CO-OP MINING CO.

HUNTINGTON, UTAH

HYDROLOGY MAP

SCALE:	DRAWN BY:	DATE:
1" = 50'	C. Reynolds	7/17/91

BEAR CANYON | PLATE 7-1C

DRAFT

REV.	DATE	REMARKS	APPR.
1	4/30/92	DIST. BOUND. MOD. (DO-92C,NOV 91-35-8-1)	7/22/92
2	4/10/92	DITCH D-10D & D-10aD ADDED	7/20/92
3	4/22/92	B.T.C.A. AREA ADDRESSED (DO-92A)	10/29/92
4	11/16/92	TIPPLE EROSION PROPOSAL ADDED (92P)	12/04/92
5	7/08/93	Coal Storag Pad & Outslope Cleanup (93D)	9/14/93
6	7/12/93	Hoist Rd. Redesignated/Surface Fac. Updated (93E)	9/16/93
7	10/05/93	D-13D Added/AD-8 Revised (93K) (NOV 5-1,8-1)	10/28/93
8	12/08/93	Antifreeze Storage Tank Added (930)	12/17/93
9	10/22/93	Tank Seam Access Road Added (93B)	7/22/94
10	8/01/94	Lamphouses Removed/Portal Pad Recontoured	

No. 7900 KIMLY C. MANGUM STATE OF UTAH REGISTERED PROFESSIONAL ENGINEER AND LAND SURVEYOR

LEGEND

- PERMIT BOUNDARY
- DISTURBED AREA
- PRE-1977 DISTURBANCE
- CULVERTS
- CONTOUR LINE (6980)
- WATER LINES (W)
- SECTION LINE
- SEE PLATES 2-4 FOR SURFACE FACILITIES
- UNDISTURBED DRAINAGE (D-2U)
- DISTURBED DRAINAGE (D-2D)
- DRAINAGE BOUNDARY
- SEE PLATE 7-5 FOR COMPLETE WATERSHED MAP

REFER TO TABLES 7.2-10 AND 7.2-11 FOR DITCH AND CULVERT SPECIFICATIONS

SCALE 1" = 50'

CONTOUR INTERVAL 2'

PHOTOGRAPHY DATE NOV. 11, 1990

N 391,500 | N 391,750 | N 392,000 | N 392,250 | E 2,114,000 | N 392,500 | N 392,750 | N 393,000 | E 2,114,250 | E 2,114,500

MATCH LINE D-D | MATCH LINE C-C | MATCH LINE B-B

AU-2 | AU-2D | AU-3 | AU-4 | AU-5 | AU-6 | AU-7 | AU-11 | AU-12 | AU-13 | AU-16

AD-1A | AD-1B | AD-2A | AD-2B | AD-2C | AD-3A | AD-3B | AD-4 | AD-5 | AD-6 | AD-7 | AD-8 | AD-9 | AD-10 | AD-11 | AD-12 | AD-13 | AD-14

D-15U | D-11U | D-10U | D-12U | D-13D | D-1D | D-2U | D-2D | D-3D | D-4D | D-5D | D-6D | D-7D | D-8D | D-9D | D-10D | C-1U | C-2U | C-3U | C-4U | C-5U | C-6U | C-7U | C-8U | C-9U | C-10U | C-1D | C-2D | C-3D | C-4D | C-5D | C-6D | C-7D | C-8D | C-9D

B.T.C.A. AREA "A" INTERIM REVEGETATION 1991

B.T.C.A. AREA "B" INTERIM REVEGETATION 1991

B.T.C.A. AREA "C" INTERIM REVEGETATION 1991

B.T.C.A. AREA "D" INTERIM REVEGETATION 1991

B.T.C.A. AREA "E" INTERIM REVEGETATION 1991

B.T.C.A. AREA "F" INTERIM REVEGETATION 1991

B.T.C.A. AREA "G" INTERIM REVEGETATION 1991

B.T.C.A. AREA "H" INTERIM REVEGETATION 1991

B.T.C.A. AREA "I" INTERIM REVEGETATION 1991

B.T.C.A. AREA "J" INTERIM REVEGETATION 1991

B.T.C.A. AREA "O"

B.T.C.A. AREA "P"

STORAGE AREA | PRIMARY ROAD | SILT FENCE | 500 GAL. WATER TANK | 15" FLEXIBLE DOWNSPOUT | PORTAL | TANK | GATE | INTAKE PORTAL (HIAWATHA) | RETAINING WALL | PRIMARY PORTAL ACCESS ROAD | INTERIM REVEGETATION 1991 | WATER TANK | CATCH BASIN | LEACH FIELD | CULINARY WATER OVERFLOW | PRIMARY SHOP ROAD | FUEL TANKS & BERM | RIP-RAPPED CHANNEL | COAL SPRAY TANKS & BERM | COAL STORAGE AREA & SEDIMENT POND WASTE AREA | TRUCK LOADING | TEMPORARY SEDIMENT STORAGE | UPDES DISCHARGE POINT 004 | TOPSOIL STOCKPILE | BERM | SEAM CREEK | PRIMARY HIPPLE ACCESS ROAD | LUMP COAL STORAGE AREA | CEMENT PAD W/RETAINING WALL