

0007

file

UTAH DIVISION OF OIL, GAS, AND MINING
INSPECTION CHECKLIST FOR
INTERIM REGULATION PERIOD
UNDERGROUND COAL MINE

MINING COMPANY: Consol

MINE NAME: Emery Deep Mine

FILE NUMBER: Act 1015/015

COUNTY: Emery

DATE: May 2, 1979

TIME: 9:30 AM

WEATHER: intermittent rain & thunder storms

MILEAGE: Begin: _____ End: _____ Total: _____

MINING COMPANY REPRESENTATIVES: Ron Hughes

Bill Vaughn

STATE OFFICIALS: Jim Smith

OFFICE OF SURFACE MINING OFFICIALS: _____

OTHERS PRESENT: _____

COMMENTS: _____

SIGNATURE: _____

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APPLICABLE VIOLATIONS ARE CIRCLED

MC-717.11	<u>General Obligations.</u>			
VIOLATION	Is there a copy of the Mining and Reclamation Plan at or near the mine site?	<input checked="" type="radio"/>	no	
MC-717.12	<u>Signs and Markers.</u>			
VIOLATION	Are signs displayed at all access points to permit area from public highways? <i>Repaint signs</i>	<input checked="" type="radio"/>	no	
VIOLATION	Do signs show name, business address, telephone number of permittee and appropriate identification and permit numbers?	<input checked="" type="radio"/>	no	
MC-717.13	<u>Reserved</u>			
MC-717.14	<u>Backfilling and grading of road cuts, mine entry area cuts, and other surface work areas.</u>			
	<u>Note:</u> THIS SECTION APPLIES TO RECLAIMED AREAS UPON TERMINATION OF MINING AND TO FINAL CUTS, FILLS, ETC. OF OPERATING MINES THAT ARE NOT TO BE REWORKED UPON TERMINATION OF MINING.			
VIOLATION	a. Are affected areas regraded to approximate original contour?	<input type="radio"/>	yes	<input checked="" type="radio"/> NA
VIOLATION	Is stability and the prevention of leaching of toxic pollutants assured?	<input checked="" type="radio"/>	no	NA
VIOLATION	1. Are earth, rock, and mineral nonwaste materials retained on the solid portions of benches or at the site of the faceup if additional working space is needed? (1.5 static safety factor and less than the angle of repose)	<input type="radio"/>	yes	<input checked="" type="radio"/> NA
VIOLATION	2. Are highwalls along roads, faceups, etc, backfilled and graded to the most moderate slope possible so as to eliminate the highwalls?	<input type="radio"/>	yes	<input checked="" type="radio"/> NA
VIOLATION	b. If cut-and-fill terraces are used, have they been approved and do they meet the requirements?	<input type="radio"/>	yes	<input checked="" type="radio"/> NA
VIOLATION	c. If the slopes are over 20 degrees, has material been placed on the down slope below road cuts, mine workings, etc. other than in conformance of Part 717.14(a)(1) - place on the downslope at the faceup when additional working space is needed?	<input type="radio"/>	yes	<input checked="" type="radio"/> NA

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VIOLATION	d. Are rills or gullies deeper than 9 inches present on regraded areas that do not have established vegetation?	yes	no	NA
VIOLATION	e. Are acid-forming, toxic-forming, combustible materials, or other waste materials covered with a minimum of 4 feet of nontoxic and noncombustible material?	yes	no	NA
VIOLATION	Are acid-forming or toxic-forming materials buried, or stored close to a water course so as to pose a water pollution threat, or in violation of Part 717?	yes	no	NA
VIOLATION	f. Was final grading before the placement of topsoil and during the placement of topsoil done along the contour if it could be done safely?	yes	no	NA
VIOLATION	Was the placement, grading, and preparation done in such a manner that minimizes erosion and minimizes soil slippage?	yes	no	NA
MC-717.15	<u>Disposal of excess rock and earth materials on surface areas.</u>			
	<u>Note:</u> SPOIL AND WASTE DEPOSITED ON THE SURFACE MUST BE IN COMPLIANCE WITH PART 715.15. THESE REQUIREMENTS MAY BE MODIFIED BY STATE IF AMOUNT IS SMALL AND POSES NO THREAT.			
MC-715.15	(a) <u>Disposal of spoil in other than valley or head-of-hollow fills.</u>			
VIOLATION	Is spoil deposited in a controlled (engineered) manner designed and certified in an <u>approved</u> site within the permit area?	yes	no	NA
VIOLATION	Is organic material and topsoil removed prior to deposition?	yes	no	NA
VIOLATION	Is material concurrently compacted as necessary to ensure mass stability and prevent mass movement?	yes	no	NA
VIOLATION	Are certified reports being submitted after engineer's inspection?	yes	no	NA
MC-715.15	(b) <u>Disposal of spoil in valley or head-of-hollow fills.</u>			
	<u>Note:</u> WASTE CANNOT BE DEPOSITED IN VALLEY OR HEAD-OF-HOLLOW FILLS. IF ANY PORTION OF DISPOSAL FILL ENCROACHES UPON ANY NATURAL DRAINAGE CHANNEL, THE ENTIRE FILL IS CLASSIFIED AS A VALLEY OR HEAD-OF-HOLLOW FILL.			
VIOLATION	Is spoil disposed of at an <u>approved</u> site in a controlled manner, concurrently compacted, within the permit area?	yes	no	NA
VIOLATION	Is organic material and topsoil removed prior to deposition?	yes	no	NA

VIOLATION	Does the fill have an underdrain system?	yes	no	<input checked="" type="radio"/> NA
VIOLATION	Is the spoil disposed of by approved methods?	yes	no	<input checked="" type="radio"/> NA
VIOLATION	Does the spoil fill meet the approved design?	yes	no	<input checked="" type="radio"/> NA
VIOLATION	Are certified inspection reports submitted by a certified engineer during critical construction periods or at least quarterly?	yes	no	<input checked="" type="radio"/> NA
MC-717.16	<u>Reserved</u>			
MC-717.17	<u>Protection of the hydrologic system.</u>			
VIOLATION	a. Does the runoff from the disturbed area pass through a sedimentation pond? <i>Constr. permit fm. State Health</i>	yes	<input checked="" type="radio"/>	NA
VIOLATION	If a sedimentation pond exists, is it approved by the regulatory authority? <i>is Approved</i>	yes	no	<input checked="" type="radio"/> NA
VIOLATION	Does discharge from the disturbed area appear to meet applicable O.S.M., State, and EPA regulations?	yes	no	<input checked="" type="radio"/> NA
	<i>No discharge at present</i>			
	<u>Note:</u> TAKE A SAMPLE FOR ANALYSIS.			
VIOLATION	b. Is there a surface water monitoring program? <i>NPDES For Ponds</i>	<input checked="" type="radio"/>	no	NA
VIOLATION	If there is a monitoring program is it approved by the regulatory authority? <i>Presently not monitoring Pritchard & Christianson</i>	yes	<input checked="" type="radio"/>	NA
VIOLATION	c. Are diversion structures used at the site? <i>None at present except berms - Some planned in pond design</i>	<input checked="" type="radio"/>	no	NA
VIOLATION	Are the diversions approved by the regulatory authority?	<input checked="" type="radio"/>	<input checked="" type="radio"/>	NA
VIOLATION	Are the diversions designed, constructed, and maintained so as to prevent additional contributions of suspended solids to streamflow or runoff outside the permit area?	yes	no	NA
VIOLATION	d. Are stream channels diverted?	yes	<input checked="" type="radio"/>	NA
VIOLATION	Is the diversion approved and does it meet the requirements of Part 715.17(d)?	yes	no	<input checked="" type="radio"/> NA
	e. <u>Note:</u> THE PUBLISHED SEDIMENT POND DESIGN CONSTRUCTION STANDARDS ARE NOT IN EFFECT.			
VIOLATION	Do(es) the pond(s) pose an imminent danger to health or safety of the public or a significant imminent environmental harm to land, air or water resources?	yes	<input checked="" type="radio"/>	NA
VIOLATION	f. Are discharges from the pond(s) controlled where necessary to reduce erosion and prevent deepening or enlargement of stream channels and to minimize disturbances to the hydrologic balance?	yes	no	<input checked="" type="radio"/> NA
	<i>ponds not yet constructed</i>			

- VIOLATION Is there an NPDES discharge permit for the sediment pond discharge? yes no NA
- VIOLATION g. Is there drainage to ground or surface waters from acid-forming or toxic-forming materials? *0.5% sulfur* yes no NA
- VIOLATION If there is such drainage is it properly controlled? yes no NA
- VIOLATION h. Is there a groundwater monitoring program? yes no NA
- VIOLATION If there is a monitoring program is it approved by the regulatory authority? yes no NA
- i. N/A *Presently have 1 water mon. well - 60 days*
- VIOLATION j. Are roads and associated facilities constructed, maintained, and reclaimed so as to prevent additional contributions of suspended solids to streamflow or runoff outside the permit area? yes no NA
Co. rd. to main gate
- VIOLATION Do roads meet construction, grade, drainage, and maintenance requirements? If not, specify. yes no NA
- VIOLATION k. Are transport facilities other than roads constructed maintained, and reclaimed so as to prevent additional contributions of suspended solids to streamflow or runoff outside the permit area? yes no NA
- VIOLATION l. Is surface or groundwater discharged or diverted into mine workings? yes no NA

MC-717.18 Dams constructed of waste material.

Note: JUDGE FLANNERY'S FEBRUARY 3, 1978 DECISION STATES THAT THESE REGULATIONS APPLY ONLY TO DAMS CONSTRUCTED PARTIALLY OR WHOLLY OF WASTE. "WASTE" IS DEFINED IN PART 710.15.

- VIOLATION a. Are all dams that contain waste approved by the regulatory authority? yes no NA
- VIOLATION b. Do the dams meet the approved design requirements? yes no NA
- VIOLATION Have the dams been periodically inspected during construction and certified by a registered professional engineer? yes no NA
- VIOLATION Have the dams been annually certified? yes no NA

MC-717.19 Reserved

MC-717.20 Topsoil handling and revegetation.

- VIOLATION a. Has topsoil and/or surficial unconsolidated material been separated, stockpiled, and properly protected? yes no NA
will be during pond construction
- VIOLATION Have disturbed areas, which are no longer required for the conduct of mining, been reclaimed? yes no NA
- VIOLATION b. Are all reclaimed areas properly revegetated? yes no NA