W. 477	10/12/79	Active
Dents Run Mine			
WV DNR-DOR	U.O. 431	6/28/79	Active
WV DNR-WRD	P-6067-80	4/2/80	Active
WV DNR	P-593	7/29/80	submtd application
Four States #20			
MSHA	46-01431		Active
WV Dept. of Mines	D-6402	1/31/80	Active
WV DNR-WRD	P-6072-80	4/28/80	Active
WV DNR-DOR	U.O. 504	12/17/79	Active

NORTHERN WEST VIRGINIA REGION

MORGANTOWN OPERATIONS

Regulatory Authority	ID Number	Decision Date	Status
Pursglove #15			
MSHA	46-01454		Active
WV Dept. of Mines	D-416	1/31/80	Active
Osage #3			
MSHA	46-01455		Active
WV Dept. of Mines	D-414	1/31/80	Active
Arkwright #1			
MSHA	46-01452		Active
WV Dept.of Mines	D-413	1/31/80	Active
WV DNR-WRD	P-5935-77	10/2/77	Active
mphrey #7			
MSHA	46-01453		Active
WV Dept. of Mines	D-415	1/31/80	Active
WV DNR-WRD	P-5956-78	4/8/78	Active

SOUTHERN APPALACHIA REGION

BECKLEY OPERATIONS

Regulatory Authority	ID Number	Decision Date	Status
Amonate Mine			
VA DMLR	618 (Surf.Mine)	9/13/71	Bond Release 8/22/73
VA DMLR	725 (Surf. Mine)	2/7/72	Bond Release 8/23/73
Buckey Mine			
WV DNR	D-2475 (Undergrnd)	1965	Mine Closed
MSHA	46-01546 (Undrgrd)	1965	Mine Closed
MSHA	46-03242 (Prep.Plt)	1965	Mine Closed
MSHA	1211 WV 40070P (Refuse Dump)	1/9/76	Mine Closed
Balbank Mine			
WV DNR	147-74 (Surf.Mine)	7/31/74	Active
Crane Creek #6			
WV DNR	D-246 (Underground)	1962	Active
MSHA	46-01586 (Underground)	1962	Active
Crane Creek #11			
WV DNR	D-9190 (Underground)	1975	Active
MSHA	46-04969 (Underground)	1975	Active
Crane Creek Plant			
MSHA	46-02827 (Prep. Plant)	1972	Active

SOUTHERN APPALACHIA REGION

BECKLEY OPERATIONS

Regulatory Authority	ID Number	Decision Date	Status
Crane Creek Refuse			
MSHA	1211 WV 40726P	1972	Active
MSHA	1211 WV 40707 I	1972	Active
Horsepen Mine			
VA DMLR	1046 (Surf. Mine)	10/20/72	Active
WV DNR	152-72	8/1/72	Bond Release 8/27/76
WV DNR	V-82 (Valley Fill)	8/13/74	Active
WV DNR	31-73 (Surf. Mine)	3/7/73	Active
WV DNR	28-75 (Surf. Mine)	2/7/75	Bond Release 1/5/79
WV DNR	102-78 (Surf. Mine)	5/25/78	Active
Itmann Mine			
WV DNR	94-71 (Underground)	12/28/71	Bond Release 3/26/74
Itmann #1			
WV DNR	D-899	1949	Active
MSHA	46-01540	1949	Active
Itmann #2			
WV DNR	D-900	1958	Active
MSHA	46-01885	1958	Active
Itmann #3 and #3A			
WV DNR	D-901	1960	Active
MSHA	46-01576	1960	Active

SOUTHERN APPALACHIA REGION

BECKLEY OPERATIONS

Regulatory Authority	ID Number	Decision Date	Status
Itmann #3 and #3B			
WV DNR	D-901	1960	Active
MSHA	46-01567	1960	Active
Itmann Plant			
MSHA	46-02252	1949	Active
Itmann Refuse			
MSHA	1211 WV 40709 P	1949	Active
MSHA	1211 WV 40709 I	1949	Active
Lynco Mine			
WV DNR	230-75 (Surf.Mine)	10/30/75	Mine Closed
Maitland Mine			
MSHA	46-011409 (Underground)	1967	Active
WV DNR	D-5047	1967	Active
Pocahontas Plant			
MSHA	44-02841	1972	Closed 1979
Pocahontas Refuse			
MSHA	1211 Wv 50075-01	1972	Exp. 1979
MSHA	1211 WV 50075-02	1972	Exp. 1979
Reed Mine			
VA DMLR	1714	3/21/75	Bond Release 1979
VA DMLR	2073	6/14/76	Bond Release 1979

SOUTHERN APPALACHIA REGION

BECKLEY OPERATIONS

Regulatory Authority	ID Number	Decision Date	Status
Rowland Refuse			
MSHA	1211 WV 40057 I	1971	Active
MSHA	1211 WV 40056 I	1968	Active
ROWLAND #3			
WV DNR	D-6921-S	1970	Active
MSHA	46-01986	1970	Active
Rowland #4			
WV DNR	D-8382-S	1973	Active
MSHA	46-03501	1973	Active
Rowland #9			
WV DNR	D-9111-S	1975	Active
MSHA	46-4370	1975	Active
Rowland #10			
WV DNR	D-8496-S	1973	Active
MSHA	46-03882	1973	Active
Rowland #11			
WV DNR	D-10217-S	1979	Active
MSHA	46-05625	1979	Active
Rowland Surface Mine			
WV DNR	30-74	1968	Active
WV DNR	9-76	1968	Active
WV DNR	124-75	1968	Active
MSHA	46-02236	1971	Active

SOUTHERN APPALACHIA REGION

BECKLEY OPERATIONS

Regulatory Authority	ID Number	Decision Date	Status
Rowland Auger			
MSHA	46-002237	1971	Mine Closed
Rowland Plant			
MSHA	46-03181	1968	Active
Shawnee Mine			
WVDNR	SMA 2564	N.A.	
Tennessee Refuse			
MSHA	1211 TN 701001-01	1967	Active
MSHA	1211 TN 701001-02	1967	Active
MSHA	1211 TN 701001-03	1967	Active
Three Forks Mine			
WV DNR	19-78	2/2/78	Active
WV DNR	S-391	3/15/79	Active
Turkey Gap Mine			
WV DNR	D-2514	1941	Active
MSHA	46-01443	1941	Active
WV DNR	D-6351	1941	Active
MSHA	46-02056	1941	Active
Turkey Gap Plant			
MSHA	46-02828	1941	Active
Turkey Gap Refuse			
MSHA	1211 WV 40703 I	1941	Active

SOUTHERN APPALACHIA REGION

TAZEWELL OPERATIONS

Regulatory Authority	ID Number	Decision Date	Status
Amonate #31			
WV DNR	D-9663	1976	Active
MSHA	46-04421	1976	Active
Amonate Plant			
MSHA	46-05449	1976	Active
Amonate Refuse			
MSHA	1211 WV 40737-01	1976	Active
Beechfork Mine			
VA DNR	D-8140	1972	Mine Closed
MSHA	46-02701	1972	Mine Closed
Bishop #33-37			
WV DNR	D-3034	1931	Active
MSHA	46-01868	1931	Active
Bishop #34			
WV DNR	D-182	1931	Active
MSHA	46-01400	1931	Active
Bishop #36			
WV DNR	D-6640	1971	Active
MSHA	46-02154	1971	Active
Bishop Shop			
MSHA	46-02379	1931	Active
Bishop Plant			
MSHA	46-02380	1931	Active

SOUTHERN APPALACHIA REGION

TAZEWELL OPERATIONS

Regulatory Authority	ID Number	Decision Date	Status
Bishop Refuse			
MSHA	1211 WV 400081	1931	Active
Dryfork Mine			
VA DNR	D-0147	1975	Active
MSHA	46-01868	1975	Active
Eckman #9			
WV DNR	D-10076	1977	Active
MSHA	46-05194	1977	Active
Eckman #11			
WV DNR	D-5157	1967	Mine Closed
MSHA	46-011410	1967	Mine Closed
Eckman-Page			
WV DNR	D-65115	1971	Active
MSHA	46-01584	1971	Active
Eckman-Page Refuse			
MSHA	1211 WV 40727 P	1971	Active
Jenkinjones Mine			
MSHA	46-04533	1976	Active
Jenkinjones #4			
WV DNR	D-9007	1976	Active

SOUTHERN APPALACHIA REGION

TAZEWELL OPERATIONS

Regulatory Authority	ID Number	Decision Date	Status
Jenkinjones #6-1			
WV DNR	D-5457	1969	Active
MSHA	46-01412	1969	Active
Jenkinjones Plant			
MSHA	46-02785	1971	Active
Jenkinjones Refuse			
MSHA	1211 WV 40028 I	1971	Active
MSHA	1211 WV 40028 P	1971	Active
MSHA	1211 WV 40738 I	1971	Active
Pageton Plant			
MSHA	46-02273	1971	Active
Pageton Refuse			
MSHA	1211 WV 40706 I	1971	Active
Matthews Mine			
TN SURF. MIN.& REC. DIV.	138	1967	Active
MSHA	4000520	1967	Active

WESTERN REGION

GLENHAROLD MINE

Regulatory Authority	ID Number	Decision Date	Status
ND PSC	3	12/4/69	Exp. 1/1/77
ND PSC	19	1/2/73	Exp. 1/1/80
ND PSC	26	9/24/74	Exp. 9/22/79
ND PSC	28	1/7/75	Exp. 11/29/79
ND PSC	29	6/23/75	Exp. 6/1/79
ND PSC	41	2/24/77	Exp. 8/1/79
ND PSC	44	9/6/77	Active
ND PSC	50	11/10/78	Active
ND PSC	51	6/25/79	Active
ND PSC	52	6/25/79	Active
ND PSC	53	6/25/79	Active

VELVA MINE

ND PSC	3	12/4/69	Exp. 1/1/77
ND PSC	19	1/2/73	Exp. 1/1/79
ND PSC	27	12/19/74	Active
ND PSC	33	7/22/76	Active
ND PSC	54	6/26/79	Active

EMERY MINE

UT DNR, Oil, Gas & Min.	Act/015/015	6/24/77	Active

BURNHAM MINE

NM Coal Surf. Min. Comm.	8	12/19/77	Active
Navajo Nation	Approval of above	5/8/79	
Dept.of Int.	M & R Plan Approval	1/11/80	

PRONGHORN MINE

USGS	M & R Plan Appl.	Submitted 10/7/76	
OSM	M & R Plan Appl.	Submitted 3/1/79	Revised 1/2/80
WY DEQ Land Qual.Div.	TFN 1 4/97	Submitted 3/1/79	Revised 11/30/79

WESTERN REGION

GLENHAROLD MINE

Regulatory Authority	ID Number	Decision Date	Status
ND PSC	3	12/04/69	Exp. 01/01/77
ND PSC	19	01/02/73	Exp. 01/01/80
ND PSC	26	09/24/74	Exp. 09/22/79
ND PSC	28	01/07/75	Exp. 11/29/79
ND PSC	29	06/23/75	Exp. 06/01/79
ND PSC	41	02/24/77	Exp. 08/01/79
ND PSC	44	09/06/77	Active
ND PSC	50	11/10/78	Active
ND PSC	51	06/25/79	Active
ND PSC	52	06/25/79	Active
ND PSC	53	06/25/79	Active
ND PSC	CCGH-7906	10/15/79	Active
ND PSC	Currently in Review Process	Submitted 02/21/80	Not Yet Active

VELVA MINE

ND PSC	3	12/04/69	Exp. 01/01/77
ND PSC	19	01/02/73	Exp. 01/01/79
ND PSC	27	12/19/74	Active
ND PSC	33	07/22/76	Active
ND PSC	54	06/26/79	Active

EMERY MINE

UT DNR, Oil, Gas & Min.	Act/015/015	06/24/77	Active

BURNHAM MINE

NM Coal Surf. Min. Comm.	8	12/19/77	Not yet Act.
Navajo Nation	Approval of above	05/08/79	Not yet Act.
USGS/BIA	M&R plan appl.	Submitted 12/04/75	Not yet Act.
Dept. of Interior	M&R plan appl.	01/11/80	Not yet Act.

PRONGHORN MINE

USGS	M&R plan appl.	Submitted 10/07/76	
OSM	M&R plan appl.	Submitted 03/01/79	Revised 01/02/80
WY DEQ Land Qual. Div.	TFN 1 4/97	Submitted 03/01/79	Revised 11/30/79

MINING PERMITS

KEMMERER COAL COMPANY

Kemmerer Coal Company
Mining Permits

Mine Name: South Block
Regulatory Authority: Wyoming, Department of Environmental Quality

Permits and Approvals	Approval Date	
Conversion to 1969 Law	June	1971
Permit 379C	June	1975
Amendment 1	Dec.	1976
Amendment 2	Jan.	1977
Amendment 3	Mar.	1978
8-U-D Modification	Feb.	1979
Cartcher Sand and Gravel	Oct.	1979
Solid Waste Landfill	Apr.	1979
NPDES Permit	Aug.	1979
Permit 379C		
Amendment 4	Apr.	1980

NOTICES OF VIOLATION

CONSOLIDATION COAL COMPANY

NAME OF FACILITY GLENHAROLD TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE MERCER ND WESTERN REGION WESTERN OPERATIONS

VIOLATION OF: NDCC CHAP.61-28; NPDES R33-16-01 SECTION 04; 06; 08

STATED PROBLEM DISCHARGE W/O PERMIT; EXCEEDING EFFLUENT LIMITATIONS; FAILURE TO REPORT TYPE

LOCATION APPLICABLE DISCHARGE POINTS I

ISSUING AGENCY ND STATE HEALTH DEPT

VIOLATION DATE 11/28/78 VIOLATION ORDER CASE 78-297-WPC NUMBER 01 OF 01

****REQUIRED ACTION****

COMPLETE REMEDIAL ACTION
COMPLIANCE DATE 12/28/78 EXTENSIONS / / / /

****CONSOLS ACTION****

OBTAINED NPDES APPROVAL; REBUILT PONDS; REPORTED DISCHARGES
DATE CORRECTED 12/28/78

STATUS OF ORDER: TERMINATED DATE 09/04/79 ENTRY DATE 08/29/80
ASSESSMENT $18,000 DATE 08/10/79
SETTLEMENT $12,000 DATE 09/04/79

NAME OF FACILITY GLENHAROLD TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE MERCER ND WESTERN REGION WESTERN OPERATIONS

VIOLATION OF: NDCC CHAPTER 38-14 SECTION 03

STATED PROBLEM REMOVAL OF TOPSOIL PRIOR TO OBTANING VALID PERMIT TYPE

LOCATION E1/2, NE1/4, SECTION 16

ISSUING AGENCY ND PSC

VIOLATION DATE 05/11/78 VIOLATION ORDER CASE 9783-PSC NUMBER 01 OF 02

****REQUIRED ACTION**** ****CONSOLS ACTION****

PREVENT SIMILAR OCCURRENCES IN THE FUTURE
COMPLIANCE DATE / / EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: TERMINATED DATE 06/01/78 ENTRY DATE 08/29/80
ASSESSMENT $500 DATE 06/01/78
SETTLEMENT $500 DATE 07/03/78

NAME OF FACILITY GLENHAROLD TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE MERCER ND WESTERN REGION WESTERN OPERATIONS

VIOLATION OF: NDCC CHAPTER 38-14 SECTION 03.1

STATED PROBLEM CONSTRUCTION OF HAULROAD AND POND W/O WRITTEN APPROVAL TYPE

LOCATION E1/2, NE1/4, SECTION 16

ISSUING AGENCY ND PSC

VIOLATION DATE 05/11/78 VIOLATION ORDER CASE 9783-PSC NUMBER 02 OF 02

****REQUIRED ACTION**** ****CONSOLS ACTION****

PREVENT SIMILAR OCCURRENCES IN THE FUTURE
COMPLIANCE DATE / / EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: TERMINATED DATE 06/01/78 ENTRY DATE 08/29/80
ASSESSMENT $500 DATE 06/01/78
SETTLEMENT $500 DATE 07/03/78

NAME OF FACILITY GLENHAROLD TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE MERCER ND WESTERN REGION WESTERN OPERATIONS

VIOLATION OF: NDCC CHAPTER 38-14 SECTION 03.1

STATED PROBLEM FAILURE TO OBTAIN PERMIT PER 11/20/78 NOTICE OF NON-COMPLIANCE TYPE

LOCATION ACTIVE PIT

ISSUING AGENCY ND PSC

VIOLATION DATE 11/27/78 CESSATION ORDER CASE 9890-PSC NUMBER 01 OF 01

****REQUIRED ACTION****

CEASE MINING
COMPLIANCE DATE 11/27/78 EXTENSIONS / / / /

****CONSOLS ACTION****

OBTAINED PERMIT,MINING DID NOT HAVE TO STOP
DATE CORRECTED 11/27/78

STATUS OF ORDER: TERMINATED DATE 11/27/78 ENTRY DATE 08/29/80
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY GLENHAROLD TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE MERCER ND WESTERN REGION WESTERN OPERATIONS

VIOLATION OF: NDCC CHAPTER 38-14 SECTION 03

STATED PROBLEM MINING W/O PERMIT TYPE

LOCATION ACTIVE PIT

ISSUING AGENCY ND PSC

VIOLATION DATE 11/20/78 VIOLATION ORDER CASE 9890-PSC NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

OBTAIN PERMIT
COMPLIANCE DATE 11/27/78 EXTENSIONS / / / /

OBTAINED PERMIT EXTENSION
DATE CORRECTED 11/27/78

STATUS OF ORDER: TERMINATED DATE 11/27/78 ENTRY DATE 08/29/80
ASSESSMENT $750 DATE 02/27/79
SETTLEMENT $750 DATE 03/08/79

NAME OF FACILITY VELVA TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE WARD ND WESTERN REGION WESTERN OPERATIONS

VIOLATION OF: NDCC CHAP.38-14; ND REGULATIONS SECTION 38-14-05(2)

STATED PROBLEM DISTURBING SURFACE BEFORE TOPSOIL REMOVAL TYPE

LOCATION ACTIVE AREA

ISSUING AGENCY ND PSC

VIOLATION DATE 05/18/79 VIOLATION ORDER CASE 9964-PSC NUMBER 01 OF 03

****REQUIRED ACTION****

REMOVE AND STOCKPILE TOPSOIL AND SUBSOIL
COMPLIANCE DATE / / EXTENSIONS / / / /

****CONSOLS ACTION****

REMOVED AND STOCKPILED SOIL TO PSC'S SATISFACTION
DATE CORRECTED / /

STATUS OF ORDER: TERMINATED DATE 10/09/79 ENTRY DATE 08/29/80
ASSESSMENT $400 DATE 10/01/79
SETTLEMENT $400 DATE 10/09/79

NAME OF FACILITY VELVA TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE WARD ND WESTERN REGION WESTERN OPERATIONS

VIOLATION OF: NDCC CHAP.38-14; ND REGULATIONS SECTION 38-14-05(2)

STATED PROBLEM DISTURBED STOCKPILES; MIXED TOPSOIL AND SUBSOIL TYPE

LOCATION SOIL STOCKPILES

ISSUING AGENCY ND PSC

VIOLATION DATE 05/18/79 VIOLATION ORDER CASE 9964-PSC NUMBER 02 OF 03

****REQUIRED ACTION****

REHABILITATE AFFECTED STOCKPILES
COMPLIANCE DATE / / EXTENSIONS / / / /

****CONSOLS ACTION****

RESHAPED STOCKPILES, RECOVERED DISTURBED SOILS
DATE CORRECTED / /

STATUS OF ORDER: TERMINATED DATE 10/09/79 ENTRY DATE 08/29/80
ASSESSMENT $400 DATE 10/01/79
SETTLEMENT $400 DATE 10/09/79

NAME OF FACILITY VELVA TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE WARD ND WESTERN REGION WESTERN OPERATIONS

VIOLATION OF: NDCC CHAP.38-14; ND REGULATIONS SECTION 69-06-11-15

STATED PROBLEM OPERATION W/O WRITTEN APPROVAL TYPE

LOCATION DIVERSION DITCH

ISSUING AGENCY ND PSC

VIOLATION DATE 05/18/79 VIOLATION ORDER CASE 9964-PSC NUMBER 03 OF 03

****REQUIRED ACTION****

PREVENT SIMILAR OCCURENCES IN THE FUTURE
COMPLIANCE DATE / / EXTENSIONS / / / /

****CONSOLS ACTION****

ASSURANCE THAT SIMILAR VIOLATIONS WILL NOT BE REPEATED
DATE CORRECTED / /

STATUS OF ORDER: TERMINATED DATE 06/07/79 ENTRY DATE 08/29/80
ASSESSMENT $0 DATE 10/01/79
SETTLEMENT DATE / /

NAME OF FACILITY GLENHAROLD TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE MERCER ND WESTERN REGION WESTERN OPERATIONS

VIOLATION OF: NDCC CHAPTER 38-14 SECTION 05

STATED PROBLEM FAILURE TO REMOVE SOIL MATERIAL TYPE

LOCATION ACCESS ROAD

ISSUING AGENCY ND PSC

VIOLATION DATE 07/19/79 VIOLATION ORDER CASE 9986-PSC NUMBER 01 OF 04

****REQUIRED ACTION**** ****CONSOLS ACTION****

REMOVE AND STOCKPILE SOIL MATERIALS SOILS WERE REMOVED AND STOCKPILED
COMPLIANCE DATE 09/19/79 EXTENSIONS / / / / DATE CORRECTED 09/19/79

STATUS OF ORDER: TERMINATED DATE 09/26/79 ENTRY DATE 08/29/80
ASSESSMENT $0 DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY GLENHAROLD TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE MERCER ND WESTERN REGION WESTERN OPERATIONS

VIOLATION OF: ND REGULATIONS SECTION 69-05-11-05

STATED PROBLEM FAILURE TO STABILIZE DIVERSION DITCH TYPE

LOCATION ACTIVE AREA

ISSUING AGENCY ND PSC

VIOLATION DATE 07/19/79 VIOLATION ORDER CASE 9986-PSC NUMBER 02 OF 04

****REQUIRED ACTION****

STABILIZE DIVERSION DITCH
COMPLIANCE DATE 08/19/79 EXTENSIONS / / / /

****CONSOLS ACTION****

DITCH WAS STABILIZED WITH STRAW BALE DIKES
DATE CORRECTED 08/19/79

STATUS OF ORDER: TERMINATED DATE 11/19/79 ENTRY DATE 08/29/80
ASSESSMENT $1,500 DATE / /
SETTLEMENT $1,500 DATE 11/19/79

NAME OF FACILITY GLENHAROLD TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE MERCER ND WESTERN REGION WESTERN OPERATIONS

VIOLATION OF: ND REGULATIONS SECTION 69-05-11-02

STATED PROBLEM FAILURE TO PASS DRAINAGE THROUGH SEDIMENTATION POND TYPE

LOCATION ACTIVE AREA

ISSUING AGENCY ND PSC

VIOLATION DATE 07/19/79 VIOLATION ORDER CASE 9986-PSC NUMBER 03 OF 04

****REQUIRED ACTION**** ****CONSOLS ACTION****

CONSTRUCT POND OR ELIMINATE DISTURBANCE IN THE AREA : SPOIL MATERIAL REMOVED FROM UNCONTROLLED AREA
COMPLIANCE DATE 08/19/79 EXTENSIONS / / / / DATE CORRECTED 08/19/79

STATUS OF ORDER: TERMINATED DATE 11/19/79 ENTRY DATE 08/29/80
ASSESSMENT $1,000 DATE / /
SETTLEMENT $1,000 DATE 11/19/79

NAME OF FACILITY GLENHAROLD TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE MERCER ND WESTERN REGION WESTERN OPERATIONS

VIOLATION OF: NDCC CHAP.38-14; ND REGULATIONS SECTION 69-05-09-01

STATED PROBLEM SLUMP WHICH COVERED SUITABLE PLANT GROWTH MATERIALS TYPE

LOCATION HAUL ROAD FILL

ISSUING AGENCY ND PSC

VIOLATION DATE 08/06/79 VIOLATION ORDER NOV 1-PSC NUMBER 01 OF 01

****REQUIRED ACTION****

REMOVE SLUMP MATERIALS; REBUILD ROAD
COMPLIANCE DATE 09/06/79 EXTENSIONS / / / /

****CONSOLS ACTION****

REMOVED SLUMP MATERIALS; REBUILT ROAD TO PSC-APPROVED SPECS
DATE CORRECTED 09/06/79

STATUS OF ORDER: TERMINATED DATE 08/06/79 ENTRY DATE 08/29/80
ASSESSMENT $0 DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY GLENHAROLD TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE MERCER ND WESTERN REGION WESTERN OPERATIONS

VIOLATION OF: NDCC CHAP.38-14; ND REGULATIONS SECTION 69-051-11-14

STATED PROBLEM SEDIMENTATION OF UNDISTURBED DRAINAGE COURSE TYPE

LOCATION OUTSIDE PERMIT AREA BELOW DEWATERED POND

ISSUING AGENCY ND PSC

VIOLATION DATE 08/23/79 VIOLATION ORDER NOV 2-PSC NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

REMOVE MATERIAL FROM DRAINAGE COURSE NONE POSSIBLE-STORM RUNOFF WASHED MATERIAL COMPLETELY AWAY
COMPLIANCE DATE 09/23/79 EXTENSIONS / / / / DATE CORRECTED 08/27/79

STATUS OF ORDER: TERMINATED DATE 10/18/79 ENTRY DATE 08/29/80
ASSESSMENT $7,000 DATE 10/29/79
SETTLEMENT $7,000 DATE 11/16/79

NAME OF FACILITY GLENHAROLD TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE MERCER ND WESTERN REGION WESTERN OPERATIONS

VIOLATION OF: NDCC CHAP.38-14; ND REGULATIONS SECTION 69-05.1-11-09

STATED PROBLEM HAULROAD EMBANKMENT SLUMP; SEDIMENTATION OF UNDISTURBED AREAS TYPE

LOCATION NE1/4,NE1/4,SE1/4,SEC.19,T144N,R84W

ISSUING AGENCY ND PSC

VIOLATION DATE 10/11/79 VIOLATION ORDER NOV 3-PSC NUMBER 01 OF 01

****REQUIRED ACTION****	****CONSOLS ACTION****
DEWATER IMPOUNDMENT COMPLIANCE DATE 10/16/79 EXTENSIONS / / / /	DEWATERED IMPOUNDMENT DATE CORRECTED 10/16/79
PROVIDE DESIGN FOR STABILIZATION OF EMBANKMENT COMPLIANCE DATE 10/29/79 EXTENSIONS / / / /	PROVIDED REQUIRED DESIGNS DATE CORRECTED 10/20/79
ORDER MODIFIED ON 12/21/79 COMPLIANCE DATE / / EXTENSIONS / / / /	COMPLETED STABILIZATION AND PROVIDED RECLAMATION PLAN DATE CORRECTED 12/31/79

STATUS OF ORDER: TERMINATED DATE 10/10/80 ENTRY DATE 01/07/81
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY GLENHAROLD TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE MERCER ND WESTERN REGION WESTERN OPERATIONS

VIOLATION OF: NDCC CHAP.38-14; ND REGULATIONS SECTION 38-14-05(3),(5)

STATED PROBLEM SEDIMENTATION OF UNDISTURBED LAND TYPE

LOCATION NE1/4,SEC.13,T144N,R85W

ISSUING AGENCY ND PSC

VIOLATION DATE 10/11/79 VIOLATION ORDER NOV 4-PSC NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

STABILIZE SLOPES AND SEED IN SPRING 1980 STABILIZED SLOPES
COMPLIANCE DATE 01/11/80 EXTENSIONS / / / / DATE CORRECTED 01/07/80

STATUS OF ORDER: TERMINATED DATE 11/20/80 ENTRY DATE 01/07/81
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY GLENHAROLD TYPE OF FACILITY SURFACE PROCESS DATE: 01/07/81

COUNTY AND STATE MERCER ND WESTERN REGION WESTERN OPERATIONS

VIOLATION OF: NDCC CHAPTER 38-14; ND REGULATIONS SECTION 24

STATED PROBLEM FAILURE TO MEET EFFLUENT STANDARDS (TSS = 663 MG/L) TYPE SMCRA

LOCATION DIVERSION OVERFLOW 350' NW OF CRUSHER

ISSUING AGENCY ND PSC

VIOLATION DATE 02/18/80 VIOLATION ORDER NOV 5-PSC NUMBER 01 OF 01

****REQUIRED ACTION****

TREAT DRAINAGE PRIOR TO DISCHARGE FROM PERMIT AREA
COMPLIANCE DATE 02/28/80 EXTENSIONS / / / /

****CONSOLS ACTION****

INSTALLED HEATED PIPELINE FROM SUMP TO SEDIMENT POND
DATE CORRECTED 02/15/80

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT $0 DATE 11/03/80
SETTLEMENT $0 DATE 11/03/80

NAME OF FACILITY GLENHAROLD TYPE OF FACILITY SURFACE PROCESS DATE: 01/07/81

COUNTY AND STATE MERCER ND WESTERN REGION WESTERN OPERATIONS

VIOLATION OF: NDCC CHAPTER 38-14; ND REGULATIONS SECTION 10, 5

STATED PROBLEM FAILURE TO CONSTRUCT SEDIMENTATION POND; EXCEEDED EFFLUENT STANDARDS TYPE SMCRA

LOCATION SW 1/4 SEC 18, NW 1/4 SEC 19, T144N, R84W

ISSUING AGENCY ND PSC

VIOLATION DATE 06/24/80 VIOLATION ORDER NOV 7-PSC NUMBER 01 OF 01

****REQUIRED ACTION****	****CONSOLS ACTION****
DESIGN, CONSTRUCT, MAINTAIN SEDIMENTATION POND	CONSTRUCTED SEDIMENTATION POND
COMPLIANCE DATE 07/25/80 EXTENSIONS 08/10/80 / /	DATE CORRECTED 08/10/80

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT $24,500 DATE 11/03/80
SETTLEMENT DATE / /

NAME OF FACILITY BURNING STAR #3 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE RANDOLPH IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: IL INTERIM REGULATIONS SECTION 17 3.2(26)

STATED PROBLEM EXCESSIVE AIRBLAST (130.5 DB) ON 4/3/80 TYPE

LOCATION ROBBINS PIT (1560)

ISSUING AGENCY IL DEPT MINES & MINERALS

VIOLATION DATE 04/08/80 VIOLATION ORDER 1-1-80 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

LIMIT AIRBLAST TO 128 DB FOR 90 DAYS
COMPLIANCE DATE 07/08/80 EXTENSIONS / / / / DATE CORRECTED / /

OBTAIN VIBRATION AND AIRBLAST RECORDS FOR ALL SHOTS :
COMPLIANCE DATE 07/08/80 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY BURNING STAR #3 TYPE OF FACILITY SURFACE PROCESS DATE: 09/29/80

COUNTY AND STATE RANDOLPH IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: IL INTERIM REGULATIONS SECTION 3.2 (26)

STATED PROBLEM EVIDENCE OF FLYROCK ON GERLACH PROPERTY TYPE SMCRA

LOCATION BLASTING OPERATION NORTH FIELD

ISSUING AGENCY IL DEPT MINES & MINERALS

VIOLATION DATE 05/23/80 VIOLATION ORDER 1-10-80 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

CONTROL FLYROCK
COMPLIANCE DATE 08/25/80 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY BURNING STAR #3 TYPE OF FACILITY SURFACE PROCESS DATE: 09/29/80

COUNTY AND STATE RANDOLPH IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: IL INTERIM REGULATIONS SECTION 3.2 (26)

STATED PROBLEM EXCESSIVE AIRBLAST ON 8/28/80 TYPE SMCRA

LOCATION NORTH FIELD

ISSUING AGENCY IL DEPT MINES & MINERALS

VIOLATION DATE 09/03/80 VIOLATION ORDER 1-15-80 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

CONTROL AIRBLAST; ISSUE WRITTEN INSTRUCTIONS
COMPLIANCE DATE 09/18/80 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY BURNING STAR #5 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE JACKSON IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: IL INTERIM REGULATIONS SECTION 17 3.2(26)

STATED PROBLEM EXCESSIVE PEAK PARTICLE VELOCITY (1.08 METER;1.2 VIBRA-TECH) ON 3/25/80 TYPE

LOCATION SOUTHEAST FIELD

ISSUING AGENCY IL DEPT MINES & MINERALS

VIOLATION DATE 04/08/80 VIOLATION ORDER 1-2-80 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

CONTROL VIBRATION AND AIRBLAST TO LIMITS FOR 60 DAYS
COMPLIANCE DATE 06/08/80 EXTENSIONS / / / / DATE CORRECTED / /

RECORD VIBRATION & AIRBLAST IF SCALE DISTANCE 60 EXCEEDED
COMPLIANCE DATE 06/08/80 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY ARKWRIGHT #1 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 01/22/81

COUNTY AND STATE MONONGALIA WV NORTHERN WEST VIRGINIA REGION MORGANTOWN OPERATIONS

VIOLATION OF: WV CODE CHAP 20 ART 5A SECTION 5(3)

STATED PROBLEM DISCHARGE OF UNTREATED WATER W/O PERMIT TYPE SMCRA

LOCATION STEWARTS RUN AIR SHAFT POND

ISSUING AGENCY WV DNR

VIOLATION DATE 01/02/81 VIOLATION ORDER 1-2-81-DNR NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY BURNING STAR #4 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE PERRY IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: IL INTERIM REGULATIONS SECTION 3.2 (26)

STATED PROBLEM EXCEEDED BLASTING LIMITS W/ 1.6 IN/SEC, 129 DB ON 4/26/80 TYPE SMCRA

LOCATION SOUTH FIELD 1550 PIT

ISSUING AGENCY IL DEPT MINES & MINERALS

VIOLATION DATE 04/29/80 VIOLATION ORDER 1-5-80 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

KEEP FUTURE BLASTS W/IN LIMITS
COMPLIANCE DATE 06/30/80 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY BURNING STAR #4 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE PERRY IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: IL INTERIM REGULATIONS SECTION 3.2 (26)

STATED PROBLEM FAILURE TO KEEP SEISMOGRAPH RECORDS FOR 3 BLASTS ON 4/21/80 TYPE SMCRA

LOCATION SOUTH FIELD 1550 PIT

ISSUING AGENCY IL DEPT MINES & MINERALS

VIOLATION DATE 04/29/80 VIOLATION ORDER 1-6-80 NUMBER 01 OF 01

****REQUIRED ACTION****

****CONSOLS ACTION****

OBTAIN AIR BLAST & VIBRATION READINGS FOR FUTURE BLASTS
COMPLIANCE DATE 07/28/80 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY BURNING STAR #5 TYPE OF FACILITY SURFACE PROCESS DATE: 09/29/80

COUNTY AND STATE JACKSON IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: IL INTERIM REGULATIONS SECTION 3.2 (26)

STATED PROBLEM EXCEEDED BLASTING LIMITS W/ 130 DB ON 5/3/80, 132.5 DB ON 5/5/80 TYPE SMCRA

LOCATION SOUTHEAST FIELD

ISSUING AGENCY IL DEPT MINES & MINERALS

VIOLATION DATE 05/08/80 VIOLATION ORDER 1-7-80 NUMBER 01 OF 01

****REQUIRED ACTION****

KEEP FUTURE BLASTS W/IN LIMITS
COMPLIANCE DATE 07/08/80 EXTENSIONS / / / / DATE CORRECTED / /

****CONSOLS ACTION****

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY BURNING STAR #3 TYPE OF FACILITY SURFACE PROCESS DATE: 09/29/80

COUNTY AND STATE RANDOLPH IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: IL INTERIM REGULATIONS SECTION 3.2 (26)

STATED PROBLEM EXCESSIVE AIRBLAST TYPE SMCRA

LOCATION BLASTING OPERATION IN ROBBINS PIT

ISSUING AGENCY IL DEPT MINES & MINERALS

VIOLATION DATE 05/22/80 VIOLATION ORDER 1-8-80 NUMBER 01 OF 01

****REQUIRED ACTION****

REDUCE AIRBLAST
COMPLIANCE DATE / / EXTENSIONS / / / /

****CONSOLS ACTION****

COMPLETED BLASTING IN AREA
DATE CORRECTED 05/23/80

STATUS OF ORDER: TERMINATED DATE 05/29/80 ENTRY DATE 09/29/80
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY BURNING STAR #3 TYPE OF FACILITY SURFACE PROCESS DATE: 09/29/80

COUNTY AND STATE RANDOLPH IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: IL INTERIM REGULATIONS SECTION 3.2 (26)

STATED PROBLEM FAILURE TO OBTAIN VIBRATION AND AIRBLAST RECORDS TYPE SMCRA

LOCATION BLASTING OPERATION IN ROBBINS PIT

ISSUING AGENCY IL DEPT MINES & MINERALS

VIOLATION DATE 05/22/80 VIOLATION ORDER 1-9-80 NUMBER 01 OF 01

****REQUIRED ACTION****

PERFORM ALL REQUIRED MONITORING
COMPLIANCE DATE / / EXTENSIONS / / / /

****CONSOLS ACTION****

COMPLETED BLASTING IN AREA
DATE CORRECTED 05/23/80

STATUS OF ORDER: TERMINATED DATE 05/29/80 ENTRY DATE 09/29/80
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY ITMANN MINE TYPE OF FACILITY UNDERGROUND PROCESS DATE: 09/29/80

COUNTY AND STATE WYOMING WV ITMANN COAL COMPANY INVALID

VIOLATION OF: WV CODE CHAP. 20 ART. 3A SECTION NOT INDICATED

STATED PROBLEM FAILURE TO CORRECT RIGHT-OF-WAY HAZARD TYPE SMCRA

LOCATION AREA SURROUNDING RIGHT OF WAY

ISSUING AGENCY WV DNR

VIOLATION DATE 10/27/78 VIOLATION ORDER 10-27-78-DNR NUMBER 01 OF 02

****REQUIRED ACTION**** ****CONSOLS ACTION****

ELIMINATE HAZARD AT RIGHT-OF-WAY
COMPLIANCE DATE / / EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: TERMINATED DATE 11/16/78 ENTRY DATE 08/29/80
ASSESSMENT $45 DATE 11/16/78
SETTLEMENT $45 DATE 11/16/78

LEGAL PROCEEDINGS MAGISTRATE HEARING DATE INITIATED 11/16/78
LOCATION OF PROCEEDINGS WV HEARING AUTHORITY WYOMING COUNTY MAGISTRATE
PROCEEDING STATUS RESOLVED - FINE PAID DECISION DATE 11/16/78

NAME OF FACILITY LOVERIDGE #22 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 01/07/81

COUNTY AND STATE MARION WV NORTHERN WEST VIRGINIA REGION FAIRMONT OPERATIONS

VIOLATION OF: WV CODE CHAPTER 20 SECTION 8

STATED PROBLEM BEGAN CONSTRUCTION W/O APPROVED DR-23 TYPE OTHER

LOCATION LLEWLYN TREATMENT PLANT

ISSUING AGENCY WV DNR

VIOLATION DATE 11/17/80 VIOLATION ORDER 10-27-80-DNR NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

SUBMIT DR-23 FORM
COMPLIANCE DATE 12/01/80 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY BURNING STAR #3 TYPE OF FACILITY SURFACE PROCESS DATE: 09/29/80

COUNTY AND STATE RANDOLPH IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: IL INTERIM REGULATIONS SECTION 3.2 (26)

STATED PROBLEM EXCESSIVE AIRBLAST TYPE SMCRA

LOCATION BLASTING OPERATION

ISSUING AGENCY IL DEPT MINES & MINERALS

VIOLATION DATE 03/28/79 VIOLATION ORDER 10-79 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

REVISE BLASTING PROCEDURES
COMPLIANCE DATE 04/30/79 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY HUMPHREY #7 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MONONGALIA WV NORTHERN WEST VIRGINIA REGION MORGANTOWN OPERATIONS

VIOLATION OF: WV CODE CHAP. 20 SECTION 9

STATED PROBLEM FAILURE TO REPORT SLURRY SPILL TYPE

LOCATION THICKENER; BROKEN SLURRY LINE

ISSUING AGENCY WV DNR

VIOLATION DATE 11/14/78 VIOLATION ORDER 11-14-78-DNR NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

PREVENT SIMILAR OCCURENCES IN THE FUTURE ADJUSTED SYSTEM AND MADE NECESSARY REPAIRS
COMPLIANCE DATE / / EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: TERMINATED DATE 12/19/78 ENTRY DATE 08/29/80
ASSESSMENT $250 DATE 12/19/78
SETTLEMENT $250 DATE 12/19/78

LEGAL PROCEEDINGS MAGISTRATE HEARING DATE INITIATED 12/19/78
LOCATION OF PROCEEDINGS MORGANTOWN WV HEARING AUTHORITY MAGISTRATE
PROCEEDING STATUS CLOSED - FINE ASSESSED DECISION DATE 12/19/79

NAME OF FACILITY DENTS RUN #79 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 01/07/81

COUNTY AND STATE MARION WV NORTHERN WEST VIRGINIA REGION FAIRMONT OPERATIONS

VIOLATION OF: WV CODE CHAPTER 20 SECTION 8

STATED PROBLEM BEGAN CONSTRUCTION W/O APPROVED DR-23 TYPE OTHER

LOCATION RAILROAD SPUR

ISSUING AGENCY WV DNR

VIOLATION DATE 11/17/80 VIOLATION ORDER 11-14-80-DNR NUMBER 01 OF 01

****REQUIRED ACTION****

****CONSOLS ACTION****

CEASE WORK ON RAILROAD;SUBMIT DR-23 BEFORE RESUMING

COMPLIANCE DATE / / EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY ROWLAND STRIP TYPE OF FACILITY SURFACE PROCESS DATE: 09/29/80

COUNTY AND STATE RALEIGH WV SOUTHERN APPALACHIA REGION BECKLEY OPERATIONS

VIOLATION OF: WV CODE CHAP. 20 ART. 6A SECTION NOT INDICATED

STATED PROBLEM PLACING SPOIL OUTSIDE PERMIT AREA TYPE SMCRA

LOCATION AREA SURROUNDING PERMIT AREA

ISSUING AGENCY WV DNR

VIOLATION DATE 11/30/78 VIOLATION ORDER 11-30-78-DNR NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

PREVENT SIMILAR OCCURENCES IN THE FUTURE
COMPLIANCE DATE / / EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: TERMINATED DATE / / ENTRY DATE 09/29/80
ASSESSMENT DATE / /
SETTLEMENT DATE / /

LEGAL PROCEEDINGS DATE INITIATED / /
LOCATION OF PROCEEDINGS HEARING AUTHORITY WYOMING COUNTY MAGISTRATE
PROCEEDING STATUS RESOLVED - FINE PAID DECISION DATE / /

NAME OF FACILITY BURNING STAR #3 TYPE OF FACILITY SURFACE PROCESS DATE: 09/29/80

COUNTY AND STATE RANDOLPH IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: IL INTERIM REGULATIONS SECTION 2.6

STATED PROBLEM MINING OPERATIONS OUTSIDE PERMIT AREA TYPE SMCRA

LOCATION SE 1/4, T5S, R6W

ISSUING AGENCY IL DEPT MINES & MINERALS

VIOLATION DATE 02/20/80 VIOLATION ORDER 11-80 NUMBER 01 OF 01

****REQUIRED ACTION****

RETURN SPOIL TO W/IN PEMIT AREA; RECLAIM AFFECTED AREA
COMPLIANCE DATE 03/17/80 EXTENSIONS / / / /

****CONSOLS ACTION****

COMPLETED REMEDIAL ACTION
DATE CORRECTED 03/14/80

STATUS OF ORDER: TERMINATED DATE 04/17/80 ENTRY DATE 09/29/80
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY LOVERIDGE #22 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 01/07/81

COUNTY AND STATE MONONGALIA WV NORTHERN WEST VIRGINIA REGION FAIRMONT OPERATIONS

VIOLATION OF: WV CODE CHAPTER 20 SECTION 9

STATED PROBLEM FAILURE TO SUBMIT PROGRESS MAPS TYPE SMCRA

LOCATION SOUTH GATE SHAFT

ISSUING AGENCY WV DNR

VIOLATION DATE 12/01/80 VIOLATION ORDER 12-1-80-DNR NUMBER 01 OF 01

****REQUIRED ACTION****

****CONSOLS ACTION****

SUBMIT PROGRESS MAPS IMMEDIATELY
COMPLIANCE DATE / / EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY ROBINSON RUN #95 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 01/07/81

COUNTY AND STATE MARION WV NORTHERN WEST VIRGINIA REGION FAIRMONT OPERATIONS

VIOLATION OF: WV CODE CHAPTER 20 SECTION 9A

STATED PROBLEM PETROLEUM WASTE IN POND;OUTFLOW BLOCKED;EROSION OF EMBANKMENT TYPE SMCRA

LOCATION SLOAN SHAFT AREA

ISSUING AGENCY WV DNR

VIOLATION DATE 12/03/80 VIOLATION ORDER 12-3-80-DNR NUMBER 01 OF 01

****REQUIRED ACTION****

****CONSOLS ACTION****

REMOVE WASTES;UNBLOCK OUTLETS;EXTEND DITCH
COMPLIANCE DATE 12/03/80 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY ROBINSON RUN #95 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 01/07/81

COUNTY AND STATE MARION WV NORTHERN WEST VIRGINIA REGION FAIRMONT OPERATIONS

VIOLATION OF: WV CODE CHAPTER 20 SECTION 5, 19

STATED PROBLEM DISCHARGE W/O PERMIT; FISH KILL ON 9/5/80 TYPE WATER

LOCATION SLOAN SHAFT AREA

ISSUING AGENCY WV DNR

VIOLATION DATE 12/04/80 VIOLATION ORDER 12-4-80-DNR NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY CHAMPION PREP PLANT TYPE OF FACILITY PREP PLANT PROCESS DATE: 08/29/80

COUNTY AND STATE WASHINGTON PA EASTERN REGION WASHINGTON OPERATIONS

VIOLATION OF: PA CLEAN STREAMS LAW SECTION 200

STATED PROBLEM BLACK WATER DISCHARGE TYPE

LOCATION UNNAMED TRIBUTARY TO LITTLE RACCOON RUN

ISSUING AGENCY PA FISH COMMISSION

VIOLATION DATE 12/06/78 VIOLATION ORDER 12-6-78-FISH NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

STATUS OF ORDER: TERMINATED DATE 12/21/78 ENTRY DATE 08/29/80
ASSESSMENT $100 DATE 12/06/78
SETTLEMENT $100 DATE 12/21/78

NAME OF FACILITY LAUREL TYPE OF FACILITY PREP PLANT PROCESS DATE: 08/29/80

COUNTY AND STATE SOMERSET PA EASTERN REGION ALLEGHENY OPERATIONS

VIOLATION OF: PA CLEAN STREAMS LAW SECTION 200

STATED PROBLEM ACID WATER DISCHARGE TYPE

LOCATION REFUSE AREA INTO MILLER'S RUN

ISSUING AGENCY PA FISH COMMISSION + DER

VIOLATION DATE 12/15/78 VIOLATION ORDER 12-78-FISH-DER NUMBER 01 OF 01

****REQUIRED ACTION****

CONTROL DISCHARGE
COMPLIANCE DATE 05/24/79 EXTENSIONS / / / /

****CONSOLS ACTION****

INSTALLED COLLECTION AND PUMPING FACILITIES TO AMD PLANT
DATE CORRECTED 05/24/79

STATUS OF ORDER: TERMINATED DATE 06/26/79 ENTRY DATE 08/29/80
ASSESSMENT $4,000 DATE 05/24/79
SETTLEMENT $4,000 DATE 06/26/79

NAME OF FACILITY BURNING STAR #3 TYPE OF FACILITY SURFACE PROCESS DATE: 09/29/80

COUNTY AND STATE RANDOLPH IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: IL INTERIM REGULATIONS SECTION 3.2 (26)

STATED PROBLEM EXCESSIVE PEAK PARTICLE VELOCITY TYPE SMCRA

LOCATION BLASTING OPERATION IN SE PIT

ISSUING AGENCY IL DEPT MINES & MINERALS

VIOLATION DATE 02/26/80 VIOLATION ORDER 15-80 NUMBER 01 OF 01

****REQUIRED ACTION****

REDUCE GROUND VIBRATION
COMPLIANCE DATE / / EXTENSIONS / / / / DATE CORRECTED / /

****CONSOLS ACTION****

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY BURNING STAR #3 TYPE OF FACILITY SURFACE PROCESS DATE: 09/29/80

COUNTY AND STATE RANDOLPH IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: IL INTERIM REGULATIONS SECTION 3.2 (26)

STATED PROBLEM FAILURE TO OBTAIN SEISMOGRAPH READING TYPE SMCRA

LOCATION BLASTING OPERATION IN SE PIT

ISSUING AGENCY IL DEPT MINES & MINERALS

VIOLATION DATE 02/26/80 VIOLATION ORDER 16-80 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

OBTAIN SEISMOGRAPH READINGS WHEN SCALE DIST. 60 EXCEEDED
COMPLIANCE DATE / / EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY BRADFORD TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE HARRISON OH MIDWESTERN REGION OHIO SURFACE OPERATIONS

VIOLATION OF: OSMR 1501 SECTION 13-11-05(A)

STATED PROBLEM FAILURE TO PASS ALL DRAINAGE THROUGH SEDIMENT POND TYPE

LOCATION SLIDE AREA OF YEAR THREE

ISSUING AGENCY OH DNR

VIOLATION DATE 02/07/80 VIOLATION ORDER 1625 NUMBER 01 OF 01

****REQUIRED ACTION****

ABATE THE VIOLATION
COMPLIANCE DATE 03/07/80 EXTENSIONS / / / /

****CONSOLS ACTION****

PASSED ALL DRAINAGE THROUGH SEDIMENTATION POND
DATE CORRECTED 03/05/80

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY GEORGETOWN 12 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE HARRISON OH MIDWESTERN REGION OHIO SURFACE OPERATIONS

VIOLATION OF: OSMR 1501 SECTION 13-11-01(B)

STATED PROBLEM INSUFFICIENT SEDIMENT RETAINING CAPACITY TYPE

LOCATION SEDIMENT POND NUMBER FIVE

ISSUING AGENCY OH DNR

VIOLATION DATE 02/05/80 VIOLATION ORDER 1626 NUMBER 01 OF 02

****REQUIRED ACTION**** ****CONSOLS ACTION****

ABATE THE VIOLATION ENLARGED POND
COMPLIANCE DATE 03/08/80 EXTENSIONS / / / / DATE CORRECTED 03/08/80

STATUS OF ORDER: TERMINATED DATE 05/01/80 ENTRY DATE 08/29/80
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY GEORGETOWN 12 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE HARRISON OH MIDWESTERN REGION OHIO SURFACE OPERATIONS

VIOLATION OF: OSMR 1501 SECTION 13-11-01(O)

STATED PROBLEM FAILURE TO PASS ALL DRAINAGE THROUGH SEDIMENT POND TYPE

LOCATION AFFECTED AREA AROUND POND FIVE

ISSUING AGENCY OH DNR

VIOLATION DATE 02/05/80 VIOLATION ORDER 1626 NUMBER 02 OF 02

****REQUIRED ACTION****

ABATE THE VIOLATION
COMPLIANCE DATE 03/08/80 EXTENSIONS / / / /

****CONSOLS ACTION****

PASSED ALL DRAINAGE THROUGH POND
DATE CORRECTED 03/08/80

STATUS OF ORDER: TERMINATED DATE 05/01/80 ENTRY DATE 08/29/80
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY BURNING STAR #3 TYPE OF FACILITY SURFACE PROCESS DATE: 09/29/80

COUNTY AND STATE RANDOLPH IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: IL INTERIM REGULATIONS SECTION 3.2 (26)

STATED PROBLEM EXCESSIVE AIRBLAST TYPE SMCRA

LOCATION BLASTING OPERATION IN SE PIT

ISSUING AGENCY IL DEPT MINES & MINERALS

VIOLATION DATE 02/26/80 VIOLATION ORDER 17-80 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

REDUCE AIRBLAST
COMPLIANCE DATE / / EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY MAHONING VALLEY TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE BELMONT OH MIDWESTERN REGION OHIO SURFACE OPERATIONS

VIOLATION OF: OHIO REVISED CODE SECTION 1513.16

STATED PROBLEM FAILURE TO COMPLETE BACKFILLING,GRADING,RESOILING W/IN PRESCRIBED TIME TYPE

LOCATION PERMIT AREA C-61

ISSUING AGENCY OHIO DNR - DOR

VIOLATION DATE 01/09/78 VIOLATION ORDER 1710 NUMBER 01 OF 01

****REQUIRED ACTION****

COMPLETE WORK AS SOON AS POSSIBLE
COMPLIANCE DATE / / EXTENSIONS / / / /

****CONSOLS ACTION****

WORK COMPLETED AND APPROVED
DATE CORRECTED 09/11/77

STATUS OF ORDER: TERMINATED DATE 09/11/78 ENTRY DATE 08/29/80
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY GEORGETOWN 12 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE HARRISON OH MIDWESTERN REGION OHIO SURFACE OPERATIONS

VIOLATION OF: OSMR 1501 SECTION 13-5-11(6)

STATED PROBLEM TOPSOIL STOCKPILE ERODING INTO MINING PIT TYPE SMCRA

LOCATION PERMIT AREA C-797

ISSUING AGENCY OH DNR

VIOLATION DATE 05/27/80 VIOLATION ORDER 1998 NUMBER 01 OF 01

****REQUIRED ACTION****

ABATE THE VIOLATION
COMPLIANCE DATE 06/11/80 EXTENSIONS / / / /

****CONSOLS ACTION****

PUSHED TOPSOIL UPSLOPE TO STABLE AREA
DATE CORRECTED 05/30/80

STATUS OF ORDER: TERMINATED DATE 06/02/80 ENTRY DATE 08/29/80
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY SHAWNEE STRIP TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: WV RECLAMATION REGULATIONS : SECTION 98.02

STATED PROBLEM PLACED MATERIALS OVER SLOPE MORE THAN 20 DEGREES TYPE

LOCATION AREA ON DOWNSLOPE

ISSUING AGENCY WV DNR

VIOLATION DATE 02/20/80 VIOLATION ORDER 2-20-80-DNR NUMBER 01 OF 02

****REQUIRED ACTION****

RECLAIM ALL DISTURBED AREAS DOWNSLOPE
COMPLIANCE DATE 03/20/80 EXTENSIONS / / / / DATE CORRECTED / /

****CONSOLS ACTION****

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY SHAWNEE STRIP TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: WV CODE-CHAPTER 20 SECTION 14

STATED PROBLEM PLACED MATERIALS BEYOND LAND THAT HAS BEEN BONDED TYPE

LOCATION APPLICABLE AREA

ISSUING AGENCY WV DNR

VIOLATION DATE 02/20/80 VIOLATION ORDER 2-20-80-DNR NUMBER 02 OF 02

****REQUIRED ACTION**** ****CONSOLS ACTION****

BEGIN REGRADING AND RECLAIMING OUTSIDE BONDED AREA
COMPLIANCE DATE 03/20/80 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY ROBINSON RUN #95 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE HARRISON WV NORTHERN WEST VIRGINIA REGION FAIRMONT OPERATIONS

VIOLATION OF: WV CODE-CHAPTER 20 SECTION 14

STATED PROBLEM PLACED MATERIALS OUTSIDE PERMIT TYPE

LOCATION NOLANS RUN SHAFT

ISSUING AGENCY OSM

VIOLATION DATE 02/26/80 VIOLATION ORDER 2-26-80-DNR NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

RE-GRADE AND BACKFILL DISTURBED AREAS AND SEED
COMPLIANCE DATE 03/20/80 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: TERMINATED DATE 03/13/80 ENTRY DATE 08/29/80
ASSESSMENT DATE / /
SETTLEMENT $100 DATE 03/13/80

NAME OF FACILITY HORSEPEN STRIP #1 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: WV CODE-CHAPTER 20 SECTION 9

STATED PROBLEM PLACED MATERIALS OVER SLOPE MORE THAN 20 IN UNAPPROVED MANNER TYPE

LOCATION AREA ON DOWNSLOPE

ISSUING AGENCY WV DNR

VIOLATION DATE 02/28/80 VIOLATION ORDER 2-28-80-DNR NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

RECLAIM ALL MATERIAL ON DOWNSLOPE GREATER THAN 20 DEGREES
COMPLIANCE DATE 05/15/80 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY HORSEPEN STRIP #1 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: WV CODE-CHAPTER 20 SECTION 8

STATED PROBLEM FAILED TO SUBMIT A COPY OF INSURANCE TYPE

LOCATION ENTIRE MINE

ISSUING AGENCY WV DNR

VIOLATION DATE 02/07/80 VIOLATION ORDER 2-7-80-DNR NUMBER 01 OF 02

****REQUIRED ACTION****

SUBMIT TRUE COPY OF INSURANCE
COMPLIANCE DATE 02/14/80 EXTENSIONS / / / / DATE CORRECTED / /

****CONSOLS ACTION****

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY THREE FORKS STRIP TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: WV CODE-CHAPTER 20 SECTION 8

STATED PROBLEM FAILED TO SUBMIT A COPY OF INSURANCE TYPE

LOCATION ENTIRE MINE

ISSUING AGENCY WV DNR

VIOLATION DATE 02/07/80 VIOLATION ORDER 2-7-80-DNR NUMBER 02 OF 02

****REQUIRED ACTION****

SUBMIT TRUE COPY OF INSURANCE
COMPLIANCE DATE 02/14/80 EXTENSIONS / / / / DATE CORRECTED / /

****CONSOLS ACTION****

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY BURNING STAR #3 TYPE OF FACILITY SURFACE PROCESS DATE: 09/29/80

COUNTY AND STATE RANDOLPH IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.19(C)(4)

STATED PROBLEM INCOMPLETE BLASTING RECORDS TYPE SMCRA

LOCATION ADMINISTRATIVE RECORDS

ISSUING AGENCY IL DEPT MINES & MINERALS

VIOLATION DATE 11/22/78 VIOLATION ORDER 2-78 NUMBER 01 OF 01

****REQUIRED ACTION****

MAKE COMPLETE BLASTING RECORDS
COMPLIANCE DATE 12/22/78 EXTENSIONS / / / / DATE CORRECTED / /

****CONSOLS ACTION****

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY BURNING STAR #3 TYPE OF FACILITY SURFACE PROCESS DATE: 09/29/80

COUNTY AND STATE RANDOLPH IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: IL INTERIM REGULATIONS SECTION 3.2 (26)

STATED PROBLEM EXCESSIVE AIRBLAST AND PEAK PARTICLE VELOCITY TYPE SMCRA

LOCATION BLASTING OPERATION

ISSUING AGENCY IL DEPT MINES & MINERALS

VIOLATION DATE 07/11/79 VIOLATION ORDER 24-79 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

REVISE BLASTING PROCEDURES, MEASURE VIBRATION & AIRBLAST
COMPLIANCE DATE 07/25/79 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY OAK PARK TYPE OF FACILITY UNDERGROUND PROCESS DATE: 09/29/80

COUNTY AND STATE HARRISON OH MIDWESTERN REGION UNDERGROUND OPERATIONS

VIOLATION OF: OSMR 1501 SECTION 13-11-09(F)(4)

STATED PROBLEM FAILURE TO MEET EFFLUENT LIMITATIONS FOR IRON (15.7 MG/L) TYPE SMCRA

LOCATION DISCHARGE FROM POND BELOW COAL STOCKPILE

ISSUING AGENCY OH DNR

VIOLATION DATE 09/03/80 VIOLATION ORDER 2517 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

ABATE THE VIOLATION
COMPLIANCE DATE 09/25/80 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY BRADFORD TYPE OF FACILITY SURFACE PROCESS DATE: 09/29/80

COUNTY AND STATE HARRISON OH MIDWESTERN REGION OHIO SURFACE OPERATIONS

VIOLATION OF: OSMR 1501 SECTION 13-5-11(A)

STATED PROBLEM PUSHED TOPSOIL INTO THE PIT | TYPE SMCRA

LOCATION DRILL BENCH WEST OF TEST HOLE 245

ISSUING AGENCY OH DNR

VIOLATION DATE 09/09/80 VIOLATION ORDER 2545 NUMBER 01 OF 02

****REQUIRED ACTION****

ABATE THE VIOLATION
COMPLIANCE DATE 09/21/80 EXTENSIONS / / / /

****CONSOLS ACTION****

PUSHED TOPSOIL BACK TO STOCKPILE
DATE CORRECTED 09/12/80

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY BRADFORD TYPE OF FACILITY SURFACE PROCESS DATE: 09/29/80

COUNTY AND STATE HARRISON OH MIDWESTERN REGION OHIO SURFACE OPERATIONS

VIOLATION OF: OSMR 1501 SECTION 13-11-05(H)

STATED PROBLEM CHANNEL EROSION TYPE SMCRA

LOCATION DISCHARGE FROM POND 10

ISSUING AGENCY OH DNR

VIOLATION DATE 09/09/80 VIOLATION ORDER 2545 NUMBER 02 OF 02

****REQUIRED ACTION****

ABATE THE VIOLATION
COMPLIANCE DATE 09/21/80 EXTENSIONS / / / /

****CONSOLS ACTION****

INSTALLED RIPRAP
DATE CORRECTED 09/18/80

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY MAHONING VALLEY TYPE OF FACILITY SURFACE PROCESS DATE: 10/30/80

COUNTY AND STATE BELMONT OH MIDWESTERN REGION OHIO SURFACE OPERATIONS

VIOLATION OF: OSMR 1501 SECTION

STATED PROBLEM MINING WITHIN BUFFER ZONE TYPE SMCRA

LOCATION STREAM BUFFER ZONE

ISSUING AGENCY OH DNR

VIOLATION DATE 10/09/80 VIOLATION ORDER 2714 NUMBER 01 OF 01

****REQUIRED ACTION****

ABATE THE VIOLATION
COMPLIANCE DATE 10/19/80 EXTENSIONS / / / /

****CONSOLS ACTION****

FORMAL REQUEST TO MINE THROUGH STREAM
DATE CORRECTED 10/14/80

STATUS OF ORDER: TERMINATED DATE 10/14/80 ENTRY DATE 10/30/80
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY BRADFORD TYPE OF FACILITY SURFACE PROCESS DATE: 10/30/80

COUNTY AND STATE HARRISON OH MIDWESTERN REGION OHIO SURFACE OPERATIONS

VIOLATION OF: OSMR 1501 SECTION 13-11-05(N)(1)

STATED PROBLEM SEDIMENT ACCUMULATION ON ADJOINING PROPERTY TYPE SMCRA

LOCATION APPLICABLE AREA

ISSUING AGENCY OH DNR

VIOLATION DATE 10/15/80 VIOLATION ORDER 2727 NUMBER 01 OF 02

****REQUIRED ACTION**** ****CONSOLS ACTION****

ABATE THE VIOLATION
COMPLIANCE DATE 10/30/80 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY BRADFORD TYPE OF FACILITY SURFACE PROCESS DATE: 10/30/80

COUNTY AND STATE HARRISON OH MIDWESTERN REGION OHIO SURFACE OPERATIONS

VIOLATION OF: OSMR 1501 SECTION 13-11-05(N)(2)

STATED PROBLEM INADEQUATE SEDIMENTATION CONTROL STRUCTURES TYPE SMCRA

LOCATION HAULROAD ADJACENT TO TOWNSHIP ROAD #266

ISSUING AGENCY OH DNR

VIOLATION DATE 10/15/80 VIOLATION ORDER 2727 NUMBER 02 OF 02

****REQUIRED ACTION**** ****CONSOLS ACTION****

ABATE THE VIOLATION
COMPLIANCE DATE 10/30/80 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY OAK PARK TYPE OF FACILITY UNDERGROUND PROCESS DATE: 01/07/81

COUNTY AND STATE HARRISON OH MIDWESTERN REGION UNDERGROUND OPERATIONS

VIOLATION OF: OSMR 1501 SECTION 13-11-09(F)(4)

STATED PROBLEM FAILURE TO MEET EFFLUENT STANDARDS-ACID WATER 417 NGIL TSS TYPE SMCRA

LOCATION DRY POND

ISSUING AGENCY OH DNR

VIOLATION DATE 12/01/80 VIOLATION ORDER 2854 NUMBER 01 OF 01

****REQUIRED ACTION****

MEET EFFLUENT STANDARDS
COMPLIANCE DATE 12/04/80 EXTENSIONS / / / /

****CONSOLS ACTION****

DISCHARGE MEETS EFFLUENT LIMITATIONS
DATE CORRECTED 12/08/80

STATUS OF ORDER: TERMINATED DATE 12/08/80 ENTRY DATE 01/07/81
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY BRADFORD TYPE OF FACILITY SURFACE PROCESS DATE: 01/07/81

COUNTY AND STATE HARRISON OH MIDWESTERN REGION OHIO SURFACE OPERATIONS

VIOLATION OF: OSMR 1501 SECTION 13-11-05(F)(3)

STATED PROBLEM SPOIL PLACED IN PERENNIAL STREAM TYPE SMCRA

LOCATION W OF TEST HOLE MO-50

ISSUING AGENCY OH DNR

VIOLATION DATE 12/17/80 VIOLATION ORDER 2920 NUMBER 01 OF 01

****REQUIRED ACTION****

ABATE THE VIOLATION
COMPLIANCE DATE 12/27/80 EXTENSIONS 01/06/81 / /

****CONSOLS ACTION****

REMOVED SPOIL FROM STREAM
DATE CORRECTED 12/24/80

STATUS OF ORDER: TERMINATED DATE 01/06/81 ENTRY DATE 01/22/81
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY BURNING STAR #2 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE PERRY IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: IL INTERIM REGULATIONS SECTION 3.2 (26)

STATED PROBLEM EXCEEDED BLASTING LIMITS ON 3/13/80 TYPE SMCRA

LOCATION SOUTH END DEEP STRIP #3

ISSUING AGENCY IL DEPT MINES & MINERALS

VIOLATION DATE 04/16/80 VIOLATION ORDER 3-1-80 NUMBER 01 OF 01

****REQUIRED ACTION****

REVISE PROCEEDURES TO STAY W/IN BLASTING LIMITS
COMPLIANCE DATE / / EXTENSIONS / / / /

****CONSOLS ACTION****

REVISED BLASTING PROCEEDURES TO LIMIT POUNDS PER DELAY
DATE CORRECTED 03/30/80

STATUS OF ORDER: TERMINATED DATE 04/16/80 ENTRY DATE 08/29/80
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY EGYPT VALLEY TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE BELMONT OH MIDWESTERN REGION OHIO SURFACE OPERATIONS

VIOLATION OF: FWPCA SECTION 311(B)(3)

STATED PROBLEM GASOLINE SPILL TYPE

LOCATION RUPTURED UNDERGROUND FUEL LINE

ISSUING AGENCY US COAST GUARD

VIOLATION DATE 03/10/78 VIOLATION ORDER 3-10-78-USCG NUMBER 01 OF 01

****REQUIRED ACTION****

CORRECT PROBLEM AS SOON AS POSSIBLE
COMPLIANCE DATE / / EXTENSIONS / / / /

****CONSOLS ACTION****

RECOVERED GAS ON SURFACE, PREVENTED FURTHER DOWNSTREAM FLOW
DATE CORRECTED 03/17/78

STATUS OF ORDER: TERMINATED DATE 11/17/78 ENTRY DATE 08/29/80
ASSESSMENT $1,250 DATE 10/17/78
SETTLEMENT $1,250 DATE 11/17/78

NAME OF FACILITY PURSGLOVE #15 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MONONGALIA WV NORTHERN WEST VIRGINIA REGION MORGANTOWN OPERATIONS

VIOLATION OF: WV CODE CHAP. 20 SECTION 19

STATED PROBLEM VIOLATING TERMS OF PERMIT MDP-G153-79; STREAM POLLUTION TYPE

LOCATION BAILEY AREA

ISSUING AGENCY WV DNR

VIOLATION DATE 03/12/79 VIOLATION ORDER 3-12-79-DNR NUMBER 01 OF 01

****REQUIRED ACTION****

PREVENT SIMILAR OCCURENCES IN THE FUTURE
COMPLIANCE DATE / / EXTENSIONS / / / /

****CONSOLS ACTION****

REPAIRED LEAKS TO STOP DISCHARGES
DATE CORRECTED / /

STATUS OF ORDER: TERMINATED DATE 04/20/79 ENTRY DATE 08/29/80
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY JENKINJONES TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: WV CODE CHAP. 20 ART. 5A SECTION NOT INDICATED

STATED PROBLEM STREAM POLLUTION TYPE

LOCATION SURFACE DISTURBANCE AREA

ISSUING AGENCY WV DNR

VIOLATION DATE 03/14/78 VIOLATION ORDER 3-14-78-DNR NUMBER 01 OF 02

****REQUIRED ACTION**** ****CONSOLS ACTION****

PREVENT SIMILAR OCCURENCES IN THE FUTURE
COMPLIANCE DATE / / EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: TERMINATED DATE 04/04/78 ENTRY DATE 08/29/80
ASSESSMENT $110 DATE 04/04/78
SETTLEMENT $110 DATE / /

LEGAL PROCEEDINGS MAGISTRATE HEARING DATE INITIATED 04/04/78
LOCATION OF PROCEEDINGS WV HEARING AUTHORITY MCDOWELL COUNTY MAGISTRATE
PROCEEDING STATUS RESOLVED - FINE PAID DECISION DATE 04/04/78

NAME OF FACILITY JENKINJONES TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: WV CODE CHAP. 20 ART. 5A SECTION NOT INDICATED

STATED PROBLEM FAILURE TO REPORT POLLUTION TYPE

LOCATION SURFACE DISTURBANCE AREA

ISSUING AGENCY WV DNR

VIOLATION DATE 03/14/78 VIOLATION ORDER 3-14-78-DNR NUMBER 02 OF 02

****REQUIRED ACTION**** ****CONSOLS ACTION****

STATUS OF ORDER: TERMINATED DATE 04/04/78 ENTRY DATE 08/29/80
ASSESSMENT $110 DATE 04/04/78
SETTLEMENT DATE / /

LEGAL PROCEEDINGS MAGISTRATE HEARING DATE INITIATED 04/04/78
LOCATION OF PROCEEDINGS WV HEARING AUTHORITY MCDOWELL COUNTY MAGISTRATE
PROCEEDING STATUS RESOLVED - FINE PAID DECISION DATE 04/04/78

NAME OF FACILITY ARKWRIGHT #1 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MONONGALIA WV NORTHERN WEST VIRGINIA REGION MORGANTOWN OPERATIONS

VIOLATION OF: WV CODE-CHAPTER 20 SECTION NOT INDICATED

STATED PROBLEM DRAINING SLUDGE FROM TANK; WORKING IN CREEK TYPE

LOCATION LYNCH SHAFT

ISSUING AGENCY WV DNR

VIOLATION DATE 03/21/79 VIOLATION ORDER 3-21-79-DNR NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

CORRECT SITUATION AS SOON AS POSSIBLE STOPPED DRAINING TANK; STOPPED WORK IN CREEK
COMPLIANCE DATE / / EXTENSIONS / / / / DATE CORRECTED 03/21/79

STATUS OF ORDER: TERMINATED DATE 04/20/79 ENTRY DATE 08/29/80
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY ARKWRIGHT #1 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MONONGALIA WV NORTHERN WEST VIRGINIA REGION MORGANTOWN OPERATIONS

VIOLATION OF: WV CODE-CHAPTER 20 SECTION 19

STATED PROBLEM POLLUTING STREAM TYPE

LOCATION SURFACE DISTURBANCE AREA

ISSUING AGENCY WV DNR

VIOLATION DATE 03/22/79 VIOLATION ORDER 3-22-79-DNR NUMBER 01 OF 01

****REQUIRED ACTION****

BEGAN CORRECTIVE ACTION AS SOON AS POSSIBLE
COMPLIANCE DATE / / EXTENSIONS / / / /

****CONSOLS ACTION****

STOPPED DISCHARGE IMMEDIATELY; INITIATED DAILY MONITORING
DATE CORRECTED / /

STATUS OF ORDER: TERMINATED DATE 04/20/79 ENTRY DATE 08/29/80
ASSESSMENT DATE / /
SETTLEMENT DATE 04/20/79

NAME OF FACILITY SHAWNEE STRIP TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: WV CODE-CHAPTER 20 SECTION 9

STATED PROBLEM FAILURE TO ERECT MONUMENTS IN APPROVED AREAS TYPE

LOCATION APPLICABLE AREA

ISSUING AGENCY WV DNR

VIOLATION DATE 03/07/80 VIOLATION ORDER 3-7-80-DNR NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

ERECT PERMANENT MONUMENTS IN APPROVED LOCATIONS
COMPLIANCE DATE 03/10/80 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY PURSGLOVE #15 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MONONGALIA WV NORTHERN WEST VIRGINIA REGION MORGANTOWN OPERATIONS

VIOLATION OF: WV CODE CHAP. 20 SECTION 19

STATED PROBLEM ILLEGAL DISCHARGE TO DOLL'S RUN CAUSING STREAM POLLUTION TYPE

LOCATION LEMLEY SHAFT

ISSUING AGENCY WV DNR

VIOLATION DATE 03/08/79 VIOLATION ORDER 3-8-79-DNR NUMBER 01 OF 01

****REQUIRED ACTION****

PREVENT SIMILAR OCCURENCES IN THE FUTURE
COMPLIANCE DATE / / EXTENSIONS / / / /

****CONSOLS ACTION****

STOPPED DISCHARGES; INITIATED SUPPLEMENTAL MONITORING
DATE CORRECTED / /

STATUS OF ORDER: TERMINATED DATE 04/20/79 ENTRY DATE 08/29/80
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY AMONATE PREP PLANT TYPE OF FACILITY PREP PLANT PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: WV CODE CHAP. 20 - 5 SECTION 3.01(AF)

STATED PROBLEM STREAM POLLUTION TYPE

LOCATION REFUSE DISPOSAL AREA

ISSUING AGENCY WV DNR WATER RESOURCE DIV

VIOLATION DATE 09/11/79 VIOLATION ORDER 30112 NUMBER 01 OF 01

****REQUIRED ACTION****

CONSTRUCT ADDITIONAL SEDIMENTATION STRUCTURE
COMPLIANCE DATE 09/30/79 EXTENSIONS / / / /

****CONSOLS ACTION****

COMPLETED REQUIRED STRUCTURE
DATE CORRECTED 09/24/79

STATUS OF ORDER: TERMINATED DATE 09/24/79 ENTRY DATE 08/29/80
ASSESSMENT $210 DATE / /
SETTLEMENT $210 DATE 09/14/79

NAME OF FACILITY BURNING STAR #3 TYPE OF FACILITY SURFACE PROCESS DATE: 09/29/80

COUNTY AND STATE RANDOLPH IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: IL INTERIM REGULATIONS SECTION 3.2 (26)

STATED PROBLEM EXCESSIVE AIRBLAST TYPE SMCRA

LOCATION BLASTING OPERATION

ISSUING AGENCY IL DEPT MINES & MINERALS

VIOLATION DATE 10/18/79 VIOLATION ORDER 34-79 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

REDUCE AIRBLAST, MEASURE VIBRATION AND AIRBLAST
COMPLIANCE DATE 11/05/79 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY MONTOUR #4 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE WASHINGTON PA EASTERN REGION WASHINGTON OPERATIONS

VIOLATION OF: PA CLEAN STREAMS LAW SECTION 200

STATED PROBLEM BROKEN SLURRY PIPE DISCHARGING TO CHARTIERS CREEK TYPE

LOCATION SOUTHWEST AMD PLANT

ISSUING AGENCY PA FISH COMMISSION

VIOLATION DATE 04/01/79 VIOLATION ORDER 4-1-79-FISH NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

CORRECT AS SOON AS POSSIBLE REPAIRED BREAK IMMEDIATELY
COMPLIANCE DATE / / EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: TERMINATED DATE 04/10/79 ENTRY DATE 08/29/80
ASSESSMENT $200 DATE 04/10/79
SETTLEMENT $200 DATE 04/10/79

NAME OF FACILITY ROBINSON RUN #95 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE HARRISON WV NORTHERN WEST VIRGINIA REGION FAIRMONT OPERATIONS

VIOLATION OF: WV CODE-CHAPTER 20 SECTION NOT INDICATED

STATED PROBLEM CAUSING WATER POLLUTION TYPE

LOCATION SURFACE DISTURBANCE AREA

ISSUING AGENCY WV DNR

VIOLATION DATE 04/20/79 VIOLATION ORDER 4-20-79-DNR NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

STOP SLURRY FROM FLOWING INTO STATE WATERS STOPPED FLOW INTO CREEK
COMPLIANCE DATE / / EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE 12/10/79
ASSESSMENT DATE / /
SETTLEMENT DATE / /

LEGAL PROCEEDINGS MAGISTRATE'S HEARING DATE INITIATED / /
LOCATION OF PROCEEDINGS FAIRMONT WV HEARING AUTHORITY MAGISTRATE
PROCEEDING STATUS NO HEARING DATE SET AS OF 8-1-79 DECISION DATE / /

NAME OF FACILITY WILLIAMS #98 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE HARRISON WV NORTHERN WEST VIRGINIA REGION FAIRMONT OPERATIONS

VIOLATION OF: WV CODE-CHAPTER 20 SECTION NOT INDICATED

STATED PROBLEM WASTE RUNNING INTO STREAM TYPE

LOCATION SOUTH SHAFT

ISSUING AGENCY WV DNR

VIOLATION DATE 04/25/79 VIOLATION ORDER 4-25-79-DNR NUMBER 01 OF 02

****REQUIRED ACTION****

PREVENT WASTE FROM ENTERING STREAM
COMPLIANCE DATE / / EXTENSIONS / / / /

****CONSOLS ACTION****

ADJUSTED SYSTEM TO STOP POLLUTION
DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE 12/10/79
ASSESSMENT DATE / /
SETTLEMENT DATE / /

LEGAL PROCEEDINGS MAGISTRATE'S HEARING DATE INITIATED / /
LOCATION OF PROCEEDINGS FAIRMONT WV HEARING AUTHORITY MAGISTRATE
PROCEEDING STATUS NO HEARING DATE SET DECISION DATE / /

NAME OF FACILITY WILLIAMS #98 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE HARRISON WV NORTHERN WEST VIRGINIA REGION FAIRMONT OPERATIONS

VIOLATION OF: WV CODE-CHAPTER 20 SECTION NOT INDICATED

STATED PROBLEM ALLOWED UNTREATED LEACHATE FROM POND TO ENTER CREEK TYPE

LOCATION GOB PILE SEEPAGE

ISSUING AGENCY WV DNR

VIOLATION DATE 04/25/79 VIOLATION ORDER 4-25-79-DNR NUMBER 02 OF 02

****REQUIRED ACTION****

ADJUST SYSTEM TO STOP POLLUTION
COMPLIANCE DATE / / EXTENSIONS / / / /

****CONSOLS ACTION****

ADJUSTED SYSTEM TO STOP POLLUTION
DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE 12/10/79
ASSESSMENT DATE / /
SETTLEMENT DATE / /

LEGAL PROCEEDINGS MAGISTRATE'S HEARING DATE INITIATED / /
LOCATION OF PROCEEDINGS FAIRMONT WV HEARING AUTHORITY MAGISTRATE
PROCEEDING STATUS NO HEARING DATE SET DECISION DATE / /

NAME OF FACILITY ROBINSON RUN #95 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE HARRISON WV NORTHERN WEST VIRGINIA REGION FAIRMONT OPERATIONS

VIOLATION OF: WV CODE-CHAPTER 20 SECTION NOT INDICATED

STATED PROBLEM CAUSING WATER POLLUTION TYPE

LOCATION CUNNINGHAM RUN

ISSUING AGENCY WV DNR

VIOLATION DATE 04/27/79 VIOLATION ORDER 4-27-79-DNR NUMBER 01 OF 01

****REQUIRED ACTION****

STOP BAD DISCHARGE
COMPLIANCE DATE / / EXTENSIONS / / / /

****CONSOLS ACTION****

MADE ADJUSTMENTS TO SYSTEM TO STOP BAD DISCHARGE
DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE 12/10/79
ASSESSMENT DATE / /
SETTLEMENT DATE / /

LEGAL PROCEEDINGS MAGISTRATE'S HEARING DATE INITIATED / /
LOCATION OF PROCEEDINGS FAIRMONT WV HEARING AUTHORITY MAGISTRATE
PROCEEDING STATUS NO HEARING DATE SET DECISION DATE / /

NAME OF FACILITY JENKINSJONES PREP PLANT TYPE OF FACILITY PREP PLANT PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: WV CODE CHAP. 20 ART. 5A SECTION NOT INDICATED

STATED PROBLEM NEGLIGENT VIOLATION OF OPERATING PERMIT TYPE

LOCATION PREPARATION PLANT

ISSUING AGENCY WV DNR

VIOLATION DATE 04/06/78 VIOLATION ORDER 4-6-78-DNR NUMBER 01 OF 02

****REQUIRED ACTION**** ****CONSOLS ACTION****

STATUS OF ORDER: DISMISSED DATE 06/05/78 ENTRY DATE 08/29/80
ASSESSMENT DATE / /
SETTLEMENT DATE / /

LEGAL PROCEEDINGS MAGISTRATE HEARING DATE INITIATED 06/05/78
LOCATION OF PROCEEDINGS WV HEARING AUTHORITY MCDOWELL COUNTY MAGISTRATE
PROCEEDING STATUS RESOLVED - VIOLATION DISMISSED DECISION DATE 06/05/78

NAME OF FACILITY JENKINSJONES PREP PLANT TYPE OF FACILITY PREP PLANT PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: WV CODE CHAP. 20 ART. 5A SECTION NOT INDICATED

STATED PROBLEM STREAM POLLUTION TYPE

LOCATION PREPARATION PLANT AREA

ISSUING AGENCY WV DNR

VIOLATION DATE 04/06/78 VIOLATION ORDER 4-6-78-DNR NUMBER 02 OF 02

****REQUIRED ACTION**** ****CONSOLS ACTION****

PREVENT SIMILAR OCCURENCES IN THE FUTURE
COMPLIANCE DATE / / EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: TERMINATED DATE 06/05/78 ENTRY DATE 08/29/80
ASSESSMENT $310 DATE 06/05/78
SETTLEMENT $310 DATE / /

LEGAL PROCEEDINGS MAGISTRATE HEARING DATE INITIATED 06/05/78
LOCATION OF PROCEEDINGS WV HEARING AUTHORITY MCDOWELL COUNTY MAGISTRATE
PROCEEDING STATUS RESOLVED - CHARGE REDUCED; FINE PAID DECISION DATE 06/05/78

NAME OF FACILITY BURNING STAR #3 TYPE OF FACILITY SURFACE PROCESS DATE: 09/29/80

COUNTY AND STATE RANDOLPH IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: IL INTERIM REGULATIONS SECTION 8.4

STATED PROBLEM FAILURE TO ABATE NOV 34-79 TYPE SMCRA

LOCATION BLASTING OPERATION IN ROBBINS PIT

ISSUING AGENCY IL DEPT MINES & MINERALS

VIOLATION DATE 12/13/79 CESSATION ORDER 4-79 NUMBER 01 OF 01

****REQUIRED ACTION****		****CONSOLS ACTION****
CEASE BLASTING; SUBMIT DETAILED PLAN FOR APPROVAL		STOPPED BLASTING ACTIVITIES
COMPLIANCE DATE 12/13/79	EXTENSIONS / / / /	DATE CORRECTED 12/13/79
		SUBMITTED PLANS
COMPLIANCE DATE / /	EXTENSIONS / / / /	DATE CORRECTED 12/20/79
		COMPLETED MINING IN AREA
COMPLIANCE DATE / /	EXTENSIONS / / / /	DATE CORRECTED 02/20/80

STATUS OF ORDER: TERMINATED DATE 01/03/80 ENTRY DATE 02/06/81
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY BURNING STAR #4 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE PERRY IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: IL INTERIM REGULATIONS SECTION 3.2 (11) 17

STATED PROBLEM TOPSOIL NOT REMOVED BEFORE EXCAVATION OF DRAINAGE DITCH TYPE SMCRA

LOCATION SOUTHERN PORTION OF PERMIT #572-79

ISSUING AGENCY IL DEPT MINES & MINERALS

VIOLATION DATE 01/11/80 VIOLATION ORDER 4-80 NUMBER 01 OF 01

****REQUIRED ACTION****	****CONSOLS ACTION****
SUBMIT PLAN TO RETRIEVE SPOILED TOPSOIL COMPLIANCE DATE 01/25/80 EXTENSIONS / / / /	SUBMITTED PLAN DATE CORRECTED 01/15/80
COMPLETE REMEDIAL WORK COMPLIANCE DATE 04/10/80 EXTENSIONS / / / /	FILLED DITCH W/ SPOIL; PLACED TOPSOIL OVER IT DATE CORRECTED 01/25/80

STATUS OF ORDER: TERMINATED DATE 01/28/80 ENTRY DATE 08/29/80
ASSESSMENT $0 DATE 01/28/80
SETTLEMENT DATE / /

NAME OF FACILITY EMERY DEEP TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE EMERY UT WESTERN REGION WESTERN OPERATIONS

VIOLATION OF: UTAH STATE REQUIREMENTS SECTION NOT INDICATED

STATED PROBLEM INADEQUATE SIGN TYPE

LOCATION MINE ENTRANCE

ISSUING AGENCY UTAH DNR-OGM DIVISION

VIOLATION DATE 05/07/79 VIOLATION ORDER 5-7-79-OGM NUMBER 01 OF 03

****REQUIRED ACTION****

INSTALL LEGIBLE SIGN
COMPLIANCE DATE 06/07/79 EXTENSIONS / / / /

****CONSOLS ACTION****

REPAINTED SIGN
DATE CORRECTED 05/21/79

STATUS OF ORDER: TERMINATED DATE 06/07/79 ENTRY DATE 08/29/80
ASSESSMENT $0 DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY EMERY DEEP TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE EMERY UT WESTERN REGION WESTERN OPERATIONS

VIOLATION OF: UTAH STATE REQUIREMENTS SECTION NOT INDICATED

STATED PROBLEM INADEQUATE WATER MONITORING PROGRAMS TYPE

LOCATION ENTIRE OPERATION

ISSUING AGENCY UTAH DNR-OGM DIVISION

VIOLATION DATE 05/07/79 VIOLATION ORDER 5-7-79-OGM NUMBER 02 OF 03

****REQUIRED ACTION**** ****CONSOLS ACTION****

SUBMIT MONITORING PROGRAM FOR APPROVAL MONITORING PROGRAM SUBMITTED
COMPLIANCE DATE 06/07/79 EXTENSIONS / / / / DATE CORRECTED 06/07/79

STATUS OF ORDER: TERMINATED DATE 06/07/79 ENTRY DATE 08/29/80
ASSESSMENT $0 DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY EMERY DEEP TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE EMERY UT WESTERN REGION WESTERN OPERATIONS

VIOLATION OF: UTAH STATE REQUIREMENTS SECTION NOT INDICATED

STATED PROBLEM INADEQUATE DRAINAGE CONTROL TYPE

LOCATION SURFACE DISTURBED AREAS

ISSUING AGENCY UTAH DNR-OGM DIVISION

VIOLATION DATE 05/07/79 VIOLATION ORDER 5-7-79-OGM NUMBER 03 OF 03

****REQUIRED ACTION****

CONTROL SURFACE RUNOFF
COMPLIANCE DATE 06/07/79 EXTENSIONS / / / /

****CONSOLS ACTION****

CONSTRUCTED BERMS TO CONTROL RUNOFF
DATE CORRECTED 06/07/79

STATUS OF ORDER: TERMINATED DATE 06/07/79 ENTRY DATE 08/29/80
ASSESSMENT $0 DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY IRELAND PREP PLANT TYPE OF FACILITY PREP PLANT PROCESS DATE: 08/29/80

COUNTY AND STATE MARSHALL WV EASTERN REGION MOUNDSVILLE OPERATIONS

VIOLATION OF: WV WATER POLLUTION CONTROL ACT SECTION 20-5A

STATED PROBLEM SEEPAGE INTO GRAVEYARD RUN TYPE

LOCATION TOE OF REFUSE AREA

ISSUING AGENCY WV DNR

VIOLATION DATE 05/15/79 VIOLATION ORDER 5-79-DNR NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

CONSTRUCT SEEPAGE COLLECTION FACILITIES
COMPLIANCE DATE 03/31/80 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE 09/30/79
ASSESSMENT $513 DATE 06/30/79
SETTLEMENT $513 DATE 07/03/79

LEGAL PROCEEDINGS MAGISTRATE COURT DATE INITIATED 05/31/79
LOCATION OF PROCEEDINGS MOUNDSVILLE WV HEARING AUTHORITY MAGISTRATE RONALD HUMMEL
PROCEEDING STATUS CONTINUED UNTIL 3-31-80 COMPLETION DATE DECISION DATE / /

NAME OF FACILITY BURNING STAR #4 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE PERRY IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: IL INTERIM REGULATIONS SECTION 3.2 (11)

STATED PROBLEM SLURRY COVERING TOPSOIL; EXCEEDING EFFLUENT LIMITS; LIKELY ENV. HARM TYPE SMCRA

LOCATION AREAS AROUND AND INCLUDING SLURRY 97 AND PONDS BS4-9(001) & (002)

ISSUING AGENCY IL DEPT MINES & MINERALS

VIOLATION DATE 04/14/80 VIOLATION ORDER 6-1-80 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

SUBMIT PLANS OUTLING FUTURE COMPLIANCE
COMPLIANCE DATE 05/08/80 EXTENSIONS / / / / DATE CORRECTED / /

CEASE PUMPING SLURRY, RECLAIM AFFECTED AREAS
COMPLIANCE DATE 05/08/80 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY ROBINSON RUN #95 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MARION WV NORTHERN WEST VIRGINIA REGION FAIRMONT OPERATIONS

VIOLATION OF: WV CODE CHAP. 20, ART. 6 SECTION 14

STATED PROBLEM PLACED EXCAVATED MATERIAL OUTSIDE PERMIT AREA TYPE SMCRA

LOCATION SLOAN SHAFT STREAM DIVERSION!

ISSUING AGENCY WV DNR

VIOLATION DATE 06/11/80 VIOLATION ORDER 6-11-80-DNR NUMBER 01 OF 01

****REQUIRED ACTION****

RECONSTRUCT STREAM DIVERSION AND REVEGETATE
COMPLIANCE DATE 07/01/80 EXTENSIONS / / / / DATE CORRECTED / /

****CONSOLS ACTION****

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY LAUREL TYPE OF FACILITY UNDERGROUND PROCESS DATE: 09/29/80

COUNTY AND STATE SOMERSET PA EASTERN REGION ALLEGHENY OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM EFFLUENT STANDARDS TYPE

LOCATION SLOPE AREA

ISSUING AGENCY OSM

VIOLATION DATE 09/07/78 VIOLATION ORDER 78-I-7-3 NUMBER 01 OF 01

****REQUIRED ACTION****

INSTALL ADEQUATE TREATMENT FACILITIES
COMPLIANCE DATE 10/07/78 EXTENSIONS / / / /

****CONSOLS ACTION****

CORRECTED POND DISCHARGE
DATE CORRECTED 09/21/78

STATUS OF ORDER: TERMINATED DATE 10/30/78 ENTRY DATE 08/29/80
ASSESSMENT $1,800 DATE 04/04/79
SETTLEMENT $900 DATE 04/10/79

NAME OF FACILITY MATTHEWS MINE TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE CLAIBORNE TN SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM FAILURE TO PASS ALL DRAINAGE THROUGH SEDIMENTATION POND TYPE

LOCATION ALL DISTURBED AREAS - MINES 1, 2, AND 3

ISSUING AGENCY OSM

VIOLATION DATE 07/11/78 VIOLATION ORDER 78-II-7-5 NUMBER 01 OF 01

****REQUIRED ACTION****

INSTALL INTERIM CONTROL MEASURES
COMPLIANCE DATE 08/07/78 EXTENSIONS / / / /

INSTALL PERMANENT CONTROL MEASURES
COMPLIANCE DATE 09/29/78 EXTENSIONS / / / /

****CONSOLS ACTION****

SUBMITTED PLANS TO TN DIV. WATER QUAL. FOR APPROVAL
DATE CORRECTED 08/04/78

DATE CORRECTED / /

STATUS OF ORDER: TERMINATED DATE 09/22/78 ENTRY DATE 08/29/80
ASSESSMENT $3,200 DATE / /
SETTLEMENT $900 DATE / /

LEGAL PROCEEDINGS APPLICATION FOR REVIEW DATE INITIATED 07/21/78
LOCATION OF PROCEEDINGS ARLINGTON VA HEARING AUTHORITY OFFICE OF HEARINGS AND APPEALS
PROCEEDING STATUS DECISION DATE / /

NAME OF FACILITY BURNING STAR #5 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE JACKSON IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.19(C)

STATED PROBLEM LATE BLASTING SCHEDULE PUBLICATION TYPE

LOCATION USE OF EXPLOSIVES

ISSUING AGENCY OSM

VIOLATION DATE 09/14/78 VIOLATION ORDER 78-III-1-11 NUMBER 01 OF 03

****REQUIRED ACTION**** ****CONSOLS ACTION****

NONE-SCHEDULE PUBLISHED TOO LATE PUBLICATION OF NOTICE EVERY 3 MONTHS
COMPLIANCE DATE / / EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: TERMINATED DATE 09/14/78 ENTRY DATE 08/29/80
ASSESSMENT DATE / /
SETTLEMENT DATE 09/14/78

NAME OF FACILITY BURNING STAR #5 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE JACKSON IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.19(C)

STATED PROBLEM BLASTING NOTICE NOT DISTRIBUTED TO RESIDENTS 1/2 MILE OF AREA TYPE

LOCATION EAST AND SOUTHEAST FIELD

ISSUING AGENCY OSM

VIOLATION DATE 09/14/78 VIOLATION ORDER 78-III-1-11 NUMBER 02 OF 03

****REQUIRED ACTION****

DISTRIBUTE BLASTING SCHEDULE TO RESIDENTS
COMPLIANCE DATE 09/22/78 EXTENSIONS / / / /

****CONSOLS ACTION****

DISTRIBUTED BLASTING NOTICES TO RESIDENTS
DATE CORRECTED 09/22/78

STATUS OF ORDER: PENDING DATE 12/05/79
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY BURNING STAR #5 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE JACKSON IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.12(B)

STATED PROBLEM SIGNS NOT PROPERLY DISPLAYED TYPE

LOCATION SOUTH PERIMETER OF SOUTHEAST ROAD

ISSUING AGENCY OSM

VIOLATION DATE 09/14/78 VIOLATION ORDER 78-III-1-11 NUMBER 03 OF 03

****REQUIRED ACTION**** ****CONSOLS ACTION****

DISPLAY MINE ID SIGN
COMPLIANCE DATE 09/22/78 EXTENSIONS / / / /

DISPLAYED PROPER SIGNS
DATE CORRECTED 09/22/78

STATUS OF ORDER: PENDING DATE 12/05/79
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY NORRIS TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE FULTON IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.12(B)

STATED PROBLEM FAILURE TO POST PROPER SIGNS TYPE

LOCATION SOUTH ACCESS; EASTERN HAULROAD

ISSUING AGENCY OSM

VIOLATION DATE 12/11/78 VIOLATION ORDER 78-III-1-15 NUMBER 01 OF 01

****REQUIRED ACTION****

POST MINE ID SIGNS AND BLASTING SIGNS
COMPLIANCE DATE 12/25/78 EXTENSIONS / / / /

****CONSOLS ACTION****

PLACED SIGNS AT PROPER PLACES AND SOUTH ACCESS CLOSED
DATE CORRECTED 12/22/78

STATUS OF ORDER: TERMINATED DATE 01/03/79 ENTRY DATE 08/29/80
ASSESSMENT $0 DATE 01/09/79
SETTLEMENT $0 DATE / /

NAME OF FACILITY BURNING STAR #4 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE PERRY IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.12(B)

STATED PROBLEM FAILURE TO POST MINE PERMIT ID SIGN TYPE

LOCATION SOUTHWEST PORTION OF PERMIT AREA 572-79

ISSUING AGENCY OSM

VIOLATION DATE 11/08/78 VIOLATION ORDER 78-III-5-11 NUMBER 01 OF 02

****REQUIRED ACTION**** ****CONSOLS ACTION****

POST ID SIGN OR BLOCK ACCESS TO PERMIT AREA
COMPLIANCE DATE 11/15/78 EXTENSIONS / / / /

ACCESS TO PERMIT AREA WAS BLOCKED
DATE CORRECTED 11/09/78

STATUS OF ORDER: TERMINATED DATE 11/20/78 ENTRY DATE 08/29/80
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY BURNING STAR #4 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE PERRY IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.12(E)

STATED PROBLEM FAILURE TO POST BLASTING SIGN AT PERMIT AREA ENTRANCE TYPE

LOCATION SOUTHWEST PORTION OF PERMIT AREA 572-79

ISSUING AGENCY OSM

VIOLATION DATE 11/08/78 VIOLATION ORDER 78-III-5-11 NUMBER 02 OF 02

****REQUIRED ACTION****

POST ID SIGN OR BLOCK ACCESS TO PERMIT AREA
COMPLIANCE DATE 11/15/78 EXTENSIONS / / / /

****CONSOLS ACTION****

ACCESS TO PERMIT AREA WAS BLOCKED AND A SIGN POSTED
DATE CORRECTED 11/09/78

STATUS OF ORDER: TERMINATED DATE 11/20/78 ENTRY DATE 08/29/80
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY BURNING STAR #4 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE PERRY IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.17(A)

STATED PROBLEM EFFLUENT STANDARDS TYPE

LOCATION SOUTHEAST PORTION ENTERING GALUM CREEK

ISSUING AGENCY OSM

VIOLATION DATE 11/20/78 VIOLATION ORDER 78-III-5-12 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

CEASE PUMPING; CONSTRUCT ADDITIONAL FACILITIES; MULCH CEASED PUMPING; CONSTRUCT MORE FACILITIES; MULCH AREAS
COMPLIANCE DATE 12/11/78 EXTENSIONS / / / / DATE CORRECTED 12/02/78

STATUS OF ORDER: TERMINATED DATE 12/02/78 ENTRY DATE 08/29/80
ASSESSMENT DATE / /
SETTLEMENT DATE / /

LEGAL PROCEEDINGS APPLICATION FOR REVIEW DATE INITIATED 12/18/78
LOCATION OF PROCEEDINGS LOUISVILLE KY HEARING AUTHORITY OFFICE OF HEARINGS AND APPEALS
PROCEEDING STATUS VIOLATION AFFIRMED DECISION DATE 05/29/79

LEGAL PROCEEDINGS APPEAL DECISION OF 5-29-79 DATE INITIATED 06/29/79
LOCATION OF PROCEEDINGS ARLINGTON VA HEARING AUTHORITY BOARD SURFACE MINING APPEALS
PROCEEDING STATUS 5-29-79 DECISION VACATED; CASE REMANDED DECISION DATE 09/28/79

LEGAL PROCEEDINGS REMAND PROCEDURE TO JUDGE TRUSWELL DATE INITIATED 09/28/79
LOCATION OF PROCEEDINGS LOUISVILLE KY HEARING AUTHORITY OFFICE OF HEARINGS AND APPEALS
PROCEEDING STATUS VIOLATION AFFIRMED DECISION DATE 11/28/79

LEGAL PROCEEDINGS APPEAL REMAND DECISION DATE INITIATED 12/12/79
LOCATION OF PROCEEDINGS INDIANAPOLIS IN HEARING AUTHORITY
PROCEEDING STATUS DECISION DATE / /

NAME OF FACILITY BURNING STAR #4 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE PERRY IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.17(A)

STATED PROBLEM EFFLUENT STANDARDS TYPE

LOCATION WESTERN MOST SEDIMENT POND

ISSUING AGENCY OSM

VIOLATION DATE 12/07/78 VIOLATION ORDER 78-III-5-14 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

CEASE DISCHARGE;CONSTRUCT FACILITIS TO MEET STANDARDS MODIFIED FACILITIES TO MEET STANDARDS
COMPLIANCE DATE 12/02/78 EXTENSIONS 01/04/79 / / DATE CORRECTED 12/08/78

STATUS OF ORDER: TERMINATED DATE 01/09/79 ENTRY DATE 08/29/80
ASSESSMENT $3,800 DATE 12/21/78
SETTLEMENT $700 DATE 01/09/79

LEGAL PROCEEDINGS PETITION FOR REVIEW DATE INITIATED 02/05/79
LOCATION OF PROCEEDINGS INDIANAPOLIS IN HEARING AUTHORITY OFFICE OF HEARINGS AND APPEALS
PROCEEDING STATUS VIOLATION AFFIRMED; ASSESSMENT REDUCED DECISION DATE 04/20/79

NAME OF FACILITY BURNING STAR #2 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE PERRY IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.19

STATED PROBLEM FAILURE TO PUBLISH BLASTING SCHEDULE EVERY THREE MONTHS TYPE

LOCATION DEEP STRIP 2

ISSUING AGENCY OSM

VIOLATION DATE 09/27/78 VIOLATION ORDER 78-III-5-4 NUMBER 01 OF 01

****REQUIRED ACTION****

DISTRIBUTE BLASTING SCHEDULE EVERY 3 MONTHS
COMPLIANCE DATE / / EXTENSIONS / / / /

****CONSOLS ACTION****

BLASTING NOTICE PUBLISHED SHORTLY BEFORE INSPECTION
DATE CORRECTED 09/27/78

STATUS OF ORDER: TERMINATED DATE 09/27/78 ENTRY DATE 08/29/80
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY GLENHAROLD TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE MERCER ND WESTERN REGION WESTERN OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.12(E)

STATED PROBLEM INSUFFICIENT BLASTING AREA SIGNS TYPE

LOCATION ACTIVE PIT

ISSUING AGENCY OSM

VIOLATION DATE 11/29/78 VIOLATION ORDER 78-V-3-2 NUMBER 01 OF 02

****REQUIRED ACTION****

CORRECT POSTING OF BLASTING AREA SIGNS
COMPLIANCE DATE 11/30/79 EXTENSIONS / / / /

****CONSOLS ACTION****

POSTED CORRECT BLASTING AREA SIGNS
DATE CORRECTED 11/30/78

STATUS OF ORDER: TERMINATED DATE 04/06/79 ENTRY DATE 08/29/80
ASSESSMENT $0 DATE 12/15/78
SETTLEMENT DATE / /

NAME OF FACILITY GLENHAROLD TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE MERCER ND WESTERN REGION WESTERN OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.11(B)

STATED PROBLEM UNAPPROVED DISCHARGE TYPE

LOCATION NORTHEAST PORTION

ISSUING AGENCY OSM

VIOLATION DATE 11/29/78 VIOLATION ORDER 78-V-3-2 NUMBER 02 OF 02

****REQUIRED ACTION****

DIVERT DISCHARGE TO PERMITTED POINT SOURCE
COMPLIANCE DATE 11/29/79 EXTENSIONS / / / /

****CONSOLS ACTION****

DIVERTED DISCHARGE TO PERMITTED POINT SOURCE
DATE CORRECTED 11/29/78

STATUS OF ORDER: TERMINATED DATE 04/06/79 ENTRY DATE 08/29/80
ASSESSMENT $3,000 DATE 12/15/78
SETTLEMENT $3,000 DATE 03/26/79

NAME OF FACILITY HORSEPEN STRIP #2 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION BECKLEY OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.17(B)

STATED PROBLEM UNAPPROVED SURFACE WATER MONITORING PROGRAM TYPE

LOCATION ENTIRE OPERATION

ISSUING AGENCY OSM

VIOLATION DATE 04/11/79 VIOLATION ORDER 79-I-25-14 NUMBER 01 OF 04

****REQUIRED ACTION**** ****CONSOLS ACTION****

OBTAIN APPROVAL FOR WATER MONITORING PROGRAM SUBMITTED MONITORING PROGRAM PLANS
COMPLIANCE DATE 05/25/79 EXTENSIONS / / / / DATE CORRECTED 05/08/79

STATUS OF ORDER: TERMINATED DATE 08/22/79 ENTRY DATE 08/29/80
ASSESSMENT $0 DATE 05/04/79
SETTLEMENT $0 DATE 08/17/79

LEGAL PROCEEDINGS PETITION FOR REVIEW DATE INITIATED 08/17/79
LOCATION OF PROCEEDINGS CHARLESTON WV HEARING AUTHORITY OFFICE OF HEARING AND APPEALS
PROCEEDING STATUS VIOLATION UPHELD-NO PENALTY I DECISION DATE 08/17/79

NAME OF FACILITY HORSEPEN STRIP #2 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION BECKLEY OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.11(C)

STATED PROBLEM FAILED TO SUBMIT MAP OF MINE AND PERMIT AREA TYPE

LOCATION ENTIRE OPERATION

ISSUING AGENCY OSM

VIOLATION DATE 04/11/79 VIOLATION ORDER 79-I-25-14 NUMBER 02 OF 04

****REQUIRED ACTION****

SUBMIT MAP OF MINE AND PERMIT AREA TO RA AND OSM
COMPLIANCE DATE 05/14/79 EXTENSIONS / / / /

****CONSOLS ACTION****

SUBMITTED CORRECTED MINE MAPS OF PERMIT AREA
DATE CORRECTED 04/23/79

STATUS OF ORDER: TERMINATED DATE 08/22/79 ENTRY DATE 08/29/80
ASSESSMENT $500 DATE 05/04/79
SETTLEMENT $360 DATE 08/17/79

LEGAL PROCEEDINGS PETITION FOR REVIEW DATE INITIATED 08/17/79
LOCATION OF PROCEEDINGS CHARLESTON WV HEARING AUTHORITY OFFICE OF HEARING AND APPEALS
PROCEEDING STATUS VIOLATION UPHELD-PENALTY REDUCED DECISION DATE 08/17/79

NAME OF FACILITY HORSEPEN STRIP #2 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION BECKLEY OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.15(B)

STATED PROBLEM FAILURE TO CONDUCT VALLEY FILL INSPECTIONS AND SUBMIT REPORT ON IT TYPE

LOCATION VALLEY FILL "B"

ISSUING AGENCY OSM

VIOLATION DATE 04/11/79 VIOLATION ORDER 79-I-25-14 NUMBER 04 OF 04

****REQUIRED ACTION****

INSTIGATE INSPECTION REPORT AND FILE REPORT
COMPLIANCE DATE 05/14/79 EXTENSIONS / / / /

****CONSOLS ACTION****

BEGAN QUARTERLY INSPECTIONS WITH REPORTS
DATE CORRECTED 04/23/79

STATUS OF ORDER: TERMINATED DATE 08/22/79 ENTRY DATE 08/29/80
ASSESSMENT $1,500 DATE 05/04/79
SETTLEMENT $440 DATE 08/17/79

LEGAL PROCEEDINGS PETITION FOR REVIEW DATE INITIATED 08/17/79
LOCATION OF PROCEEDINGS CHARLESTON WV HEARING AUTHORITY OFFICE OF HEARING AND APPEALS
PROCEEDING STATUS VIOLATION UPHELD-PENALTY REDUCED DECISION DATE 08/17/79

NAME OF FACILITY THREE FORKS STRIP TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 710.11(A)(2)

STATED PROBLEM OPERATING OUTSIDE PERMIT AREA WITHOUT APPROVAL TYPE

LOCATION OUTSIDE PERMIT COUNDARIES

ISSUING AGENCY OSM

VIOLATION DATE 06/01/79 VIOLATION ORDER 79-I-25-30 NUMBER 01 OF 01

****REQUIRED ACTION****

SUBMIT A PERMIT AMENDMENT FOR APPROVAL
COMPLIANCE DATE 07/06/79 EXTENSIONS / / / /

****CONSOLS ACTION****

SUBMITTED PERMIT AMENDMENT
DATE CORRECTED 07/24/79

STATUS OF ORDER: PENDING DATE 12/13/79
ASSESSMENT $3,000 DATE / /
SETTLEMENT DATE / /

LEGAL PROCEEDINGS PETITION FOR REVIEW DATE INITIATED 06/16/80
LOCATION OF PROCEEDINGS CHARLESTON WV HEARING AUTHORITY
PROCEEDING STATUS DECISION DATE / /

NAME OF FACILITY JENKINSJONES PREP PLANT TYPE OF FACILITY PREP PLANT PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.14(C)

STATED PROBLEM PLACED MATERIAL ON DOWNSLOPE OF ROAD TYPE

LOCATION HAULROAD TO TUG FORK; REFUSE AREA

ISSUING AGENCY OSM

VIOLATION DATE 04/19/79 VIOLATION ORDER 79-I-26-12 NUMBER 01 OF 03

****REQUIRED ACTION**** ****CONSOLS ACTION****

SEED,MULCH,FERTILIZE AFFECTED AREAS COMPLETED REVEGETATION
COMPLIANCE DATE 05/11/79 EXTENSIONS / / / / DATE CORRECTED 04/30/79

STATUS OF ORDER: TERMINATED DATE 05/02/79 ENTRY DATE 08/29/80
ASSESSMENT $0 DATE 05/15/79
SETTLEMENT $0 DATE 08/22/79

NAME OF FACILITY JENKINSJONES PREP PLANT TYPE OF FACILITY PREP PLANT PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM EFFLUENT STANDARDS TYPE

LOCATION NORTHERNMOST SEDIMENTATION POND; TUG FORK

ISSUING AGENCY OSM

VIOLATION DATE 04/19/79 VIOLATION ORDER 79-I-26-12 NUMBER 02 OF 03

****REQUIRED ACTION****

CORRECT FACILITIES TO CONTROL DRAINAGE
COMPLIANCE DATE 05/04/79 EXTENSIONS / / / /

****CONSOLS ACTION****

ESTABLISHED AND MAINTAINED SURFACE RUNOFF CONTROL FACILITIES
DATE CORRECTED 04/30/79

STATUS OF ORDER: TERMINATED DATE 05/02/79 ENTRY DATE 08/29/80
ASSESSMENT $1,900 DATE 05/15/79
SETTLEMENT $1,100 DATE 09/06/79

NAME OF FACILITY JENKINSJONES PREP PLANT TYPE OF FACILITY PREP PLANT PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.12(B)

STATED PROBLEM FAILURE TO DISPLAY MINE ID SIGNS TYPE

LOCATION ALL POINTS OF ACCESS

ISSUING AGENCY OSM

VIOLATION DATE 04/19/79 VIOLATION ORDER 79-I-26-12 NUMBER 03 OF 03

****REQUIRED ACTION**** ****CONSOLS ACTION****

PROPERLY DISPLAY MINE ID SIGNS AT ALL ACCESSES INSTALLED MINE ID SIGNS
COMPLIANCE DATE 05/04/79 EXTENSIONS / / / / DATE CORRECTED 04/30/79

STATUS OF ORDER: TERMINATED DATE 05/02/79 ENTRY DATE 08/29/80
ASSESSMENT $0 DATE 05/15/79
SETTLEMENT $0 DATE 08/22/79

NAME OF FACILITY JENKINJONES TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM FAILURE TO PASS ALL DRAINAGE THROUGH SEDIMENTATION POND TYPE

LOCATION NO. 7 MINE - ALL APPLICABLE AREAS

ISSUING AGENCY OSM

VIOLATION DATE 12/04/79 VIOLATION ORDER 79-I-32-11 NUMBER 01 OF 02

****REQUIRED ACTION****

PASS ALL DRAINAGE THROUGH SEDIMENTATION POND
COMPLIANCE DATE 01/04/80 EXTENSIONS 02/04/80 / /

****CONSOLS ACTION****

PASSED ALL DRAINAGE THROUGH SEDIMENTATION POND
DATE CORRECTED 02/04/80

STATUS OF ORDER: TERMINATED DATE 02/11/80 ENTRY DATE 01/07/81
ASSESSMENT $1,300 DATE 01/17/80
SETTLEMENT $900 DATE 06/06/80

NAME OF FACILITY JENKINJONES TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.14(E)

STATED PROBLEM FAILURE TO COVER COMBUSTIBLE MATERIALS W/ 4 FEET OF COVER TYPE

LOCATION NO. 7 MINE - ALL APPLICABLE AREAS

ISSUING AGENCY OSM

VIOLATION DATE 12/04/79 VIOLATION ORDER 79-I-32-11 NUMBER 02 OF 02

****REQUIRED ACTION****

COVER MATERIALS W/ 4' OF COVER
COMPLIANCE DATE 12/26/80 EXTENSIONS / / / /

****CONSOLS ACTION****

COVERED MATERIALS AS REQUIRED
DATE CORRECTED 12/23/80

STATUS OF ORDER: TERMINATED DATE 12/31/80 ENTRY DATE 01/07/81
ASSESSMENT $1,100 DATE 01/17/80
SETTLEMENT $0 DATE 06/06/80

NAME OF FACILITY JENKINJONES TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.14(E)

STATED PROBLEM FAILURE TO COVER COMBUSTIBLE MATERIALS W/ 4 FEET OF COVER TYPE

LOCATION NO. 4 MINE - ALL APPLICABLE AREAS

ISSUING AGENCY OSM

VIOLATION DATE 12/04/79 VIOLATION ORDER 79-I-32-9 NUMBER 01 OF 01

****REQUIRED ACTION****

COVER ALL COMBUSTIBLES TO A DEPTH OF 4 FEET
COMPLIANCE DATE 12/26/79 EXTENSIONS / / / /

****CONSOLS ACTION****

COVERED ALL COMBUSTIBLES TO A DEPTH OF 4 FEET
DATE CORRECTED 12/15/79

STATUS OF ORDER: TERMINATED DATE 12/31/79 ENTRY DATE 01/07/81
ASSESSMENT $1,100 DATE 01/17/80
SETTLEMENT $0 DATE 06/06/80

NAME OF FACILITY ARKWRIGHT #1 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MONONGALIA WV NORTHERN WEST VIRGINIA REGION FAIRMONT OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM EFFLUENT STANDARDS TYPE

LOCATION PREP PLANT AND VARIOUS SITES!

ISSUING AGENCY OSM

VIOLATION DATE 05/03/79 VIOLATION ORDER 79-I-38-21 NUMBER 01 OF 02

****REQUIRED ACTION**** ****CONSOLS ACTION****

COMPLIANCE DATE / / EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE 12/07/79
ASSESSMENT DATE / /
SETTLEMENT DATE / /

LEGAL PROCEEDINGS APPLICATION FOR REVIEW DATE INITIATED 06/01/79
LOCATION OF PROCEEDINGS PITTSBURGH PA HEARING AUTHORITY OFFICE OF HEARINGS AND APPEALS
PROCEEDING STATUS DISMISSED AT APPLICANT'S REQUEST DECISION DATE 10/15/79

NAME OF FACILITY ARKWRIGHT #1 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MONONGALIA WV NORTHERN WEST VIRGINIA REGION FAIRMONT OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM NO SEDIMENTATION POND TYPE

LOCATION PREP PLANT AND ASSORTED SITES

ISSUING AGENCY OSM

VIOLATION DATE 05/03/79 VIOLATION ORDER 79-I-38-21 NUMBER 02 OF 02

****REQUIRED ACTION**** ****CONSOLS ACTION****

SUBMIT DRAINAGE PLAN; DESIGN DRAINAGE SYSTEM
COMPLIANCE DATE 08/01/79 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE 12/07/79
ASSESSMENT DATE / /
SETTLEMENT DATE / /

LEGAL PROCEEDINGS APPLICATION FOR REVIEW DATE INITIATED 06/01/79
LOCATION OF PROCEEDINGS PITTSBURGH PA HEARING AUTHORITY OFFICE OF HEARINGS AND APPEALS
PROCEEDING STATUS DISMISSED AT APPLICANT'S REQUEST DECISION DATE 10/15/79

NAME OF FACILITY ROBINSON RUN #95 PREP PLANT TYPE OF FACILITY PREP PLANT PROCESS DATE: 08/29/80

COUNTY AND STATE HARRISON WV NORTHERN WEST VIRGINIA REGION FAIRMONT OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM EFFLUENT STANDARDS TYPE

LOCATION TOE SEEPAGE

ISSUING AGENCY OSM

VIOLATION DATE 05/15/79 VIOLATION ORDER 79-I-38-30 NUMBER 01 OF 01

****REQUIRED ACTION****

TREAT TOE SEEPAGE TO MEET STANDARDS
COMPLIANCE DATE 05/15/79 EXTENSIONS / / / /

****CONSOLS ACTION****

BEGAN MEASURES TO MEET STANDARDS
DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE 10/15/79
ASSESSMENT $1,300 DATE 06/06/79
SETTLEMENT $0 DATE 10/15/79

NAME OF FACILITY HUMPHREY #7 PREP PLANT TYPE OF FACILITY PREP PLANT PROCESS DATE: 08/29/80

COUNTY AND STATE MONONGALIA WV NORTHERN WEST VIRGINIA REGION MORGANTOWN OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM EFFLUENT STANDARDS TYPE

LOCATION CULVERT INTO MONONGAHELA RIVER

ISSUING AGENCY OSM

VIOLATION DATE 05/15/79 VIOLATION ORDER 79-I-38-31 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

CONTROL SEDIMENT AND DRAINAGE
COMPLIANCE DATE 05/15/79 EXTENSIONS / / / /

COMPLETED POND AND INSTALLED PIPE
DATE CORRECTED 06/20/79

STATUS OF ORDER: PENDING DATE 11/26/79
ASSESSMENT $2,900 DATE 06/06/79
SETTLEMENT $800 DATE 11/26/79

NAME OF FACILITY JENKINSJONES PREP PLANT TYPE OF FACILITY PREP PLANT PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM EFFLUENT STANDARDS TYPE

LOCATION SLURRY PIPE ADJACENT TO PLANT AREA

ISSUING AGENCY OSM

VIOLATION DATE 09/10/79 VIOLATION ORDER 79-I-38-45 NUMBER 01 OF 03

****REQUIRED ACTION****

****CONSOLS ACTION****

COMPLIANCE DATE / / EXTENSIONS / / / /

TERMINATED-RUPTURED SLURRY PIPED FIXED DURING INSPECTION
DATE CORRECTED 09/10/79

STATUS OF ORDER: TERMINATED DATE 09/10/79 ENTRY DATE 01/07/81
ASSESSMENT $420 DATE 10/05/79
SETTLEMENT $420 DATE 04/29/80

NAME OF FACILITY JENKINSJONES PREP PLANT TYPE OF FACILITY PREP PLANT PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.14(E)

STATED PROBLEM FAILURE TO COVER WASTE AND COMBUSTIBLES TYPE

LOCATION ALONG ACCESS ROAD AND OUTSLOPES NEAR PLANT

ISSUING AGENCY OSM

VIOLATION DATE 09/10/79 VIOLATION ORDER 79-I-38-45 NUMBER 02 OF 03

****REQUIRED ACTION****

REMOVE OR COVER COMBUSTIBLE AND WASTE MATERIALS
COMPLIANCE DATE 09/21/79 EXTENSIONS / / / /

****CONSOLS ACTION****

COMPLETED CLEAN UP AND SEEDING
DATE CORRECTED 09/28/79

STATUS OF ORDER: TERMINATED DATE 09/10/79 ENTRY DATE 08/29/80
ASSESSMENT $0 DATE 10/05/79
SETTLEMENT $0 DATE 10/05/79

NAME OF FACILITY JENKINSJONES PREP PLANT TYPE OF FACILITY PREP PLANT PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.20

STATED PROBLEM FAILURE TO REVEGETATE DISTURBED AREAS TYPE

LOCATION FACE OF REFUSE EMBANKMENT,SLURRY POND SLOPES, OUTSLOPE NEAR PLANT AND ROADS

ISSUING AGENCY OSM

VIOLATION DATE 09/10/79 VIOLATION ORDER 79-1-38-45 NUMBER 03 OF 03

****REQUIRED ACTION****

COVER DISTURBED AREAS WITH PERMANENT VEGETATION
COMPLIANCE DATE 10/19/79 EXTENSIONS / / / /

****CONSOLS ACTION****

COMPLETED REVEGETATION WORK AS REQUIRED
DATE CORRECTED 09/28/79

STATUS OF ORDER: TERMINATED DATE 09/28/79 ENTRY DATE 01/07/81
ASSESSMENT $1,400 DATE 10/05/79
SETTLEMENT $480 DATE 04/29/80

NAME OF FACILITY IRELAND TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MARSHALL WV EASTERN REGION MOUNDSVILLE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM ALLDRAINAGE NOT THROUGH SEDIMENTATION POND TYPE

LOCATION REFUSE DISPOSAL AREA DRAINAGE TO GRAVEYARD RUN

ISSUING AGENCY OSM

VIOLATION DATE 10/16/79 VIOLATION ORDER 79-I-38-48 NUMBER 01 OF 02

****REQUIRED ACTION****

INSTALL NECESSARY STRUCTURES
COMPLIANCE DATE 01/15/80 EXTENSIONS / / / /

****CONSOLS ACTION****

CONSTRUCTED SEDIMENT TRAPS; SEEDED PORTIONS OF REFUSE AREA
DATE CORRECTED 12/04/79

STATUS OF ORDER: TERMINATED DATE 12/06/79 ENTRY DATE 08/29/80
ASSESSMENT NO DATE 10/17/80
SETTLEMENT DATE

NAME OF FACILITY IRELAND TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MARSHALL WV EASTERN REGION MOUNDSVILLE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.20;.17(G)

STATED PROBLEM FAILURE TO REVEGETATE AND RECOVER TOXIC MATERIAL TYPE

LOCATION ACTIVE AREAS

ISSUING AGENCY OSM

VIOLATION DATE 10/16/79 VIOLATION ORDER 79-I-38-48 NUMBER 02 OF 02

****REQUIRED ACTION****

REGRADE, TOPSOIL, REVEGETATE
COMPLIANCE DATE 12/15/79 EXTENSIONS / / / /

COMPLIANCE DATE / / EXTENSIONS / / / /

****CONSOLS ACTION****

CONSTRUCTED DIVERSIONS AND SEDIMENTATION POND
DATE CORRECTED 12/15/79

PREPARED 10 ACRES FOR SPRING 80 SEEDING-CONTRACT LET 092479
DATE CORRECTED 12/15/79

STATUS OF ORDER: TERMINATED DATE 12/15/79 ENTRY DATE 08/29/80
ASSESSMENT $0 DATE 11/19/79
SETTLEMENT DATE / /

NAME OF FACILITY DENTS RUN #79 DEEP TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MONONGALIA WV NORTHERN WEST VIRGINIA REGION FAIRMONT OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM EFFLUENT STANDARDS TYPE

LOCATION CONSTRUCTION AREA INCLUDING STREAM

ISSUING AGENCY OSM

VIOLATION DATE 11/27/79 VIOLATION ORDER 79-I-38-55 NUMBER 01 OF 01

****REQUIRED ACTION****

PREVENT SUSPENDED SOLIDS FROM REACHING STREAM
COMPLIANCE DATE 11/27/79 EXTENSIONS / / / /

****CONSOLS ACTION****

BEGAN MEASURES TO MINIMIZE SEDIMENTATION DURING CONSTRUCTION
DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE 12/10/79
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY OSAGE #3 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MONONGALIA WV NORTHERN WEST VIRGINIA REGION MORGANTOWN OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM EFFLUENT STANDARDS TYPE

LOCATION TOE SEEPAGE

ISSUING AGENCY OSM

VIOLATION DATE 03/22/79 VIOLATION ORDER 79-I-38-8 NUMBER 01 OF 01

****REQUIRED ACTION****

CONSTRUCT PUMPING SYSTEM TO ELIMINATE DISCHARGE
COMPLIANCE DATE 06/20/79 EXTENSIONS / / / /

****CONSOLS ACTION****

BEGAN ACTION TO ELIMINATE DISCHARGE
DATE CORRECTED / /

STATUS OF ORDER: TERMINATED DATE 07/23/79 ENTRY DATE 08/29/80
ASSESSMENT $2,800 DATE 04/19/79
SETTLEMENT $900 DATE 07/17/79

LEGAL PROCEEDINGS PETITION FOR REVIEW DATE INITIATED 05/09/79
LOCATION OF PROCEEDINGS PITTSBURGH PA HEARING AUTHORITY OFFICE OF HEARINGS AND APPEALS
PROCEEDING STATUS DISMISSED - JOINT MOTION DECISION DATE 07/17/79

NAME OF FACILITY THREE FORKS STRIP TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.17(A)

STATED PROBLEM FAILURE TO PASS ALL DRAINAGE THROUGH SEDIMENTATION POND TYPE

LOCATION AREA VICINITY OF CEMETARY

ISSUING AGENCY OSM

VIOLATION DATE 04/27/79 VIOLATION ORDER 79-I-43-16 NUMBER 01 OF 03

****REQUIRED ACTION****

PASS ALL DRAINAGE THROUGH APPROVED SEDIMENTATION POND
COMPLIANCE DATE 05/24/79 EXTENSIONS / / / /

****CONSOLS ACTION****

PASSED ALL DRAINAGE THROUGH SEDIMENTATION POND
DATE CORRECTED 06/01/79

STATUS OF ORDER: TERMINATED DATE 06/01/79 ENTRY DATE 08/29/80
ASSESSMENT $1,500 DATE 05/22/79
SETTLEMENT $0 DATE 05/22/80

NAME OF FACILITY THREE FORKS STRIP TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 710.11(A)(2)

STATED PROBLEM OPERATING OUTSIDE PERMIT AREA WITHOUT APPROVAL TYPE

LOCATION SOUTH AND NORTHEAST OF ACTIVE MINING AND PERMIT AREA

ISSUING AGENCY OSM

VIOLATION DATE 04/27/79 VIOLATION ORDER 79-I-43-16 NUMBER 02 OF 03

****REQUIRED ACTION****

SUBMIT A PERMIT AMENDMENT FOR APPROVAL
COMPLIANCE DATE 05/28/79 EXTENSIONS / / / /

****CONSOLS ACTION****

RECONSTRUCTED,STABILIZED WITH VEGETATION-FROM APPROVED PLAN
DATE CORRECTED 06/01/79

STATUS OF ORDER: TERMINATED DATE 06/01/79 ENTRY DATE 08/29/80
ASSESSMENT $1,900 DATE 05/22/79
SETTLEMENT $1,100 DATE 05/22/80

NAME OF FACILITY THREE FORKS STRIP TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 716.2(A)(1)

STATED PROBLEM MATERIAL ON DOWNSLOPE TYPE

LOCATION SOUTH SIDE OF ACTIVE MINING AREA

ISSUING AGENCY OSM

VIOLATION DATE 04/27/79 VIOLATION ORDER 79-I-43-16 NUMBER 03 OF 03

****REQUIRED ACTION****

RECLAIM DISTURBED AREA OR SUBMIT PLAN FOR RECONSTRUCTION
COMPLIANCE DATE 06/08/79 EXTENSIONS / / / /

****CONSOLS ACTION****

SUBMITTED PERMIT AMENDMENT FOR REGULATORY AUTHORITY APPROVAL
DATE CORRECTED 06/08/79

STATUS OF ORDER: TERMINATED DATE 06/08/79 ENTRY DATE 08/29/80
ASSESSMENT $2,600 DATE 05/22/79
SETTLEMENT $0 DATE 05/22/80

NAME OF FACILITY ECKMAN NO 11 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(J)(3)

STATED PROBLEM FAILURE TO MAINTAIN ACCESS AND HAULROADS TYPE

LOCATION AREA ADJACENT TO ACCESS AND HAUL ROADS

ISSUING AGENCY OSM

VIOLATION DATE 08/23/79 VIOLATION ORDER 79-I-70-10 NUMBER 01 OF 04

****REQUIRED ACTION****

DITCH ACCESS AND HAULROADS AND SURFACE THEM PROPERLY
COMPLIANCE DATE 10/19/79 EXTENSIONS / / / /

****CONSOLS ACTION****

COMPLETED REQUIRED ROAD MAINTENANCE
DATE CORRECTED 10/16/79

STATUS OF ORDER: TERMINATED DATE 10/16/79 ENTRY DATE 09/29/80
ASSESSMENT $1,100 DATE / /
SETTLEMENT $0 DATE 04/29/80

NAME OF FACILITY ECKMAN NO 11 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.20(A)(B)

STATED PROBLEM FAILURE TO PROVIDE PERMANENT VEGETATION TYPE

LOCATION YARD,LANDING POINT AND MINE ENTRIES

ISSUING AGENCY OSM

VIOLATION DATE 08/23/79 VIOLATION ORDER 79-I-70-10 NUMBER 02 OF 04

****REQUIRED ACTION**** ****CONSOLS ACTION****

ESTABLISH PERMANENT VEGETATIVE COVER HYDROSEEDING HAS BEEN ACCOMPLISHED
COMPLIANCE DATE 01/28/79 EXTENSIONS / / / / DATE CORRECTED 08/29/79

STATUS OF ORDER: TERMINATED DATE 10/16/79 ENTRY DATE 09/29/80
ASSESSMENT $0 DATE 10/12/79
SETTLEMENT $0 DATE 10/12/79

NAME OF FACILITY ECKMAN NO 11 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.14(A)(1)

STATED PROBLEM FAILED TO RETAIN ALL NONWASTE MATERIALS ON SOLID PORTION OF BENCHES TYPE

LOCATION SLOPE BELOW BENCH-ALONG AND ABOVE SUPPLY ACCESS ROAD

ISSUING AGENCY OSM

VIOLATION DATE 08/23/79 VIOLATION ORDER 79-I-70-10 NUMBER 03 OF 04

****REQUIRED ACTION**** ****CONSOLS ACTION****

COVER/REMOVE SPOIL;SEED WITH VEGETATIVE COVER HYDROSEEDING HAS BEEN ACCOMPLISHED
COMPLIANCE DATE 10/19/79 EXTENSIONS / / / / DATE CORRECTED 08/29/79

STATUS OF ORDER: TERMINATED DATE 10/16/79 ENTRY DATE 09/29/80
ASSESSMENT $1,200 DATE / /
SETTLEMENT $0 DATE 04/29/80

NAME OF FACILITY ECKMAN NO 11 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.14(E)

STATED PROBLEM FAILED TO HAVE 4 FEET OF COVER ON WASTE MATERIALS TYPE

LOCATION PLACES WHERE ACID OR TOXIC MATERIAL EXISTS

ISSUING AGENCY OSM

VIOLATION DATE 08/23/79 VIOLATION ORDER 79-I-70-10 NUMBER 04 OF 04

****REQUIRED ACTION****

COVER MATERIALS WITH 4FEET OF MATERIAL
COMPLIANCE DATE 10/19/79 EXTENSIONS / / / /

****CONSOLS ACTION****

HYDROSEEDING HAS BEEN ACCOMPLISHED
DATE CORRECTED 08/29/79

STATUS OF ORDER: TERMINATED DATE 10/16/79 ENTRY DATE 09/29/80
ASSESSMENT $1,500 DATE / /
SETTLEMENT $1,200 DATE 04/29/80

NAME OF FACILITY ECKMAN - PAGE TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.14(E)

STATED PROBLEM FAILED TO COVER WASTE MATERIALS WITH 4 FEET OF MATERIAL TYPE

LOCATION ALL DISTURBED AREA

ISSUING AGENCY OSM

VIOLATION DATE 08/22/79 VIOLATION ORDER 79-I-70-9 NUMBER 01 OF 04

****REQUIRED ACTION**** ****CONSOLS ACTION****

COVER ALL WASTE MATERIALS WITH 4 FEET OF MATERIALS COMPLETED HYDROSEEDING
COMPLIANCE DATE 09/28/79 EXTENSIONS / / / / DATE CORRECTED 08/29/79

STATUS OF ORDER: TERMINATED DATE 09/28/79 ENTRY DATE 01/07/81
ASSESSMENT $1,500 DATE / /
SETTLEMENT $0 DATE 12/01/80

NAME OF FACILITY ECKMAN - PAGE TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(J)(3)

STATED PROBLEM FAILURE TO MAINTAIN ACCESS AND HAULROAD TYPE

LOCATION ROAD SURFACE AND ROAD DRAINAGE

ISSUING AGENCY OSM

VIOLATION DATE 08/22/79 VIOLATION ORDER 79-I-70-9 NUMBER 02 OF 04

****REQUIRED ACTION****

ADEQUATELY DITCH ROADS AND COVER PROPERLY
COMPLIANCE DATE 10/19/79 EXTENSIONS / / / /

****CONSOLS ACTION****

COMPLETED REQUIRED ROAD MAINTENANCE
DATE CORRECTED 09/28/79

STATUS OF ORDER: TERMINATED DATE 09/28/79 ENTRY DATE 01/07/81
ASSESSMENT $1,100 DATE / /
SETTLEMENT $0 DATE 12/01/80

NAME OF FACILITY ECKMAN - PAGE TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.12(B)

STATED PROBLEM MINE ID SIGN NOT DISPLAYED TYPE

LOCATION ALL POINTS OF ACCESS TO MINE

ISSUING AGENCY OSM

VIOLATION DATE 08/22/79 VIOLATION ORDER 79-I-70-9 NUMBER 03 OF 04

****REQUIRED ACTION****

DISPLAY PROPER MINE ID SIGNS AT ALL POINTS OF ACCESS
COMPLIANCE DATE 08/31/79 EXTENSIONS / / / /

****CONSOLS ACTION****

POSTED PROPER MINE ID SIGNS
DATE CORRECTED 08/29/79

STATUS OF ORDER: TERMINATED DATE 09/28/79 ENTRY DATE 01/07/81
ASSESSMENT $440 DATE / /
SETTLEMENT $0 DATE 12/01/80

NAME OF FACILITY ECKMAN - PAGE TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.20(A)(B)

STATED PROBLEM FAILED TO ESTABLISH PERMANENT VEGETATION TYPE

LOCATION WHERE NO COVER EXISTS

ISSUING AGENCY OSM

VIOLATION DATE 08/22/79 VIOLATION ORDER 79-I-70-9 NUMBER 04 OF 04

****REQUIRED ACTION**** ****CONSOLS ACTION****

ESTABLISH PERMANENT VEGETATIVE COVER ON DISTURBED AREAS COMPLETED HYDROSEEDING
COMPLIANCE DATE 09/28/79 EXTENSIONS / / / / DATE CORRECTED 08/29/79

STATUS OF ORDER: TERMINATED DATE 09/28/79 ENTRY DATE 01/07/81
ASSESSMENT $1,500 DATE / /
SETTLEMENT $0 DATE 12/01/80

NAME OF FACILITY ECKMAN NO 9 TYPE OF FACILITY PREP PLANT PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM FAILURE TO PASS ALL DRAINAGE THROUGH SEDIMENTATION POND TYPE

LOCATION AREA AROUND LOADING DOCK

ISSUING AGENCY OSM

VIOLATION DATE 12/12/79 VIOLATION ORDER 79-I-82-15 NUMBER 01 OF 01

****REQUIRED ACTION****

PASS ALL RUNOFF THROUGH SEDIMENTATION POND
COMPLIANCE DATE 02/10/80 EXTENSIONS / / / /

****CONSOLS ACTION****

CONSTRUCTED POND
DATE CORRECTED 02/03/80

STATUS OF ORDER: TERMINATED DATE 02/06/80 ENTRY DATE 01/07/81
ASSESSMENT $0 DATE 04/08/80
SETTLEMENT $0 DATE 04/08/80

NAME OF FACILITY BURNING STAR #2 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE PERRY IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.17(A)

STATED PROBLEM ALL DRAINAGE NOT THROUGH SEDIMENTATION POND TYPE

LOCATION DEEP STRIP PIT #1

ISSUING AGENCY OSM

VIOLATION DATE 08/13/79 VIOLATION ORDER 79-III-10-11 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

CEASE MINING; PASS DRAINAGE THROUGH POND ALL DRAINAGE PASSES THROUGH POND
COMPLIANCE DATE 08/28/79 EXTENSIONS / / / / DATE CORRECTED 08/14/79

STATUS OF ORDER: TERMINATED DATE 08/14/79 ENTRY DATE 08/29/80
ASSESSMENT $700 DATE 01/25/80
SETTLEMENT DATE 08/14/79

NAME OF FACILITY BURNING STAR #2 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE PERRY IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.17(A)

STATED PROBLEM FAILURE TO PASS DRAINAGE THROUGH SED POND TYPE

LOCATION WEST OF NORTHEAST POND

ISSUING AGENCY OSM

VIOLATION DATE 09/10/79 VIOLATION ORDER 79-III-10-14 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

PASS DRAINAGE THROUGH SED POND
COMPLIANCE DATE 09/24/79 EXTENSIONS / / / /

COMPLETED SEDIMENTATION POND
DATE CORRECTED 09/13/79

STATUS OF ORDER: TERMINATED DATE 09/20/79 ENTRY DATE 08/29/80
ASSESSMENT $0 DATE 10/05/79
SETTLEMENT DATE / /

NAME OF FACILITY BURNING STAR #4 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE PERRY IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.17(A)

STATED PROBLEM FAILURE OF WATER TO RUN THROUGH SEDIMENTATION PONDS TYPE

LOCATION EASTERN END OF PIT

ISSUING AGENCY OSM

VIOLATION DATE 05/30/79 VIOLATION ORDER 79-III-10-3 NUMBER 01 OF 01

****REQUIRED ACTION****

PASS ALL DISCHARGE THROUGH SEDIMENTATION POND
COMPLIANCE DATE 06/14/79 EXTENSIONS / / / /

****CONSOLS ACTION****

CHANNELLED DISCHARGE THROUGH SEDIMENTATION POND
DATE CORRECTED 05/31/79

STATUS OF ORDER: TERMINATED DATE 06/12/79 ENTRY DATE 08/29/80
ASSESSMENT $2,800 DATE 06/12/79
SETTLEMENT DATE / /

NAME OF FACILITY BURNING STAR #4 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE PERRY IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.17(F)

STATED PROBLEM DISCHARGE FROM SEDIMENTATION POND CAUSING EROSION TYPE

LOCATION SOUTH EAST CORNER-ADJACENT TO GALUM CREEK

ISSUING AGENCY OSM

VIOLATION DATE 06/12/79 VIOLATION ORDER 79-III-10-7 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

CONTROL DISCHARGE TO PREVENT EROSION RECONSTRUCT ROAD AND DITCH FOR PIPE TO DISCHARGE PROPERLY
COMPLIANCE DATE 07/12/79 EXTENSIONS / / / / DATE CORRECTED 06/14/79

STATUS OF ORDER: TERMINATED DATE 06/20/79 ENTRY DATE 10/13/80
ASSESSMENT $1,000 DATE 07/10/79
SETTLEMENT $1,000 DATE 08/15/79

NAME OF FACILITY BURNING STAR #2 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE PERRY IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.17(F)

STATED PROBLEM DISCHARGE FROM SEDIMENTATION POND CAUSING EROSION TYPE

LOCATION WESTERN POND AT PINKNEYVILLE PIT 3

ISSUING AGENCY OSM

VIOLATION DATE 07/03/79 VIOLATION ORDER 79-III-10-9 NUMBER 01 OF 01

****REQUIRED ACTION****

MODIFY FACILITIES TO CONTROL EROSION
COMPLIANCE DATE 07/14/79 EXTENSIONS / / / /

****CONSOLS ACTION****

AREA WAS GRADED AND FILLED TO PREVENT EROSION
DATE CORRECTED 07/05/79

STATUS OF ORDER: TERMINATED DATE 07/06/79 ENTRY DATE 08/29/80
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY NORRIS TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE FULTON IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.17(A)

STATED PROBLEM FAILURE TO PASS ALL DRAINAGE THROUGH SEDIMENTATION POND TYPE

LOCATION AREA BEHIND WESTERN STOCKPILE

ISSUING AGENCY OSM

VIOLATION DATE 12/05/79 VIOLATION ORDER 79-III-11-15 NUMBER 01 OF 01

****REQUIRED ACTION****

PASS ALL RUNOFF THROUGH SEDIMENTATION POND
COMPLIANCE DATE 12/26/79 EXTENSIONS / / / /

****CONSOLS ACTION****

BUILT DIVERSION DITCH TO CONVEY RUNOFF TO POND
DATE CORRECTED 12/12/79

STATUS OF ORDER: TERMINATED DATE 12/13/79 ENTRY DATE 08/29/80
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY NORRIS TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE FULTON IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.12(B)(E)

STATED PROBLEM FAILURE TO PROPERLY POST SIGNS TYPE

LOCATION WESTERN ACCESS

ISSUING AGENCY OSM

VIOLATION DATE 08/14/79 VIOLATION ORDER 79-III-11-5 NUMBER 01 OF 02

****REQUIRED ACTION**** ****CONSOLS ACTION****

POST PROPER SIGNS OR PREVENT PUBLIC ACCESS POINT OF ACCESS PROPERLY BLOCKED
COMPLIANCE DATE 08/24/79 EXTENSIONS / / / / DATE CORRECTED 08/14/79

STATUS OF ORDER: TERMINATED DATE 12/06/79 ENTRY DATE 08/29/80
ASSESSMENT $440 DATE 09/20/79
SETTLEMENT DATE 08/16/79

NAME OF FACILITY NORRIS TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE FULTON IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.16(C)

STATED PROBLEM FAILURE TO STORE TOPSOIL ON SOLID AREA TYPE

LOCATION WESTERN END OF PIT

ISSUING AGENCY OSM

VIOLATION DATE 08/14/79 VIOLATION ORDER 79-III-11-5 NUMBER 02 OF 02

****REQUIRED ACTION****

RELOCATE STOCKPILES TO MORE STABLE AREA
COMPLIANCE DATE 09/04/79 EXTENSIONS / / / /

****CONSOLS ACTION****

PROCEEDED WITH MOVING STOCKPILE
DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE 12/06/79
ASSESSMENT $2,500 DATE 09/20/79
SETTLEMENT DATE / /

NAME OF FACILITY GEORGETOWN PREP PLANT TYPE OF FACILITY PREP PLANT PROCESS DATE: 08/29/80

COUNTY AND STATE HARRISON OH MIDWESTERN REGION UNDERGROUND OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM FAILURE TO PASS DRAINAGE THROUGH SED POND-EFFLUENT STANDARDS TYPE

LOCATION GOB PILE SOUTH OF HAUL ROAD,1500' EAST OF SR9

ISSUING AGENCY OSM

VIOLATION DATE 08/17/79 VIOLATION ORDER 79-III-19-24 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

PASS DRAINAGE THROUGH SED POND TO MEET EFFLUENT STANDARDS
COMPLIANCE DATE 11/15/79 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE 12/06/79
ASSESSMENT $1,200 DATE 09/14/79
SETTLEMENT DATE / /

NAME OF FACILITY BURNING STAR #5 TYPE OF FACILITY SURFACE PROCESS DATE: 09/29/80

COUNTY AND STATE JACKSON IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.17(A)

STATED PROBLEM FAILURE TO MEET EFFLUENT LIMITATIONS FOR TSS TYPE SMCRA

LOCATION SEDIMENT POND DISCHARGE SW CORNER OF PERMIT #570-79

ISSUING AGENCY OSM

VIOLATION DATE 05/16/79 VIOLATION ORDER 79-III-5-13 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

MEET EFFLUENT STANDARDS
COMPLIANCE DATE 06/01/79 EXTENSIONS / / / /

MODIFIED FACILITIES
DATE CORRECTED 05/20/79

STATUS OF ORDER: TERMINATED DATE 05/29/79 ENTRY DATE 09/29/80
ASSESSMENT $2,100 DATE 08/28/79
SETTLEMENT $2,100 DATE 09/24/79

NAME OF FACILITY BURNING STAR #5 TYPE OF FACILITY SURFACE PROCESS DATE: 09/29/80

COUNTY AND STATE JACKSON IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.17(A)

STATED PROBLEM FAILURE TO PASS ALL DRAINAGE THROUGH SEDIMENTATION PONDS TYPE SMCRA

LOCATION SOUTH CENTRAL PART OF PERMIT #570-79

ISSUING AGENCY OSM

VIOLATION DATE 05/16/79 VIOLATION ORDER 79-III-5-14 NUMBER 01 OF 01

****REQUIRED ACTION****

PASS ALL DRAINAGE THROUGH SEDIMENTATION POND
COMPLIANCE DATE 05/21/79 EXTENSIONS / / / /

****CONSOLS ACTION****

PASSED DRAINAGE THROUGH PONDS
DATE CORRECTED 05/20/79

STATUS OF ORDER: TERMINATED DATE 05/29/79 ENTRY DATE 09/29/80
ASSESSMENT $600 DATE 08/28/79
SETTLEMENT $600 DATE 09/24/79

NAME OF FACILITY BURNING STAR #3 TYPE OF FACILITY SURFACE PROCESS DATE: 09/29/80

COUNTY AND STATE RANDOLPH IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.17(A)

STATED PROBLEM FAILURE TO MEET EFFLUENT LIMITATIONS FOR TSS TYPE SMCRA

LOCATION NE SEDIMENT POND ON PERMIT #574-79

ISSUING AGENCY OSM

VIOLATION DATE 08/02/79 VIOLATION ORDER 79-III-5-22 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

CEASE PUMPING IMMEDIATELY; MODIFY FACILITIES DEEPENED POND
COMPLIANCE DATE 05/16/79 EXTENSIONS / / / / DATE CORRECTED 08/14/80

STATUS OF ORDER: TERMINATED DATE 09/04/79 ENTRY DATE 09/29/80
ASSESSMENT $2,600 DATE 08/31/79
SETTLEMENT $1,800 DATE 05/22/80

NAME OF FACILITY BURNING STAR #4 TYPE OF FACILITY SURFACE PROCESS DATE: 09/29/80

COUNTY AND STATE PERRY IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.17(A)

STATED PROBLEM FAILURE TO PASS ALL DRAINAGE THROUGH SEDIMENTATION PONDS TYPE

LOCATION SOUTHEAST CORNER-SECTION 3

ISSUING AGENCY OSM

VIOLATION DATE 01/12/79 VIOLATION ORDER 79-III-5-3 NUMBER 01 OF 01

****REQUIRED ACTION****

PASS DRAINAGE THROUGH SEDIMENTATION POND
COMPLIANCE DATE 01/22/79 EXTENSIONS / / / /

****CONSOLS ACTION****

CONSTRUCTED SERVICE ROAD FOR WATER TO RUN TO SED POND
DATE CORRECTED / /

STATUS OF ORDER: TERMINATED DATE 01/23/79 ENTRY DATE 08/29/80
ASSESSMENT $2,300 DATE 01/22/79
SETTLEMENT $1,800 DATE 06/22/79

NAME OF FACILITY BURNING STAR #4 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE PERRY IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.19(E)(1)

STATED PROBLEM EXCESSIVE AIRBLASTS ON RECORDS-10/10,10/18,11/9,11/14/,12/3,12/19/79 TYPE

LOCATION BLASTING AREA OF STATE PERMIT 572-79

ISSUING AGENCY OSM

VIOLATION DATE 12/27/79 VIOLATION ORDER 79-III-5-32 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

MODIFY PROCEDURES BEFORE NEXT BLAST INCREASED SUPERVISION, LARGER SPACING, FEWER HOLES PER SHOT
COMPLIANCE DATE / / EXTENSIONS / / / / DATE CORRECTED 12/28/79

STATUS OF ORDER: TERMINATED DATE 01/07/80 ENTRY DATE 08/29/80
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY BURNING STAR #3 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE PERRY IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.17(A)

STATED PROBLEM EFFLUENT STANDARDS TYPE

LOCATION SEDIMENTATION POND

ISSUING AGENCY OSM

VIOLATION DATE 02/20/79 VIOLATION ORDER 79-III-5-6 NUMBER 01 OF 02

****REQUIRED ACTION**** ****CONSOLS ACTION****

CORRECT CONDITIONS TO MEET EFFLUENT STANDARDS
COMPLIANCE DATE 03/14/79 EXTENSIONS / / / /

CORRECTED CONDITIONS TO MEET EFFLUENT STANDARDS
DATE CORRECTED 03/13/79

STATUS OF ORDER: TERMINATED DATE 04/20/79 ENTRY DATE 08/29/80
ASSESSMENT $2,700 DATE / /
SETTLEMENT $2,600 DATE 04/20/79

NAME OF FACILITY BURNING STAR #3 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE PERRY IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.16(C)

STATED PROBLEM TOPSOIL STOCKPILE TYPE

LOCATION STOCKPILE IN SE CORNER

ISSUING AGENCY OSM

VIOLATION DATE 02/20/79 VIOLATION ORDER 79-III-5-6 NUMBER 02 OF 02

****REQUIRED ACTION**** ****CONSOLS ACTION****

PROTECT STOCKPILE FROM WIND AND WATER EROSION
COMPLIANCE DATE 03/07/79 EXTENSIONS / / / /

CONSTRUCTION OF BERM AND INSTALLED STRAW BALES
DATE CORRECTED 03/01/79

STATUS OF ORDER: TERMINATED DATE 03/22/79 ENTRY DATE 08/29/80
ASSESSMENT $1,200 DATE / /
SETTLEMENT $0 DATE 03/22/79

NAME OF FACILITY BURNING STAR #2 TYPE OF FACILITY SURFACE PROCESS DATE: 09/29/80

COUNTY AND STATE PERRY IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.17(A)

STATED PROBLEM FAILURE TO MEET EFFLUENT LIMITATIONS TYPE SMCRA

LOCATION SECOND BASIN EAST FROM NW CORNER

ISSUING AGENCY OSM

VIOLATION DATE 01/25/79 VIOLATION ORDER 79-III-9-1 NUMBER 01 OF 02

****REQUIRED ACTION**** ****CONSOLS ACTION****

CONSTRUCT FACILITIES TO MEET EFFLUENT LIMITATIONS; MULCH IMPROVED EFFLUENT STANDARDS AND CONTROL EROSION
COMPLIANCE DATE 02/11/79 EXTENSIONS / / / / DATE CORRECTED 02/08/79

STATUS OF ORDER: VACATED DATE 02/09/79 ENTRY DATE 09/29/80
ASSESSMENT DATE / /
SETTLEMENT DATE / /

LEGAL PROCEEDINGS DATE INITIATED / /
LOCATION OF PROCEEDINGS HEARING AUTHORITY
PROCEEDING STATUS ORDER VACATED DUE TO IMPROPER PROCEDURE DECISION DATE / /

NAME OF FACILITY VELVA TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE WARD ND WESTERN REGION WESTERN OPERATIONS

VIOLATION OF: SMCRA OF 1977 SECTION 502(A)

STATED PROBLEM OPERATING W/O PERMIT TYPE

LOCATION TIPPLE WASTE DISPOSAL AREA

ISSUING AGENCY OSM

VIOLATION DATE 04/27/79 VIOLATION ORDER 79-V-3-19 NUMBER 01 OF 06

****REQUIRED ACTION**** ****CONSOLS ACTION****

DISPOSE WASTE IN APPROVED MANNER BEGAN REQUIRED ACTION
COMPLIANCE DATE 07/26/79 EXTENSIONS / / / / DATE CORRECTED 07/26/79

STATUS OF ORDER: TERMINATED DATE 08/03/79 ENTRY DATE 03/29/80
ASSESSMENT $1,700 DATE 05/22/79
SETTLEMENT $500 DATE 01/07/80

NAME OF FACILITY BRADFORD TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE HARRISON OH MIDWESTERN REGION OHIO SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.17(A)

STATED PROBLEM FAILURE TO MEET EFFLUENT LIMITATIONS TYPE

LOCATION POND 4; NORTHEAST DRAINAGE AREA

ISSUING AGENCY OSM

VIOLATION DATE 03/20/79 VIOLATION ORDER 79-III-8-10 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

INSTALL PROPER FACILITIES FOR DISCHARGED WATER INSTALLED TREATMENT FACILITES
COMPLIANCE DATE 03/30/79 EXTENSIONS / / / / DATE CORRECTED 03/22/79

STATUS OF ORDER: TERMINATED DATE 03/26/79 ENTRY DATE 08/29/80
ASSESSMENT $460 DATE 04/13/79
SETTLEMENT $460 DATE 05/10/79

NAME OF FACILITY BURNING STAR #2 TYPE OF FACILITY SURFACE PROCESS DATE: 09/29/80

COUNTY AND STATE PERRY IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.17(A)

STATED PROBLEM FAILURE TO MEET EFFLUENT LIMITATIONS TYPE SMCRA

LOCATION SECOND BASIN EAST FROM NW CORNER

ISSUING AGENCY OSM

VIOLATION DATE 01/25/79 VIOLATION ORDER 79-III-9-1 NUMBER 01 OF 02

****REQUIRED ACTION**** ****CONSOLS ACTION****

CONSTRUCT FACILITIES TO MEET EFFLUENT LIMITATIONS; MULCH IMPROVED EFFLUENT STANDARDS AND CONTROL EROSION
COMPLIANCE DATE 02/11/79 EXTENSIONS / / / / DATE CORRECTED 02/08/79

STATUS OF ORDER: VACATED DATE 02/09/79 ENTRY DATE 09/29/80
ASSESSMENT DATE / /
SETTLEMENT DATE / /

LEGAL PROCEEDINGS DATE INITIATED / /
LOCATION OF PROCEEDINGS HEARING AUTHORITY
PROCEEDING STATUS ORDER VACATED DUE TO IMPROPER PROCEDURE DECISION DATE / /

NAME OF FACILITY VELVA TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE WARD ND WESTERN REGION WESTERN OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.12(C)

STATED PROBLEM INADEQUATE SIGNS AND MARKERS TYPE

LOCATION ENTIRE OPERATION

ISSUING AGENCY OSM

VIOLATION DATE 04/27/79 VIOLATION ORDER 79-V-3-19 NUMBER 02 OF 06

****REQUIRED ACTION**** ****CONSOLS ACTION****

DESIGNATE ALL PERMIT BOUNDARIES BEGAN REQUIRED ACTION
COMPLIANCE DATE 05/27/79 EXTENSIONS / / / / DATE CORRECTED 05/27/79

STATUS OF ORDER: TERMINATED DATE 08/03/79 ENTRY DATE 08/29/80
ASSESSMENT $0 DATE 05/22/79
SETTLEMENT DATE / /

NAME OF FACILITY VELVA TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE WARD ND WESTERN REGION WESTERN OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.14(J)

STATED PROBLEM WASTE IN DRAINAGE COURSE TYPE

LOCATION NORTH OF TIPPLE

ISSUING AGENCY OSM

VIOLATION DATE 04/27/79 VIOLATION ORDER 79-V-3-19 NUMBER 03 OF 06

****REQUIRED ACTION**** ****CONSOLS ACTION****

REMOVE WASTE FROM DRAINAGE COURSE BEGAN REQUIRED ACTION
COMPLIANCE DATE 07/26/79 EXTENSIONS / / / / DATE CORRECTED 07/26/79

STATUS OF ORDER: TERMINATED DATE 08/03/79 ENTRY DATE 08/29/80
ASSESSMENT $1,700 DATE 05/22/79
SETTLEMENT $500 DATE 01/07/80

NAME OF FACILITY VELVA TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE WARD ND WESTERN REGION WESTERN OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.16(A)

STATED PROBLEM FAILURE TO REMOVE TOPSOIL BEFORE SURFACE DISTURBANCE TYPE

LOCATION WHERE DIVERSION EMPTIES TO PIT

ISSUING AGENCY OSM

VIOLATION DATE 04/27/79 VIOLATION ORDER 79-V-3-19 NUMBER 04 OF 06

****REQUIRED ACTION**** ****CONSOLS ACTION****

REMOVE TOPSOIL BEFORE SURFACE DISTURBANCES BEGAN REQUIRED ACTION
COMPLIANCE DATE 06/26/79 EXTENSIONS / / / / DATE CORRECTED 06/26/79

STATUS OF ORDER: TERMINATED DATE 08/03/79 ENTRY DATE 08/29/80
ASSESSMENT $1,200 DATE 05/22/79
SETTLEMENT $400 DATE 01/07/80

NAME OF FACILITY VELVA TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE WARD ND WESTERN REGION WESTERN OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.16(A)

STATED PROBLEM FAILURE TO PROTECT TOPSOIL TYPE

LOCATION ACCESS ROADS ON TOP OF STOCKPILES

ISSUING AGENCY OSM

VIOLATION DATE 04/27/79 VIOLATION ORDER 79-V-3-19 NUMBER 05 OF 06

****REQUIRED ACTION**** ****CONSOLS ACTION****

PROTECT TOPSOIL-CEASE ALL ACTIVITIES ON STOCKPILES BEGAN REQUIRED ACTION
COMPLIANCE DATE 05/04/79 EXTENSIONS / / / / DATE CORRECTED 05/04/79

STATUS OF ORDER: TERMINATED DATE 08/03/79 ENTRY DATE 08/29/80
ASSESSMENT $2,000 DATE 05/22/79
SETTLEMENT $700 DATE 01/07/80

NAME OF FACILITY VELVA TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE WARD ND WESTERN REGION WESTERN OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.17(A)

STATED PROBLEM FAILURE TO PASS DRAINAGE THROUGH SEDIMENTATION PONDS TYPE

LOCATION TIPPLE AND OFFICE AREA

ISSUING AGENCY OSM

VIOLATION DATE 04/27/79 VIOLATION ORDER 79-V-3-19 NUMBER 06 OF 06

****REQUIRED ACTION**** ****CONSOLS ACTION****

PASS DRAINAGE THROUGH SEDIMENTATION PONDS BEGAN REQUIRED ACTION
COMPLIANCE DATE 07/26/79 EXTENSIONS / / / / DATE CORRECTED 07/26/79

STATUS OF ORDER: TERMINATED DATE 08/03/79 ENTRY DATE 08/29/80
ASSESSMENT $1,700 DATE 05/22/79
SETTLEMENT $500 DATE 01/07/80

NAME OF FACILITY GLENHAROLD TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE MERCER ND WESTERN REGION WESTERN OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 710.11,211.40

STATED PROBLEM FAILURE TO FOLLOW APPROVED PLANS TYPE

LOCATION BUFFER ZONE; LACK OF REQUIRED BERM & POND

ISSUING AGENCY OSM

VIOLATION DATE 08/02/79 VIOLATION ORDER 79-V-3-31 NUMBER 01 OF 04

****REQUIRED ACTION****

CONDUCT OPERATION ACCORDING TO APPROVED PLANS
COMPLIANCE DATE 10/01/79 EXTENSIONS / / / /

****CONSOLS ACTION****

REMEDIAL MEASURES COMPLETED
DATE CORRECTED 09/26/79

STATUS OF ORDER: PENDING DATE 01/03/80
ASSESSMENT $2,000 DATE 08/31/79
SETTLEMENT $2,000 DATE 09/27/79

NAME OF FACILITY GLENHAROLD TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE MERCER ND WESTERN REGION WESTERN OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.17(A)

STATED PROBLEM FAILURE TO PASS SURFACE DRAINAGE THROUGH SEDIMENTATION POND TYPE

LOCATION ADJACENT TO ALDERIN CREEK

ISSUING AGENCY OSM

VIOLATION DATE 08/02/79 VIOLATION ORDER 79-V-3-31 NUMBER 02 OF 04

****REQUIRED ACTION****

RUNOFF CONTROL
COMPLIANCE DATE 09/01/79 EXTENSIONS / / / /

****CONSOLS ACTION****

SEDIMENT PONDS CONSTRUCTED
DATE CORRECTED 10/26/79

STATUS OF ORDER: TERMINATED DATE 10/18/79 ENTRY DATE 08/29/80
ASSESSMENT $1,500 DATE 08/31/79
SETTLEMENT $1,500 DATE 09/27/79

NAME OF FACILITY GLENHAROLD TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE MERCER ND WESTERN REGION WESTERN OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.16(A)

STATED PROBLEM FAILURE TO REMOVE TOPSOIL BEFORE SURFACE DISTURBANCE TYPE

LOCATION WEST OF MINING OPERATIONS & BETWEEN THE HIGHWALL & DIVERSION DITCH

ISSUING AGENCY OSM

VIOLATION DATE 08/02/79 VIOLATION ORDER 79-V-3-31 NUMBER 03 OF 04

****REQUIRED ACTION**** ****CONSOLS ACTION****

REMOVE TOPSOIL ADJACENT TO DIVERSION DITCH REMOVED TOPSOIL AS REQUIRED
COMPLIANCE DATE 09/01/79 EXTENSIONS / / / / DATE CORRECTED 10/16/79

STATUS OF ORDER: TERMINATED DATE 10/18/79 ENTRY DATE 08/29/80
ASSESSMENT $2,300 DATE 08/31/79
SETTLEMENT $2,300 DATE 09/27/79

NAME OF FACILITY GLENHAROLD TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE MERCER ND WESTERN REGION WESTERN OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.19(C)

STATED PROBLEM FAILURE TO COMPLY W/ RULES & USE OF EXPLOSIVES TYPE

LOCATION SECTION 32

ISSUING AGENCY OSM

VIOLATION DATE 08/02/79 VIOLATION ORDER 79-V-3-31 NUMBER 04 OF 04

****REQUIRED ACTION****

REPUBLISH & REDISTRIBUTE BLASTING INFO.,GIVE WARNING
COMPLIANCE DATE 09/01/79 EXTENSIONS / / / /

****CONSOLS ACTION****

PUBLICATION OF BLASTING SCHEDULE IN NEWSPAPER
DATE CORRECTED 08/03/79

STATUS OF ORDER: TERMINATED DATE 10/18/79 ENTRY DATE 08/29/80
ASSESSMENT $1,400 DATE 08/31/79
SETTLEMENT $1,400 DATE 09/27/79

NAME OF FACILITY VELVA TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE WARD ND WESTERN REGION WESTERN OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.14(J)(1)

STATED PROBLEM FAILURE TO REMOVE & COVER:TOXIC OR COMBUSTIBLE MATERIALS TYPE

LOCATION WASTE DISPOSAL AREA NORTH OF TIPPLE

ISSUING AGENCY OSM

VIOLATION DATE 08/03/79 VIOLATION ORDER 79-V-3-32 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

REMOVE & COVER MATERIALS AS APPROVED MATERIALS REMOVED AND AREA COVERED
COMPLIANCE DATE 09/03/79 EXTENSIONS / / / / DATE CORRECTED 08/30/79

STATUS OF ORDER: TERMINATED DATE 08/31/79 ENTRY DATE 08/29/80
ASSESSMENT $0 DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY GLENHAROLD TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE MERCER ND WESTERN REGION WESTERN OPERATIONS

VIOLATION OF: SMCRA OF 1977 SECTION 521

STATED PROBLEM IMPROPER WATER MONITORING TYPE

LOCATION ACTIVE AREA

ISSUING AGENCY OSM

VIOLATION DATE 08/14/79 VIOLATION ORDER 79-V-3-33 NUMBER 01 OF 01

****REQUIRED ACTION****

CONDUCT MONITORING AS PER APPROVED PLANS
COMPLIANCE DATE 09/14/79 EXTENSIONS / / / /

****CONSOLS ACTION****

MONITORING BEING DONE IN APPROVED MANNER
DATE CORRECTED 08/09/79

STATUS OF ORDER: TERMINATED DATE 10/18/79 ENTRY DATE 08/29/80
ASSESSMENT $1,200 DATE 09/18/79
SETTLEMENT $1,200 DATE 09/27/79

NAME OF FACILITY GLENHAROLD TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE MERCER ND WESTERN REGION WESTERN OPERATIONS

VIOLATION OF: SMCRA OF 1977 SECTION 211.4(A)

STATED PROBLEM FAILURE TO CONDUCT PROPER SURFACE AND GROUNDWATER MONITORING TYPE

LOCATION ACTIVE AREA

ISSUING AGENCY OSM

VIOLATION DATE 10/18/79 VIOLATION ORDER 79-V-3-37 NUMBER 01 OF 01

****REQUIRED ACTION****

CONDUCT MONITORING ACCORDING TO APPROVED PLANS
COMPLIANCE DATE / / EXTENSIONS / / / /

****CONSOLS ACTION****

CONDUCTED PROPER MONITORING
DATE CORRECTED / /

STATUS OF ORDER: TERMINATED DATE 04/16/80 ENTRY DATE 08/29/80
ASSESSMENT $1,700 DATE 02/11/80
SETTLEMENT $1,700 DATE 02/21/80

NAME OF FACILITY GLENHAROLD TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE MERCER ND WESTERN REGION WESTERN OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 211.4(A)

STATED PROBLEM FAILURE TO FOLLOW APPROVED WATER MONITORING PLANS TYPE

LOCATION ENTIRE OPERATION

ISSUING AGENCY OSM

VIOLATION DATE 10/12/79 VIOLATION ORDER 79-V-53-37 NUMBER 01 OF 01

****REQUIRED ACTION****

CONDUCT OPERATION ACCORDING TO APPROVED PLANS
COMPLIANCE DATE 11/12/79 EXTENSIONS / / / /

****CONSOLS ACTION****

COMPLETED REQUIRED MONITORING
DATE CORRECTED 11/01/79

STATUS OF ORDER: PENDING DATE 01/03/80
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY JENKINSJONES PREP PLANT TYPE OF FACILITY PREP PLANT PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: WV CODE CHAP. 20 - 5, 5A SECTION 3.01

STATED PROBLEM SIMPLE WATER POLLUTION TYPE

LOCATION PREP PLANT AREA INTO TUG FORK RIVER

ISSUING AGENCY WV DNR WATER RESOURCE DIV

VIOLATION DATE 08/22/79 VIOLATION ORDER 8-22-79-DNR NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

PREVENT SIMILAR OCCURENCES IN THE FUTURE
COMPLIANCE DATE / / EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: TERMINATED DATE 10/08/79 ENTRY DATE 08/29/80
ASSESSMENT $160 DATE / /
SETTLEMENT $160 DATE 10/22/79

NAME OF FACILITY ROBINSON RUN #95 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 09/29/80

COUNTY AND STATE HARRISON WV NORTHERN WEST VIRGINIA REGION FAIRMONT OPERATIONS

VIOLATION OF: WV CODE CHAP. 20 SECTION 9

STATED PROBLEM FAILURE TO REPORT SPILL WHICH KILLED FISH TYPE OTHER

LOCATION NO. 2 NORTH PUMP

ISSUING AGENCY WV DNR

VIOLATION DATE 08/24/78 VIOLATION ORDER 8-24-78-DNR NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

ADJUST SYSTEM TO PREVENT FUTURE OCCURENCES ADJUSTED SYSTEM
COMPLIANCE DATE / / EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: TERMINATED DATE 08/30/78 ENTRY DATE 09/29/80
ASSESSMENT $1,788 DATE 08/30/78
SETTLEMENT $1,788 DATE 08/30/78

LEGAL PROCEEDINGS MAGISTRATE'S HEARING DATE INITIATED / /
LOCATION OF PROCEEDINGS FAIRMONT WV HEARING AUTHORITY MAGISTRATE
PROCEEDING STATUS CLOSED-$110 FINE; $1678.71 FISH KILL DECISION DATE 08/30/78

NAME OF FACILITY AMONATE DEEP TYPE OF FACILITY UNDERGROUND PROCESS DATE: 09/29/80

COUNTY AND STATE TAZEWELL VA SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: VA CSMR 14A SECTION 9

STATED PROBLEM FAILURE TO PASS ALL DRAINAGE THROUGH SEDIMENTATION PONDS TYPE SMCRA

LOCATION APPLICABLE AREAS ALONG HAULROAD

ISSUING AGENCY VA DMLR

VIOLATION DATE 08/08/79 VIOLATION ORDER 8-8-79-DMLR NUMBER 01 OF 01

****REQUIRED ACTION****

PASS DRAINAGE THROUGH POND; DITCH HAULROAD
COMPLIANCE DATE 10/11/79 EXTENSIONS / / / /

****CONSOLS ACTION****

DIVERTED DRAINAGE TO SEDIMENTATION POND
DATE CORRECTED 10/10/70

STATUS OF ORDER: TERMINATED DATE 10/15/79 ENTRY DATE 09/29/80
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY ECKMAN - PAGE TYPE OF FACILITY UNDERGROUND PROCESS DATE: 09/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: WV CODE CHAP.20, ART. 6 SECTION 8

STATED PROBLEM DISTURBED SURFACE W/O PERMIT TYPE SMCRA

LOCATION PUNCH-OUT AREA

ISSUING AGENCY WV DNR

VIOLATION DATE 08/08/79 VIOLATION ORDER 8-8-79-DNR NUMBER 01 OF 01

****REQUIRED ACTION****

****CONSOLS ACTION****

IMMEDIATELY RECLAIM ALL DISTURBED AREA
COMPLIANCE DATE / / EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY PURSGLOVE #15 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MONONGALIA WV NORTHERN WEST VIRGINIA REGION MORGANTOWN OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM FAILURE TO MEET EFFLUENT LIMITATIONS (TSS 747 MG/L) TYPE SMCRA

LOCATION AREAS SURROUNDING THE TIPPLE

ISSUING AGENCY OSM

VIOLATION DATE 05/22/80 VIOLATION ORDER 80-I-103-41 NUMBER 01 OF 01

****REQUIRED ACTION****

INSTALL MEASURES NECESSARY TO MEET EFFLUENT LIMITATIONS
COMPLIANCE DATE 06/23/80 EXTENSIONS / / / /

****CONSOLS ACTION****

INSTALLED STONE CHECK DAM AND SUMP
DATE CORRECTED 06/19/80

STATUS OF ORDER: TERMINATED DATE 06/23/80 ENTRY DATE 08/29/80
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY OSAGE #3 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MONONGALIA WV NORTHERN WEST VIRGINIA REGION MORGANTOWN OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM DISTURBANCE OF AREA BEFORE SEDIMENTATION STRUCTURES INSTALLED TYPE SMCRA

LOCATION WARNER SHAFT AREA

ISSUING AGENCY OSM

VIOLATION DATE 06/19/80 VIOLATION ORDER 80-I-103-44 NUMBER 01 OF 02

****REQUIRED ACTION****

INSTALL SEDIMENT CONTROL STRUCTURES
COMPLIANCE DATE 07/07/80 EXTENSIONS / / / / DATE CORRECTED / /

****CONSOLS ACTION****

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY OSAGE #3 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MONONGALIA WV NORTHERN WEST VIRGINIA REGION MORGANTOWN OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.20(B)

STATED PROBLEM FAILURE TO ESTABLISH VEGETATION TYPE SMCRA

LOCATION BEHIND VENTILATION FANHOUSE (WARNER SHAFT)

ISSUING AGENCY OSM

VIOLATION DATE 06/19/80 VIOLATION ORDER 80-I-103-44 NUMBER 02 OF 02

****REQUIRED ACTION**** ****CONSOLS ACTION****

ESTABLISH VEGETATION ON AFFECTED AREAS
COMPLIANCE DATE 07/31/80 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY BLACKSVILLE #1 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 09/29/80

COUNTY AND STATE MONONGALIA WV NORTHERN WEST VIRGINIA REGION BLACKSVILLE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM FAILURE TO PASS ALL DRAINAGE THROUGH SEDIMENTATION PONDS TYPE SMCRA

LOCATION SW SIDE OF PERMIT NEAR LOADING FACILITY

ISSUING AGENCY OSM

VIOLATION DATE 09/02/80 VIOLATION ORDER 80-I-103-54 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

PASS ALL DRAINAGE THROUGH SEDIMENTATION POND
COMPLIANCE DATE 10/02/80 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT $0 DATE 12/15/80
SETTLEMENT $0 DATE 12/15/80

NAME OF FACILITY ARKWRIGHT #1 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 01/22/81

COUNTY AND STATE MONONGALIA WV NORTHERN WEST VIRGINIA REGION MORGANTOWN OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(F)

STATED PROBLEM LACK OF ENERGY DISSIPATORS AT SEDIMENTATION STRUCTURE OUTLET TYPE SMCRA

LOCATION REFUSE ACCESS ROAD APPROX 1/4 MILE ABOVE SUPPLY YARD

ISSUING AGENCY OSM

VIOLATION DATE 10/08/80 VIOLATION ORDER 80-I-103-62 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

INSTALL ENERGY DISSIPATORS
COMPLIANCE DATE 10/31/80 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT $0 DATE 12/15/80
SETTLEMENT $0 DATE 12/15/80

NAME OF FACILITY PURSGLOVE #15 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 01/22/81

COUNTY AND STATE MONONGALIA WV NORTHERN WEST VIRGINIA REGION MORGANTOWN OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17

STATED PROBLEM FAILURE TO PROTECT HYDROLOGIC BALANCE TYPE SMCRA

LOCATION REFUSE AREA (RIGHT SIDE WHERE REFUSE IN CONTACT WITH NATURAL SLOPE)

ISSUING AGENCY OSM

VIOLATION DATE 10/15/80 VIOLATION ORDER 80-I-103-66 NUMBER 01 OF 01

****REQUIRED ACTION****

PREVENT WATER FROM CONTACTING REFUSE
COMPLIANCE DATE 11/14/80 EXTENSIONS / / / /

****CONSOLS ACTION****

REGRADED AND VEGETATED AFFECTED AREA
DATE CORRECTED 11/05/80

STATUS OF ORDER: TERMINATED DATE 11/07/80 ENTRY DATE 01/22/81
ASSESSMENT $1,300 DATE 12/15/80
SETTLEMENT DATE / /

NAME OF FACILITY ARKWRIGHT #1 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 10/30/80

COUNTY AND STATE MONONGALIA WV NORTHERN WEST VIRGINIA REGION MORGANTOWN OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM FAILURE TO MEET EFFLUENT LIMITATIONS (PH = 2.9) TYPE SMCRA

LOCATION CULVERT OUTLET UNDER HAULROAD NEAR PREP PLANT

ISSUING AGENCY OSM

VIOLATION DATE 10/16/80 VIOLATION ORDER 80-I-103-67 NUMBER 01 OF 01

****REQUIRED ACTION****

INSTALL AND MAINTAIN TREATMENT FACILITIES
COMPLIANCE DATE 10/31/80 EXTENSIONS 01/16/81 / /

****CONSOLS ACTION****

SEALED OFF THE DISCHARGE
DATE CORRECTED 10/26/80

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

LEGAL PROCEEDINGS APPLICATION FOR REVIEW DATE INITIATED 10/28/80
LOCATION OF PROCEEDINGS HEARING AUTHORITY
PROCEEDING STATUS DECISION DATE / /

NAME OF FACILITY RENTON TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE ALLEGHENY PA EASTERN REGION ALLEGHENY OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM FAILURE TO PASS ALL DRAINAGE THROUGH SEDIMENTATION PONDS TYPE SMCRA

LOCATION WATER BEING DISCHARGED FROM A WELL NEAR THE STREAM

ISSUING AGENCY OSM

VIOLATION DATE 08/05/80 VIOLATION ORDER 80-I-110-3 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

PASS WATER THROUGH SEDIMENTATION PONDS
COMPLIANCE DATE 08/08/80 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY RENTON TYPE OF FACILITY UNDERGROUND PROCESS DATE: 09/29/80

COUNTY AND STATE ALLEGHENY PA EASTERN REGION ALLEGHENY OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.17(A)

STATED PROBLEM FAILURE TO PASS ALL DRAINAGE THROUGH SEDIMENTATION PONDS TYPE SMCRA

LOCATION REFUSE AREA WHERE IF FACES MOLLISSEE ROAD

ISSUING AGENCY OSM

VIOLATION DATE 08/19/80 VIOLATION ORDER 80-I-110-6 NUMBER 01 OF 02

****REQUIRED ACTION****

PASS ALL DRAINAGE THROUGH SEDIMENTATION POND
COMPLIANCE DATE 09/02/80 EXTENSIONS 09/30/80 / /

****CONSOLS ACTION****

REPAIRED DIVERSION; SEEDED AND MULCHED DISTURBED AREAS
DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT $1,400 DATE 10/02/80
SETTLEMENT DATE / /

LEGAL PROCEEDINGS APPLICATION FOR REVIEW DATE INITIATED 09/23/80
LOCATION OF PROCEEDINGS HEARING AUTHORITY
PROCEEDING STATUS DECISION DATE / /

LEGAL PROCEEDINGS APPLICATION FOR TEMPORARY RELIEF DATE INITIATED 10/23/80
LOCATION OF PROCEEDINGS HEARING AUTHORITY
PROCEEDING STATUS EXTEND COMPLIANCE DATE TO AFTER HEARING DECISION DATE 11/11/80

NAME OF FACILITY RENTON TYPE OF FACILITY UNDERGROUND PROCESS DATE: 09/29/80

COUNTY AND STATE ALLEGHENY PA EASTERN REGION ALLEGHENY OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.17(A)

STATED PROBLEM FAILURE TO MEET EFFLUENT LIMITATIONS TYPE SMCRA

LOCATION DISTURBED AREAS OF REFUSE PILE

ISSUING AGENCY OSM

VIOLATION DATE 08/19/80 VIOLATION ORDER 80-I-110-6 NUMBER 02 OF 02

****REQUIRED ACTION**** ****CONSOLS ACTION****

TREAT DISCHARGES FROM REFUSE PILE
COMPLIANCE DATE 09/02/80 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT $1,600 DATE 10/02/80
SETTLEMENT DATE / /

LEGAL PROCEEDINGS APPLICATION FOR REVIEW DATE INITIATED 09/23/80
LOCATION OF PROCEEDINGS HEARING AUTHORITY
PROCEEDING STATUS DECISION DATE / /

LEGAL PROCEEDINGS APPLICATION FOR TEMPORARY RELIEF DATE INITIATED 10/23/80
LOCATION OF PROCEEDINGS HEARING AUTHORITY
PROCEEDING STATUS EXTEND COMPLIANCE DATE TO AFTER HEARING DECISION DATE 11/11/80

NAME OF FACILITY BENTON TYPE OF FACILITY UNDERGROUND PROCESS DATE: 09/29/80

COUNTY AND STATE ALLEGHENY PA EASTERN REGION ALLEGHENY OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM FAILURE TO PASS ALL DRAINAGE THROUGH SEDIMENTATION PONDS TYPE SMCRA

LOCATION REFUSE AREA WHERE IT FACES CLEMENTS ROAD

ISSUING AGENCY OSM

VIOLATION DATE 08/26/80 VIOLATION ORDER 80-I-110-7 NUMBER 01 OF 02

****REQUIRED ACTION**** ****CONSOLS ACTION****

PASS ALL DRAINAGE THROUGH SEDIMENTATION POND
COMPLIANCE DATE 09/12/80 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

LEGAL PROCEEDINGS APPLICATION FOR REVIEW DATE INITIATED 09/23/80
LOCATION OF PROCEEDINGS HEARING AUTHORITY
PROCEEDING STATUS DECISION DATE / /

LEGAL PROCEEDINGS APPLICATION FOR TEMPORARY RELIEF DATE INITIATED 10/23/80
LOCATION OF PROCEEDINGS HEARING AUTHORITY
PROCEEDING STATUS EXTEND COMPLIANCE DATE TO AFTER HEARING DECISION DATE 11/11/80

NAME OF FACILITY RENTON TYPE OF FACILITY UNDERGROUND PROCESS DATE: 09/29/80

COUNTY AND STATE ALLEGHENY PA EASTERN REGION ALLEGHENY OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)(2)

STATED PROBLEM FAILURE TO MEET EFFLUENT LIMITATIONS TYPE SMCRA

LOCATION REFUSE AREA WHERE IT FACES CLEMENTS ROAD

ISSUING AGENCY OSM

VIOLATION DATE 08/26/80 VIOLATION ORDER 80-I-110-7 NUMBER 02 OF 02

****REQUIRED ACTION**** ****CONSOLS ACTION****

TREAT DISCHARGES FROM REFUSE PILE
COMPLIANCE DATE 09/12/80 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

LEGAL PROCEEDINGS APPLICATION FOR REVIEW DATE INITIATED 09/23/80
LOCATION OF PROCEEDINGS HEARING AUTHORITY
PROCEEDING STATUS DECISION DATE / /

LEGAL PROCEEDINGS APPLICATION FOR TEMPORARY RELIEF DATE INITIATED 10/23/80
LOCATION OF PROCEEDINGS HEARING AUTHORITY
PROCEEDING STATUS EXTEND COMPLIANCE DATE TO AFTER HEARING DECISION DATE 11/11/80

NAME OF FACILITY RENTON TYPE OF FACILITY UNDERGROUND PROCESS DATE: 09/29/80

COUNTY AND STATE ALLEGHENY PA EASTERN REGION ALLEGHENY OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM FAILURE TO MEET EFFLUENT LIMITATIONS (PH = 4.7) TYPE SMCRA

LOCATION DISCHARGE FROM POND NEAR MOLLISSEE ROAD

ISSUING AGENCY OSM

VIOLATION DATE 09/10/80 VIOLATION ORDER 80-I-110-8 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

TREAT WATER BEFORE DISCHARGING IT
COMPLIANCE DATE 09/30/80 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY TURKEY GAP TYPE OF FACILITY UNDERGROUND PROCESS DATE: 01/07/81

COUNTY AND STATE WYOMING WV SOUTHERN APPALACHIA REGION BECKLEY OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.11(B)

STATED PROBLEM NO COPY OF PERMIT LICENSES APPROVED PLANS TO OPERATE SITE TYPE SMCRA

LOCATION ENTIRE OPERATION

ISSUING AGENCY OSM

VIOLATION DATE 08/06/80 VIOLATION ORDER 80-I-118-1 NUMBER 01 OF 01

****REQUIRED ACTION****

HAVE COPY OF AUTH TO OPERATE AT OR NEAR MINE SITE
COMPLIANCE DATE 08/12/80 EXTENSIONS / / / /

****CONSOLS ACTION****

COPY OF AUTHORIZATIONS TO OPERATE IS LOCATED ON THE SITE
DATE CORRECTED 08/08/80

STATUS OF ORDER: TERMINATED DATE 08/13/80 ENTRY DATE 01/07/81
ASSESSMENT $0 DATE 07/03/80
SETTLEMENT $0 DATE 07/03/80

NAME OF FACILITY WILLIAMS #98 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE HARRISON WV NORTHERN WEST VIRGINIA REGION FAIRMONT OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(H)(2)

STATED PROBLEM FAILURE TO CONDUCT GROUNDWATER MONITORING IN AN APPROVED MANNER TYPE SMCRA

LOCATION ENTIRE AREA

ISSUING AGENCY OSM

VIOLATION DATE 07/09/80 VIOLATION ORDER 80-I-28-33 NUMBER 01 OF 02

****REQUIRED ACTION****

SUBMIT PLAN TO RA; IMPLEMENT THE PLAN
COMPLIANCE DATE 08/11/80 EXTENSIONS / / / / DATE CORRECTED / /

****CONSOLS ACTION****

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

LEGAL PROCEEDINGS APPLICATION FOR REVIEW DATE INITIATED 07/22/80
LOCATION OF PROCEEDINGS CHARLESTON WV HEARING AUTHORITY ALJ ALLEN
PROCEEDING STATUS DECISION DATE / /

NAME OF FACILITY WILLIAMS #98 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE HARRISON WV NORTHERN WEST VIRGINIA REGION FAIRMONT OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM FAILURE TO PASS ALL DRAINAGE THROUGH SEDIMENTATION PONDS TYPE SMCRA

LOCATION COAL STOCKPILE, CONVEYOR SYSTEM AREAS; AREAS BEHIND TIPPLE COMPLEX

ISSUING AGENCY OSM

VIOLATION DATE 07/09/80 VIOLATION ORDER 80-I-28-33 NUMBER 02 OF 02

****REQUIRED ACTION**** ****CONSOLS ACTION****

PASS ALL DRAINAGE THROUGH SEDIMENTATION PONDS; REVEGETATE
COMPLIANCE DATE 08/11/80 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY ROBINSON RUN #95 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE HARRISON WV NORTHERN WEST VIRGINIA REGION FAIRMONT OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(H)(2)

STATED PROBLEM FAILURE TO MONITOR GROUNDWATER IN APPROVED MANNER TYPE SMCRA

LOCATION GROUNDWATER SYSTEM WHERE AFFECTED BY SURFACE FACILITIES

ISSUING AGENCY OSM

VIOLATION DATE 07/22/80 VIOLATION ORDER 80-I-28-34 NUMBER 01 OF 01

****REQUIRED ACTION****

SUBMIT AND IMPLEMENT PLAN TO MONITOR GROUNDWATER
COMPLIANCE DATE 08/25/80 EXTENSIONS / / / /

****CONSOLS ACTION****

SUBMITTED PLAN TO WV ONR
DATE CORRECTED 08/13/80

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY ROBINSON RUN #95 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE HARRISON WV NORTHERN WEST VIRGINIA REGION FAIRMONT OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM FAILURE TO MEET EFFLUENT LIMITATIONS TYPE SMCRA

LOCATION FINAL DISCHARGE FROM MAIN NORTH AND PLANT

ISSUING AGENCY OSM

VIOLATION DATE 08/05/80 VIOLATION ORDER 80-I-28-39 NUMBER 01 OF 01

****REQUIRED ACTION****

INSTALL FILTRATION SYSTEM
COMPLIANCE DATE 08/11/80 EXTENSIONS / / / /

****CONSOLS ACTION****

INSTALLED SKIMMER
DATE CORRECTED 08/07/80

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT $1,400 DATE 12/15/80
SETTLEMENT DATE / /

NAME OF FACILITY JENKINJONES TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(J)(3)

STATED PROBLEM INADEQUATE HAULROAD SURFACING TYPE

LOCATION JENKINJONES #4, APPLICABLE PORTIONS OF HAULROAD

ISSUING AGENCY OSM

VIOLATION DATE 02/28/80 VIOLATION ORDER 80-I-32-10 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

PROVIDE ADEQUATE SURFACING ON HAULROAD
COMPLIANCE DATE 03/06/80 EXTENSIONS / / / /

RESURFACED HAULROAD
DATE CORRECTED 03/04/80

STATUS OF ORDER: TERMINATED DATE 03/06/80 ENTRY DATE 10/13/80
ASSESSMENT $1,700 DATE 04/22/80
SETTLEMENT DATE / /

LEGAL PROCEEDINGS PETITION FOR REVIEW DATE INITIATED 10/08/80
LOCATION OF PROCEEDINGS HEARING AUTHORITY
PROCEEDING STATUS DECISION DATE / /

LEGAL PROCEEDINGS APPLICATION FOR REVIEW DATE INITIATED 10/14/80
LOCATION OF PROCEEDINGS BECKLEY WV HEARING AUTHORITY
PROCEEDING STATUS DECISION DATE / /

NAME OF FACILITY HORSEPEN STRIP #2 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION BECKLEY OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM FAILED TO MEET EFFLUENT STANDARDS-POND #1 TYPE

LOCATION SEDIMENTATION POND #1

ISSUING AGENCY OSM

VIOLATION DATE 04/09/80 VIOLATION ORDER 80-I-32-20 NUMBER 01 OF 02

****REQUIRED ACTION****

CONSTRUCT ADDITIONAL SURFACE DRAINAGE CONTROLS
COMPLIANCE DATE 05/01/80 EXTENSIONS / / / /

****CONSOLS ACTION****

CLEANED POND #1, NO SURFACE DRAINAGE FLOW FROM POND
DATE CORRECTED 04/30/80

STATUS OF ORDER: TERMINATED DATE 07/24/80 ENTRY DATE 01/07/81
ASSESSMENT $1,500 DATE 07/29/80
SETTLEMENT DATE / /

NAME OF FACILITY HORSEPEN STRIP #2 TYPE OF FACILITY SURFACE PROCESS DATE: 08/25/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION BECKLEY OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM FAILED TO MEET EFFLUENT STANDARDS-POND #5 TYPE

LOCATION SEDIMENTATION POND #5

ISSUING AGENCY OSM

VIOLATION DATE 04/08/80 VIOLATION ORDER 80-I-32-20 NUMBER 02 OF 02

****REQUIRED ACTION**** ****CONSOLS ACTION****

CONSTRUCT ADDITIONAL SURFACE DRAINAGE CONTROLS EFFLUENT NOW 2 MG/L TSS
COMPLIANCE DATE 05/01/80 EXTENSIONS / / / / DATE CORRECTED 04/30/80

STATUS OF ORDER: TERMINATED DATE 07/24/80 ENTRY DATE 01/07/81
ASSESSMENT $1,500 DATE 07/23/80
SETTLEMENT DATE / /

NAME OF FACILITY JENKINSJONES PREP PLANT TYPE OF FACILITY PREP PLANT PROCESS DATE: 01/07/81

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM FAILURE TO MEET EFFLUENT STANDARDS (TSS = 99 MG/L) TYPE SMCRA

LOCATION LOWERMOST POND BELOW PLANT I

ISSUING AGENCY OSM

VIOLATION DATE 06/03/80 VIOLATION ORDER 80-I-32-24 NUMBER 01 OF 01

****REQUIRED ACTION****

MODIFY FACILITIES TO MEET EFFLUENT STANDARDS
COMPLIANCE DATE 06/17/80 EXTENSIONS / / / / DATE CORRECTED / /

****CONSOLS ACTION****

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT $1,400 DATE 12/15/80
SETTLEMENT DATE / /

80-I-32-29
REPORT C21201

NAME OF FACILITY JENKINJONES TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.14(E)

STATED PROBLEM FAILURE TO PROVIDE 4' COVER OVER WASTE MATERIALS TYPE SMCRA

LOCATION AREAS AROUND #6-1 MINE SHOP AND ACCESS ROAD TO SUBSTATION

ISSUING AGENCY OSM

VIOLATION DATE 07/29/80 VIOLATION ORDER 80-I-32-29 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONTROL ACTION****

COVER MATERIALS WITH MINIMUM 4' COVER COVERED MATERIALS AS REQUIRED
COMPLIANCE DATE 08/19/80 EXTENSIONS / / / / DATE CORRECTED 08/15/80

STATUS OF ORDER: TERMINATED DATE 10/20/80 ENTRY DATE 01/22/81
ASSESSMENT $0 DATE 10/02/80
SETTLEMENT $0 DATE 10/02/80

NAME OF FACILITY PAGETON PREP PLANT TYPE OF FACILITY PREP PLANT PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.14(E)

STATED PROBLEM FAILURE TO COVER COMBUSTIBLE AND OTHER WASTE MATERIALS TYPE

LOCATION ALL APPLICABE LOCATIONS W/IN PERMIT AREA

ISSUING AGENCY OSM

VIOLATION DATE 01/21/80 VIOLATION ORDER 80-I-32-3 NUMBER 01 OF 02

****REQUIRED ACTION**** ****CONSOLS ACTION****

COVER OR TREAT MATERIALS COVERED MATERIALS AS REQUIRED
COMPLIANCE DATE 02/23/80 EXTENSIONS / / / / DATE CORRECTED 02/20/80

STATUS OF ORDER: TERMINATED DATE 04/14/80 ENTRY DATE 01/07/81
ASSESSMENT $0 DATE 04/07/80
SETTLEMENT $0 DATE 04/07/80

NAME OF FACILITY PAGETON PREP PLANT TYPE OF FACILITY PREP PLANT PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(G)(2)

STATED PROBLEM FAILURE TO COVER WASTE MATERIAL AND DEBRIS TYPE

LOCATION ALL APPLICABE LOCATIONS W/IN PERMIT AREA

ISSUING AGENCY OSM

VIOLATION DATE 01/21/80 VIOLATION ORDER 80-I-32-3 NUMBER 02 OF 02

****REQUIRED ACTION**** ****CONSOLS ACTION****

TREAT, BURY, OR DISPOSE OF MATERIALS COVERED MATERIALS AS REQUIRED
COMPLIANCE DATE 02/21/80 EXTENSIONS / / / / DATE CORRECTED 02/20/80

STATUS OF ORDER: TERMINATED DATE 04/02/80 ENTRY DATE 01/07/81
ASSESSMENT $0 DATE 04/07/80
SETTLEMENT $0 DATE 04/07/80

NAME OF FACILITY JENKINSJONES PREP PLANT TYPE OF FACILITY PREP PLANT PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(J)(3)

STATED PROBLEM FAILURE TO MAINTAIN ACCESS AND HAULROADS TYPE SMCRA

LOCATION HAULROAD FROM REFUSE DISPOSAL AREAS

ISSUING AGENCY OSM

VIOLATION DATE 07/29/80 VIOLATION ORDER 80-I-32-30 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

MAINTAIN THE ROAD
COMPLIANCE DATE 08/19/80 EXTENSIONS 10/27/80 / /

COMPLETED HAULROAD MAINTENANCE
DATE CORRECTED 10/20/80

STATUS OF ORDER: TERMINATED DATE 10/27/80 ENTRY DATE 01/07/81
ASSESSMENT $0 DATE 10/02/80
SETTLEMENT $0 DATE 10/02/80

NAME OF FACILITY JENKINSJONES PREP PLANT TYPE OF FACILITY PREP PLANT PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM FAILURE TO MEET EFFLUENT STANDARDS WITH DISCHARGE OF 226 MG/L TSS TYPE

LOCATION SEDIMENTATION POND BELOW PREP PLANT SITE

ISSUING AGENCY OSM

VIOLATION DATE 01/28/80 VIOLATION ORDER 80-I-32-4 NUMBER 01 OF 01

****REQUIRED ACTION****

USE ADEQUATE FACILITIES TO MEET EFFLUENT LIMITATIONS
COMPLIANCE DATE 01/29/80 EXTENSIONS / / / /

****CONSOLS ACTION****

CLEANED POND TO INCREASE ITS EFFECTIVENESS
DATE CORRECTED 01/29/80

STATUS OF ORDER: TERMINATED DATE 01/29/80 ENTRY DATE 09/29/80
ASSESSMENT $1,500 DATE 04/07/80
SETTLEMENT $0 DATE 08/14/80

NAME OF FACILITY JENKINJONES TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(J)(2)

STATED PROBLEM FAILURE TO MAINTAIN HAULROAD TYPE

LOCATION ENTIRE LENGTH FROM #7 MINE TO PREP PLANT

ISSUING AGENCY OSM

VIOLATION DATE 02/22/80 VIOLATION ORDER 80-I-32-6 NUMBER 01 OF 02

****REQUIRED ACTION**** ****CONSOLS ACTION****

CONSTRUCT OR REPAIR NECESSARY WATER CONTROL STRUCTURES MODIFIED WATER CONTROL STRUCTURES
COMPLIANCE DATE 03/21/80 EXTENSIONS / / / / DATE CORRECTED 03/20/80

STATUS OF ORDER: TERMINATED DATE 04/14/80 ENTRY DATE 01/07/81
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY JENKINJONES TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM FAILURE TO PASS ALL DRAINAGE THROUGH SEDIMENT POND TYPE

LOCATION ALL APPLICABLE PORTIONS OF JENKINJONES #7

ISSUING AGENCY OSM

VIOLATION DATE 02/22/80 VIOLATION ORDER 80-I-32-6 NUMBER 02 OF 02

****REQUIRED ACTION****

PASS ALL DRAINAGE THROUGH SEDIMENTATION POND
COMPLIANCE DATE 03/07/80 EXTENSIONS / / / /

****CONSOLS ACTION****

PASSED ALL DRAINAGE THROUGH SEDIMENTATION POND
DATE CORRECTED 03/05/80

STATUS OF ORDER: TERMINATED DATE 04/14/80 ENTRY DATE 01/07/81
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY JENKINJONES TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM FAILURE TO MEET EFFLUENT LIMITATIONS FOR TOTAL SUSPENDED SOLIDS TYPE

LOCATION OUTLET OF PIPE GOING UNDER POND ABOVE JENKINJONES #7

ISSUING AGENCY OSM

VIOLATION DATE 02/28/80 VIOLATION ORDER 80-I-32-8 NUMBER 01 OF 02

****REQUIRED ACTION**** ****CONSOLS ACTION****

TREAT WATER TO MEET STANDARDS REVISED TREATMENT PROCESS
COMPLIANCE DATE 03/06/80 EXTENSIONS / / / / DATE CORRECTED 03/03/80

STATUS OF ORDER: TERMINATED DATE 04/04/80 ENTRY DATE 10/13/80
ASSESSMENT $1,500 DATE 08/08/80
SETTLEMENT DATE / /

LEGAL PROCEEDINGS PETITION FOR REVIEW DATE INITIATED 10/08/80
LOCATION OF PROCEEDINGS HEARING AUTHORITY
PROCEEDING STATUS DECISION DATE / /

LEGAL PROCEEDINGS APPLICATION FOR REVIEW DATE INITIATED 10/14/80
LOCATION OF PROCEEDINGS BECKLEY WV HEARING AUTHORITY
PROCEEDING STATUS DECISION DATE / /

NAME OF FACILITY JENKINJONES TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM FAILURE TO MEET EFFLUENT LIMITATIONS FOR TOTAL SUSPENDED SOLIDS TYPE

LOCATION BELOW JENKINJONES #7 AT BRIDGE ON MAIN HAULROAD

ISSUING AGENCY OSM

VIOLATION DATE 02/28/80 VIOLATION ORDER 80-I-32-8 NUMBER 02 OF 02

****REQUIRED ACTION****

TREAT WATER TO MEET STANDARDS
COMPLIANCE DATE 03/06/80 EXTENSIONS / / / /

****CONSOLS ACTION****

REVISED TREATMENT PROCESS
DATE CORRECTED 03/03/80

STATUS OF ORDER: TERMINATED DATE 04/04/80 ENTRY DATE 10/13/80
ASSESSMENT $0 DATE 04/22/80
SETTLEMENT DATE / /

LEGAL PROCEEDINGS PETITION FOR REVIEW DATE INITIATED 10/08/80
LOCATION OF PROCEEDINGS HEARING AUTHORITY
PROCEEDING STATUS DECISION DATE / /

LEGAL PROCEEDINGS APPLICATION FOR REVIEW DATE INITIATED 10/11/80
LOCATION OF PROCEEDINGS BECKLEY WV HEARING AUTHORITY
PROCEEDING STATUS DECISION DATE / /

NAME OF FACILITY JENKINSJONES PREP PLANT TYPE OF FACILITY PREP PLANT PROCESS DATE: 08/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(J)(3)

STATED PROBLEM FAILURE TO MAINTAIN HAULROAD TYPE

LOCATION ALL APPLICABLE PORTIONS OF HAULROAD

ISSUING AGENCY OSM

VIOLATION DATE 02/28/80 VIOLATION ORDER 80-I-32-9 NUMBER 01 OF 01

****REQUIRED ACTION****

INSTALL DRAINAGE DITCHES, AND SURFACE THE ROADS
COMPLIANCE DATE 03/06/80 EXTENSIONS / / / /

****CONSOLS ACTION****

INSTALLED NEW CULVERTS,SUMPS,RISERS;RESURFACED 10 MILES
DATE CORRECTED / /

STATUS OF ORDER: TERMINATED DATE 06/03/80 ENTRY DATE 10/13/80
ASSESSMENT $1,700 DATE 04/22/80
SETTLEMENT $700 DATE 09/19/80

NAME OF FACILITY HUMPHREY #7 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MONONGALIA WV NORTHERN WEST VIRGINIA REGION MORGANTOWN OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.15(A)

STATED PROBLEM IMPROPER DISPOSAL OF EXCESS ROCK AND SPOIL TYPE

LOCATION DISPOSAL AREA TO LEFT OF ACCESS ROAD APPROACHING MINE

ISSUING AGENCY OSM

VIOLATION DATE 02/06/80 VIOLATION ORDER 80-I-38-1 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

PLACE ROCK AND SPOIL IN ACCORDANCE W/ 30CFR 717.15(A):
COMPLIANCE DATE 05/05/80 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT $0 DATE 04/07/80
SETTLEMENT DATE / /

NAME OF FACILITY LOVERIDGE #22 PREP PLANT TYPE OF FACILITY PREP PLANT PROCESS DATE: 08/29/80

COUNTY AND STATE MARION WV NORTHERN WEST VIRGINIA REGION FAIRMONT OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 710.11(A)(2)

STATED PROBLEM CONDUCTING MINING OPERATIONS WITHOUT CURRENT PERMIT FROM STATE TYPE

LOCATION PREPARATION PLANT

ISSUING AGENCY OSM

VIOLATION DATE 03/07/80 VIOLATION ORDER 80-I-38-16 NUMBER 01 OF 03

****REQUIRED ACTION**** ****CONSOLS ACTION****

OBTAIN APPROPRIATE AUTHORIZATION FROM WV DNR OBTAINED PERMIT
COMPLIANCE DATE 06/05/80 EXTENSIONS / / / / DATE CORRECTED 06/01/80

STATUS OF ORDER: TERMINATED DATE 06/10/80 ENTRY DATE 08/29/80
ASSESSMENT $0 DATE 08/14/80
SETTLEMENT DATE / /

NAME OF FACILITY LOVERIDGE #22 PREP PLANT TYPE OF FACILITY PREP PLANT PROCESS DATE: 08/29/80

COUNTY AND STATE MARION WV NORTHERN WEST VIRGINIA REGION FAIRMONT OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.14(A)

STATED PROBLEM FAILURE TO PROVIDE SEDIMENTATION STRUCTURES TYPE

LOCATION SOUTH SIDE OF PREP PLANT NEAR RAIL LOADOUT

ISSUING AGENCY OSM

VIOLATION DATE 03/07/80 VIOLATION ORDER 80-I-38-16 NUMBER 02 OF 03

****REQUIRED ACTION**** ****CONSOLS ACTION****

PROVIDE SEDIMENTATION STRUCTURES
COMPLIANCE DATE 05/23/80 EXTENSIONS / / / /

INSTALLED SEDIMENTATION STRUCTURES
DATE CORRECTED 06/01/80

STATUS OF ORDER: TERMINATED DATE 06/10/80 ENTRY DATE 08/29/80
ASSESSMENT $1,100 DATE 08/14/80
SETTLEMENT DATE / /

NAME OF FACILITY LOVERIDGE #22 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MARION WV NORTHERN WEST VIRGINIA REGION FAIRMONT OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.14(E)

STATED PROBLEM PLACEMENT OF ACID/TOXIC FORMING MATERIALS NEAR DRAINAGE TYPE

LOCATION WESTERN EDGE OF OPERATION NEAR ROAD AND RAILROAD

ISSUING AGENCY OSM

VIOLATION DATE 03/07/80 VIOLATION ORDER 80-I-38-16 NUMBER 03 OF 03

****REQUIRED ACTION**** ****CONSOLS ACTION****

REMOVE CITED MATERIALS OR PROVIDE DRAINAGE CONTROL COVERED AND REVEGETATED AREAS
COMPLIANCE DATE 04/22/80 EXTENSIONS / / / / DATE CORRECTED 06/01/80

STATUS OF ORDER: TERMINATED DATE 06/10/80 ENTRY DATE 08/29/80
ASSESSMENT $0 DATE 05/07/80
SETTLEMENT DATE / /

NAME OF FACILITY IRELAND TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MARSHALL WV EASTERN REGION MOUNDSVILLE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM FAILURE TO MEET EFFLUENT LIMITS FOR PH AND IRON TYPE

LOCATION GRAVEYARD RUN REFUSE DISPOSAL AREA

ISSUING AGENCY OSM

VIOLATION DATE 05/14/80 VIOLATION ORDER 80-I-38-30 NUMBER 01 OF 01

****REQUIRED ACTION****

MAKE DISCHARGE MEET EFFLUENT LIMITATIONS
COMPLIANCE DATE 08/10/80 EXTENSIONS / / / /

****CONSOLS ACTION****

INSTALLED SYSTEM TO COLLECT SEEPAGES FOR TREATMENT
DATE CORRECTED 08/01/80

STATUS OF ORDER: TERMINATED DATE 08/13/80 ENTRY DATE 09/29/80
ASSESSMENT $1,300 DATE 10/02/80
SETTLEMENT DATE / /

NAME OF FACILITY SHOEMAKER TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MARSHALL WV EASTERN REGION MOUNDSVILLE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM FAILURE TO PASS ALL DRAINAGE THROUGH SEDIMENTATION PONDS TYPE

LOCATION BROWN'S RUN COAL REFUSE DISPOSAL FACILITY

ISSUING AGENCY OSM

VIOLATION DATE 05/14/80 VIOLATION ORDER 80-I-38-31 NUMBER 01 OF 01

****REQUIRED ACTION****

PASS ALL DRAINAGE THROUGH SEDIMENTATION PONDS
COMPLIANCE DATE 08/10/80 EXTENSIONS / / / /

****CONSOLS ACTION****

INSTALLED TWO ROCK SEDIMENT TRAPS AND 200' OF SILT FENCE
DATE CORRECTED 08/01/80

STATUS OF ORDER: TERMINATED DATE 08/13/80 ENTRY DATE 09/29/80
ASSESSMENT $0 DATE 10/02/80
SETTLEMENT DATE / /

NAME OF FACILITY O'DONNELL #20 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MARION WV NORTHERN WEST VIRGINIA REGION FAIRMONT OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.14(E)

STATED PROBLEM FAILURE TO COVER COMBUSTIBLE AND WASTE MATERIALS TYPE SMCRA

LOCATION GARBAGE DUMP BEHIND SUPPLY YARD

ISSUING AGENCY OSM

VIOLATION DATE 05/23/80 VIOLATION ORDER 80-I-38-32 NUMBER 01 OF 01

****REQUIRED ACTION****

COVER MATERIALS, MOVE IF NECESSARY
COMPLIANCE DATE 06/16/80 EXTENSIONS / / / /

****CONSOLS ACTION****

DISPOSED OF MATERIALS PROPERLY
DATE CORRECTED 06/15/80

STATUS OF ORDER: TERMINATED DATE 06/20/80 ENTRY DATE 08/29/80
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY O'DONNELL #20 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MARION WV NORTHERN WEST VIRGINIA REGION FAIRMONT OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM FAILURE TO PASS ALL DRAINAGE THROUGH SEDIMENTATION PONDS TYPE SMCRA

LOCATION TOP HALF OF REFUSE IMPOUNDMENT FACE; AREA ABOVE SEEPAGE COLLECTION PONDS

ISSUING AGENCY OSM

VIOLATION DATE 05/23/80 VIOLATION ORDER 80-I-38-33 NUMBER 01 OF 02

****REQUIRED ACTION**** ****CONSOLS ACTION****

CONTROL SEDIMENT AND MEET EFFLUENT LIMITATIONS ESTABLISHED DRAINAGE CONTROL
COMPLIANCE DATE 06/16/80 EXTENSIONS / / / / DATE CORRECTED 06/19/80

STATUS OF ORDER: TERMINATED DATE 06/20/80 ENTRY DATE 08/29/80
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY O'DONNELL #20 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MARION WV NORTHERN WEST VIRGINIA REGION FAIRMONT OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.18(B)(5)

STATED PROBLEM COAL STOCKPILE ON TOP OF REFUSE DISPOSAL IMPOUNDMENT TYPE SMCRA

LOCATION REFUSE FACILITY 1211WV30011-DO

ISSUING AGENCY OSM

VIOLATION DATE 05/23/80 VIOLATION ORDER 80-I-38-33 NUMBER 02 OF 02

****REQUIRED ACTION****

REMOVE COAL STOCKPILE AND AVOID FUTURE OCCURANCES
COMPLIANCE DATE 06/16/80 EXTENSIONS / / / /

****CONSOLS ACTION****

REMOVED COAL STOCKPILE
DATE CORRECTED 06/19/80

STATUS OF ORDER: TERMINATED DATE 06/20/80 ENTRY DATE 08/29/80
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY ROBINSON RUN #95 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MARION WV NORTHERN WEST VIRGINIA REGION FAIRMONT OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.12(A),17(D)

STATED PROBLEM LACK OF PERIMETER AND BUFFER ZONE MARKERS TYPE SMCRA

LOCATION PERIMETER OF DISTURBED AREA; BUFFER ZONE ALONG ROAD FORK

ISSUING AGENCY OSM

VIOLATION DATE 06/11/80 VIOLATION ORDER 80-I-38-35 NUMBER 01 OF 02

****REQUIRED ACTION**** ****CONSOLS ACTION****

INSTALL MARKERS
COMPLIANCE DATE 07/15/80 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT $1,700 DATE 12/15/80
SETTLEMENT DATE / /

NAME OF FACILITY ROBINSON RUN #95 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MARION WV NORTHERN WEST VIRGINIA REGION FAIRMONT OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(D)

STATED PROBLEM RELOCATED STREAM W/O PRIOR APPROVAL TYPE SMCRA

LOCATION RELOCATED ROAD FORK CHANNEL

ISSUING AGENCY OSM

VIOLATION DATE 06/11/80 VIOLATION ORDER 80-I-38-35 NUMBER 02 OF 02

****REQUIRED ACTION**** ****CONSOLS ACTION****

CONSULT RA FOR NECESSARY AUTHORIZATION
COMPLIANCE DATE 06/13/80 EXTENSIONS / / / / DATE CORRECTED / /

DESIGN AND CONSTRUCT NEW STREAM CHANNEL PER 717.15(D):
COMPLIANCE DATE 06/30/80 EXTENSIONS / / / / DATE CORRECTED / /

REVEGETATE DISTURBED AREAS
COMPLIANCE DATE 07/15/80 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT $1,400 DATE 12/15/80
SETTLEMENT DATE / /

NAME OF FACILITY IRELAND TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MARSHALL WV EASTERN REGION MOUNDSVILLE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.20(B)

STATED PROBLEM FAILURE TO ESTABLISH VEGETATION TYPE

LOCATION SLOPE AT SOUTHERN EDGE OF WELL'S RUN FAN SHAFT SITE

ISSUING AGENCY OSM

VIOLATION DATE 07/02/80 VIOLATION ORDER 80-I-38-41 NUMBER 01 OF 01

****REQUIRED ACTION****

SEED AND MULCH THE AREA
COMPLIANCE DATE 08/08/80 EXTENSIONS / / / /

COMPLIANCE DATE / / EXTENSIONS / / / /

****CONSOLS ACTION****

SEEDED AND MULCHED THE AREA
DATE CORRECTED 07/18/80

ESTABLISHED VEGETATION
DATE CORRECTED 08/05/80

STATUS OF ORDER: TERMINATED DATE 08/13/80 ENTRY DATE 09/29/80
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY O'DONNELL #20 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MARION WV NORTHERN WEST VIRGINIA REGION FAIRMONT OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 710911(A)(2)(I)

STATED PROBLEM FAILURE TO CONDUCT OPERATIONS ACCORDING TO PERMIT CONDITIONS TYPE SMCRA

LOCATION MINE 20 SLOPE WORK AREA (PERMIT UO-504)

ISSUING AGENCY OSM

VIOLATION DATE 07/11/80 VIOLATION ORDER 80-I-38-43 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

MODIFY PERMIT OR OPERATE ACCORDING TO CURRENT PERMIT |
COMPLIANCE DATE 10/09/80 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY O'DONNELL #20 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MARION WV NORTHERN WEST VIRGINIA REGION FAIRMONT OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM FAILURE TO MEET EFFLUENT LIMITATIONS (TSS 116 MG/L) TYPE SMCRA

LOCATION SE END OF MINE 20 SLOPE WORK AREA - LONG DRAIN

ISSUING AGENCY OSM

VIOLATION DATE 07/14/80 VIOLATION ORDER 80-I-38-44 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

CONTROL DISCHARGE TO MEET EFFLUENT LIMITATIONS
COMPLIANCE DATE 08/01/80 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY LOVERIDGE #22 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 01/22/81

COUNTY AND STATE MARION WV NORTHERN WEST VIRGINIA REGION FAIRMONT OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.14(E)

STATED PROBLEM FAILURE TO PLACE REFUSE IN APPROPRIATE MANNER TYPE SMCRA

LOCATION CURRENT REFUSE DISPOSAL FACILITIES NEAR HARVEY'S RUN SLURRY POND

ISSUING AGENCY OSM

VIOLATION DATE 09/12/80 VIOLATION ORDER 80-I-38-50 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

PLACE REFUSE IN A CONTROLLED MANNER
COMPLIANCE DATE 10/15/80 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT $0 DATE 12/15/80
SETTLEMENT $0 DATE 12/15/80

NAME OF FACILITY O'DONNELL #20 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 01/07/81

COUNTY AND STATE MARION WV NORTHERN WEST VIRGINIA REGION FAIRMONT OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM FAILURE TO PASS ALL DRAINAGE THROUGH SEDIMENTATION POND TYPE SMCRA

LOCATION LONG DRAIN SLOPE ACCESS ROAD AND STORAGE AREA

ISSUING AGENCY OSM

VIOLATION DATE 10/30/80 VIOLATION ORDER 80-I-38-58 NUMBER 01 OF 02

****REQUIRED ACTION****

PROVIDE SEDIMENTATION CONTROL STRUCTURES
COMPLIANCE DATE 11/18/80 EXTENSIONS / / / /

****CONSOLS ACTION****

CONSTRUCTED CONTROL FACILITIES
DATE CORRECTED 11/05/80

STATUS OF ORDER: TERMINATED DATE 11/18/80 ENTRY DATE 01/07/81
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY O'DONNELL #20 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 01/07/81

COUNTY AND STATE MARION WV NORTHERN WEST VIRGINIA REGION FAIRMONT OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.15

STATED PROBLEM NOT MEETING REQ'MTS FOR FILL DESIGN AND INSPECTION TYPE SMCRA

LOCATION EXCESS SPOIL FILL NEAR SLOPE COLLAR

ISSUING AGENCY OSM

VIOLATION DATE 10/30/80 VIOLATION ORDER 80-I-38-58 NUMBER 02 OF 02

****REQUIRED ACTION****

PROVIDE CERTIFIED DESIGN AND INSPECTION REPORTS
COMPLIANCE DATE 11/26/80 EXTENSIONS / / / /

****CONSOLS ACTION****

PROVIDED REQUIRED DOCUMENTATION
DATE CORRECTED 11/15/80

STATUS OF ORDER: TERMINATED DATE 11/18/80 ENTRY DATE 01/07/81
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY SHOEMAKER TYPE OF FACILITY UNDERGROUND PROCESS DATE: 01/07/81

COUNTY AND STATE MARSHALL WV EASTERN REGION MOUNDSVILLE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM FAILURE TO MEET EFFLUENT STANDARDS TYPE SMCRA

LOCATION DISCHARGE AT BROWN'S RUN IMPOUNDMENT

ISSUING AGENCY OSM

VIOLATION DATE 11/14/80 VIOLATION ORDER 80-I-38-63 NUMBER 01 OF 01

****REQUIRED ACTION****

MAKE DISCHARGE MEET EFFLUENT STANDARDS
COMPLIANCE DATE 12/08/80 EXTENSIONS / / / /

****CONSOLS ACTION****

CLEANED DIVERSION DITCH
DATE CORRECTED 11/21/80

STATUS OF ORDER: TERMINATED DATE 12/05/80 ENTRY DATE 01/07/81
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY MCELROY PREP PLANT TYPE OF FACILITY PREP PLANT PROCESS DATE: 01/07/81

COUNTY AND STATE MARSHALL WV EASTERN REGION MOUNDSVILLE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS (30 USC) SECTION 1265(B)(10)

STATED PROBLEM NO CERTIFICATION FOR SEDIMENT POND DESIGN TYPE SMCRA

LOCATION S SIDE OF PLANT, E OF STATE ROUTE 2

ISSUING AGENCY OSM

VIOLATION DATE 11/14/80 VIOLATION ORDER 80-I-38-64 NUMBER 01 OF 01

****REQUIRED ACTION****

PROVIDE NECESSARY CERTIFICATION
COMPLIANCE DATE 12/08/80 EXTENSIONS / / / /

****CONSOLS ACTION****

PROVIDED P.E. CERTIFICATION
DATE CORRECTED 12/01/80

STATUS OF ORDER: TERMINATED DATE 12/05/80 ENTRY DATE 01/07/81
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY SHOEMAKER TYPE OF FACILITY UNDERGROUND PROCESS DATE: 01/07/81

COUNTY AND STATE MARSHALL WV EASTERN REGION MOUNDSVILLE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.20(G),17(J)

STATED PROBLEM FAILURE TO MAINTAIN ACCESS ROAD; FAILURE TO ESTABLISH VEGETATION TYPE SMCRA

LOCATION ACCESS ROAD BANKS NEAR DUPONT SHAFT

ISSUING AGENCY OSM

VIOLATION DATE 11/14/80 VIOLATION ORDER 80-I-38-65 NUMBER 01 OF 01

****REQUIRED ACTION****

SEED AND MULCH DISTURBED AREAS
COMPLIANCE DATE 12/08/80 EXTENSIONS / / / /

****CONSOLS ACTION****

SEEDED AND MULCHED AREAS
DATE CORRECTED 11/24/80

STATUS OF ORDER: TERMINATED DATE 12/05/80 ENTRY DATE 01/07/81
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY IRELAND TYPE OF FACILITY UNDERGROUND PROCESS DATE: 01/07/81

COUNTY AND STATE MARSHALL WV EASTERN REGION MOUNDSVILLE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A),(K)

STATED PROBLEM FAILURE TO MAINTAIN DRAINAGE CONTROL FACILITIES TYPE SMCRA

LOCATION SEDIMENT POND N OF RIVER LOADING DOCK

ISSUING AGENCY OSM

VIOLATION DATE 11/14/80 VIOLATION ORDER 80-I-38-66 NUMBER 01 OF 01

****REQUIRED ACTION****

RECONSTRUCT SEDIMENT CONTROL FACILITY
COMPLIANCE DATE 12/08/80 EXTENSIONS / / / /

****CONSOLS ACTION****

RECONSTRUCTED SEDIMENT TRAP
DATE CORRECTED 11/17/80

STATUS OF ORDER: TERMINATED DATE 12/05/80 ENTRY DATE 01/07/81
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY MCELROY PREP PLANT TYPE OF FACILITY PREP PLANT PROCESS DATE: 01/07/81

COUNTY AND STATE MARSHALL WV EASTERN REGION MOUNDSVILLE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM FAILURE TO PASS ALL DRAINAGE THROUGH SEDIMENTATION POND TYPE SMCRA

LOCATION REFUSE BIN NEAR STATE ROUTE 2

ISSUING AGENCY OSM

VIOLATION DATE 11/14/80 VIOLATION ORDER 80-I-38-67 NUMBER 01 OF 01

****REQUIRED ACTION****

INSTALL SEDIMENT CONTROL STRUCTURES
COMPLIANCE DATE 12/08/80 EXTENSIONS / / / /

****CONSOLS ACTION****

INSTALLED SILT FENCE AND SEDIMENT TRAPS
DATE CORRECTED 12/01/80

STATUS OF ORDER: TERMINATED DATE 12/05/80 ENTRY DATE 01/07/81
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY DENTS RUN #79 DEEP TYPE OF FACILITY UNDERGROUND PROCESS DATE: 01/07/81

COUNTY AND STATE MARION WV NORTHERN WEST VIRGINIA REGION FAIRMONT OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.15(A)(1)3,6

STATED PROBLEM FAILURE TO PLACE ROCKS IN SURFACE DISPOSAL AREAS TYPE SMCRA

LOCATION NE OF PERMIT VO-431 BONDED AREA AND DENTS RUN ROAD

ISSUING AGENCY OSM

VIOLATION DATE 12/05/80 VIOLATION ORDER 80-I-38-74 NUMBER 01 OF 03

****REQUIRED ACTION**** ****CONSOLS ACTION****

PERMIT DISTURBED AREAS AND PROVIDE DESIGN CERTIFICATION
COMPLIANCE DATE 03/03/81 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY DENTS RUN #79 DEEP TYPE OF FACILITY UNDERGROUND PROCESS DATE: 01/07/81

COUNTY AND STATE MARION WV NORTHERN WEST VIRGINIA REGION FAIRMONT OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17 (C)

STATED PROBLEM- FAILURE TO CONSTRUCT PERMANENT DIVERSION STRUCTURES TYPE SMCRA

LOCATION TWO 36" CULVERTS ON NE ROADWAY DITCHLINE TO CARRY RUNOFF

ISSUING AGENCY OSM

VIOLATION DATE 12/05/80 VIOLATION ORDER 80-I-38-74 NUMBER 02 OF 03

****REQUIRED ACTION****

****CONSOLS ACTION****

PROVIDE ENG DATA TO DEMONSTRATE DITCH WILL PASS RUNOFF
COMPLIANCE DATE 03/03/81 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY DENTS RUN #79 DEEP TYPE OF FACILITY UNDERGROUND PROCESS DATE: 01/07/81

COUNTY AND STATE MARION WV NORTHERN WEST VIRGINIA REGION FAIRMONT OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17 (H)(2)

STATED PROBLEM FAILURE TO MONITOR GROUNDWATER SUFFICIENTLY TYPE SMCRA

LOCATION AT WELL #2

ISSUING AGENCY OSM

VIOLATION DATE 12/05/80 VIOLATION ORDER 80-I-38-74 NUMBER 03 OF 03

****REQUIRED ACTION**** ****CONSOLS ACTION****

PROVIDE ADEQUATE WATER WELLS TO MONITOR GROUNDWATER : MONITORING WAS BEING CONDUCTED
COMPLIANCE DATE 03/03/81 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: VACATED DATE 12/18/80 ENTRY DATE 01/07/81
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY CHAMPION PREP PLANT TYPE OF FACILITY PREP PLANT PROCESS DATE: 08/29/80

COUNTY AND STATE WASHINGTON PA EASTERN REGION WASHINGTON OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(K)

STATED PROBLEM EXCESS SUSPENDED SOLIDS FROM CONVEYOR TYPE SMCRA

LOCATION AREA BENEATH REFUSE CONVEYOR WHERE IT CROSSES RTE. 980

ISSUING AGENCY OSM

VIOLATION DATE 07/08/80 VIOLATION ORDER 80-I-42-15 NUMBER 01 OF 02

****REQUIRED ACTION****

REMOVE FALLEN REFUSE; REVEGETATE; PREVENT SPILLAGE
COMPLIANCE DATE 08/20/80 EXTENSIONS / / / / DATE CORRECTED / /

****CONSOLS ACTION****

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT $0 DATE 10/02/80
SETTLEMENT DATE / /

NAME OF FACILITY CHAMPION PREP PLANT TYPE OF FACILITY PREP PLANT PROCESS DATE: 08/29/80

COUNTY AND STATE WASHINGTON PA EASTERN REGION WASHINGTON OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.18(B)(3)(V)

STATED PROBLEM SEEPAGE THROUGH THE DAM TYPE SMCRA

LOCATION SOUTHERN PORTION OF SLURRY IMPOUNDMENT 1211PA200193-04

ISSUING AGENCY OSM

VIOLATION DATE 07/08/80 VIOLATION ORDER 80-I-42-15 NUMBER 02 OF 02

****REQUIRED ACTION****

****CONSOLS ACTION****

CONTROL SEEPAGE; ESTABLISH VEGETATION
COMPLIANCE DATE 09/08/80 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT $1,400 DATE 10/02/80
SETTLEMENT DATE / /

NAME OF FACILITY CHAMPION PREP PLANT TYPE OF FACILITY PREP PLANT PROCESS DATE: 08/29/80

COUNTY AND STATE WASHINGTON PA EASTERN REGION WASHINGTON OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM FAILURE TO PASS ALL DRAINAGE THROUGH SEDIMENTATION PONDS TYPE SMCRA

LOCATION SOUTHERN PORTION OF RAILROAD YARD

ISSUING AGENCY OSM

VIOLATION DATE 07/08/80 VIOLATION ORDER 80-I-42-16 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

PASS ALL DRAINAGE THROUGH SEDIMENTATION PONDS
COMPLIANCE DATE 08/08/80 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT $1,400 DATE 10/02/80
SETTLEMENT DATE / /

NAME OF FACILITY MONTOUR #4 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 10/13/80

COUNTY AND STATE WASHINGTON PA EASTERN REGION WASHINGTON OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM FAILURE TO PASS ALL DRAINAGE THROUGH SEDIMENTATION PONDS TYPE SMCRA

LOCATION COAL LOADING FACILITY AND RAILROAD TRACKS

ISSUING AGENCY OSM

VIOLATION DATE 07/10/80 VIOLATION ORDER 80-I-42-17 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

INSTALL STRAW BALE FILTERS WHERE RUNOFF ENTERS STREAM
COMPLIANCE DATE 08/11/80 EXTENSIONS / / / / DATE CORRECTED / /

PASS ALL DRAINAGE THROUGH SEDIMENTATION PONDS INSTALLED SEDIMENTATION CONTROL STRUCTURES
COMPLIANCE DATE 10/10/80 EXTENSIONS / / / / DATE CORRECTED 09/10/80

STATUS OF ORDER: TERMINATED DATE 10/20/80 ENTRY DATE 10/30/80
ASSESSMENT $1,400 DATE 10/[illegible]/80
SETTLEMENT DATE / /

NAME OF FACILITY WESTLAND TYPE OF FACILITY UNDERGROUND PROCESS DATE: 10/13/80

COUNTY AND STATE WASHINGTON PA EASTERN REGION WASHINGTON OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM FAILURE TO PASS ALL DRAINAGE THROUGH SEDIMENTATION PONDS TYPE SMCRA

LOCATION COAL STOCKPILE AREA

ISSUING AGENCY OSM

VIOLATION DATE 07/18/80 VIOLATION ORDER 80-I-42-19 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

PASS ALL DRAINAGE THROUGH SEDIMENTATION PONDS
COMPLIANCE DATE 09/18/80 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT $1,100 DATE 10/02/80
SETTLEMENT DATE / /

NAME OF FACILITY MONTOUR #4 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 10/13/80

COUNTY AND STATE WASHINGTON PA EASTERN REGION WASHINGTON OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM FAILURE TO MEET EFFLUENT STANDARDS (FE = 22 MG/L) TYPE SMCRA

LOCATION MCMURRAY AMD PLANT (NPDES #PA0001147 - 003)

ISSUING AGENCY OSM

VIOLATION DATE 09/05/80 VIOLATION ORDER 80-I-42-25 NUMBER 01 OF 01

****REQUIRED ACTION****

****CONSOLS ACTION****

TREAT TO MEET STANDARDS, OR ELSE DISCONTINUE PUMPING
COMPLIANCE DATE 09/11/80 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY ROBINSON RUN #95 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE HARRISON WV NORTHERN WEST VIRGINIA REGION FAIRMONT OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM FAILURE TO PASS ALL DRAINAGE THROUGH SEDIMENTATION PONDS TYPE

LOCATION APPLICABLE AREAS

ISSUING AGENCY OSM

VIOLATION DATE 02/07/80 VIOLATION ORDER 80-I-65-2 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

PASS ALL DRAINAGE THROUGH SEDIMENTATION PONDS
COMPLIANCE DATE 03/28/80 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY ROBINSON RUN #95 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE HARRISON WV NORTHERN WEST VIRGINIA REGION FAIRMONT OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM FAILURE TO PASS ALL DRAINAGE THROUGH SEDIMENT POND TYPE

LOCATION MINE EQUIPMENT STACKING AREA

ISSUING AGENCY OSM

VIOLATION DATE 02/08/80 VIOLATION ORDER 80-I-65-3 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

CONSTRUCT SEDIMENT POND
COMPLIANCE DATE 02/22/80 EXTENSIONS 04/25/80 / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT $0 DATE 04/07/80
SETTLEMENT DATE / /

NAME OF FACILITY TURKEY GAP TYPE OF FACILITY UNDERGROUND PROCESS DATE: 10/30/80

COUNTY AND STATE MERCER WV SOUTHERN APPALACHIA REGION BECKLEY OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.12(A)

STATED PROBLEM INADEQUATE IDENTIFICATION:SIGNS TYPE SMCRA

LOCATION AREA ALONG RICH CREEK

ISSUING AGENCY OSM

VIOLATION DATE 05/01/80 VIOLATION ORDER 80-I-70-4 NUMBER 01 OF 04

****REQUIRED ACTION**** ****CONSOLS ACTION****

POST PROPER SIGNS INSTALLED SIGNS
COMPLIANCE DATE 05/15/80 EXTENSIONS / / / / DATE CORRECTED 05/15/80

STATUS OF ORDER: TERMINATED DATE 06/30/80 ENTRY DATE 10/30/80
ASSESSMENT $0 DATE 07/03/80
SETTLEMENT DATE / /

NAME OF FACILITY TURKEY GAP TYPE OF FACILITY UNDERGROUND PROCESS DATE: 10/30/80

COUNTY AND STATE MERCER WV SOUTHERN APPALACHIA REGION BECKLEY OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.15

STATED PROBLEM IMPROPER EXCESS SPOIL DISPOSAL TYPE SMCRA

LOCATION AREA ALONG RICH CREEK

ISSUING AGENCY OSM

VIOLATION DATE 05/01/80 VIOLATION ORDER 80-I-70-4 NUMBER 02 OF 04

****REQUIRED ACTION****	****CONSOLS ACTION****
REMOVE OR COVER EXCESS SPOIL; REVEGETATE	APPLIED TO WV DNR FOR APPROVAL TO REWORK AND RECLAIM SPOIL
COMPLIANCE DATE 05/30/80 EXTENSIONS / / / /	DATE CORRECTED 01/22/79
	APPROVAL RECEIVED
COMPLIANCE DATE / / EXTENSIONS / / / /	DATE CORRECTED 06/17/80
	GRADED AND COVERED SPOIL, SEEDED
COMPLIANCE DATE / / EXTENSIONS / / / /	DATE CORRECTED 07/15/80

STATUS OF ORDER: TERMINATED DATE 06/30/80 ENTRY DATE 10/30/80
ASSESSMENT $1,600 DATE 10/06/80
SETTLEMENT DATE / /

LEGAL PROCEEDINGS PETITION FOR REVIEW DATE INITIATED 10/24/80
LOCATION OF PROCEEDINGS HEARING AUTHORITY
PROCEEDING STATUS DECISION DATE / /

NAME OF FACILITY TURKEY GAP TYPE OF FACILITY UNDERGROUND PROCESS DATE: 10/30/80

COUNTY AND STATE MERCER WV SOUTHERN APPALACHIA REGION BECKLEY OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.20

STATED PROBLEM FAILURE TO REVEGETATE TYPE SMCRA

LOCATION AREAS NO LONGER USED IN SUPPORT OF MINING

ISSUING AGENCY OSM

VIOLATION DATE 05/01/80 VIOLATION ORDER 80-I-70-4 NUMBER 03 OF 04

****REQUIRED ACTION**** ****CONSOLS ACTION****

SEED, FERTILIZE AND MULCH DISTURBED AREAS REVEGETATED DISTURBED AREAS
COMPLIANCE DATE 05/15/80 EXTENSIONS / / / / DATE CORRECTED 05/15/80

STATUS OF ORDER: TERMINATED DATE 06/30/80 ENTRY DATE 10/30/80
ASSESSMENT $1,600 DATE 10/06/80
SETTLEMENT DATE / /

NAME OF FACILITY TURKEY GAP TYPE OF FACILITY UNDERGROUND PROCESS DATE: 10/30/80

COUNTY AND STATE MERCER WV SOUTHERN APPALACHIA REGION BECKLEY OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM FAILURE TO PASS ALL DRAINAGE THROUGH SEDIMENTATION PONDS TYPE SMCRA

LOCATION AREA ALONG RICH CREEK

ISSUING AGENCY OSM

VIOLATION DATE 05/01/80 VIOLATION ORDER 80-I-70-4 NUMBER 04 OF 04

****REQUIRED ACTION****

PASS ALL DRAINAGE THROUGH SEDIMENTATION PONDS
COMPLIANCE DATE 06/30/80 EXTENSIONS / / / /

****CONSOLS ACTION****

CONSTRUCTED NECESSARY DIVERSIONS AND PONDS
DATE CORRECTED 05/20/80

STATUS OF ORDER: TERMINATED DATE 06/30/80 ENTRY DATE 10/30/80
ASSESSMENT $1,600 DATE 10/06/80
SETTLEMENT DATE / /

NAME OF FACILITY TURKEY GAP TYPE OF FACILITY UNDERGROUND PROCESS DATE: 01/07/81

COUNTY AND STATE MERCER WV SOUTHERN APPALACHIA REGION BECKLEY OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.12(A)(B)

STATED PROBLEM NO IDENTIFICATION SIGN AT POINTS OF ACCESS BY THE PUBLIC TYPE SMCRA

LOCATION PORTION LOCATED AT RICH CREEK

ISSUING AGENCY OSM

VIOLATION DATE 05/01/80 VIOLATION ORDER 80-I-70-5 NUMBER 01 OF 02

****REQUIRED ACTION**** ****CONSOLS ACTION****

POST PROPER IDENTIFICATION SIGNS AT ACCESS POINTS ID SIGNS HAVE BEEN POSTED AS REQUIRED
COMPLIANCE DATE 05/15/80 EXTENSIONS / / / / DATE CORRECTED 05/09/80

STATUS OF ORDER: TERMINATED DATE 05/09/80 ENTRY DATE 01/07/81
ASSESSMENT $1,200 DATE 07/03/80
SETTLEMENT $0 DATE 09/22/80

NAME OF FACILITY TURKEY GAP TYPE OF FACILITY UNDERGROUND PROCESS DATE: 10/30/80

COUNTY AND STATE MERCER WV SOUTHERN APPALACHIA REGION BECKLEY OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM FAILURE TO PASS ALL DRAINAGE THROUGH SEDIMENTATION PONDS TYPE SMCRA

LOCATION AREA ALONG RICH CREEK

ISSUING AGENCY OSM

VIOLATION DATE 05/01/80 VIOLATION ORDER 80-I-70-4 NUMBER 04 OF 04

****REQUIRED ACTION****

PASS ALL DRAINAGE THROUGH SEDIMENTATION PONDS
COMPLIANCE DATE 06/30/80 EXTENSIONS / / / /

****CONSOLS ACTION****

CONSTRUCTED NECESSARY DIVERSIONS AND PONDS
DATE CORRECTED 05/20/80

STATUS OF ORDER: TERMINATED DATE 06/30/80 ENTRY DATE 10/30/80
ASSESSMENT $1,600 DATE 10/06/80
SETTLEMENT DATE / /

NAME OF FACILITY TURKEY GAP TYPE OF FACILITY UNDERGROUND PROCESS DATE: 01/07/81

COUNTY AND STATE MERCER WV SOUTHERN APPALACHIA REGION BECKLEY OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.12(A)(B)

STATED PROBLEM NO IDENTIFICATION SIGN AT POINTS OF ACCESS BY THE PUBLIC TYPE SMCRA

LOCATION PORTION LOCATED AT RICH CREEK

ISSUING AGENCY OSM

VIOLATION DATE 05/01/80 VIOLATION ORDER 80-I-70-5 NUMBER 01 OF 02

****REQUIRED ACTION**** ****CONSOLS ACTION****

POST PROPER IDENTIFICATION SIGNS AT ACCESS POINTS ID SIGNS HAVE BEEN POSTED AS REQUIRED
COMPLIANCE DATE 05/15/80 EXTENSIONS / / / / DATE CORRECTED 05/09/80

STATUS OF ORDER: TERMINATED DATE 05/09/80 ENTRY DATE 01/07/81
ASSESSMENT $1,200 DATE 07/03/80
SETTLEMENT $0 DATE 09/22/80

NAME OF FACILITY WILLIAMS #98 TYPE OF FACILITY PREP PLANT PROCESS DATE: 08/29/80

COUNTY AND STATE HARRISON WV NORTHERN WEST VIRGINIA REGION FAIRMONT OPERATIONS

VIOLATION OF: WV AIR POLLUTION CONTROL REGS SECTION 16-20-3

STATED PROBLEM EXCESSIVE PARTICULATE EMISSIONS FROM DRYER STACKS TYPE

LOCATION DRYER

ISSUING AGENCY WV AIR POLLUTION CONTROL

VIOLATION DATE 09/08/78 VIOLATION ORDER 9-8-78-APC NUMBER 01 OF 01

****REQUIRED ACTION****

CONTROL EMISSIONS FROM DRYER STACKS
COMPLIANCE DATE / / EXTENSIONS / / / /

****CONSOLS ACTION****

BEGAN INSTALLATION OF STACK SCRUBBER
DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE 08/31/79
ASSESSMENT DATE / /
SETTLEMENT DATE / /

LEGAL PROCEEDINGS AIR POLLUTION COMMISSION HEARING DATE INITIATED / /
LOCATION OF PROCEEDINGS CLARKSBURG WV HEARING AUTHORITY AIR POLLUTION CONTROL COMM.
PROCEEDING STATUS IN PROCESS FOR CONSENT AGREEMENT DECISION DATE 10/31/78

NAME OF FACILITY ROBINSON RUN #95 PREP PLANT TYPE OF FACILITY PREP PLANT PROCESS DATE: 08/29/80

COUNTY AND STATE HARRISON WV NORTHERN WEST VIRGINIA REGION FAIRMONT OPERATIONS

VIOLATION OF: WV CODE-CHAPTER 20 SECTION 9

STATED PROBLEM BLACK WATER SPILL TYPE

LOCATION PREP PLANT AREA

ISSUING AGENCY WV DNR

VIOLATION DATE 09/22/78 VIOLATION ORDER 9-22-78-DNR NUMBER 01 OF 01

****REQUIRED ACTION****

REPAIR FACILITIES
COMPLIANCE DATE / / EXTENSIONS / / / /

****CONSOLS ACTION****

REPAIR FACILITIES
DATE CORRECTED / /

STATUS OF ORDER: TERMINATED DATE / / ENTRY DATE 08/29/80
ASSESSMENT $2,500 DATE / /
SETTLEMENT $2,500 DATE / /

NAME OF FACILITY OSAGE #3 TYPE OF FACILITY UNDERGROUND PROCESS DATE: 08/29/80

COUNTY AND STATE MONONGALIA WV NORTHERN WEST VIRGINIA REGION MORGANTOWN OPERATIONS

VIOLATION OF: WV CODE-CHAPTER 20 SECTION 9

STATED PROBLEM OVERTREATED WATER-DEAD FISH FOUND TYPE

LOCATION PEDLAR RUN DISCHARGE

ISSUING AGENCY WV DNR

VIOLATION DATE 09/20/78 VIOLATION ORDER 9-20-78-DNR NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

INSURE DISCHARGES MEET APPLICABLE STANDARDS STOPPED DISCHARGE UNTIL QUALITY WAS STABLE;PAID FINES
COMPLIANCE DATE / / EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: TERMINATED DATE 12/10/79 ENTRY DATE 08/29/80
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY GEORGETOWN PREP PLANT TYPE OF FACILITY PREP PLANT PROCESS DATE: 02/06/81

COUNTY AND STATE HARRISON OH MIDWESTERN REGION UNDERGROUND OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM FAILURE TO MEET EFFLUENT LIMITATIONS FOR TOTAL IRON TYPE SMCRA

LOCATION POND ON N SIDE OF ACCESS ROAD FROM S.R. 250

ISSUING AGENCY OSM

VIOLATION DATE 01/20/81 VIOLATION ORDER 81-III-19-1 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

MEASURES NECESSARY TO MEET EFFLUENT LIMITATIONS
COMPLIANCE DATE 02/12/81 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY BURNING STAR #2 TYPE OF FACILITY SURFACE PROCESS DATE: 02/06/81

COUNTY AND STATE PERRY IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 710.11(A)(2)

STATED PROBLEM SLURRY DISPOSAL IN UNAUTHORIZED AREA TYPE SMCRA

LOCATION SOUTH OF SLURRY PERMIT #22 (STATE PERMIT 880-83)

ISSUING AGENCY OSM

VIOLATION DATE 01/13/81 VIOLATION ORDER 81-III-10-1 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

OBTAIN RA APPROVAL FOR AREA OR RECLAIM AREA REQUESTED APPROVAL FROM IL DEPT MINES & MINERALS
COMPLIANCE DATE / / EXTENSIONS / / / / DATE CORRECTED 12/01/80

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY BURNING STAR #4 TYPE OF FACILITY SURFACE PROCESS DATE: 02/06/81

COUNTY AND STATE PERRY IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.19(E)(4)

STATED PROBLEM INCOMPLETE BLASTING RECORDS : TYPE SMCRA

LOCATION RECORDS

ISSUING AGENCY OSM

VIOLATION DATE 01/06/81 VIOLATION ORDER 81-III-1-1 NUMBER 02 OF 02

****REQUIRED ACTION**** ****CONSOLS ACTION****

CORRECT THE RECORDS
COMPLIANCE DATE 01/08/81 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: TERMINATED DATE 01/06/81 ENTRY DATE 02/06/81
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY BURNING STAR #4 TYPE OF FACILITY SURFACE PROCESS DATE: 02/06/81

COUNTY AND STATE PERRY IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.19(E)(2)

STATED PROBLEM FLYROCK FELL ON ROAD AND PRIVATE PROPERTY OUTSIDE PERMIT AREA TYPE SMCRA

LOCATION BLASTING AREA W/IN STATE PERMIT 672-75

ISSUING AGENCY OSM

VIOLATION DATE 01/06/81 VIOLATION ORDER 81-III-1-1 NUMBER 01 OF 02

****REQUIRED ACTION**** ****CONSOLS ACTION****

CEASE BLASTING (EXCEPT COAL SHOTS) COMPLETED THE NECESSARY BLASTING RECORDS
COMPLIANCE DATE 01/08/81 EXTENSIONS / / / / DATE CORRECTED 01/06/81

PICK UP FLYROCK
COMPLIANCE DATE 01/08/81 EXTENSIONS / / / / DATE CORRECTED / /

PREPARE MODIFICATIONS TO PROCEDURES AND IMPLEMENT THEM
COMPLIANCE DATE 01/13/81 EXTENSIONS 02/13/81 / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY BURNHAM MINE TYPE OF FACILITY SURFACE PROCESS DATE: 01/22/81

COUNTY AND STATE SAN JUAN NM WESTERN REGION WESTERN OPERATIONS

VIOLATION OF: MINE PLAN STIPULATION #9A SECTION NOT APPLICABLE

STATED PROBLEM FAILURE TO SAMPLE TOPSOIL AND MAINTAIN RECORDS TYPE SMCRA

LOCATION BORROW PIT IN SW1/4 SE1/4 NE1/4 SEC. 25

ISSUING AGENCY OSM

VIOLATION DATE 12/31/80 VIOLATION ORDER 80-V-18-14 NUMBER 02 OF 02

****REQUIRED ACTION**** ****CONSOLS ACTION****

SAMPLE ALL SUITABLE TOPSOIL PRIOR TO FURTHER DISTURBANCE
COMPLIANCE DATE / / EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY BURNHAM MINE TYPE OF FACILITY SURFACE PROCESS DATE: 01/22/81

COUNTY AND STATE SAN JUAN NM WESTERN REGION WESTERN OPERATIONS

VIOLATION OF: INDIAN COAL MINING REGULATIONS SECTION 177.107

STATED PROBLEM FAILURE TO SALVAGE TOPSOIL BEFORE SURFACE DISTURBANCE TYPE SMCRA

LOCATION BORROW PIT IN SW1/4 SE1/4 NE1/4 SEC. 25

ISSUING AGENCY OSM

VIOLATION DATE 12/31/80 VIOLATION ORDER 80-V-18-14 NUMBER 01 OF 02

****REQUIRED ACTION****

****CONSOLS ACTION****

REMOVE,SEGREGATE,STOCKPILE TOPSOIL PRIOR TO DISTURBANCE
COMPLIANCE DATE 02/28/81 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY BURNHAM MINE TYPE OF FACILITY SURFACE PROCESS DATE: 01/07/81

COUNTY AND STATE SAN JUAN NM WESTERN REGION WESTERN OPERATIONS

VIOLATION OF: INDIAN COAL MINING REGULATIONS SECTION 177.107

STATED PROBLEM FAILURE TO REMOVE TOSOIL PRIOR TO SURFACE DISTURBANCE TYPE SMCRA

LOCATION IN ADVANCE OF NE PORTION OF HIGHWALL (W1/2,SW1/4,NE1/4 SEC. 25)

ISSUING AGENCY OSM

VIOLATION DATE 12/03/80 VIOLATION ORDER 80-V-18-13 NUMBER 01 OF 01

****REQUIRED ACTION****

SALVAGE TOPSOIL 60' IN ADVANCE OF PIT
COMPLIANCE DATE 02/28/81 EXTENSIONS / / / / DATE CORRECTED / /

****CONSOLS ACTION****

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY BURNING STAR #2 TYPE OF FACILITY SURFACE PROCESS DATE: 02/06/81

COUNTY AND STATE PERRY IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.19(E)(4)

STATED PROBLEM FAILURE TO KEEP BLAST RECORDS (METHOD OF FIRING) TYPE SMCRA

LOCATION DEEP STRIP #1 (STATE PERMIT 648-80)

ISSUING AGENCY OSM

VIOLATION DATE 12/02/80 VIOLATION ORDER 80-III-5-33 NUMBER 01 OF 01

****REQUIRED ACTION****

RECORD METHOD OF FIRING
COMPLIANCE DATE / / EXTENSIONS / / / /

****CONSOLS ACTION****

RECORDED THE NECESSARY INFORMATION BEFORE INSPECTOR DEPARTED
DATE CORRECTED 12/02/80

STATUS OF ORDER: TERMINATED DATE 12/02/80 ENTRY DATE 02/06/81
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY BURNING STAR #2 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE PERRY IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.17(A)

STATED PROBLEM FAILURE TO PASS ALL DRAINAGE THROUGH SEDIMENT POND TYPE

LOCATION MINE OFFICE AND STORAGE AREA

ISSUING AGENCY OSM

VIOLATION DATE 02/21/80 VIOLATION ORDER 80-III-5-3 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

PASS ALL DRAINAGE THROUGH SEDIMENTATION POND
COMPLIANCE DATE 03/14/80 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: TERMINATED DATE 03/24/80 ENTRY DATE 08/29/80
ASSESSMENT $1,200 DATE 05/06/80
SETTLEMENT $1,200 DATE 08/13/80

NAME OF FACILITY BURNING STAR #2 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE PERRY IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.19(E)(3)

STATED PROBLEM FAILURE TO KEEP SEISMOGRAPHIC RECORD OF THREE BLASTS TYPE

LOCATION DEEP STRIP #3 BLASTS ON 8-13-79

ISSUING AGENCY OSM

VIOLATION DATE 02/15/80 VIOLATION ORDER 80-III-5-2 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

NONE REQUIRED BY OSM
COMPLIANCE DATE / / EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: TERMINATED DATE 02/15/80 ENTRY DATE 08/29/80
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY BURNING STAR #3 TYPE OF FACILITY SURFACE PROCESS DATE: 09/29/80

COUNTY AND STATE RANDOLPH IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.17(A)

STATED PROBLEM FAILURE TO PASS ALL DRAINAGE THROUGH SEDIMENTATION PONDS TYPE SMCRA

LOCATION NORTH EDGE OF PERMIT

ISSUING AGENCY OSM

VIOLATION DATE 07/17/80 VIOLATION ORDER 80-III-5-17 NUMBER 01 OF 01

****REQUIRED ACTION****

PASS ALL DRAINAGE THROUGH SEDIMENT POND
COMPLIANCE DATE 07/19/80 EXTENSIONS / / / /

****CONSOLS ACTION****

HAD DRAINAGE PASSING THROUGH POND W/IN 1 HOUR
DATE CORRECTED 07/17/80

STATUS OF ORDER: TERMINATED DATE 07/17/80 ENTRY DATE 09/29/80
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY BURNING STAR #3 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE RANDOLPH IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 710.11(A)(2)

STATED PROBLEM FAILURE TO GRADE W/IN TIME SPECIFIED BY STATE REGULATIONS TYPE

LOCATION STATE PERMIT AREA #574-79 NORTH FIELD

ISSUING AGENCY OSM

VIOLATION DATE 05/19/80 VIOLATION ORDER 80-III-5-16 NUMBER 01 OF 01

****REQUIRED ACTION****

OBTAIN EXTENSION FROM STATE, OR
COMPLIANCE DATE 07/10/80 EXTENSIONS / / / /

COMPLETE ALL NECESSARY GRADING
COMPLIANCE DATE 08/20/80 EXTENSIONS / / / /

****CONSOLS ACTION****

REQUESTED GRADING TIME EXTENSION
DATE CORRECTED 06/20/80

EXTENSION GRANTED BY IL DEPT. OF MINES & MINERALS
DATE CORRECTED 07/20/80

STATUS OF ORDER: TERMINATED DATE 08/26/80 ENTRY DATE 09/29/80
ASSESSMENT DATE / /
SETTLEMENT DATE / /

LEGAL PROCEEDINGS APPLICATION FOR REVIEW DATE INITIATED 07/16/80
LOCATION OF PROCEEDINGS LOUISVILLE KY HEARING AUTHORITY FREDERICK MILLER ALJ
PROCEEDING STATUS DECISION DATE / /

NAME OF FACILITY BURNING STAR #5 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE JACKSON IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.19(E)(IV)

STATED PROBLEM DIDN'T CHECK AFTER BLASTING BEFORE ALLOWING TRAVEL THROUGH AREA TYPE

LOCATION SOUTHEAST FIELD

ISSUING AGENCY OSM

VIOLATION DATE 05/13/80 VIOLATION ORDER 80-III-5-10 NUMBER 02 OF 02

****REQUIRED ACTION**** ****CONSOLS ACTION****

CHECK AREA AFTER BLASTING PRIOR TO ALLOWING ACCESS CHECK AREA AFTER BLASTING
COMPLIANCE DATE 05/14/80 EXTENSIONS / / / / DATE CORRECTED 05/13/80

STATUS OF ORDER: TERMINATED DATE 05/13/80 ENTRY DATE 08/29/80
ASSESSMENT $0 DATE 11/10/80
SETTLEMENT DATE / /

NAME OF FACILITY BURNING STAR #5 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE JACKSON IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.12(E)

STATED PROBLEM FAILURE TO POST BLASTING SIGNS TYPE

LOCATION SOUTHEAST FIELD

ISSUING AGENCY OSM

VIOLATION DATE 05/13/80 VIOLATION ORDER 80-III-5-10 NUMBER 01 OF 02

****REQUIRED ACTION**** ****CONSOLS ACTION****

POST BLASTING AREA SIGNS POSTED SIGNS
COMPLIANCE DATE 05/18/80 EXTENSIONS / / / / DATE CORRECTED 05/13/80

STATUS OF ORDER: TERMINATED DATE 05/13/80 ENTRY DATE 08/29/80
ASSESSMENT $0 DATE 11/10/80
SETTLEMENT DATE / /

NAME OF FACILITY BURNING STAR #2 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE PERRY IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.19(E)

STATED PROBLEM FAILURE TO USE ALL-CLEAR SIGNAL TYPE

LOCATION NORTH PORTION DEEP STRIP #3 ; 3 PM ON 1-23-80

ISSUING AGENCY OSM

VIOLATION DATE 01/23/80 VIOLATION ORDER 80-III-5-1 NUMBER 05 OF 05

****REQUIRED ACTION****

BEGIN USING ALL-CLEAR SIGNAL ON FUTURE BLASTS
COMPLIANCE DATE / / EXTENSIONS / / / /

****CONSOLS ACTION****

WILL USE ALL-CLEAR SIGNALS ON FUTURE BLASTS
DATE CORRECTED / /

STATUS OF ORDER: TERMINATED DATE 02/06/80 ENTRY DATE 08/29/80
ASSESSMENT $1,100 DATE 05/06/80
SETTLEMENT $1,100 DATE 08/13/80

NAME OF FACILITY BURNING STAR #2 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE PERRY IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.12(B)

STATED PROBLEM FAILURE TO POST MINE AND PERMIT ID SIGNS TYPE

LOCATION CROSSING OF PUBLIC ROAD AND HAULROAD, SEC.21, T5S, R2W

ISSUING AGENCY OSM

VIOLATION DATE 01/23/80 VIOLATION ORDER 80-III-5-1 NUMBER 04 OF 05

****REQUIRED ACTION**** ****CONSOLS ACTION****

POST MINE AND PERMIT ID SIGNS POSTED SIGN AS REQUIRED
COMPLIANCE DATE 01/31/80 EXTENSIONS / / / / DATE CORRECTED 01/24/80

STATUS OF ORDER: TERMINATED DATE 02/06/80 ENTRY DATE 08/29/80
ASSESSMENT $0 DATE 05/09/80
SETTLEMENT DATE / /

NAME OF FACILITY BURNING STAR #2 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE PERRY IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.12(A)

STATED PROBLEM FAILURE TO MAINTAIN PERIMETER MARKERS TYPE

LOCATION SOUTH EDGE PERMIT AREA 648-80, NW1/4, SEC.16, T5S, RZW

ISSUING AGENCY OSM

VIOLATION DATE 01/23/80 VIOLATION ORDER 80-III-5-1 NUMBER 03 OF 05

****REQUIRED ACTION**** ****CONSOLS ACTION****

POST PERIMETER MARKERS
COMPLIANCE DATE 01/31/80 EXTENSIONS / / / /

POSTED MARKERS AS REQUIRED
DATE CORRECTED 01/23/80

STATUS OF ORDER: TERMINATED DATE 02/06/80 ENTRY DATE 08/29/80
ASSESSMENT $1,100 DATE 05/06/80
SETTLEMENT $1,100 DATE 08/13/80

NAME OF FACILITY BURNING STAR #2 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE PERRY IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.12(E)

STATED PROBLEM FAILURE TO POST BLAST WARNING SIGNS TYPE

LOCATION CROSSING OF PUBLIC ROAD AND HAULROAD, SEC.21, T5S, R2W

ISSUING AGENCY OSM

VIOLATION DATE 01/23/80 VIOLATION ORDER 80-III-5-1 NUMBER 02 OF 05

****REQUIRED ACTION**** ****CONSOLS ACTION****

POST BLASTING SIGNS POSTED SIGN AS REQUIRED
COMPLIANCE DATE 01/31/80 EXTENSIONS / / / / DATE CORRECTED 01/21/80

STATUS OF ORDER: TERMINATED DATE 02/06/80 ENTRY DATE 08/29/80
ASSESSMENT $1,200 DATE 05/06/80
SETTLEMENT $1,200 DATE 05/13/80

NAME OF FACILITY BURNING STAR #2 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE PERRY IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.12(E)

STATED PROBLEM FAILURE TO POST BLASTING SIGNS TYPE

LOCATION EDGE OF BLASTING AREA NEXT TO ACCESS AND HAUL ROADS

ISSUING AGENCY OSM

VIOLATION DATE 01/23/80 VIOLATION ORDER 80-III-5-1 NUMBER 01 OF 05

****REQUIRED ACTION**** ****CONSOLS ACTION****

POST BLASTING SIGNS
COMPLIANCE DATE 01/31/80 EXTENSIONS / / / /

POSTED SIGNS AS REQUIRED
DATE CORRECTED 01/31/80

STATUS OF ORDER: TERMINATED DATE 02/06/80 ENTRY DATE 08/29/80
ASSESSMENT $1,100 DATE 05/06/80
SETTLEMENT $1,100 DATE 08/13/80

NAME OF FACILITY GEORGETOWN 12 TYPE OF FACILITY SURFACE PROCESS DATE: 01/22/81

COUNTY AND STATE HARRISON OH MIDWESTERN REGION OHIO SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.17(A)(2)

STATED PROBLEM FAILURE TO MAINTAIN WATER TREATMENT FACILITIES TYPE SMCRA

LOCATION SEDIMENT POND IN SE1/4 SEC. 30 PERMIT C-550

ISSUING AGENCY OSM

VIOLATION DATE 09/17/80 VIOLATION ORDER 80-III-19-58 NUMBER 01 OF 01

****REQUIRED ACTION****

CLEAN OR MODIFY POND, REPAIR EMERGENCY SPILLWAY
COMPLIANCE DATE 10/17/80 EXTENSIONS / / / /

****CONSOLS ACTION****

REPAIRED POND AS REQUIRED
DATE CORRECTED 10/15/80

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT $0 DATE 12/12/80
SETTLEMENT $0 DATE 12/12/80

NAME OF FACILITY GEORGETOWN 12 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE HARRISON OH MIDWESTERN REGION OHIO SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.17(F)

STATED PROBLEM UNCONTROLLED DIVERSION DISCHARGES CAUSING EROSION TYPE SMCRA

LOCATION CROSS DRAIN AT N END OF PERMIT AREA C-170; W/WAY EMPTYING N OF GASLINES

ISSUING AGENCY OSM

VIOLATION DATE 07/24/80 VIOLATION ORDER 80-III-19-43 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

CONTROL DISCHARGES TO REDUCE EROSION
COMPLIANCE DATE 09/24/80 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: TERMINATED DATE 09/19/80 ENTRY DATE 01/07/81
ASSESSMENT $1,700 DATE / /
SETTLEMENT $0 DATE 12/01/80

NAME OF FACILITY GEORGETOWN 24 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE HARRISION OH MIDWESTERN REGION OHIO SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.17(H)

STATED PROBLEM FAILURE TO MONITOR GROUND WATER IN AN APPROVED MANNER TYPE

LOCATION ENTIRE AREA (SILVER SPADE PIT)

ISSUING AGENCY OSM

VIOLATION DATE 05/23/80 VIOLATION ORDER 80-III-19-29 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

RECLAIM SITE OR GET APPROVED MONITORING PLAN
COMPLIANCE DATE 07/22/80 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: TERMINATED DATE 06/10/80 ENTRY DATE 08/29/80
ASSESSMENT $0 DATE 07/10/80
SETTLEMENT DATE / /

NAME OF FACILITY EGYPT VALLEY TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE BELMONT OH MIDWESTERN REGION OHIO SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.17(M)

STATED PROBLEM FAILED TO MAINTAIN SURFACE WATER DRAINAGE CONTROL SYSTEM TYPE

LOCATION RAIL LOOP AND OLD LOADOUT FACILITY

ISSUING AGENCY OSM

VIOLATION DATE 04/15/80 VIOLATION ORDER 80-III-19-20 NUMBER 01 OF 01

****REQUIRED ACTION****	****CONSOLS ACTION****
REROUTE DRAINAGE, CLEAN AND INSTALL SILT TRAPS COMPLIANCE DATE 07/13/80 EXTENSIONS / / / /	ELIMINATED FLOW ACROSS STORAGE AREA, BUILT DIVERSION, SUMP DATE CORRECTED 04/30/80
COMPLIANCE DATE / / EXTENSIONS / / / /	CLEANED DITCHES DATE CORRECTED 05/02/80
COMPLIANCE DATE / / EXTENSIONS / / / /	INSTALLED CHECK DAMS, SEDIMENT CONTROL DITCH DATE CORRECTED 05/25/80

STATUS OF ORDER: TERMINATED DATE 05/30/80 ENTRY DATE 08/29/80
ASSESSMENT $1,100 DATE 08/14/80
SETTLEMENT $1,100 DATE 08/25/80

NAME OF FACILITY MAHONING VALLEY TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE BELMONT OH MIDWESTERN REGION OHIO SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.16(A)

STATED PROBLEM FAILURE TO REMOVE TOPSOIL BEFORE PLACING SPOIL TYPE

LOCATION N END PERMIT C-939 WHERE TOE OF SPOIL SPILLED OUT TOO FAR

ISSUING AGENCY OSM

VIOLATION DATE 04/09/80 VIOLATION ORDER 80-III-19-18 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

OSM SAYS "NO ABATEMENT IS POSSIBLE"
COMPLIANCE DATE / / EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: TERMINATED DATE 04/09/80 ENTRY DATE 08/29/80
ASSESSMENT $0 DATE 07/03/80
SETTLEMENT DATE /

NAME OF FACILITY BURNING STAR #5 TYPE OF FACILITY SURFACE PROCESS DATE: 01/07/81

COUNTY AND STATE JACKSON IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.17(L)(2)

STATED PROBLEM MINE SVC AND ACCESS ROAD IS NOT ADEQUATELY DRAINED TYPE SMCRA

LOCATION RD GIVING ACCESS TO HOWARD CEMETERY THRU NW CORNER OF SE FIELD

ISSUING AGENCY OSM

VIOLATION DATE 11/17/80 VIOLATION ORDER 80-III-10-33 NUMBER 03 OF 03

****REQUIRED ACTION****

INSTALL DITCHES AND CROSSDRAINS TO DRAIN THE ROAD
COMPLIANCE DATE 11/24/80 EXTENSIONS / / / /

****CONSOLS ACTION****

INSTALLED DITCHES AND DRAINS AS REQUIRED
DATE CORRECTED 11/20/80

STATUS OF ORDER: TERMINATED DATE 11/24/80 ENTRY DATE 01/07/81
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY BURNING STAR #5 TYPE OF FACILITY SURFACE PROCESS DATE: 01/07/81

COUNTY AND STATE JACKSON IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.17(A)

STATED PROBLEM FAILURE TO PASS DRAINAGE FROM DIST. AREA TO SEDIMENT POND TYPE SMCRA

LOCATION NORTHERN BOUNDARY OF SE FIELD AND SE CORNER OF SE FIELD

ISSUING AGENCY OSM

VIOLATION DATE 11/17/80 VIOLATION ORDER 80-III-10-33 NUMBER 02 OF 03

****REQUIRED ACTION****

PASS DRAINAGE FROM DISTURBED AREA THROUGH SEDIMENT POND
COMPLIANCE DATE 12/01/80 EXTENSIONS / / / /

****CONSOLS ACTION****

PASSED DRAINAGE THROUGH POND
DATE CORRECTED 11/29/80

STATUS OF ORDER: TERMINATED DATE 12/01/80 ENTRY DATE 01/22/81
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY BURNING STAR #5 TYPE OF FACILITY SURFACE PROCESS DATE: 01/07/81

COUNTY AND STATE JACKSON IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.14(I)

STATED PROBLEM FILL, GRADE,OR STABILIZE RILLS AND GULLIES OVER 9 INCHES DEEP TYPE SMCRA

LOCATION ALL PORTIONS OF ILLINOIS STATE PERMIT 570-79

ISSUING AGENCY OSM

VIOLATION DATE 11/17/80 VIOLATION ORDER 80-III-10-33 NUMBER 01 OF 03

****REQUIRED ACTION****

ELIMINATE RILLS AND GULLIES OVER 9 INCHES DEEP
COMPLIANCE DATE 12/31/80 EXTENSIONS / / / /

****CONSOLS ACTION****

IL DEPT MINES & MINERALS SAID DELAY WORK-SOIL CONDITIONS BAD
DATE CORRECTED 12/11/80

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT DATE / /
SETTLEMENT DATE / /

LEGAL PROCEEDINGS APPLICATION FOR REVIEW DATE INITIATED 12/23/80
LOCATION OF PROCEEDINGS HEARING AUTHORITY
PROCEEDING STATUS DECISION DATE / /

NAME OF FACILITY BURNING STAR #2 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE PERRY IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.19(E)(1)

STATED PROBLEM BLASTING OUTSIDE SCHEDULED TIMES TYPE

LOCATION STATE PERMIT AREA #807-81

ISSUING AGENCY OSM

VIOLATION DATE 06/27/80 VIOLATION ORDER 80-III-10-16 NUMBER 01 OF 01

****REQUIRED ACTION****

BLAST W/IN SCHEDULED TIMES (OSM WILL MONITOR 'TIL 7/11/80
COMPLIANCE DATE 06/27/80 EXTENSIONS / / / /

****CONSOLS ACTION****

CONDUCTED BLASTING ACCORDING TO PUBLISHED SCHEDULE
DATE CORRECTED 06/20/80

STATUS OF ORDER: TERMINATED DATE 07/10/80 ENTRY DATE 08/20/80
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY BURNING STAR #2 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE PERRY IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.19(E)(1)

STATED PROBLEM BLASTING OUTSIDE SCHEDULED TIMES TYPE

LOCATION STATE PERMIT AREA #648-80 DEEP STRIP PITS #1 & #3

ISSUING AGENCY OSM

VIOLATION DATE 06/27/80 VIOLATION ORDER 80-III-10-15 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

BLAST W/IN SCHEDULED TIMES (OSM WILL MONITOR 'TIL 7/11/80 CONDUCTED BLASTING ACCORDING TO PUBLISHED SCHEDULE
COMPLIANCE DATE 06/27/80 EXTENSIONS / / / / DATE CORRECTED 06/28/80

STATUS OF ORDER: TERMINATED DATE 07/10/80 ENTRY DATE 08/29/80
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY BURNING STAR #2 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE PERRY IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.19(E)(4)

STATED PROBLEM FAILURE TO KEEP COMPLETE BLAST RECORDS TYPE

LOCATION STATE PERMIT AREA #573-79 (PINCKNEYVILLE #3 PIT)

ISSUING AGENCY OSM

VIOLATION DATE 06/12/80 VIOLATION ORDER 80-III-10-14 NUMBER 04 OF 04

****REQUIRED ACTION**** ****CONSOLS ACTION****

KEEP COMPLETE RECORDS (OSM WILL MONITOR UNTIL 6/26/80) KEPT COMPLETE RECORDS FOR ALL BLASTS
COMPLIANCE DATE 06/12/80 EXTENSIONS / / / / DATE CORRECTED 06/13/80

STATUS OF ORDER: TERMINATED DATE 06/27/80 ENTRY DATE 08/29/80
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY BURNING STAR #2 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE PERRY IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.19(E)(1)

STATED PROBLEM BLASTING OUTSIDE SCHEDULED TIMES TYPE

LOCATION STATE PERMIT AREA #573-79 (PINCKNEYVILLE #3 PIT)

ISSUING AGENCY OSM

VIOLATION DATE 06/12/80 VIOLATION ORDER 80-III-10-14 NUMBER 03 OF 04

****REQUIRED ACTION****

BLAST W/IN SCHEDULED TIMES (OSM WILL MONITOR 'TIL 6/26/80
COMPLIANCE DATE 06/12/80 EXTENSIONS / / / /

COMPLIANCE DATE / / EXTENSIONS / / / /

****CONSOLS ACTION****

INSTRUCTED BLASTERS TO STAY W/IN SCHEDULE
DATE CORRECTED 06/12/80

CONDUCTED BLASTING ACCORDING TO SCHEDULE
DATE CORRECTED 06/13/80

STATUS OF ORDER: TERMINATED DATE 06/27/80 ENTRY DATE 01/07/81
ASSESSMENT $0 DATE 11/12/80
SETTLEMENT $0 DATE 11/12/80

NAME OF FACILITY BURNING STAR #2 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE PERRY IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.19(C)(1)

STATED PROBLEM INACCURATE BLASTING SCHEDULE TYPE

LOCATION STATE PERMIT AREA #573-79 (PINCKNEYVILLE #3 PIT)

ISSUING AGENCY OSM

VIOLATION DATE 06/12/80 VIOLATION ORDER 80-III-10-14 NUMBER 02 OF 04

****REQUIRED ACTION****

PUBLISH A CORRETED SCHEDULE
COMPLIANCE DATE 06/30/80 EXTENSIONS / / / /

COMPLIANCE DATE / / EXTENSIONS / / / /

****CONSOLS ACTION****

SENT ACCURATE SCHEDULES TO EACH RESIDENCE W/IN 1/2 MILE
DATE CORRECTED 01/10/80

PUBLISHED A CORRECTED BLASTING SCHEDULE
DATE CORRECTED 06/26/80

STATUS OF ORDER: TERMINATED DATE 07/10/80 ENTRY DATE 01/07/81
ASSESSMENT $0 DATE 11/12/80
SETTLEMENT $0 DATE 11/12/80

NAME OF FACILITY BURNING STAR #2 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE PERRY IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 710.11(A)(2)

STATED PROBLEM FAILURE TO GRADE IN A TIMELY MANNER TYPE

LOCATION APPLICABLE AREA AT PINCKNEYVILLE #3 PIT (16 ACRES)

ISSUING AGENCY OSM

VIOLATION DATE 06/12/80 VIOLATION ORDER 80-III-10-14 NUMBER 01 OF 04

****REQUIRED ACTION**** ****CONSOLS ACTION****

COMPLETE GRADING OR OBTAIN EXTENSION FROM RA REPLACED TOPSOIL, THEREBY COMPLETING GRADING
COMPLIANCE DATE 07/17/80 EXTENSIONS / / / / DATE CORRECTED 07/17/80

STATUS OF ORDER: TERMINATED DATE 07/30/80 ENTRY DATE 01/07/81
ASSESSMENT $0 DATE 11/12/80
SETTLEMENT $0 DATE 11/12/80

NAME OF FACILITY BURNING STAR #4 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE PERRY IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.17(G)(4)

STATED PROBLEM WASTE DISPOSAL AREA NOT BURIED OR TREATED IN 90 DAYS TYPE

LOCATION APPLICABLE GOB AREAS

ISSUING AGENCY OSM

VIOLATION DATE 04/22/80 VIOLATION ORDER 80-III-10-13 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

BURY ACID AND TOXIC-FORMING WASTES WITH 4 FEET MATERIALS
COMPLIANCE DATE 05/22/80 EXTENSIONS / / / / DATE CORRECTED / /

SEED AND MULCH THE AREA
COMPLIANCE DATE 06/05/80 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: TERMINATED DATE 06/23/80 ENTRY DATE 01/07/81
ASSESSMENT $1,000 DATE 11/10/80
SETTLEMENT DATE / /

NAME OF FACILITY BURNING STAR #4 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE PERRY IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.19(E)(2)

STATED PROBLEM BLASTING DAMAGED PRIVATE PROPERTY TYPE

LOCATION BIGHAM FIELD NEXT TO SOUTHWEST OF WEST END OF 2570 PIT

ISSUING AGENCY OSM

VIOLATION DATE 04/25/80 VIOLATION ORDER 80-III-1-6 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

REMOVE FLYROCK
COMPLIANCE DATE 04/25/80 EXTENSIONS / / / /

REMOVED ALL FLYROCK GREATER THAN 6 INCHES
DATE CORRECTED 04/25/80

STATUS OF ORDER: TERMINATED DATE 04/28/80 ENTRY DATE 08/29/80
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NAME OF FACILITY BURNING STAR #4 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE PERRY IL MIDWESTERN REGION ILLINOIS SURFACE OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.19(E)(1)

STATED PROBLEM AIRBLAST EXCEED 128 DB TYPE

LOCATION 1550 PIT ON 1-8-80 AND 1-23-80

ISSUING AGENCY OSM

VIOLATION DATE 02/26/80 VIOLATION ORDER 80-III-1-1 NUMBER 01 OF 01

****REQUIRED ACTION****

CEASE BLASTING AND MODIFY BLASTING PROCEDURES
COMPLIANCE DATE 02/26/80 EXTENSIONS / / / /

****CONSOLS ACTION****

CHANGES PROPOSED AT MINE-SITE HEARING; NOW ALLOWED TO BLAST
DATE CORRECTED 02/28/80

STATUS OF ORDER: TERMINATED DATE 04/09/80 ENTRY DATE 08/29/80
ASSESSMENT $2,200 DATE 07/01/80
SETTLEMENT $400 DATE 09/18/80

LEGAL PROCEEDINGS PETITION FOR REVIEW DATE INITIATED 07/29/80
LOCATION OF PROCEEDINGS HEARING AUTHORITY
PROCEEDING STATUS DISMISSED BY JOINT REQUEST DECISION DATE 09/18/80

NAME OF FACILITY SHAWNEE STRIP TYPE OF FACILITY SURFACE PROCESS DATE: 09/29/80

COUNTY AND STATE MCDOWELL WV SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.16(A)(2)

STATED PROBLEM DIDN'T IDENTIFY "A" HORIZON BY SOIL SURVEY TYPE SMCRA

LOCATION ALL AREAS WHERE TOPSOIL TO BE SAVED (PERMIT AREA 69-79

ISSUING AGENCY OSM

VIOLATION DATE 08/15/80 VIOLATION ORDER 80-I-82-33 NUMBER 01 OF 01

****REQUIRED ACTION**** ****CONSOLS ACTION****

IDENTIFY "A" HORIZON BY SOIL SURVEY
COMPLIANCE DATE 09/12/80 EXTENSIONS / / / / DATE CORRECTED / /

STATUS OF ORDER: PENDING DATE / /
ASSESSMENT $0 DATE 12/15/80
SETTLEMENT $0 DATE 12/15/80

LEGAL PROCEEDINGS APPLICATION FOR REVIEW DATE INITIATED 09/10/80
LOCATION OF PROCEEDINGS BECKLEY WV HEARING AUTHORITY
PROCEEDING STATUS DECISION DATE / /

NAME OF FACILITY HORSEPEN STRIP #1 TYPE OF FACILITY SURFACE PROCESS DATE: 08/29/80

COUNTY AND STATE TAZEWELL VA SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.17(H)(3)

STATED PROBLEM FAILURE TO MONITOR GROUNDWATER IN APPROVED MANNER TYPE SMCRA

LOCATION ENTIRE OPERATION

ISSUING AGENCY OSM

VIOLATION DATE 03/21/80 VIOLATION ORDER 80-I-74-10 NUMBER 02 OF 03

****REQUIRED ACTION**** ****CONSOLS ACTION****

SUBMIT MONITORING PLAN FOR REVIEW SUBMITTED INFORMATION ABOUT GROUND WATER PROGRAM
COMPLIANCE DATE 04/24/80 EXTENSIONS 06/24/80 / / DATE CORRECTED 06/24/80

STATUS OF ORDER: TERMINATED DATE 09/12/80 ENTRY DATE 09/29/80
ASSESSMENT $440 DATE 05/27/80
SETTLEMENT $0 DATE 09/29/80

LEGAL PROCEEDINGS PETITION FOR REVIEW DATE INITIATED 08/11/80
LOCATION OF PROCEEDINGS CHARLESTON WV HEARING AUTHORITY ALJ TOM ALLEN
PROCEEDING STATUS VIOLATION AFFIRMED; REASSESSED 0 POINTS DECISION DATE 09/29/80

NAME OF FACILITY HORSEPEN STRIP #1 TYPE OF FACILITY SURFACE PROCESS DATE: 01/07/81

COUNTY AND STATE TAZEWELL VA SOUTHERN APPALACHIA REGION TAZEWELL OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 715.20

STATED PROBLEM FAILURE TO ESTABLISH VEGETATION TYPE SMCRA

LOCATION ROAD CUT

ISSUING AGENCY OSM

VIOLATION DATE 03/21/80 VIOLATION ORDER 80-I-74-10 NUMBER 01 OF 03

****REQUIRED ACTION**** ****CONSOLS ACTION****

ESTABLISH VEGETATION SEEDED AND MULCHED AREA
COMPLIANCE DATE 04/24/80 EXTENSIONS / / / / DATE CORRECTED 04/20/80

STATUS OF ORDER: TERMINATED DATE 04/23/80 ENTRY DATE 01/07/81
ASSESSMENT $0 DATE 05/27/80
SETTLEMENT $0 DATE 05/27/80

NAME OF FACILITY TURKEY GAP TYPE OF FACILITY UNDERGROUND PROCESS DATE: 01/07/81

COUNTY AND STATE MERCER WV SOUTHERN APPALACHIA REGION BECKLEY OPERATIONS

VIOLATION OF: OSM INTERIM REGULATIONS SECTION 717.17(A)

STATED PROBLEM FAILED TO PASS ALL SURFACE DRAINAGE THROUGH SEDIMENT POND TYPE SMCRA

LOCATION PORTION LOCATED AT RICH CREEK

ISSUING AGENCY OSM

VIOLATION DATE 05/01/80 VIOLATION ORDER 80-I-70-5 NUMBER 02 OF 02

****REQUIRED ACTION****

PASS DRAINAGE THROUGH SEDIMENTATION POND
COMPLIANCE DATE 06/30/80 EXTENSIONS / / / /

****CONSOLS ACTION****

SEDIMENT POND HAS BEEN BUILT TO COLLECT DRAINAGE
DATE CORRECTED 06/20/80

STATUS OF ORDER: DATE / / ENTRY DATE 01/07/81
ASSESSMENT DATE / /
SETTLEMENT DATE / /

NOTICES OF VIOLATION

KEMMERER COAL COMPANY

Notices of Violation
Kemmerer Coal Company

On May 7, 1979 the Kemmerer Coal Company received a Notice of Violation and Cease and Desist Order, Docket No. 515-79, dated 5/1/79, concerning placement of unsuitable material on topsoil from DEQ-LQD. The Notice of Violation referred to an inspection which was conducted on March 14-15, 1979 by Dr. Jim Mitchell.

Kemmerer protested the Notice of Violation and on August 13, 1979, the matter came before a hearing of the Environmental Quality Council. On January 31, 1980 the Company received notice that the Notice of Violation and the Cease and Desist Order issued on May 1, 1979 had been revoked.

As a result of an inspection on August 22, 1979, Kemmerer received a Notice of Violation for the Elkol-Sorensen Mine from the DEQ, Docket No. 612-79. The violation charged that surface drainage from disturbed areas did not pass through adequate sediment action control structures. A duplicate notice of violation, for the same reason and as a result of the same inspection was received from OSM on August 22, 1979, Docket No. NOV 79-5-5-25.

On August 24, 1979 Kemmerer submitted a letter to OSM's assessment committee which provided information concerning the violation.

On September 4, 1979, Kemmerer submitted designs for temporary sediment control of the area and abatement plans to DEQ. On September 10, 1979 the DEQ notified the Company of approval to construct the designs as submitted. On September 13, 1979, DEQ was informed of the completion of the structures and abatement of the violation.

A penalty assessment conference was requested by Kemmerer and granted by OSM. On January 11, 1980, the Company met with OSM in Denver, Colorado to review the assessment for NOV 79-5-5-25. As a result of the conference, the Company received an adjustment on the points issued for the extent of the damage and for good faith. Total dollar assessment was reduced from $800.00 to no penalty.

CHAPTER 3.0

OPERATION AND RECLAMATION PLAN

EMERY MINE

CONSOLIDATION COAL COMPANY

MARCH 23, 1981

Table of Contents

		Page
3.1	Scope	3-1
3.2	Surface Facilities and Capital Construction Plans	3-1
3.2.1	Site Selection and Construction Plans	3-1
3.2.2	Portals	3-1
3.2.3	Surface Buildings and Structures	3-1a
3.2.3.1	Stoker-Reclaim System	3-2
3.2.3.2	Tipple	3-2
3.2.3.3	Tipple Control Station	3-2
3.2.3.4	Stoker Oil Heater	3-3
3.2.3.5	100,000-Gallon Water Tank	3-3
3.2.3.6	Fresh Water Treatment Building	3-3
3.2.3.7	Evaporation Lagoon	3-4
3.2.3.8	Mine Access Portal	3-4
3.2.3.9	Coal Haulage Portal	3-5
3.2.3.10	Auxiliary Intake Portal	3-5
3.2.3.11	Return Air Portal	3-5
3.2.3.12	Warehouse/Office Building	3-6
3.2.3.13	Bathhouse	3-6
3.2.3.14	Foreman's Office Building	3-6
3.2.3.15	Sampling Trailer	3-7
3.2.3.16	Storage Building	3-7
3.2.3.17	Storage Trailer	3-7
3.2.3.18	Shift Change Building	3-7
3.2.3.19	Tipple Shop	3-8
3.2.3.20	Spare Office Trailer	3-8
3.2.3.21	PCB Storage Building	3-8
3.2.3.22	Mine Fan Building	3-8
3.2.3.23	Mine Substation	3-9
3.2.3.24	Borehole Pump Facility	3-9
3.2.3.24A	Borehole Pump Facility	3-9
3.2.3.24B	Proposed Borehole Pump Facility	3-9a
3.2.3.25	Mine Discharge: Sedimentation Pond No. 1	3-9a
3.2.3.25A	Mine Discharge: Sedimentation Pond No. 6	3-9b
3.2.3.26	Oil Storage Area	3-10
3.2.3.27	Gasoline Fuel Storage	3-10
3.2.3.28	Diesel Fuel Storage	3-10
3.2.3.29	Stoker Oil Storage	3-11
3.2.3.30	Generator Fuel Storage	3-11
3.2.3.31	Scrap Yard	3-12
3.2.3.32	Supply Yard	3-12
3.2.3.33	Truck Scales	3-12
3.2.3.34	Explosives Storage	3-13
3.2.3.35	Gauging Stations	3-13
3.2.3.36	Coal Stockpile Areas	3-13
3.2.3.37	Sewage Treatment System	3-14
3.2.3.38	Bridge on Quitchupah Creek	3-14
3.2.3.39	Surface Drainage Control System	3-14
3.2.3.40	Non-Coal Waste Storage Area	3-15
3.2.3.40A	Proposed Underground Development Waste Disposal Site	3-15
3.2.3.41	Parking Area	3-15a
3.2.3.42	Mine Yard Roads	3-15a

Revised 8/88
Revised 3/89
Revised 6/89

3.2.3.43	Road to the Mine Substation	3-16
3.2.3.44	Road to the Borehole Pump Facility	3-16
3.2.3.45	Road to the Mine Discharge Sedimentation Pond	3-16
3.2.3.46	County Roads	3-16
3.2.3.47	Utah State Highway 10	3-17
3.2.4	Coal Handling, Processing, Preparation and Storage	3-17
3.2.5	Power System, Transmission Lines, Substations, and Mine Feeders	3-18a
3.2.5.1	Surface Distribution	3-18b
3.2.5.2	Underground	3-19
3.2.6	Water Supply System	3-19
3.2.7	Sewage System	3-20
3.2.8	Water Diversion Structures	3-20
3.2.9	Sedimentation Control Structures and Water Treatment Facilities	3-22
3.2.9.1	Sedimentation Control of Drainage in the Mine Facilities Area	3-22
3.2.9.2	Sedimentation Control of Mine Discharge	3-23
3.2.9.3	Alternate Sedimentation Control for Small Areas	3-23
3.2.10	Transportation, Roads, Parking Areas	3-23c
3.2.11	Permit Term and Life of Mine Affected Surface Areas	3-23c
3.2.12	Detailed Construction Schedule	3-23c
3.3	Operation Plan	3-24
3.3.1	Mining Plans	3-24
3.3.1.1	Orientation and Multiple Seam Considerations	3-24
3.3.1.2	Portals, Shafts, and Slopes	3-24
3.3.1.3	Mining Methods	3-25
3.3.1.4	Projected Mine Development	3-25
3.3.1.5	Retreat Mining	3-25
3.3.1.6	Mine Subsystems	3-30
3.3.2	Barrier Pillars	3-37
3.3.2.1	Protection of Oil and Gas Wells	3-37
3.3.2.2	Protection of Surface Structures and Seams	3-37
3.3.2.3	Property Boundaries	3-37
3.3.2.4	Outcrop Protection	3-37
3.3.3	Conservation of Coal Resource	3-38
3.3.3.1	Projected Maximum Extraction	3-38
3.3.3.2	Justification for Non-Recovery	3-38
3.3.3.3	Access to Future Reserves	3-42
3.3.4	Major Equipment	
3.3.5	Mine Safety, Fire Protection, and Security	3-43
3.3.5.1	Signs	3-43
3.3.5.2	Fences and Gates	3-44
3.3.5.3	Fire Protection	3-44
3.3.5.4	Explosives	3-44
3.3.6	Operations Schedule	3-44
3.3.7	Mine Permit Area	3-45
3.3.7.1	Projected Mining by Year	3-45

3.3.7.2 Acreage and Delineation of Mine Permit Area 3-45
3.3.8 Mine Plan Area and Projected Mining by Future Permit Term for the Planned Life of Mine 3-45
3.4 Environmental Protection 3-46
3.4.1 Preservation of Land Use 3-46
3.4.1.1 Impacts of Mining on Existing and Future Land Uses 3-46
3.4.1.2 Control Measures to Mitigate Impacts 3-46
3.4.2 Protection of Human Values 3-46
3.4.2.1 Projected Impacts of Mining of Historical and Cultural Resources 3-46
3.4.2.2 Control Measures to Mitigate Impacts 3-47
3.4.3 Protection of Hydrologic Balance: Groundwater 3-47
3.4.3.1 Projected Impacts of Mining on the Hydrologic Balance: Groundwater 3-48
3.4.3.2 Control Measures to Mitigate Groundwater Impacts 3-49
3.4.3.3 Monitoring Procedures to Measure Projected Impacts and Control 3-49
3.4.4 Preservation of Soil Resources 3-49
3.4.4.1 Projected Impacts of Mining on Soil Resources
3.4.4.2 Control Measures to Mitigate Impacts 3-50
3.4.5 Protection of Vegetative Resources 3-50
3.4.5.1 Projected Impacts of Mining on Vegetative Resources 3-50
3.4.5.2 Mitigating Measures to be Employed to Reduce Impacts on Vegetative Resources 3-50
3.4.5.3 Vegetative Monitoring Procedures 3-50
3.4.6 Protection of Fish and Wildlife 3-50
3.4.6.1 Projected Impacts of Mining on Fish and Wildlife 3-50
3.4.6.2 Recommended Mitigation Measures to be Used to Protect Fish and Wildlife 3-51
3.4.6.3 Recommended Monitoring Procedures 3-52a
3.4.7 Protection of Air Quality 3-52a
3.4.7.1 Projected Impacts of Mining on Air Quality 3-52a
3.4.7.2 Mitigating Measures to be Employed to Control Air Pollutants
3.4.7.3 Air Quality Monitoring Plans 3-52a
3.4.8 Subsidence Control Plan 3-53
3.4.8.1 Projected Impacts of Subsidence 3-53
3.4.8.2 Control Measures to Mitigate Impacts 3-53
3.4.8.3 Monitoring Procedures to Measure Projected Impacts and Controls 3-53
3.4.9 Waste Disposal Plans 3-53
3.4.9.1 Projected Impacts of Disposal Areas and Methods on Environment 3-53a
3.4.9.2 Control Measures to Mitigate Impacts 3-53a
3.5 Reclamation Plan 3-54
3.5.1 Contemporaneous Reclamation 3-54
3.5.1.1 Evaporation Lagoon Reclamation 3-54
3.5.1.2 Underground Developmental Waste Disposal Site 3-54a
3.5.1.3 Excess Cut Material Disposal Site 3-54a

Page

3.5.2 Soil Removal and Storage 3-55
3.5.3 Final Abandonment 3-55
3.5.3.1 Sealing of Mine Openings 3-55
3.5.3.2 Removal of Surface Structures 3-55
3.5.3.3 Disposition of Dams, Ponds, and Diversions 3-55
3.5.3.4 Sealing of Borehole Pump Openings 3-57
3.5.4 Backfilling and Grading Plan 3-57
3.5.4.1 Recontouring 3-57
3.5.4.2 Removal or Reduction of Highwalls 3-57
3.5.4.3 Terracing and Erosion Control 3-57
3.5.4.4 Removal of Surface Debris 3-58
3.5.4.5 Soil Redistribution and Stabilization 3-58
3.5.5 Revegetation Plan 3-58
3.5.5.1 Soil Preparation 3-58
3.5.5.2 Seeding and Transplanting 3-58
3.5.5.3 Mulching 3-59
3.5.5.4 Management 3-59
3.5.5.5 Revegetation Monitoring 3-59
3.5.6 Schedule of Reclamation 3-59
3.5.6.1 Detailed Timetable for Reclamation 3-59
3.5.6.2 Reclamation Monitoring 3-60
3.5.7 Cost Estimate for Reclamation 3-60
3.5.7.1 Cost Estimate of Each Step of Reclamation 3-60
3.5.7.2 Forecast of Performance Bond Liability During Permit Term and Life of Mine 3-61

List of Figures

		Page
3-1	Emery Mine Tipple Layout and Circuit Schematic	3-18
3-2	Emery Mine Water Treatment and Sewage Disposal Schematic	3-21
3-3	Typical Sequence of Secondary Extraction - Method #1	3-26
3-4	Typical Sequence of Secondary Extraction - Method #2	3-27
3-5	Typical Second Mining of Entry Pillars Measuring 100' x 100'	3-28
3-6	Typical Second Mining of Entry Pillars Measuring 100' x 80'	3-29
3-7	Typical Face Ventilation of a Mainline Section	3-31
3-8	Typical Face Ventilation of a Five Entry System	3-32
3-9	Typical Face Ventilation: Rooms Worked on Advance	3-33
3-10	Typical Face Ventilation: During Retreat Mining	3-34
3-11	Typical Vertical Roof Bolt Support at Spot Locations	3-35
3-12	Typical Spot Conventional Support of an Adverse Area	3-36
3-13	Permanent Mine Opening Seals	3-57

List of Plates

3-1	Present and Possible Future Affected Surface Areas for the Emery Mine
3-2	Mine Facilities Area: Map A
3-3	Mine Facilities, Outlying Structures: Map B
3-4	Emery Mine Water System
3-5	Project Area Present and Future Operations
3-6	Projected I Zone Life of Mine Plan
3-7	Projected I Zone 5-Year Mining Sequence
3-8	Projected Areas of Future Permit Terms
3-9	Previous Mining Sequence
3-10	Slope Analysis of Affected Surface Areas

3.0 OPERATION AND RECLAMATION PLAN

3.1 Scope

This chapter explains the existing and proposed operations for the Emery Mine 5-year plan beginning in 1981. Included is a discussion of existing and proposed surface facilities, the operation plan, environmental protection, and the reclamation plan. The discussion focuses on the proposed 5-year mine plan; however, future facilities and the life-of-mine plan are also identified.

The facilities and operations described here are based on the continuation of mining under the proposed 5-year mine plan. As future mine plans are developed or as new facilities are needed, Consol will submit the appropriate information required to revise this permit.

Some sections of this chapter were developed to summarize information contained in subsequent chapters. Please refer to the chapter(s) identified.

3.2 Surface Facilities and Construction Plans

3.2.1 Site Selection and Preparation

Plate 3-1 shows the present and future affected surface areas for the life of the Emery I zone mine. The present affected area includes all the existing surface facilities for the mine, as well as outlying structures such as the mine discharge sedimentation pond and electrical substation.

The only facilities proposed to be constructed at this time are the coal preparation plant and refuse disposal area. The proposed designs are contained in chapter 15.0.

3.2.2 Portals

There are four portals at the Emery Mine. These installations are discussed in Section 3.2.3 and are shown on Plate 3-2. An additional series of portals will be installed in the area south of Quitchupah Creek within the permit term. Although environmental data have been collected for this area (see Section 8.4), there are no firm plans for actual timing or design of this installation. These plans will be submitted to the regulatory authority as an addition to this permit application when final planning is complete.

3.2.3 Surface Buildings and Structures

The following subsections provide a general description of the type of construction, usage, and approximate construction dates of all the pertinent surface structures at the Emery Mine. Also included are map reference codes for the surface facilities maps at the end of this

section. Structures that require a more detailed description are discussed individually in this chapter. Each facility is shown on Plates 3-2 and 3-3.

3.2.3.1 Stacker-Reclaim System

Map Code: 1A
Quantity: 1
Approximate Construction Date: 3rd Quarter, 1976

The reclaim system consists of a stationary 48-inch stacking conveyor, a ventilated reclaim tunnel, and a 48-inch reclaim conveyor. It is equipped with all safety devices required by MSHA.

Coal exiting the mine via conveyor is transferred to the stacking conveyor, which discharges into a surge pile. The reclaim tunnel is located under the surge pile and is equipped with an adjustable feeder belt that withdraws a controlled flow of coal from the surge pile and deposits it upon the reclaim conveyor. The reclaim conveyor then transports coal to the tipple feed.

All drainage from the reclaim is diverted to sedimentation pond no. 2.

3.2.3.2 Tipple

Map Code: 2A
Quantity: 1
Approximate Construction Date: Prior to 1975

The tipple consists of a 1¼-inch scalping screen, a crusher, a double deck 1¼"x5/16" sizing screen, four product storage bins and various short-length product conveyors.

Coal is fed to the tipple via the reclaim system. It is initially split into two flows by the scalping screen. The 1¼"x0" material becomes the "crushed run-of-mine" (CROM) while the +1¼ is is crushed to 1¼"x0". This is then screened at 1¼"x5/16" to create the "stoker" product. The stoker, fines, and oversize are all stored in bins (the CROM is stock-piled). The fines are either added to the stoker with oil, as determined by the customer, or added to the CROM. The oversize is added back into the tipple feed.

All drainage from the tipple area is diverted to sedimentation pond no. 2.

3.2.3.3 Tipple Control Station

Map Code: 3A
Quantity: 1
Approximate Construction Date: Prior to 1975

The tipple control station is a small concrete block structure adjacent to the tipple. It contains the controls to all the tipple and reclaim functions. This structure is within the surface drainage control area.

3.2.3.4 Stoker Oil Heater

Map Code: 4A
Quantity: 1
Approximate Construction Date: Prior to 1975

The stoker oil heater consists of a buried 7,000-gallon tank, a 3,000-gallon tank, and two heater units contained within a small cement block building. The heater system is connected to the truck loading belt at the tipple by a buried pipeline.

Stoker oil is pumped from the holding tanks to the heaters. It is then transported via a pipeline to the stoker truck loading belt located at the tipple. Here the stoker oil is sprayed on the coal as the coal is loaded. The stoker is oiled to cut down on dust created while it is being used in a residential or industrial furnace.

The stoker oil storage tanks have been treated and buried. The entire system is within the approved drainage control area.

3.2.3.5 100,000 Gallon Water Tank

Map Code: 5A
Quantity: 1
Approximate Construction Date: 4th Quarter, 1975

The 100,000-gallon tank measures 25 feet high by 26 feet in diameter, and is located on the canyon wall above the tipple. The tank sits upon a concrete base. It is equipped with an overflow, level indicator, and a bank of valves to direct water flow.

The 100,000-gallon tank serves as a surge tank for both surface and underground water supplies. Water from underground is pumped to the tank through a bi-directional pipeline. Water may be drawn from the bi-directional pipeline for surface use (bathhouses, washdown hoses, fire hydrants, etc.), or may be allowed to return to the mine via the feedline if the water demand from the underground machinery is greater than that of the tank feed.

Surface drainage from the tank area flows into the mine yard where it is diverted to sedimentation pond no. 2. The tank is also equipped with an automated level control to eliminate any overflow discharge.

3.2.3.6 Fresh Water Treatment Building

Map Code: 6A
Quantity: 1
Approximate Construction Date: 1st Quarter, 1976

The fresh water treatment building is located near the office/warehouse. The building houses a reverse osmosis machine and a 5,000-gallon fresh water surge tank. The building itself is a pre-fabricated metal building sitting on a concrete foundation. The purpose of the building is to house and protect the reverse osmosis machinery. Water drawn from the

100,000-gallon tank is processed through the reverse osmosis (R/O) at the rate of 24 gallons per minute. The R/O produces two products on a 50% basis--clean water and brine (reject). The clean water is chlorinated and pumped to a 5,000-gallon holding tank and is distributed to the bathhouses and offices. The brine is pumped to a lagoon for evaporation.

The brine, or reject, from the osmosis system is disposed of by evaporation at a structure located outside the mine facilities area. For information regarding the evaporation lagoon, see Section 3.2.3.7.

3.2.3.7 Evaporation Lagoon

Map Code: 1B
Quantity: 1
Approximate Construction Date: 1st Quarter, 1976

The evaporation lagoon is an earthen structure which covers 48,000 square feet of surface area and has a storage capacity of 6.6 acre-feet. The lagoon is built on a circular 8-foot-high berm installed on a 2:1 slope, and is equipped with an overflow at 6 feet.

Waste water, or brine, from the reverse osmosis water purification system is transported to the evaporation lagoon through a 2-inch PVC line. The brine is contained here until it evaporates. Although the lagoon is required to process about 7,000 gallons of brine per day, it is vastly over-designed, since only a small puddle of unevaporated brine has ever collected at the inlet end.

The lagoon was given preliminary written approval by the state health department and has since been verbally approved. There has been no evidence of seepage or leakage from the lagoon since its installation. However, the Division of Oil, Gas and Mining has found fault with the lagoon, so Consol will modify this installation as described in Section 3.2.6.

3.2.3.8 Mine Access Portal

Map Code: 8A
Quantity: 1
Approximate Construction Date: Prior to 1975

The mine access portal is approximately 3,000 feet east of the tipple at the outcrop of the I zone. The portal is equipped with a flood door to hold back possible flood waters and to protect the immediate opening from float rock which might fall from the canyon wall.

The mine access portal serves two purposes: 1) to allow access of rubber-tired vehicles for the transportation of men and supplies into the mine; and 2) to serve as a primary intake airway.

Drainage around this portal is controlled by the approved drainage control system.

3.2.3.9 Coal Haulage Portal

Map Code: 7A
Quantity: 1
Approximate Construction Date: Prior to 1975

The coal haulage portal is located at the tipple and enters the canyon wall about 20 feet above the I zone. This portal and its associated entries are provided with box checks and mandoors so that the opening is isolated from the mine ventilation current. The coal haulage portal and the mainline haulage entries are equipped with 42-inch conveyor systems, usually hung from the roof by chains. Coal is transported from the working sections by 36-inch conveyors and is transferred to the mainline conveyors at appropriate intersections. Coal leaving the haulage portal is dumped into the reclaim system and is then processed through the tipple.

The area around this opening is graded so that the surface water flows away from the portal and is diverted to sedimentation pond no. 1.

3.2.3.10 Auxiliary Intake Portal

Map Code: 9A
Quantity: 1
Approximate Construction Date: 3rd Quarter, 1978

The auxiliary intake portal is about 100 feet east of the mine access portal at the outcrop of the I zone. It is fenced in to prevent entrance of people or wildlife and is provided with warning signs. This portal serves as an additional intake airway for the mine. It joins with the mine access entries about 400 feet inby the surface.

Except for the area immediately surrounding this opening, the surface is graded away from the portal so that surface drainage can be diverted to pond no. 1.

3.2.3.11 Return Air Portal

Map Code: 10A
Quantity: 1
Approximate Construction Date: 3rd Quarter, 1978

The return air portal is about 600 feet east of the mine access portal at the outcrop of the I zone. The opening is heavily supported with steel beams.

Also located at the return air portal is an 8-foot axial flow fan. The fan is slightly offset from the portal for explosion protection and provides the negative ventilating pressure for the mine. The ventilating current is drawn into the mine through the intake portals and is discharged via the return air portal after circulating the required areas of the mine.

The fan and the immediate area around the portal are graded to provide drainage away from both structures.

3.2.3.12 Warehouse/Office Building

Map Code: 11A
Quantity: 1
Approximate Construction Date: 4th Quarter, 1978

The warehouse/office building measures approximately 100'x40' and is segmented into three sections. Three-fourths of the available space is devoted to the warehouse, while ¼ of the remaining space is allocated to both the main shop and offices, respectively.

This building is used to house the mine offices, main shop and warehouse. The offices serve as the headquarters for the mine. The warehouse provides enclosed storage space for small and delicate mine supply items; the main shop is used to perform repairs and routine maintenance on various mine equipment.

The surface drainage from the area around this building is controlled by the approved surface drainage control system. The waste water from the building is cycled through an approved sewage system.

3.2.3.13 Bathhouse

Map Code: 12A
Quantity: 3
Approximate Construction Date: Prior to 1975

The bathhouses consist of three units which were converted from a trailer-type mobile home. Each bathhouse is equipped with shower stalls, toilets, sinks, and lockers. The largest of the three units contains a separate installation for female personnel. The waste water from the bathhouses, which totals approximately 7,000 gallons per day, is processed through an approved sewage system with a maximum capacity of 13,500 gallons per day.

3.2.3.14 Foreman's Office Building

Map Code: 13A
Quantity: 1
Approximate Construction Date: Prior to 1975

The foreman's office building is a small cement block building containing two offices and a small storage space. This building provides office space for the general mine foreman, the general maintenance foreman, and storage space for small supplies. The building is within the approved drainage control area of the mine.

3.2.3.15 Sampling Trailer

Map Code: 14A
Quantity: 1
Approximate Construction Date: Prior to 1975

The sampling trailer is a highway tractor-trailer that is semi-permanently stationed near the tipple. It is equipped with apparatus necessary to collect and size coal samples, and is used to store and process daily coal samples. Surface water runoff from this area flows into pond no. 1.

3.2.3.16 Storage Building

Map Code: 15A
Quantity: 1
Approximate Construction Date: Prior to 1975

The spare storage building is constructed of cement block and was once used as an explosives magazine. It is now used to store miscellaneous supplies, usually associated with mine safety (i.e., signs, reflectors, fire hose, etc.). This building is located within the approved drainage control area.

3.2.3.17 Storage Trailer

Map Code: 16A
Quantity: 2
Approximate Construction Date: Prior to 1975

The two storage trailers are surplus highway tractor-trailers and are semi-permanently stationed near the tipple and the warehouse, respectively. The trailer located at the warehouse is used to store electric motors and large parts which should be protected from the elements but are too large to store in the warehouse itself. The trailer stationed near the tipple is used to store various parts for the tipple.

Both structures are within the approved drainage control system.

3.2.3.18 Shift Change Building

Map Code: 17A
Quantity: 1
Approximate Construction Date: Prior to 1975

The shift change building is constructed of cement blocks and is located near the tipple. It is equipped with benches and coal-fired heat and is used as a meeting place for mine personnel at the beginning of each shift. Also, the mantrips are loaded and unloaded here.

The shift change building is located within the approved drainage control area. The coal burned in the building's furnace meets emission requirements.

3.2.3.19 Tipple Shop

Map Code: 18A
Quantity: 1
Approximate Construction Date: Prior to 1975

The tipple shop is a wood-frame building covered with galvanized tin and equipped with a bay door and coal-fired heat.

It is used in conjunction with the repair and maintenance of mobile tipple equipment used by the tipple crew as a meeting place and lunch room. The coal-fired heater meets emission requirements.

3.2.3.20 Spare Office Trailer

Map Code: 19A
Quantity: 1
Approximate Construction Date: Prior to 1975

The spare office trailer is located near the warehouse. It is built with material from a conventional mobile home and is used as an office by field personnel not employed directly at the mine. It is usually used by the exploration department during drilling programs. This structure is within the approved drainage control area.

3.2.3.21 PCB Storage Building

Map Code: 2B
Quantity: 1
Approximate Construction Date: 3rd Quarter, 1980

The PCB storage building is a prefabricated metal building measuring 20'x25'. The building is situated on a concrete slab which is recessed to contain any accidental spillage of PCB contaminants. The building is equipped with a large bay door and a standard mandoor.

This building is designed to store and completely contain transformers, motors, and other electrical devices which contain PCB's. These electric appliances will be stored here until an acceptable means of disposal of the contaminants is devised. The building was constructed under approval of the Utah State Division of Oil, Gas, and Mining. MSHA?

3.2.3.22 Mine Fan Building

Map Code: 20A
Quantity: 1
Approximate Construction Date: 3rd Quarter, 1978

The mine fan building is a compartmented metal structure which contains the main fan (8-foot Jeffery, axial flow), the auxiliary fan (54-inch Joy, axial flow), the motor house and controls, and ducting. The fan building is equipped with an air lock for access, explosion doors, and an emergency diesel power unit. The fan building is located at the mine return air opening.

The main fan is used to ventilate the mine under normal operating conditions. The auxiliary would be used if the main fan became inoperable. If a power loss should occur, the auxiliary fan may be powered by the emergency diesel power unit. The mine fan building was constructed according to MSHA guidelines and is within the approved drainage control area.

3.2.3.23 Mine Substation

Map Code: 3B
Quantity: 1
Approximate Construction Date: 3rd Quarter, 1976

The mine substation is located on the top of the north canyon overlooking the mine. It consists of various electrical appliances used to transform high voltage to usable mine power. The substation is enclosed by an 8-foot-high fence.

This structure is used to convery high line voltage (69 KV) to 4160 volts AC. One circuit is strictly for the underground mine, while the second circuit supplies power to both the surface facilities and the mine fan. The mine substation was installed according to existing electrical codes and MSHA guidelines.

3.2.3.24 Existing Borehole Pump Facility

Map Code: 4B1
Quantity: 1
Approximate Construction Date: Prior to 1975

The borehole pump facility consists of a multi-stage deep-well turbine pump, a 200 horsepower electric motor, and a high-voltage transformer. The pump is rated at 1,200 gallons per operating minute, and is used to dewater the underground workings. Water is diverted from the various active areas of the mine to the borehole pump. From there the water is pumped to the surface and through an 8-inch buried PVC line to the mine discharge sedimentation pond. Due to mine expansion, it has become increasingly inefficient to dewater the entire mine workings with a single borehole pump. For this reason, an additional borehole pump facility is proposed.

3.2.3.24A Borehole Pump Facility

Map Code: 4B2
Quality: 1
Approximate Construction Date: 4th Quarter 1986

The borehole pump facility consists of a multi-stage, deep-well turbine pump, a 200-horsepower electric motor, and a high-voltage transformer. Because of the remote nature of the proposed facility, the pump is equipped with an automatic starting control. The proposed facility is used to dewater the southern mining areas while the existing facility will solely be used to dewater the northern mining areas.

Revised 5/86
Revised 8/88

SEP 11 1989
OIL, GAS & MINING

3.2.3.24B Proposed Borehole Pump Facility

Map Code: 4B3
Quantity: 1
Approximate Construction Date: Proposed

The proposed borehole pump facility will consist of a multi-stage, deep-well turbine pump, a 200-horsepower electric motor, and a high-voltage transformer. Because of the remote nature of the proposed facility, the pump will be equipped with an automatic starting control. The water will be transferred through a 10 inch buried line to pond no. 6 for treatment prior to discharging. An alternate discharge line will tap into the pipe downstream of the pump drive but before the buried pipe sections and extend to the permit boundary where it will discharge into the adjacent landowner's irrigation system. The alternate discharge point will be incorporated into NPDES Permit #UT0022616 as Outfall 004. The proposed facility will be used to dewater the southern mining areas. Prior to construction, 6" of CBE_2 topsoil and 11" of BLC_2 topsoil will be salvaged and stockpiled for use in reclamation of the site. The pump borehole will be drilled, cased, and plugged in accordance with the methods described in "Administrative Rules for Waterwell Drillers", Utah Division of Water Rights (1985).

3.2.3.25 Mine Discharge Sedimentation Pond No. 1

Map Code: 5B
Quantity: 1
Approximate Construction Date: 4th Quarter, 1976

The mine discharge sedimentation pond (pond no. 1) is located near an unnamed tributary of Quitchupah Creek. It is an excavated structure measuring 80 feet long by 100 feet wide by 8 feet deep. It is equipped with concrete inlets and outlets and is riprapped to prevent wave erosion (see Photo 5-B).

This structure serves to settle out particulate matter in the mine discharge water drawn from the mine by the existing borehole pump. The treated water is discharged into an unnamed tributary of Quitchupah Creek. The pond is equipped with a flume to measure discharge. Flume readings and water samples are taken monthly. The discharge point of the pond is approved by the EPA and is identified by NPDES permit UT-0022616.

The design storage volume for the pond is 19.3 acre-feet. The design flows are 1,401,150 gallons per day at a retention time of 36 hours. This results in an actual storage of 6.4 acre-feet with 12.9 acre-feet remaining for sediment and expansion. Due to sediment buildup since construction in 1976 the approximate storage available now is 16.1 acre-feet. Excluding any future sediment buildup the pond is presently capable of treating flows up to 3,500,000 gallons per day using the same 36 hour retention time. Present flow average 600,000 gallons per day. It should be noted that the operation of two borehole pump facilities will not increase the average daily flows from the mine.

Upon approval and construction of the preparation plant, clarified water from this pond will be discharged into the proposed make-up water sump located between this structure and the proposed slurry impoundment. Clarified water will be pumped back to the plant for reuse, as required. Refer to section 15.3.3.2.

Revised 5/86
Revised 8/88
Revised 6/89

3.2.3.25A Mine Discharge Sedimentation Pond No. 6

Map Code: 8B
Quantity: 1
Approximate Construction Date: Proposed

The mine discharge sedimentation pond (pond no. 6) will be located near an unnamed tributary of Quitchupah Creek. It will be an excavated structure with a surface area measuring 373 feet long by 226 feet wide by 6½ feet deep. It will be equipped with concrete inlets and outlets and will be riprapped to prevent wave erosion. Prior to construction, 6" of CBE_2 topsoil and 11" of BLC_2 topsoil will be removed from the pond area and subsoil location, stockpiled separately, and protected by a berm for use in the final reclamation. Subsoil from the pond construction will be used for berm construction around pond no. 6 and the remaining portion stockpiled and protected with a berm.

A site reconnaissance of the project area was conducted by F. R. Hauck of Archeological-Environmental Research Corporation (AERC) to determine significant historic-prehistoric cultural activity. A highly significant Fremont site was identified adjacent to the project and the area was field marked to prohibit construction activity at this location. Additionally, the State of Utah Natural Resources' Department reviewed the project area and determined that a Black-footed Ferret survey was not needed.

This structure will serve to settle out particulate matter in the mine discharge water drawn from the mine by a proposed borehole pump. The treated water is discharged into an unnamed tributary of Quitchupah Creek. The pond will be equipped with a flume to measure discharge. Flume readings and water samples will be taken monthly. An EPA/NPDES outfall (under Permit UT-0022616) for the discharge point of pond no. 6 has been requested. All drainage from affected areas not associated with the pond structure or ditches will be contained within the disturbance boundary by berms and/or catch basins [Except as provided by UMC 817.42 - (6)(b)(1)].

The design storage volume for the pond is 10.2 acre-feet. The design flows are 750 gpm at a retention time of 36 hours. This results in an actual storage of 5.0 acre-feet with 5.2 ac-ft remaining for sediment and expansion.

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This structure serves to settle out particulate matter in the mine discharge water drawn from the mine by the borehole pump. The treated water is discharged into an unnamed tributary of Quitchupah Creek at an average daily flow of approximately 250 gpm.

Upon approval of the preparation plant, clarified water from this pond will be discharged into the proposed make-up water sump located between this structure and the proposed slurry impoundment. Clarified water will be pumped back to the plant for reuse, as required. Refer to section 15.3.3.2.

The pond is equipped with a flume to measure discharge. Flume readings and water samples are taken monthly. Results of these measurements are reported to the EPA on a quarterly basis. The discharge point of the pond is approved by the EPA and is identified by NPDES permit UT-0022616.

3.2.3.26 Oil Storage Area

Map Code: 21A
Quantity: 1
Approximate Construction Date: Not Applicable

The oil storage area is a small region of the mine yard set aside to store various lubricants and hydraulic fluids for use in machinery on the surface and underground. All petroleum products are contained in either 5-gallon barrels or 55-gallon drums and are transported underground as required. The approximate volume of petroleum products in storage is 3,000 gallons.

Since the mine has no provision for bulk transportation and storage of petroleum products, oils are stored in individual containers of a size and weight that is easily handled.

The oil storage area is within the approved surface drainage control area.

3.2.3.27 Gasoline Fuel Storage

Map Code: 22A
Quantity: 1
Approximate Construction Date: 3rd Quarter, 1979

The gasoline fuel storage consists of a buried 2,000-gallon tank located near the warehouse. It has been treated for burial and is equipped with an electric pump. This fuel is used in vehicles that are not directly involved with the mine, such as the superintendent's car and the foreman's trucks. The fuel tank has been treated for burial and is located within the approved surface drainage control area.

3.2.3.28 Diesel Fuel Storage

Map Code: 23A
Quantity: 2
Approximate Construction Date: 3rd Quarter, 1979

Diesel fuel is stored in two locations in the same relative area of the mine yard. The primary storage consists of two tanks, a 1,000-gallon tank and a 5,000 gallon tank, buried, and connected in parallel. The secondary storage consists of a buried 1,000-gallon tank. Both installations are equipped with electric pumps and all tanks have been prepared for burial.

The primary diesel storage is used to provide fuel for various surface and underground equipment. The secondary storage is used only as a backup system should fuel be in short supply or should the primary storage run out. Total diesel storage at the mine is 7,000 gallons.

All fuel tanks have been prepared for burial and are located within the approved surface drainage control area.

3.2.3.29 Stoker Oil Storage

Map Code: 24A
Quantity: 1
Approximate Construction Date: Prior to 1975

The stoker oil storage consists of a 7,000 gallon tank and a 3,000 gallon tank. Both tanks are buried and located near the stoker oil heater. Stoker oil is heated and sprayed on the stoker coal product, which is usually a blend of coarse coal and a small amount of fines. The oil is used to suppress float dust from the stoker coal when used in home heating furnaces.

Both stoker oil storage tanks were treated for burial and are contained within the approved surface drainage control area.

3.2.3.30 Generator Fuel Storage

Map Code: 25A
Quantity: 1
Approximate Construction Date: 1st Quarter, 1980

The generator fuel storage consists of a surface-mounted 500-gallon diesel fuel tank. The tank is installed on top of a metal frame equipped with a catch basin of a volume equivalent to the tank. The catch basin is designed to completely contain the contents of the fuel tank should leakage occur.

The generator fuel tank holds diesel fuel for use in the auxiliary mine fan generator. Should a power outage occur, the generator would be energized to power the auxiliary fan, thus maintaining adequate mine ventilation.

The fuel tank is located within the approved surface drainage control area. The facility has been approved by MSHA.

3.2.3.31 Scrap Yard

Map Code: 26A
Quantity: 1
Approximate Construction Date: 2nd Quarter, 1979

The scrap yard is a small area near the stockpile south of Quitchupah Creek and is used to store old or used equipment. Some of the material is sold to a scrap dealer about once a year. The remaining items are kept on hand for possible use around the mine.

The scrap yard is located within the approved surface drainage control area.

3.2.3.32 Supply Yard

Map Code: 27A
Quantity: 2
Approximate Construction Date: Not Applicable

The two supply yards are located near the warehouse and contain parts and bulk supply items used on a continual basis for either the surface or underground. The yards are used to store inventory parts, machinery, and bulk items in a consistent and easily accessible manner. All items contained in the supply yards are for immediate use in the mine or on the surface.

The supply yards are located within the approved surface drainage control area.

See next page
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3.2.3.33 Truck Scales

Map Code: 28A
Quantity: 1
Approximate Construction Date: 3rd Quarter, 1976

The truck scales consist of a standard highway scale unit of a size and capacity suitable for weighing medium duty highway coal trucks. Also associated with the scales is a small metal building where the controls and read-out are located.

The scales weigh the trucks before and after loading to determine the tonnage of coal being sold. They are calibrated and certified by the state every quarter.

The truck scales are located within the approved surface drainage control area.

The scrap yard is located within the approved surface drainage control area.

3.2.3.32 Supply Yard

Map Code: 27A
Quantity: 2
Approximate Construction Date: Not Applicable

The two supply yards are located near the warehouse and contain parts and bulk supply items used on a continual basis for either the surface or underground. The yards are used to store inventory parts, machinery, and bulk items in a consistent and easily accessible manner. All items contained in the supply yards are for immediate use in the mine or on the surface.

The supply yards are located within the approved surface drainage control area.

3.2.3.33 Truck Scales

Map Code: 28A and 28B
Quantity: 2
Approximate Construction Date: 28A - 3rd Quarter, 1976
Proposed Construction Date: 28B - 4th Quarter, 1989

Both truck scales consist of a standard highway scale unit of a size and capacity suitable for weighing medium duty highwall coal trucks. Also associated with each scale is a small metal building in which the controls and read-out are located.

The scales weigh the trucks before and after loading to determine the tonnage of coal being sold. They are calibrated and certified by the state at least once each year.

The truck scales are located within the approved surface drainage control area.

3.2.3.34 Explosives Storage

Map Code: 29A
Quantity: 1
Approximate Construction Date: Not Applicable

The explosives storage consists of a prefabricated, skid-mounted sheet metal box measuring approximately 6 feet on a side. It is equipped with a heavy steel door and a lock guard. The explosives magazine is presently located near the scrap yard.

The Emery Mine does not currently use explosives for coal production; however, explosives are used from time to time for special projects. Therefore, only a minimal amount is in storage at a given time.

The explosives storage meets MSHA guidelines and is contained within the surface drainage control area.

3.2.3.34 Explosives Storage

Map Code: 29A
Quantity: 1
Approximate Construction Date: Not Applicable

The explosives storage consists of a prefabricated, skid-mounted sheet metal box measuring approximately 6 feet on a side. It is equipped with a heavy steel door and a lock guard. The explosives magazine is presently located near the scrap yard.

The Emery Mine does not currently use explosives for coal production; however, explosives are used from time to time for special projects. Therefore, only a minimal amount is in storage at a given time.

The explosives storage meets MSHA guidelines and is contained within the surface drainage control area.

3.2.3.35 Gaging Stations

Map Code: 30A and 11B
Quantity: 2
Approximate Construction Date: 2nd Quarter, 1978

The two gaging stations are prefabricated metal buildings measuring approximately 5'x5'x7'. The stations are located at the outer perimeters of the facilities area on Quitchupah Creek and Christiansen Wash, respectively. The stations were constructed by the USGS with Consol's permission and contain various devices (along with equipment located in the streams) to measure the seasonal variations in flow. The USGS originally installed these stations as part of a research project on Emery area hydrology. Consol has made use of the information gathered as part of the mine's required hydrologic monitoring system.

These buildings are not within the surface drainage control area. However, due to their size and purpose, they do not pose an environmental hazard.

3.2.3.36 Coal Stockpile Areas

Map Code: 31A
Quantity: 5
Approximate Construction Date: Not Applicable

Of the five stockpile areas at the mine, two are "live" coal storage stockpiles associated with the tipple reclaim system and the CROM product. The other stockpiles serve as static storage for the CROM and stoker products. The total stockpile capacity at the mine is approximately 55,000 tons of CROM and 7,000 tons of stoker. However, the operator prefers to store about 15,000 tons at a time due to fire and handling problems associated with large stockpiles.

All the stockpile areas are contained within the approved surface drainage control system.

3.2.3.37 Sewage Treatment System

Map Code: 32A
Quantity: 1
Approximate Construction Date: 4th Quarter, 1975

The mine sewage system consists of a 13,500-gallon septic tank, a pump system, and a 30,000-ft^2 leach field. The design capacity of the system is 13,500 gallons per day. The system now processes about 7,000 gallons of raw sewage per day produced from the bathhouses and the office/warehouse. The system was approved for construction by the Utah state department of health on September 22, 1975.

3.2.3.38 Bridge on Quitchupah Creek

Map Code: 33A
Quantity: 1
Approximate Construction Date: 3rd Quarter, 1979

The bridge on Quitchupah Creek is constructed of a multiplate arch on a concrete foundation with concrete wingwalls and is equipped with guard-rails. It is designed to pass 2,230 cfs of water. The bridge was installed to allow access to the stockpile area south of Quitchupah Creek. It replaced two 3-foot-diameter culverts which were determined to be undersized for design flood conditions.

This structure was approved for construction by the Utah State Division of Oil, Gas, and Mining on March 19, 1979.

3.2.3.39 Surface Drainage Control System

Map Code: Shown in Section 13.5
Quantity: 1
Approximate Construction Date: 3rd Quarter, 1979

The surface drainage control system consists of a series of berms which isolate and divert surface drainage from the facilities area away from the creeks and into sedimentation ponds. Pond no. 3 is located in the area south of Quitchupah Creek. It serves as a catch basin to contain and partially settle water from this stockpile area. The water is then passed to a larger pond (pond no. 2) in the facilities area, which also collects water from the remaining surface drainage. This pond is equipped with an oil skimmer and a decant system. The decant of pond no. 2 is the only discharge point for the surface drainage control system. To date, this pond has never been discharged to Quitchupah Creek.

The surface drainage control system was approved by the Utah State Division of Oil, Gas, and Mining on April 16, 1979, and the Utah Water Pollution Committee on May 1, 1979. The large sedimentation pond is also approved for discharge by the Environmental Protection Agency under NPDES permit UT-0022616.

Upon the approval of the preparation plant, a sediment pond will be required to collect surface water runoff from the plant facilities area. The description and design of proposed sediment pond No. 5 should be referred to in Sections 15.3.2.5 and 15.6.2.1.

3.2.3.40 Non-Coal Waste Storage Area

Map Code: 34A
Quantity: 1
Approximate Construction Date: Not Applicable

The non-coal waste storage area consists of two small pits dug into the side of the hill in the stockpile area south of Quitchupah Creek. The pits measure approximately 20'x40'x10'.

Waste materials such as trash, oil cans, timbers, and cement blocks are hauled from the mine and temporarily stored in the two waste pits. Periodically, the material is loaded onto coal trucks and hauled to a private landfill which is not controlled by Consol. Since this practice is very expensive, Consol will probably submit an application to construct a landfill for the mine in the near future.

The pits slope into the hill so that surface water entering the pit is contained. The storage area is within the approved surface drainage control system.

3.2.3.40A Underground Development Waste Disposal Site

Map Code: 34B
Quantity: 1
Approximate Construction Date: Second Quarter 1989

Underground development wastes currently located on the temporary coal stockpile site and any new development wastes generated will be permanently buried in this disposal site. The disposal area is a 2.1 acre site located at the gravel borrow pit on the hilltop east of the northwest coal stockpile area. A complete description of the site is found in Section 3.4.9 Waste Disposal Plans with design information located in Section 13.3.5.

3.2.3.41 Parking Area

Map Code: 35A
Quantity: 1
Approximate Construction Date: Not Applicable

The employee parking area is located near the office and bathhouses and provides ample space for employees and visitors.

The parking area is within the approved surface drainage control area.

3.2.3.42 Mine Yard Roads

Map Code: 36A
Quantity: 4
Approximate Construction Date: Prior to 1975

The mine yard road system is comprised of four (4) sections. Two (2) are Class I roads and two (2) are Class II roads. Each section is located on Plate 3-2. The first section, a Class I road, begins at the mine gate and ends at the warehouse/office building. Section 2, a Class II road, branches off of section 1 and accesses the storage area west of the warehouse/office building. Section 3 is a Class I road which starts at the mine yard and accesses the coal storage area south of Quitchupah Creek. This section crosses an approved bridge over the Creek. Section 4, a Class II road, is located between the tipple stockpile and the ventilation fan building. As-built cross sections for the Class I roads are shown on Plate 13-31.

All of these roads are within the approved surface drainage control area and are periodically watered down during dry weather to prevent fugitive dust.

Revised 3/89

3.2.3.43 Road to the Mine Substation

Map Code: 6B
Quantity: 1
Approximate Construction Date: Prior to 1975

The road to the mine substation is on the canyon top north of the mine. It is used to access the 100,000-gallon water tank and the substation. Consol's control over this road ends at the mine substation.

This road will be used to access the proposed preparation plant facilities area. The design plan to upgrade this structure, the Plant Access Road, is presented in section 15.6.1.4.

3.2.3.44 Road to the Borehole Pump Facility

Map Code: 7B
Quantity: 1
Approximate Construction Date: Prior to 1975

The road to the borehole pump is about 3/4 of a mile north of the mine and branches off of the county road. The road is used to access the mine dewatering pump.

This road is classified as Class II and will require upgrading. Plans for altering the road are located in Section 13.3.

3.2.3.45 Road to the Mine Discharge Sedimentation Pond

Map Code: 8B
Quantity: 1
Approximate Construction Date: 4th Quarter, 1976

This road is about 1/2 mile north of the mine. It was used for access to the mine discharge sedimentation pond, but a culvert which was used to cross Quitchupah was washed out in a flood, thereby making the road impassable.

This road will be used to access the proposed waste disposal facility upon approval of the preparation plant. The design plan to upgrade this structure, the coal refuse haulage road, is presented in section 15.6.1.3.

3.2.3.46 County Roads

Map Code: 9B
Quantity: 2
Approximate Construction Date: Not Applicable

Revised 6/89

There are two county roads which cross the permit area: one is an unimproved road used sometimes by farmers and some mine employees. It originates in the town of Emery and terminates at the second county road, about 1 mile north of the mine. The second county road has a gravel bed and is hard surfaced. It is used by most mine employees and coal haulage trucks. This road starts at State Highway 10, about 3 miles northwest of the mine, and terminates at the mine gate.

Since these roads are owned by Emery County, Consol claims no responsibility for their maintenance, except as they may be affected by mining subsidence.

3.2.3.47 Utah State Highway 10

Map Code: 10B
Quantity: 1
Approximate Construction Date: Not Applicable

Approximately one mile of State Highway 10 crosses the northwest portion of the proposed permit area. This highway is used by a great many vehicles, including Consol's coal haulage trucks as well as trucks from other mines in the area.

Since this highway is owned by the state of Utah, Consol claims no responsibility for its maintenance, except as it may be affected by mining subsidence.

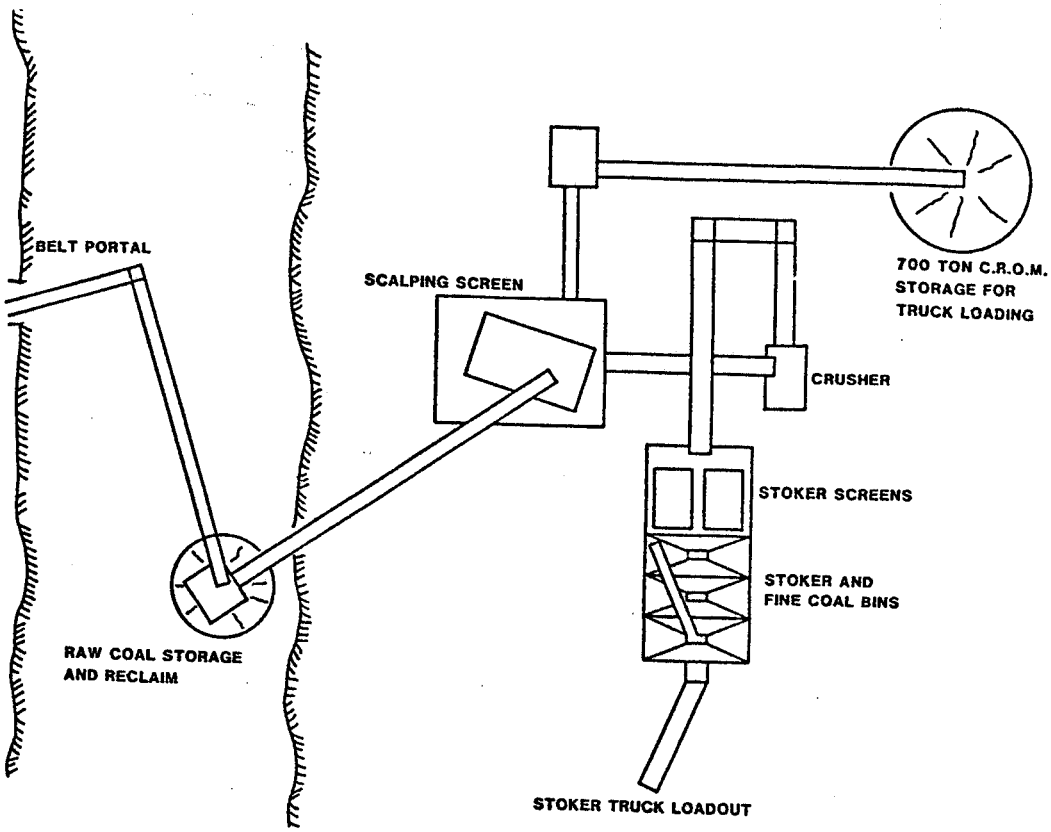
3.2.4 Coal Handling, Processing, Preparation and Storage

A general description of each structure in this category may be found in Section 3.2.3.

Coal exiting the mine via conveyor is transferred to a stacker-reclaim facility which provides about 1,000 tons of surge capacity. From here the coal is processed through the tipple, which serves only to size the product into stoker coal (1¼"x5/16") and steam coal (1¼"x0", termed "crushed run-of-mine, or CROM). The stoker product is transferred to bins at the tipple. Trucks may be loaded at the bins for transporting or stockpiling. The CROM product is allowed to dump into a "live" stockpile at the tipple, where trucks are loaded using a payloader.

Coal haulage trucks are provided by an outside contractor. If enough trucks do not arrive on the property to haul the day's production, the coal is stockpiled in the mine yard.

The stacker-reclaim system, tipple, and stockpiles are all within the approved drainage control system. A schematic diagram of the coal processing circuit is shown on Figure 3-1.



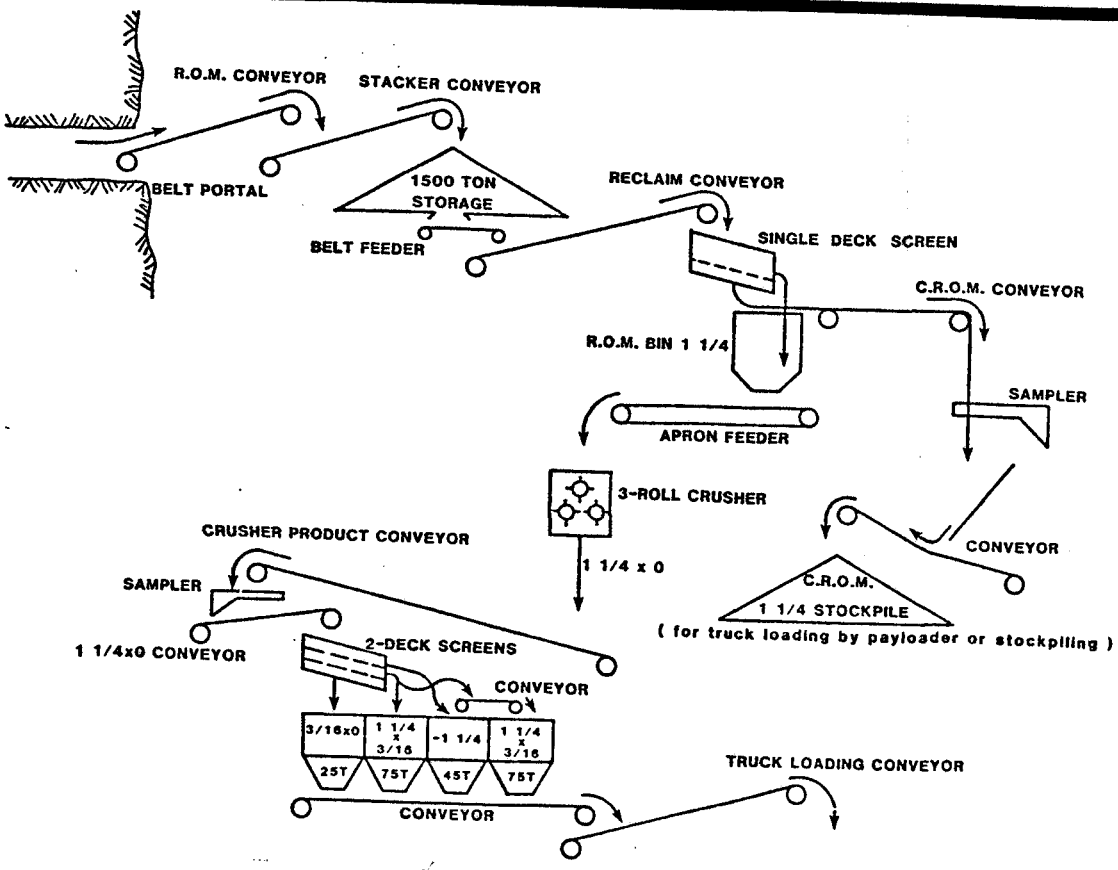


FIGURE 3-1

EMERY MINE TIPPLE LAYOUT AND CIRCUIT SCHEMATIC

3.2.5 Power System, Transmission Lines, Substations, and Mine Feeders

The power system at Emery Mine consists of two circuits, surface distribution, and underground distribution. Both circuits are 4160 VAC distribution and fed from the mine substation.

The mine substation consists of a 5 MVA, 69 KV to 4.16 KV Westinghouse transformer, with fused disconnects on the 69 KV side. The secondary of the transformer is resistance grounded. Each of the circuits leaving the substation, surface distribution and underground distribution, are fed through oil circuit breakers and metered for phase overcurrent and ground fault. In addition, the underground distribution circuit has ground check monitoring and ground current monitoring.

3.2.5.1 Surface Distribution

The surface distribution comprises two circuits, both of which initiate at the substation through common fused disconnects. The first circuit runs northeast from the substation to the borehole pump. The pump at the borehole is supplied by a 150 KVA bank of three single phase transformers. The transformers have fused disconnects to the 4160 VAC line.

The other circuit runs south to the base of the canyon where it splits into two branches. One branch follows the canyon to the east to feed the mine exhaust fan. There are two loads at the mine fan--the main fan with a 600 Hp, 4160 VAC motor and an auxiliary fan with a 150 Hp, 480 VAC motor. The smaller fan is supplied by a 150 KVA bank of three single phase transformers. Both the transformer bank and the 600 Hp motor have high voltage protection from independent fused disconnects. The other branch runs to the 500 KVA tipple substation, a 100 KVA single phase transformer, and a buried feeder cable. Each of the three loads have high voltage protection through fused disconnects.

The tipple substation supplies 480 VAC and 240 VAC three phase power to the tipple and associated equipment. The 100 KVA transformer supplies 120/240 VAC single phase power to the tipple area flood lights and low voltage service power to the area offices and shops.

The buried feeder cable runs from the tipple substation to the warehouse substation with a branch cable spliced to it at the stoker oil heater to power a 150 KVA power center. The power center supplies three phase 480 VAC power to the oil heater and the reclaim escape tunnel heater. The warehouse substation consists of a 150 KVA bank of three single phase transformers supplying 120/240 VAC power to the shop/office/warehouse building; a 75 KVA single phase transformer supplying 120/240 VAC power to area floodlights, two bathhouses, truckscale and R/O building; and 100 KVA three phase transformer supplying 480 VAC power to the shop, R/O building and sewer pump house. All transformers have fused disconnects to the 4160 VAC line.

3.2.5.2 Underground Distribution

The underground distribution runs from the substation in a buried cable to the top of the canyon wall. The same cable is then run to the portal circuit breaker and hung on a messenger cable. Another cable enters the mine from the output of the circuit breaker. Plate 4-4 shows the major power transmission lines in the permit area.

3.2.6 Water Supply System

Since the Emery Mine produces large quantities of water (±250 gpm), it has been very convenient and efficient to use the mine water for machinery underground and on the surface. The source water is now drawn from sealed-off areas in the mines outby regions and is gravity fed through pipelines into a 1500-gallon surge tank. From here water is pumped to a 6-inch bidirectional pipeline that feeds water to the sections and a 100,000-gallon tank on the surface. When no water is being pumped, or when the section demand is greater than the quantity of water being pumped, the flow is compensated by the 100,000-gallon tank.

Water for the surface facilities is also retrieved from the 100,000-gallon tank. Most of the surface use is for the bathhouses and offices. Other uses include dust control, fire protection, and irrigation of the berms.

Water used in the bathhouses and offices is first chlorinated, then processed through a reverse osmosis machine to lower TDS concentration. The reverse osmosis is capable of producing 12 gpm of clean water with a 50% reject rate. The actual daily usage is approximately 7,000 gallons. Reject, or brine, from the reverse osmosis process is pumped to an evaporation lagoon outside of the mine facilities area.

Although this system has worked quite well in the past, the mine's clean water needs are beginning to exceed the quantity of source water available. Therefore, Consol plans to link the fresh water system to the mine discharge system, thereby tripling the possible amount of water available for surface and underground usage.

This change would involve connecting the two systems via a pipeline at a strategic underground location. A series of automatic valves would be used to direct the mine discharge flow into the fresh water circuit whenever it becomes necessary. A hydrocyclone will be installed in the connecting line to remove most of the particulate matter in the mine discharge flow. Since this change is internal to the overall mine water system, there will be no net change in the quantity or quality of water discharged from the mine. A schematic diagram of the present and proposed mine water system is shown on Plate 3-4.

The regulatory authority have expressed some concerns about the evaporation lagoon, i.e., the slopes are too steep and the lagoon should be vegetated. Rather than incur the expense of rebuilding this structure which is already vastly over-designed, Consol proposes to reclaim the lagoon and divert the reverse osmosis waste water to the mine discharge sedimentation pond (pond no. 1).

It should be noted that the brine from the reverse osmosis (R/O) contains only dissolved solids and should only increase the TDS of the sedimentation pond discharge by 1.9%.

3.2.7 Sewage System

The sewage system constructed in October, 1975 at the Emery Mine consists of a septic tank, pump house, and a leach field, installed to dispose of domestic waste from the offices and bathhouses. The system has a liquid capacity of 13,500 gallons per day. This will allow for over 300 employees at an average water usage of 40 gallons per man per day. The mine now employs only 158 personnel.

The septic tank has a capacity of 13,500 gallons and is designed as a primary settling unit for the raw sewage. The tank must be pumped out periodically to dispose of solid waste accumulations. Liquid flow from the septic tank goes to a covered concrete sump where two pumps rated at 200 gpm are located. The pumps are used to transport liquid waste through a 4-inch PVC pipe to the leach field, a distance of 800 feet. This pipeline is protected where it crosses under the mine road by an outer pipe made of cast iron.

The leach field has 30,000 ft^2 of absorption area, consisting of a 4-inch PVC mainline with 4-inch perforated PVC pipes extending perpendicular from it every 6 feet to the field perimeters. These lines are set 2 feet 2 inches below the surface and centered in 1 foot 5 inches of gravel. The gravel is covered with a straw barrier and 1 foot 7 inches of fill. The maximum percolation rate in the absorption bed was 17.78 minutes per inch; however, the system was designed for a seepage rate of 30 minutes per inch, or .456 gallons per square foot per day. The measured groundwater level in the area is 40 feet below the surface; the anticipated maximum should not exceed 30 feet. A schematic diagram of this system is shown in Figure 3-2.

The sewage system was approved by the Utah state health department on September 22, 1975.

3.2.8 Water Diversion Structures

Currently, there are no water diversion structures for the existing Emery water management plan (except berms and culverts used for surface drainage control, discussed in section 3.2.9).

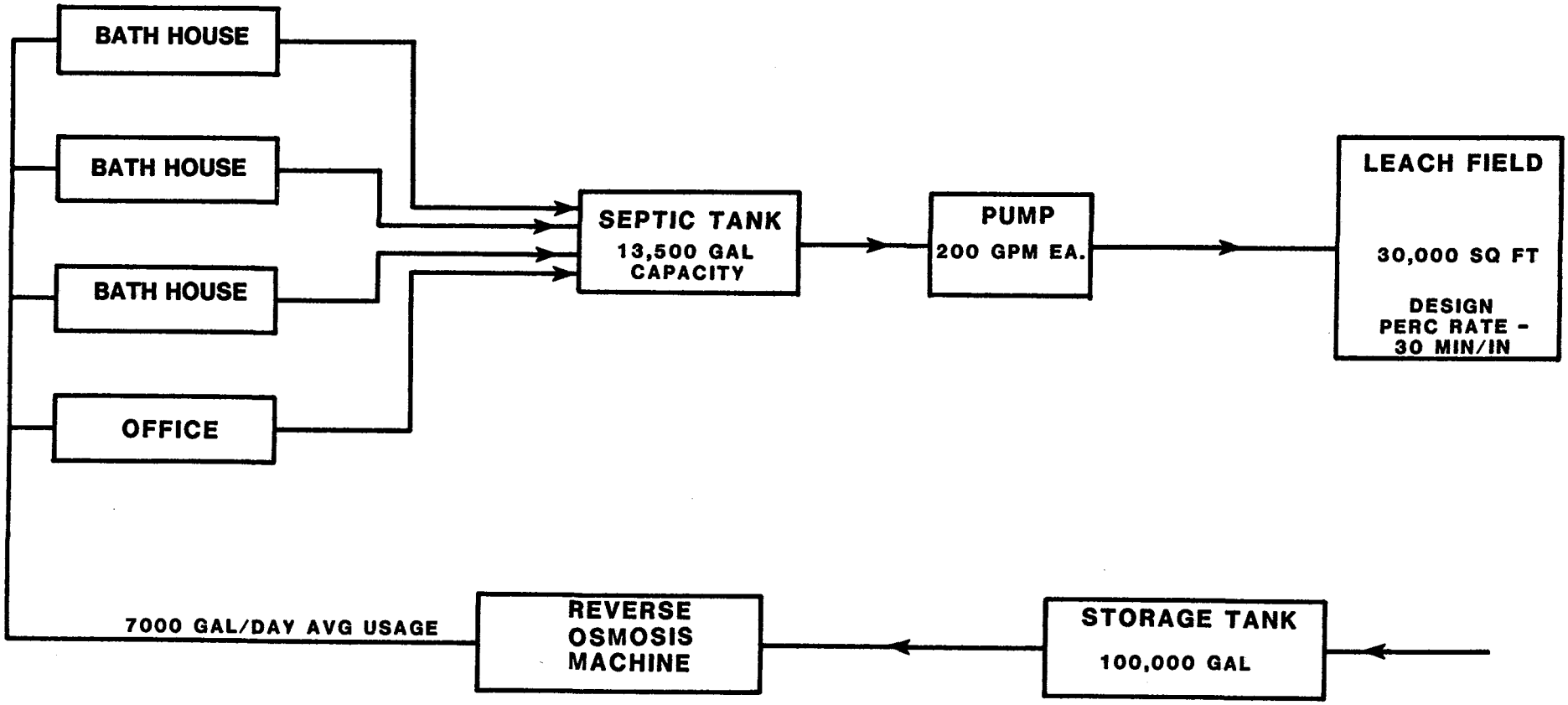


FIGURE 3-2

EMERY MINE WATER TREATMENT AND SEWAGE DISPOSAL SCHEMATIC

Proposed diversion structures for the operation of the preparation plant facility are described in section 15.3.2.5.

3.2.9 Sedimentation Control Structures and Water Treatment Facilities

The Emery Mine has two types of sedimentation control systems: 1) sedimentation control of the surface facilities area; and 2) sedimentation control of the mine water discharge. The plan description of each system is discussed here in detail. The structure location should be referred to on Plate 13-1.

The proposed sedimentation control system for the preparation plant is described in section 15.3.2.5 and should be referred to.

3.2.9.1 Sedimentation Control of Drainage in the Mine Facilities Area

In the second quarter of 1978, Consol employed D'Appolonia Consulting Engineers to design a sedimentation control system for the Emery Mine surface facilities area. The design calculations, specifications and construction drawings provided by D'Appolonia are presented in Chapter 13.

The existing system effectively controls surface water drainage in two areas. The Main Sedimentation Pond, or pond no. 2, provides control for the area north of Quitchupah Creek while the area immediately south of Quitchupah is served by the Secondary Sedimentation Pond, or pond no. 3. The north and south areas are connected by a road and bridge which cross the creek.

A series of berms are utilized to isolate and divert surface drainage from the facilities area, away from Christiansen and Quitchupah Creeks, and into the sedimentation structures. Plate 13-3 illustrates the components of this drainage plan. Arrows indicating the direction of flow of surface water runoff are shown for convenience.

Sediment pond no. 3 serves as a catch basin to contain runoff from this small watershed in which the stockpile area is located. The partially settled water is gravity fed to pond no. 2 by means of a 6-inch PVC line.

In addition to northern facilities area drainage and pond no. 3 discharge, sediment pond no. 2 also collects haulroad runoff. Where the berms cannot effectively direct disturbed area runoff to this pond, provisions have been made to catch the runoff in evaporative holding basins. The small amount of runoff quickly evaporates from the depression area, effectively providing complete sediment control for the surface facilities area.

The main sedimentation pond discharges the settled water to Quitchupah Creek by means of a decant system, after an appropriate detention time. To date, this NPDES point has never discharged. The pond is also equipped with an oil skimmer and overflow spillway.

The overall cost of constructing the sedimentation structures was nearly $250,000, over half of which can be attributed to establishing vegetation on the berms.

3.2.9.2 Sedimentation Control of Mine Discharge

Water produced in the mine is brought to the surface by a multistage downhole turbine pump (4B1). Water travels through a buried 8-inch PVC line to this existing sedimentation pond (pond No. 1). An additional borehole pump (4B2) was installed in December 1986 to facilitate water management within the mine. A 10-inch, buried PVC line was laid from pump (4B2) to existing sedimentation pond No. 1. A third borehole pump identified as 4B3 was drilled and installed in December 1988. This pump will discharge through a buried 10 inch line to sedimentation Pond No 6.

The effluent of the R/O system is currently discharged into an evaporation lagoon. A reclamation plan has been submitted for the structure. Upon abandonment of the lagoon the 2-inch pipeline will be extended to mine discharge sedimentation pond No. 1.

Sedimentation pond No. 1 has a design storage volume of 19.3 acre-feet and is about 1 mile northwest of the mine. The pond discharges into an unnamed tributary of Quitchupah Creek. (Refer to Plate 13.1). Sedimentation pond No. 6 has a design storage volume of 10.2 acre-feet and also discharges into an unnamed tributary of Quitchupah Creek. (Refer to Plate 13-5B).

Design information and monitoring data pertinent to the sedimentation ponds are in Sections 13.3.2 and 13.3.2A.

Upon the approval of the preparation plant, clarified water from this pond will be discharged into the proposed make-up water sump located between this structure and the proposed slurry impoundment. Clarified water will be pumped back to the plant for reuse, as required. Refer to section 15.3.3.2.

3.2.9.3 Alternate Sedimentation Control for Small Areas

Surface drainage from the following facilities is not passed through a sedimentation pond. Consol believes since alternate sediment control measures are proposed or have been implemented, that runoff from these small areas will meet all applicable state and federal effluent limitations and therefore requests that these areas be granted a sedimentation pond exemption in accordance with UMC 817.42(a)(3)(ii)(A). The nine (9) sites listed comprise a total of 12.13 acres. Presently a total of 40 acres are disturbed by the mining operation.

Summary of Sites
Alternate Sedimentation Control for Small Areas

	Site	Area (acres)	Description
1.	Borehole Pump 4B3 and Pond Facility	3.46	Sedimentation control for the borehole, pump drive and soil stockpiles from the pond site is provided by four foot high containment berms around the soil stockpiles and by a two foot berm south of the borehole and pump drive structure.
2.	Fire Control Area	0.07	Area consists of 32 injection boreholes with each approximately 10 ft x 10 ft in size. The overall area is outlined on Plate 3-3. Sedimentation control is provided by very low relief and adequate vegetative cover.
3.	Subsoil Stockpile	1.88	The stockpile is located along side of the diversion ditch and near borehole 4B2 on a 40 ft x 2050 ft strip of land identified on Plate 3-3. The stockpile is vegetated and bermed.
4.	Borehole Pump 4B1	0.11	Sediment control is provided on the 50 ft x 100 ft area by vegetative cover combined with very low relief. The site is located on Plate 3-3.
5.	Borehole Pump 4B2	0.92	Sediment control is provided on the 200 ft x 200 ft area by vegetative cover combined with very low relief. The site is located on Plate 3-3.
6.	Catch Basin (West of Office)	3.70	The catch basin is identified on Plate 13-3. The depression will contain the expected runoff from a 25 year 24 hour storm event, while climatic conditions are adequate to evaporate any collected runoff.

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	Site	Area(acres)	Description
7.	Catch Basin (Near Pond 2)	0.38	The catch basin is identified on Plate 13-3. The depression will contain the expected runoff from a 25 year/24 hour storm event, while climatic conditions are adequate to evaporate any collected runoff.
8.	Vegetation Test Plot	0.23	The 100 ft x 100 ft test plot is located near the mine access road west of the scale house and is identified on Plate 3-3. Effective sediment control is provided by vegetative cover combined with very low relief.
9.	Topsoil Stockpile	1.38	The 200 ft x 300 ft topsoil stockpile located near the diversion ditch and borehole pump 4B2 is identified on Plate 3-3. The stockpile is bermed and vegetated.

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3.2.10 Transportation, Roads, Parking Areas

Descriptions of the roads and parking areas associated with the mine are found in Sections 3.2.3.41 through 3.2.3.47. Three of the area roads are considered Class II and must be either reclaimed or upgraded.

Plans for the upgrading of the borehole pump road are in section 13.3.4. The sedimentation pond road and substation road will be used as access to facilities for the proposed preparation plant. The upgrade designs are discussed in Section 15.3.2.2.

3.2.11 Permit Term and Life of Mine Affected Surface Areas

This information is shown on Plate 3-1.

3.2.12 Detailed Construction Schedule

The reconstruction plans for the roads and the R/O waste treatment system were discussed earlier. The reconstruction will be finished within the year following the approval of the reconstruction plans.

The proposed preparation plant facility construction schedule is presented in section 15.3.2.7.

3.3 Operation Plan

3.3.1 Mining Plans

Two of the five seams occurring in the plan area are determined to be commercially minable. These seams are termed the I zone and the A seam. The I zone is the second seam from the surface; the A seam is at the bottom of the stratagraphic section. The seams are separated by 100 to 200 feet of interburden, and overlie each other in certain areas.

Coal is now being taken from the I zone at the Emery Mine. The 5-year permit is concerned with mining only in this area. The areas of extent for the future A seam mines are shown on Plate 3-5. The A seam mines will be permitted and opened within the next few years, depending upon market conditions.

It may be noticed that the I zone mine will overlie the A seam mine in certain areas. To avoid difficulties in mining either the A seam or the I zone, the I zone must be mined out first in this area. However, the installation of a coal washing facility will be a necessary prerequisite in order to access the southern reserve, since the seams contained in the I zone begin to diverge here. As a consequence, the timing of the A seam mine is dependent upon the completion of the I zone mine in this area.

3.3.1.1 Orientation and Multiple Seam Considerations

The constraints used to determine the optimal plan for the I zone mine were:

1. Property ownership boundaries.
2. Outcrop boundaries.
3. Strip area boundaries.
4. Orientation of the present workings.
5. Coal quality.
6. Coal thickness.
7. Parting thickness.
8. Economics

The I zone mine is flanked by property boundaries and the Joe's Valley fault to the east and the outcrop and Strip Area I boundaries to the west. The north and south extremities of the mine were determined by the occurrence of economically minable coal. The I zone begins to split and pinch out in both of these areas.

3.3.1.2 Portals, Shafts, and Slopes

The portals for both the I zone and A seam mines are shown on Plate 3-5. The portals for the I zone mine are also shown on Plate 3-2 of the surface facilities.

All of the present and proposed portals for the deep mines will be drift openings at the outcrop of the seams. These openings will consist of at least two intake portals, a return portal, and a belt portal. It may be necessary in the future to install ventilation raises in other areas of the property; however, these locations are not known at the present time.

A new set of portals will be installed for the southern main entries of the I zone mine, probably within the next two years. Because these openings must be driven through approximately 600 feet of burn, they will be started from the outside. This will require that most of the development rock be disposed of on the surface. Analyses and descriptions of this material are contained in Chapter 6. Consol is not applying for a permit to construct these portals at this time. An application for the construction and waste disposal permit will be submitted to the regulatory authority at a future date when final plans have been developed.

3.3.1.3 Mining Methods

The current method of coal removal at the Emery Mine is the room and pillar method using continuous mining equipment. The mine does not use maximum extraction techniques, but instead uses a system of partial secondary extraction which leaves the roof intact (see Figures 3-3, 3-4, 3-5 and 3-6).

The primary reasons for using partial extraction are 1) the stability of the main roof is uncertain; 2) the personnel at the mine are inexperienced in full pillar recovery; and 3) the effect of full pillar extraction upon the Ferron aquifer is uncertain. Consol's hydrologic consultants are currently investigating the possible impacts of maximum extraction upon the main roof and the aquifer and the degree of increased water inflow into the mine. It is hoped that methods may be devised to minimize the impacts upon the area hydrology under maximum extraction. When Consol's findings are finalized, an adendum to this permit application will probably be submitted to the regulatory authority to incorporate maximum extraction techniques, such as full pillar recovery or longwall mining. Until such time as the environmental and operational effects of increased recovery may be properly evaluated, Consol will continue to recover as much of the resource as possible while maintaining the integrity of the overlying strata and, therefore, the surface.

3.3.1.4 Projected Mine Development

Plate 3-6 shows the projected mine development for the I zone. The mine will be developed with two sets of mains. One set will access the reserve south of the present workings, and the other will access the north reserve. These mainline entries will be connected by submains for panel development. Eventually, all coal haulage and most ventilation will be supplied by the south mains. The mining schedule over the next five years is shown on Plate 3-7.

3.3.1.5 Retreat Mining

As discussed earlier, production panels are retreat mined using partial extraction. However, this permit will be amended for full extraction after all the applicable parameters have been investigated. Also, as an area becomes mined out, the mains and submains accessing that region will probably be extracted.

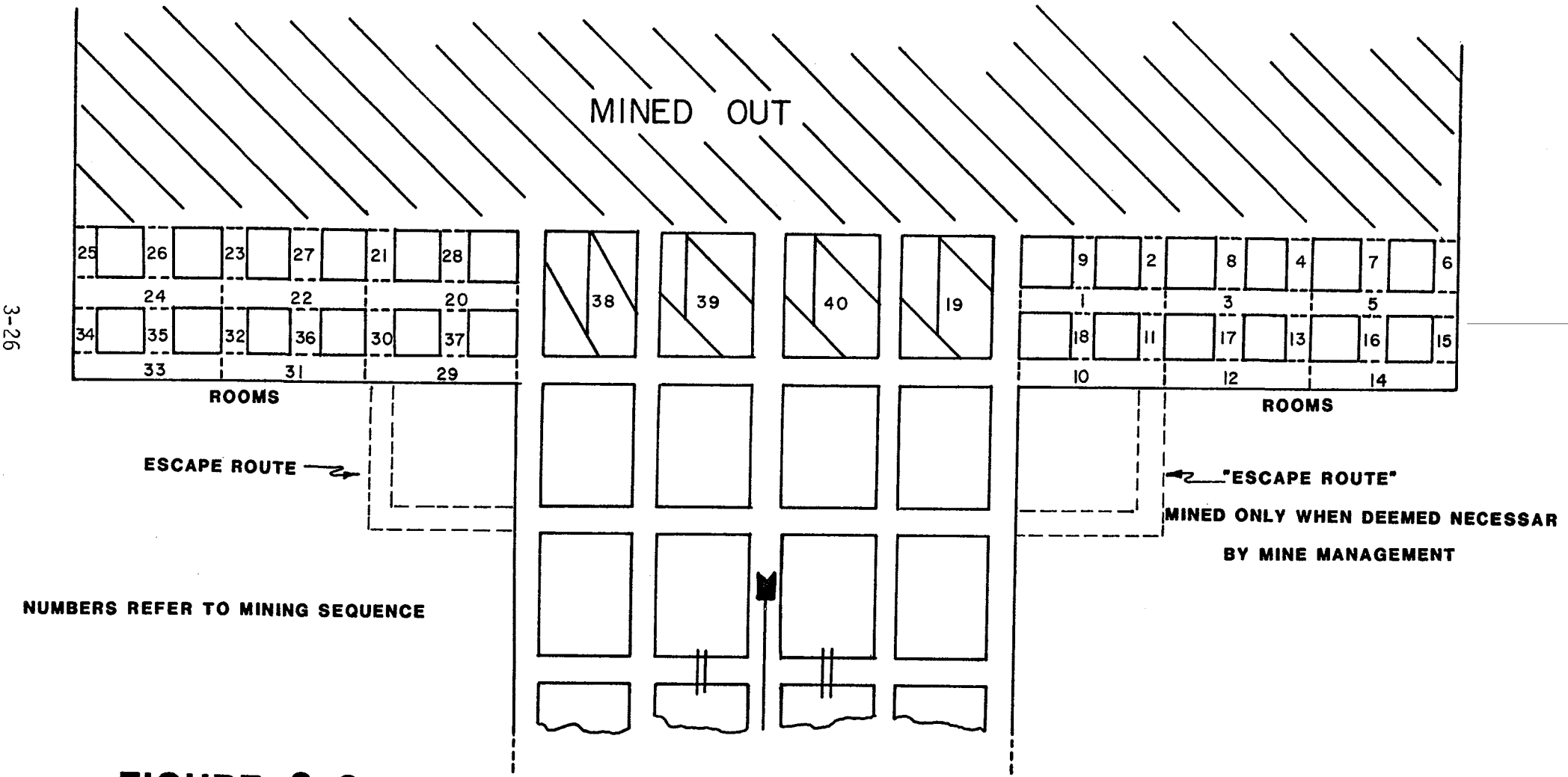


FIGURE 3-3

TYPICAL SEQUENCE OF SECONDARY EXTRACTION - METHOD #1

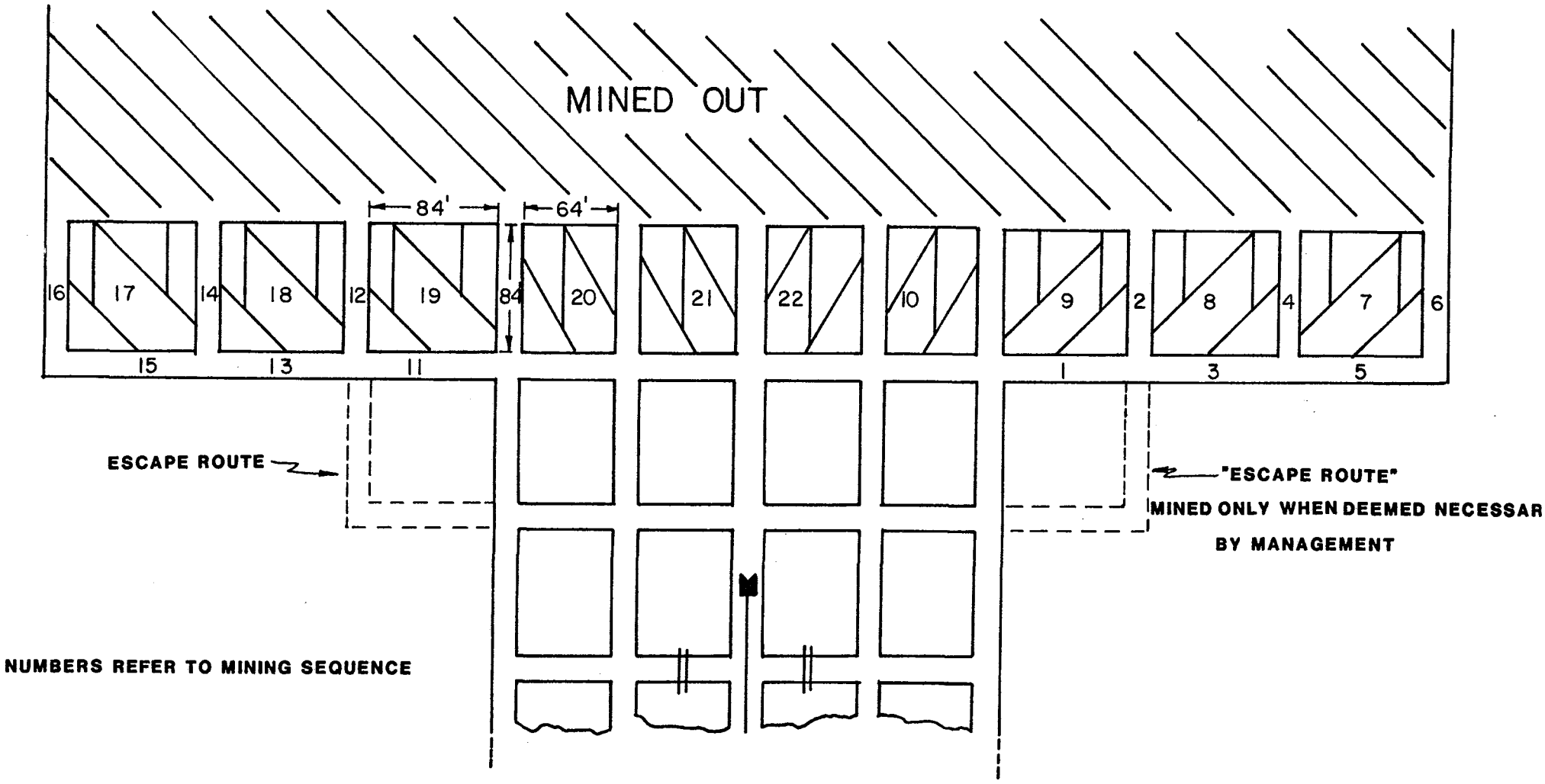
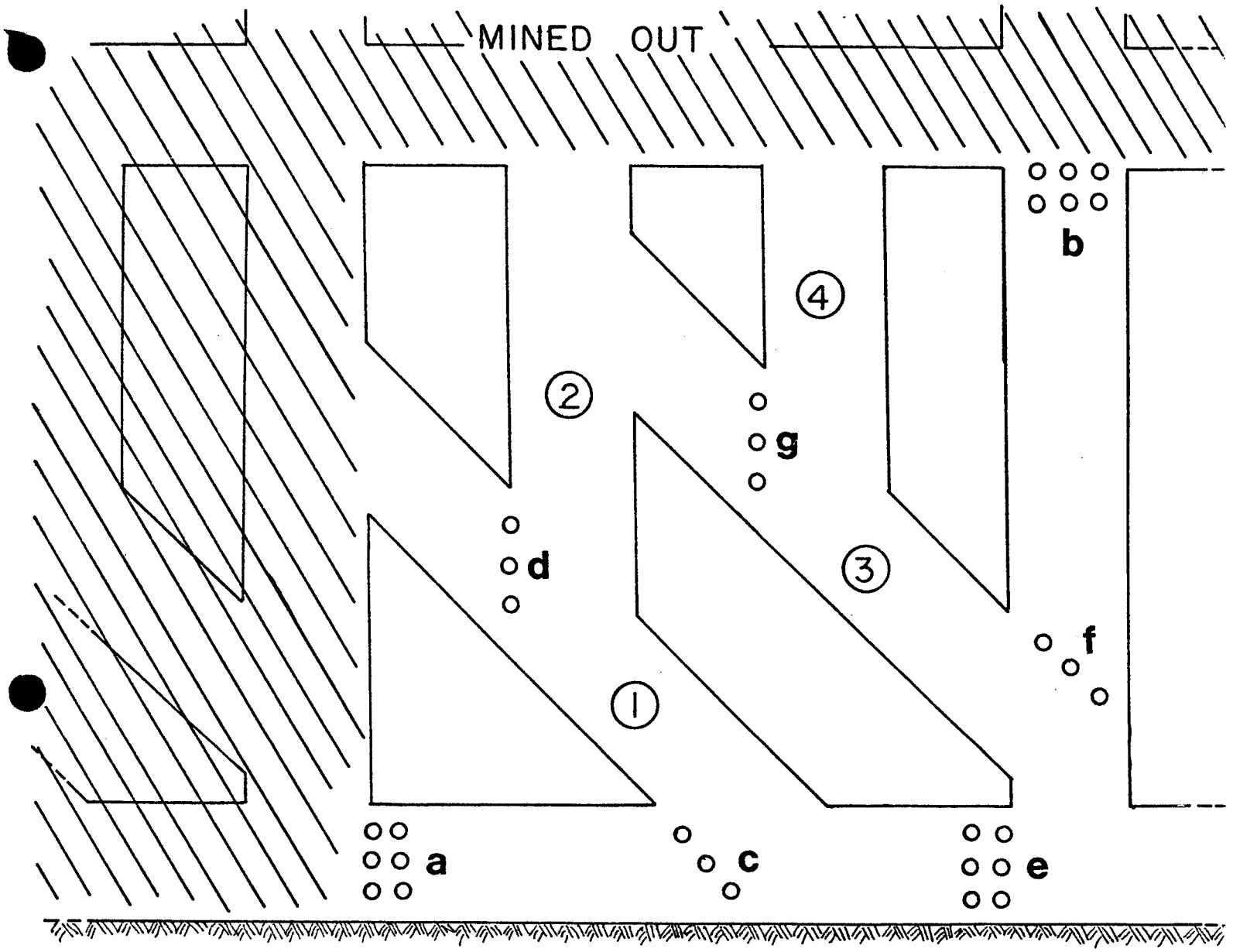


FIGURE 3-4

TYPICAL SEQUENCE OF SECONDARY EXTRACTION - METHOD #2

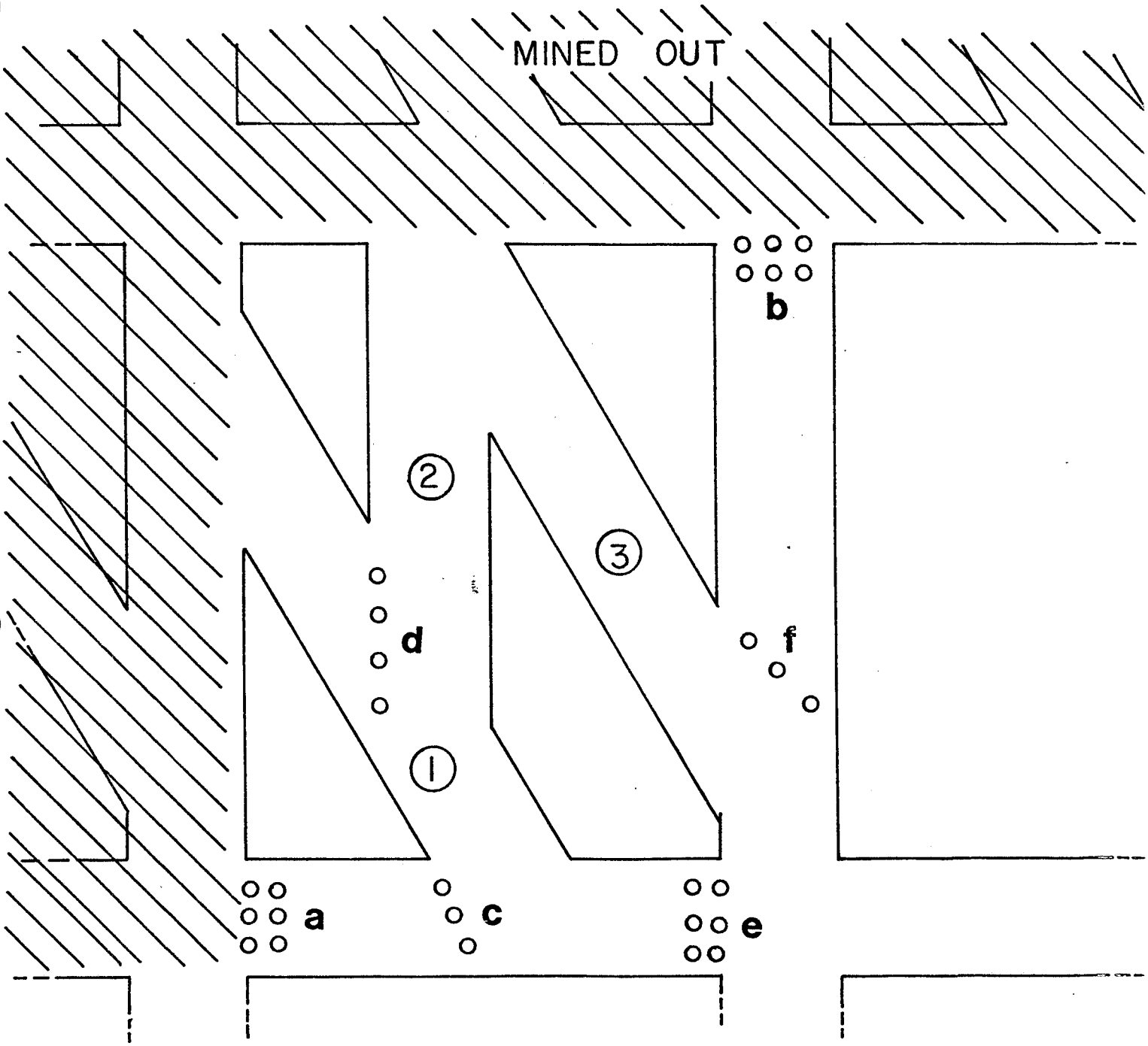


SEQUENCE OF MINING:

1. Install breaker post sets (a) and (b) and radius posts (c)
2. Mine split #1
3. Install radius posts (d)
4. Mine split #2
5. Install breaker posts (e) and radius posts (f)
6. Mine split #3
7. Install radius posts (g)
8. Mine cut #4

FIGURE 3-5

TYPICAL SECOND MINING OF ENTRY PILLARS MEASURING 100' X 100' (CENTER TO CENTER)



SEQUENCE OF MINING:

1. Install breaker posts (a) and (b) and radius posts (c)
2. Mine split #1
3. Install radius posts (d)
4. Mine split #2
5. Install breaker posts (e) and radius posts (f)
6. Mine split #3

FIGURE 3-6

TYPICAL SECOND MINING OF ENTRY PILLARS MEASURING 100' X 80' (CENTER TO CENTER)

3.3.1.6 Mine Subsystems

The following sections discuss the various mine subsystems, such as ventilation, roof control, electrical, etc. All of the systems included here refer only to the existing Emery Mine.

Ventilation

Ventilation for the Emery Mine is achieved using an exhaust system. The negative pressure differential between the intake and return portals is supplied by a Jeffery 8H096, 96 inch axial flow fan. An auxiliary 54 inch axial flow fan is connected in parallel with the main fan and is equipped with an emergency diesel power unit. At present, the mine ventilation characteristics are 308,000 CFM at 2.60 inches water-gauge.

Section ventilation is usually augmented by the use of a portable 50 horsepower axial flow fan rated at 22,500 CFM.

All ventilation systems at the mine are approved by MSHA, including the use of diesel equipment. Figures 3-7, 3-8, 3-9 and 3-10 show typical ventilation systems in use at the mine.

Roof control

The Emery Mine is currently approved by MSHA to use "spot" roof support. The types of support in use include fully grouted resin rods, point anchor resin rods, truss bolts, and conventional. The type of support used depends upon the roof conditions, but generally only one support system is used in any given location. Figures 3-11 and 3-12 show typical roof support installations.

Mine dewatering

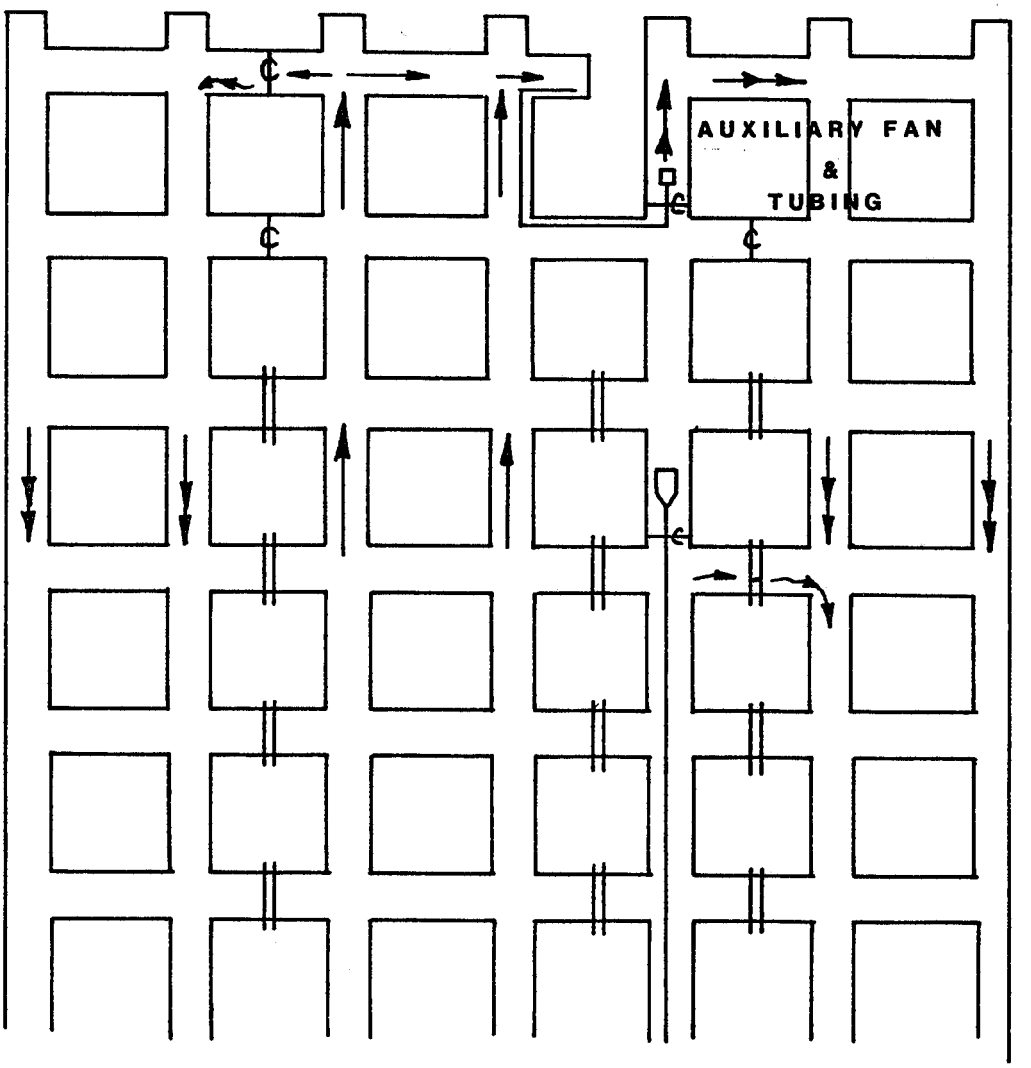
Where possible, submains and panel sections are planned so that maximum use may be made of gravity drainage. In general, the panel sections are allowed to drain to a sump located down dip near the entrance to the section. The sump is connected to a main dewatering pipeline in the submain which transports the water to the main sump. From the main sump, a centrifugal pump transfers the water to a secondary sump located directly below the borehole pump. The borehole pump draws water from the secondary sump to the surface and transports it to the mine discharge sedimentation pond where the suspended solids are removed. The water is then discharged into an unnamed tributary of Quitchupah Creek. Plate 3-4 is a schematic diagram of the entire water system.

Fresh water system

The mine fresh water system is discussed in detail in Section 3.2.6.

Mine electrical

Underground electrical power is brought from the mine substation to a switch house located just outside the access portal. From here 4160 VAC power is taken underground via the mine feeder cable. At periodic locations enroute to the sections, the mine feeder is routed through transformers to provide power for belt drives.

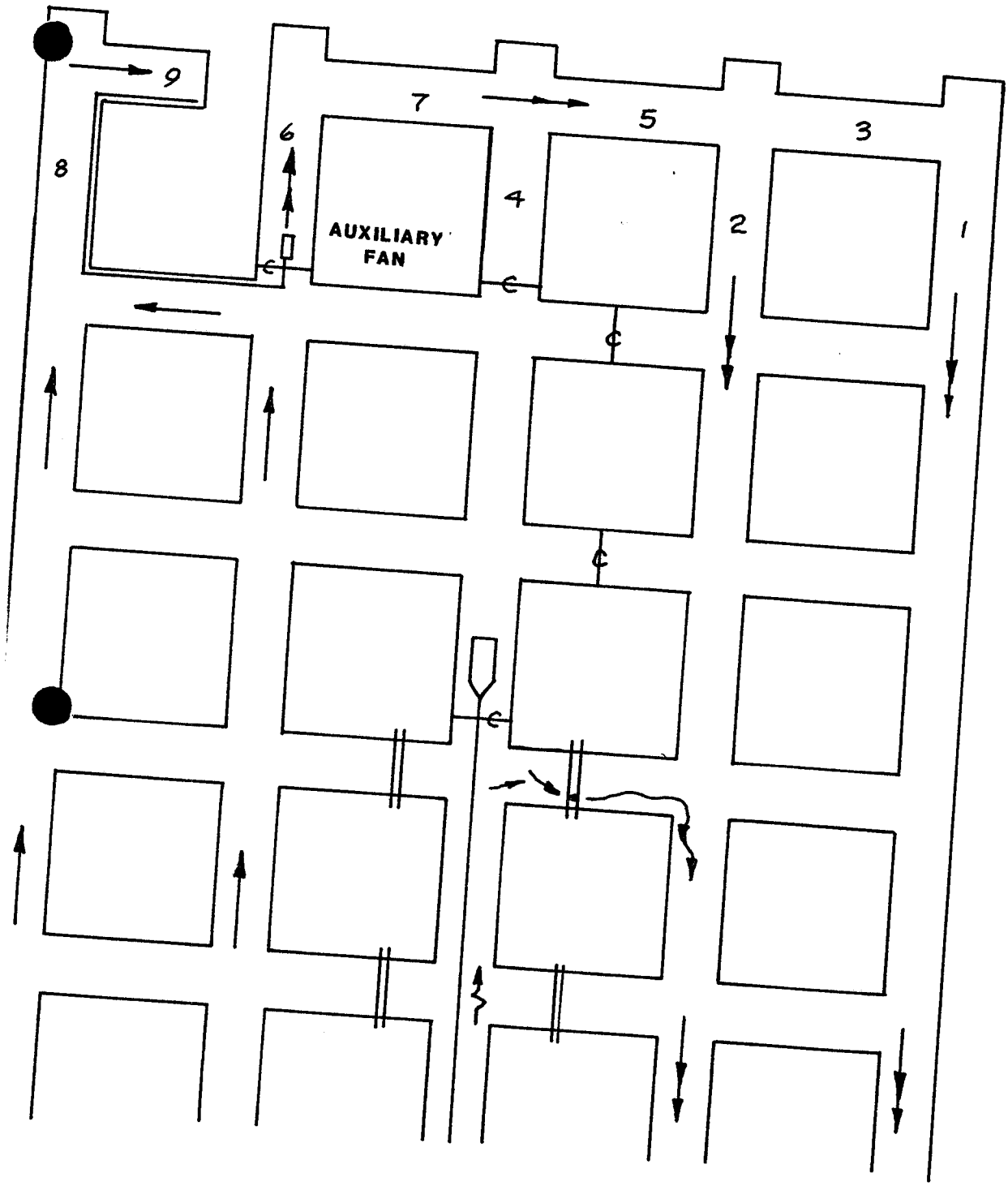


LEGEND

- INTAKE AIR
- RETURN AIR
- STOPPING
- CURTAIN

FIGURE 3-7

TYPICAL FACE VENTILATION OF A MAINLINE SECTION

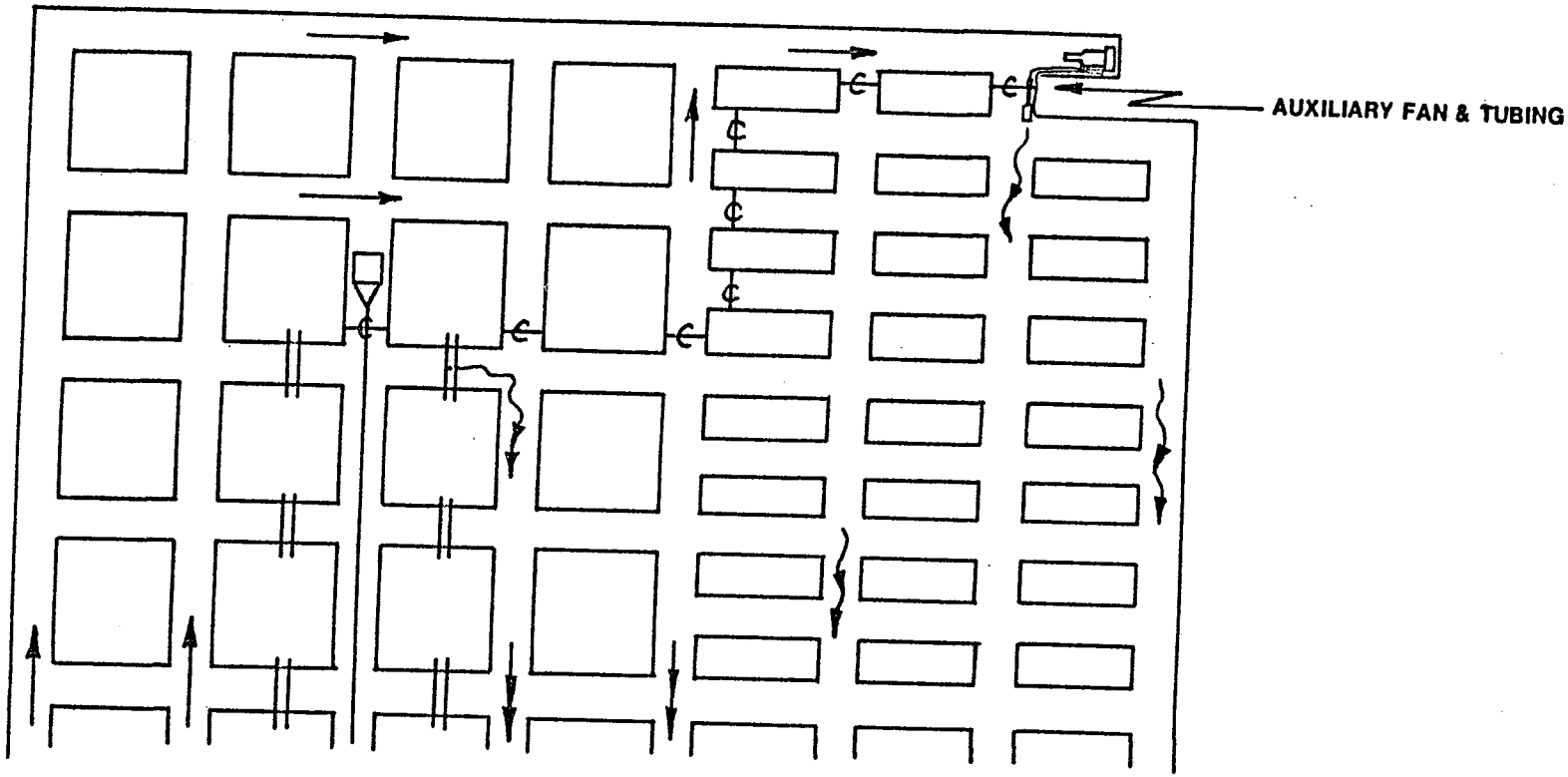


LEGEND

- INTAKE AIR
- RETURN AIR
- REDUCED INTAKE AIR
- STOPPING
- CURTAIN

FIGURE 3-8

TYPICAL FACE VENTILATION OF A FIVE ENTRY SYSTEM



LEGEND

- INTAKE AIR
- RETURN AIR
- STOPPING
- CURTAIN

FIGURE 3-9

TYPICAL FACE VENTILATION -ROOMS WORKED ON ADVANCE

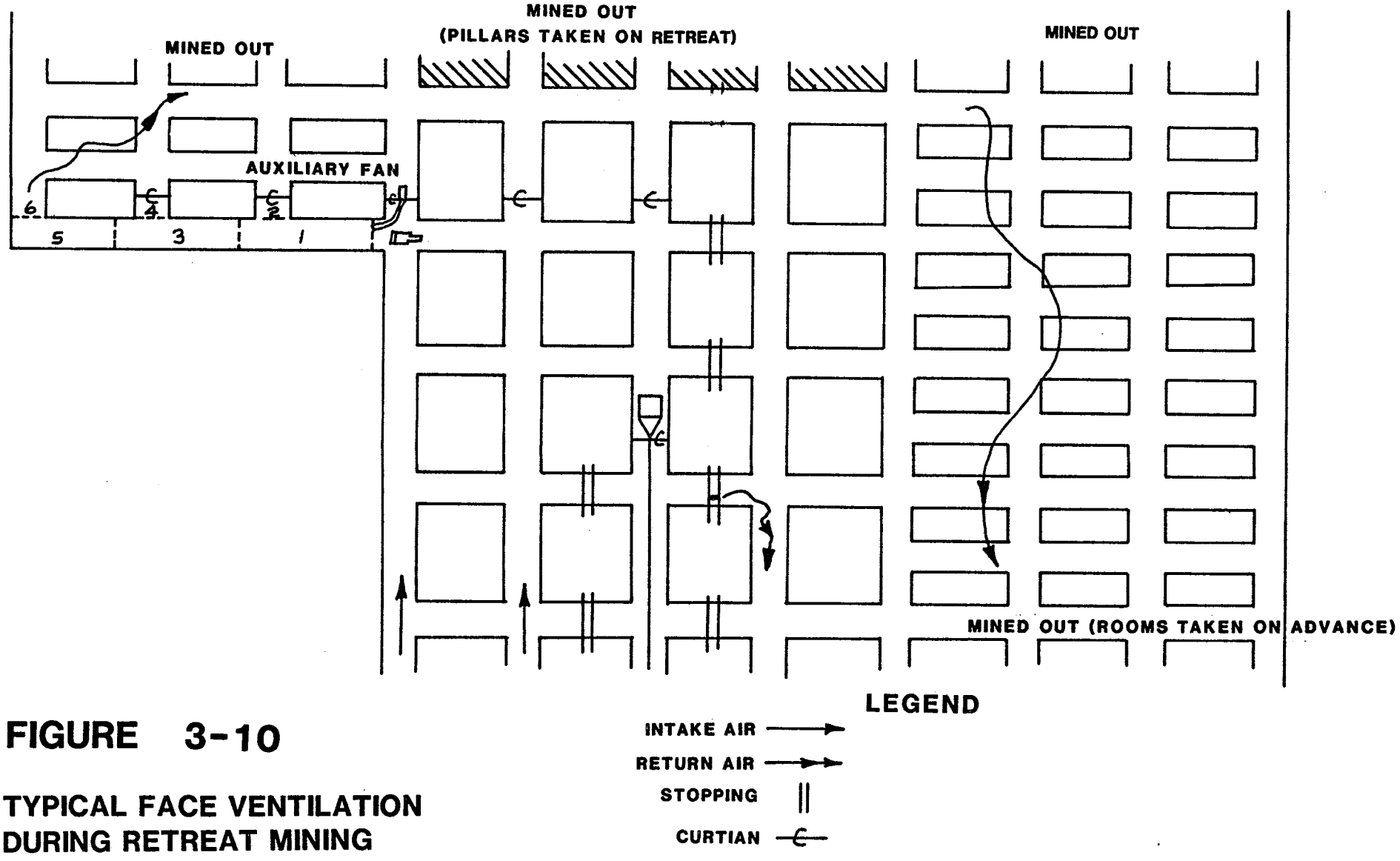
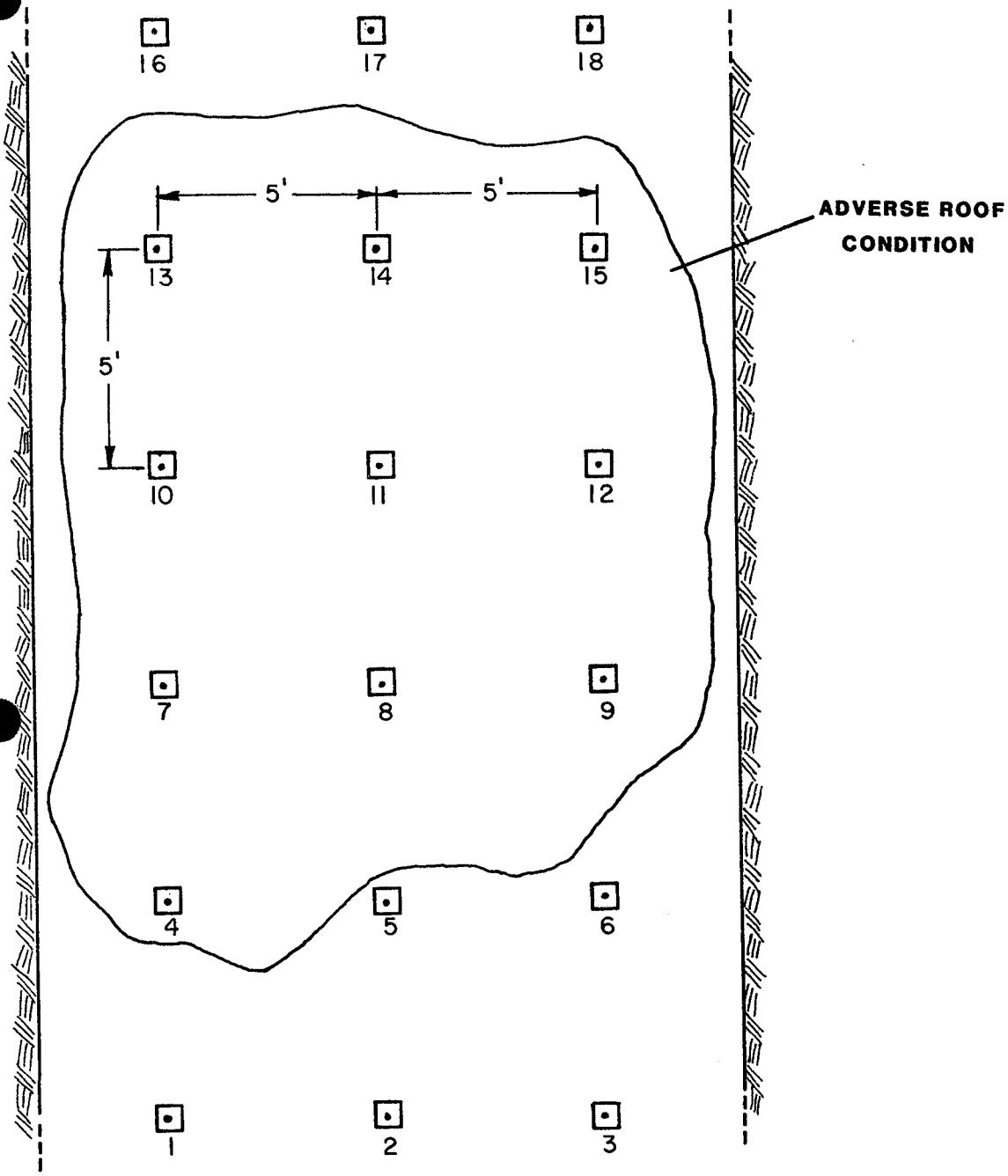


FIGURE 3-10

TYPICAL FACE VENTILATION DURING RETREAT MINING



:QUENCE OF BOLT INSTALLATION

RE 3-11

L VERTICAL ROOF BOLT SUPPORT AT SPOT LOCATIONS

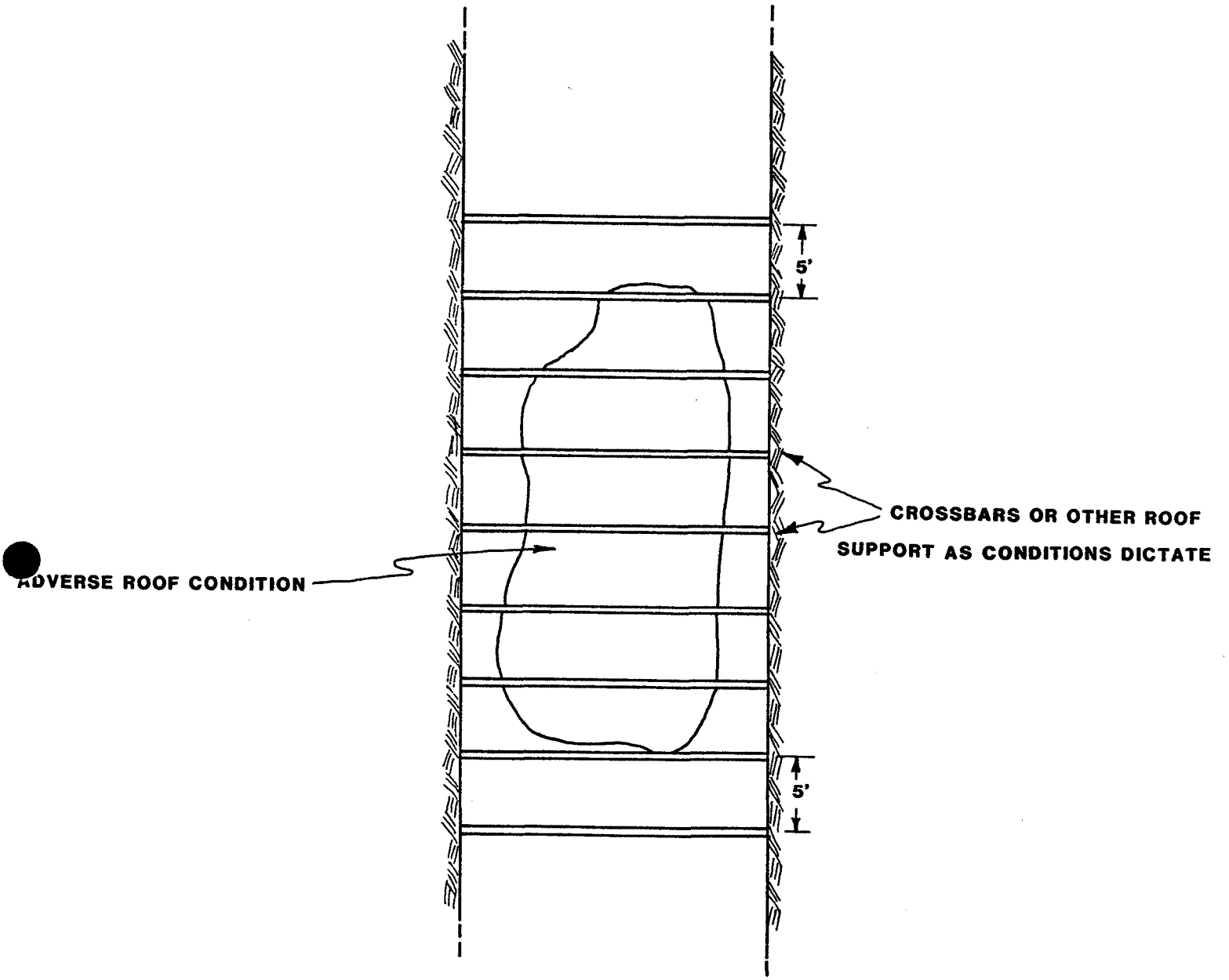


FIGURE 3-12

TYPICAL SPOT CONVENTIONAL SUPPORT OF AN ADVERSE AREA

A disconnect is provided where a section feeder branches from the mainline. The section feeders terminate at transformers located on the sections. Here the 4160 VAC input is transformed to 1000, 480, 240, and 120 VAC for use in the various section machinery.

All electrical installations are approved by MSHA.

A detailed description of the surface power distribution is located in Section 3.2.5.

Dust suppression

Coal float dust is controlled two ways at the Emery Mine. All areas are heavily rock-dusted to bring the amount of combustible material in contact with roof or rib to levels acceptable by MSHA and the Utah state industrial commission. Also, during coal extraction, large amounts of water are sprayed by the mining equipment over the face and at each conveyor transfer point.

3.3.2 Barrier Pillars

The following sections discuss the use and design of various barrier pillars used to protect the rights of coal and surface owners other than Consol.

3.3.2.1 Protection of Oil and Gas Wells

According to the Utah State Division of Oil, Gas, and Mining, there are no oil or gas wells within the permit area, nor are there any oil or gas pipelines within the permit area.

3.3.2.2 Protection of Surface Structures and Streams

A discussion of barriers for this type of protection may be found in Sections 3.4.2.2 and 12.4.3.

3.3.2.3 Property Boundaries

Consol will leave a barrier pillar of the size required by the Utah state industrial commission at property boundaries. Requirements for these barriers are as follows:

> A minimum of 10 feet, plus 2 feet for every foot of seam thickness, plus 5 feet for every 100 feet of overburden thickness. The barrier pillar shall begin at the boundary and extend toward the area of Consol's ownership.
>
> Where more than one seam is mined, these parameters shall apply to the combined coal thickness of the seams mined and the overburden depth to the lowest seam from the surface.

3.3.2.4 Outcrop Protection

When approaching an outcrop, a barrier of not less than 100 feet will be left between the mine workings and the outcrop.

3.3.3 Conservation of Coal Resource

The following sections define Consol's position on coal recovery as related to economics, practical operation and safety.

3.3.3.1 Projected Maximum Extraction

Plans have been developed to maximize coal extraction from the I zone and A seam mines, resulting in an overall recovery of 50% to 60% of the minable reserve. However, if coal extraction is not maximized because of the problems discussed in Sections 3.3.1.3 and 3.4.1, the overall recovery will probably not exceed 35% to 40%. Future plans include the use of longwall and surface mining techniques, both of which have high environmental impacts. Consol is currently investigating these impacts and will notify the regulatory authority of their findings at a future date.

3.3.3.2 Justification for Non-Recovery

No healthy industry can be expected to produce a product without a reasonable return on the investments and costs required to produce that product. This applies to the coal industry as well as to any other industry.

The price realized by a company for their product is strictly a function of the market. For a coal company, the price of a ton of coal or the marketability of the coal is also dependent upon the quality. The cost of producing a ton of coal is related to mining conditions and productivity. Obviously, the operator has little ability to change mining conditions, which are either dictated by nature, the government, or the local economy. Therefore, the only parameter that the operator may significantly affect is productivity, or the volume of product sold per unit time.

In 1980 the Emery Mine average productivity was 527 tons per machine shift (TPMS), which is very good for the mining conditions and is mainly the result of partial extraction. The only way to significantly increase this number is to increase the recovery ratio. At this time, increased recovery is not feasible, as discussed in other sections.

Given that the mining and market conditions may not be expected to change in the short term, the following relationships may be shown to apply.

1. Breakeven productivity $Bp = C/r = [Cv(Bp)+Cf]/r$

   where:

   Bp is the breakeven production per unit time
   C is the total dollar cost of mining per unit time
   r is the price or realization per ton
   Cv is the variable cost per ton
   Cf is the total dollar fixed costs per unit time

2. Breakeven mining height $\frac{P_1}{P_2} = \frac{H_1}{H_2}$

where:

P_1 is the productivity at a mining height H_1
P_2 is the productivity at a mining height H_2

The assumption is that productivity is a linear function of mining height. This assumption is conservative in that it does not account for production delays associated with a lower mining height.

3. Breakeven plant yield

$$By = \frac{(Ct+Cw) - .03}{r}$$

where:

By is the plant yield at breakeven
Ct is the cost of mining per ton
Cw is the cost of washing per ton
r is the realization per ton
.03 represents the difference between the inherent ash of the coal (8%) and the maximum contractual ash (11%)

4. Minable parting thickness at breakeven

$$\frac{Tp}{Tc} = \frac{Sc}{Sp} \cdot \left(\frac{1}{By} - 1\right)$$

where:

Tp is the maximum parting thickness
Tc is the minimum coal thickness
By is the breakeven plant yield
Sp is the parting specific gravity
Sc is the coal specific gravity

The following calculations are based on the 1980 financial statement for the Emery Mine, which has proved to be the most productive and profitable year to date.

1. Breakeven productivity = 533,523 tons per year or 443 tons per machine shift

2. Breakeven mining height = 7.6 feet (no partings mined)

3. Breakeven plant yield = .89

4. Minable parting thickness = .096x(thickness of coal)

These calculations represent the market and mining conditions in existence in 1980 for the Emery Mine. If the conditions were to become more optimistic in future years, the mining parameters would change also, thereby making more of the Emery reserve base economically minable.

It should be noted that each of these parameters is valid only for breakeven conditions; if the company requires a return on its investments, then the parameters must change correspondingly.

Furthermore, the Emery Mine must not only have these conditions to be profitable, but must also meet the following governmental and contractual coal quality specifications:

Maximum ash	11% as received
Minimum Btu/lb	12,100 as received
Maximum sulfur	1% as received

In reference to the seam maps located in Section 6.8 and the economic and quality constraints discussed previously, the following narratives delineate the minability of each seam occurring in the mine plan area.

K Seam

Raw ash	14%
Raw sulfur	2.5%
Average thickness	6.8 feet
Average yield	88.5%
Interval to I zone	10 to 57 feet

As can be seen, the K seam is extremely high in ash and sulfur. The ash may be washed, but the yield is slightly under breakeven, which implies that Consol would have to mine this seam at zero profit. The sulfur on the other hand, occurs as at least 70% organic, and therefore cannot be liberated. This makes the K seam unmarketable.

The average thickness of this seam is marginal from an economic viewpoint, but its close proximity to the I zone and its small areal extent make this seam uneconomical to mine.

J Seam

Raw ash	22%
Raw sulfur	3.4%
Average thickness	4.0 feet
Average yield	79.8%
Approx. Interval to I zone	0 to 3 feet

This seam is obviously not minable from an economic or operational point of view, as determined by the above parameters.

I Zone

Raw ash	8.8%
Raw sulfur	0.7%
Average thickness	8.5 feet
Average yield	95%
Approx. Inverval to G seam	35 to 80 feet

(quality is indicative of minable areas only)

The I zone consists of three separate seams which could not be correlated until the 1980 drilling information was obtained. The three seams, from top to bottom are: the Upper I, the Lower I one, and the Lower I five.

In the area of the existing mine, these seams are separated by very small (±.5 inches) partings. However, as the mine progresses north or south, the seams begin to diverge, with the partings ranging up to 16 feet in thickness, and eventually the seams pinch out entirely. Where the seams do split, mining will take place in Upper I and Lower I one, or the Lower I five, depending upon the individual seam and parting thicknesses.

The mine plan terminates where the seam thicknesses are either less than the breakeven thickness or the parting to coal ratio is at breakeven. However, the mine plan is oriented so that mining may progress into areas of 5-foot seam thickness, given that either the real value of the coal or productivity increases to the point where a 5-foot mining height is economically feasible.

G Seam

Raw ash	14.3%
Raw sulfur	1.6%
Average thickness	4.6 feet
Average yield	88.19%
Approx. Interval to C seam	25 to 65 feet

This seam will not be mined because of its high ash and sulfur values, combined with the low seam thickness and its close proximity to the I zone.

C Seam

Raw ash	19.6%
Raw sulfur	.90%
Average thickness	4.3 feet
Average yield	80.2%
Approx. Interval to D seam	1 to 3 feet

This seam is not considered minable due to its poor ash and yield values as well as its proximity to the D seam.

D Seam

Raw ash	25.8%
Raw sulfur	.88%
Average thickness	4.7 feet
Average yield	71.5%
Approx. Interval to A seam	25 to 65 feet

This seam is not considered minable due to its high ash and low seam thickness and its proximity to the A seam.

The C and D seams are usually considered a zone. If these seams were mined as one unit, the parting material between them would also have to be mined. This would produce the following quality:

Raw ash	34.2%
Raw sulfur	.78%
Average yield	62.5%
Average mining height	11.25 feet

Obviously, the ash and yield values under this assumption are totally unacceptable. Also, mining the CD zone or the individual seams would have definite negative effects on the mining and recovery ratios in the I zone and A seam. Since mining two seams simultaneously requires strict adherence to timing schedules and mine plans, the mining of three seams in close proximity is very complex, with a loss in recovery and productivity in all seams.

A Seam

Raw ash	8.5%
Raw sulfur	.95%
Average thickness	10 feet
Average yield	96.7%
Approx. Interval to I zone	100 to 200 feet

(quality is indicative of minable areas only)

The A seam quality and thickness combined with the large interval to the I zone make mining of this seam extremely attractive. However, the A seam is subject to pinchouts and channels which delete certain areas of the seam from mining.

As indicated by the previous discussions, the only commercially minable seams within the mine plan area are the I zone and the A seam. Consol is currently mining the I zone and intends to develop the A seam when the market demand is adequate. The mining of these seams will take place as determined by the economic parameters discussed earlier; but as the market changes these parameters, the mine plans will change to make the maximum economic use of the resource.

3.3.3.3 Access to Future Reserves

The mine plans for the I zone have been designed such that future access will be allowed to portions of the reserve that are not currently economically minable.

3.3.4 Major Equipment

The following tables list the major surface and underground equipment used at the Emery Mine.