INTERCEPTION DITCH FOR UNDISTURBED WATERSHED MSH-2A

INTERCEPTION DITCH FOR UNDISTURBED WATERSHED MSH-2

INTERCEPTION DITCH FOR UNDISTURBED WATERSHED MSH-1

MUD SPRING HOLLOW 60" BYPASS CULVERT

INTERCEPTION DITCH FOR UNDISTURBED WATERSHED MSH-1 & CBW-1

15" PIPE DIVERSION FOR UNDISTURBED WATERSHED MSH-1 & MSH-2

15" PIPE DIVERSION FOR UNDISTURBED WATERSHED MSH-1 & CBW-1

MUD SPRING HOLLOW 42" BYPASS CULVERT

15" MINE YARD DRAINAGE SYSTEM

10" MINE YARD DRAINAGE SYSTEM

24" CMP TO SEDIMENTATION POND FROM CONCRETE SETTLING BASIN

CANAL GRATE BOX NO.1

18" CMP FROM SEDIMENT TRAP TO OVERFLOW POND

SEDIMENTATION POND ACCESS ROAD DIVERSION DITCH

ACCESS ROAD DIVERSION DRAINING UNDISTURBED WATERSHED DWN-1

GATE BOX NO. 2

18" CMP OVERFLOW POND BYPASS

APPROXIMATE SEEP LOCATION

WEST OVERFLOW POND DIVERSION CHANNEL

6" DIA ADS SEEP DIVERSION PIPE

18" CMP OVERFLOW POND PRIMARY SPILLWAY

TOPSOIL STOCKPILE

OVERFLOW POND ACCESS AND MAINTENANCE ROAD

INTERCEPTION DITCH FOR UNDISTURBED WATERSHED ESC-7

8" PIPE DIVERSION FOR UNDISTURBED WATERSHED ESC-7

INTERCEPTION DITCH FOR UNDISTURBED WATERSHED ESC-6

10" PIPE DIVERSION FOR UNDISTURBED WATERSHEDS ESC-6 AND ESC-7

INTERCEPTION DITCH FOR DIS-1A

6" PIPE DIVERSION FOR UNDISTURBED WATERSHED MSH-2A

10" MINE YARD DRAINAGE SYSTEM

EAST SPRING CANYON 72" BYPASS CULVERT

INTERCEPTION DITCH ALONG ROAD FOR CBE-5

CBE BYPASS CULVERT

SUBSTATION PAD UPPER UNDISTURBED INTERCEPTION DITCH

SUBSTATION PAD LOWER UNDISTURBED INTERCEPTION DITCH

INTERCEPTION DITCH ALONG ROAD FOR CBE-1 THROUGH CBE-5

EAST SPRING CANYON AND MUD SPRING HOLLOW BYPASS CULVERT 48" CMP

RIPRAP CHANNEL FOR CBE CONTINUANCE DIVERSION

12" CMP EXTENSION FROM SEDIMENT POND PRIMARY SPILLWAY TO OVERFLOW POND

PIPE NO.5 DIVERSION OF INDUSTRIAL WATERSHED DWN-1

18" CMP FROM SEDIMENT TRAP AND SEDIMENT POND TO OVERFLOW POND

OVERFLOW POND BYPASS CULVERT CONCRETE INLET

OVERFLOW POND BYPASS CULVERT

EAST OVERFLOW POND DIVERSION CHANNEL

OVERFLOW POND BYPASS CULVERT CONCRETE OUTLET

TRAMCOM 2.0H FLUME OR EQUAL

ESC-7 ESC-6 ESC-5 MSH-1 MSH-2 MSH-2A DIS-1A DIS-1 ESC-5 CBE-5 CBE-4 CBE-2 CBE-1 CBW-1 DIS-2 DIS-4 DIS-5 DIS-4 DIS-3 DIS-2 CBW-1 DWN-1 DWN-2 DWN-4 DWN-5 DWN-3 DIS-6

COUNTY ROAD

U.S.F.S. PUBLIC ROAD

LEGEND

- PERMIT BOUNDARY
- DISTURBED AREA BOUNDARY (DAB)
- DIVERSION CHANNEL
- WATERSHED BOUNDARY
- 0.5' BERM WITH 1:1 SIDES
- SILT FENCE

REGISTERED PROFESSIONAL ENGINEER — 339504 — JOHN D. BARS — STATE OF UTAH

I CERTIFY THE ITEMS SHOWN ON THIS DRAWING ARE ACCURATE TO THE BEST OF MY KNOWLEDGE

100 0 100

REVISIONS				
NO.	DATE	REQ. BY	DWG. BY	REMARKS
2	11/29/94	M.L.D.	S.K.S.	
3	01/09/97	M.L.D.	B.D.H	
4	10/30/97	M.L.D.	B.D.H.	
5	05/14/09	R.B.W.	S.W.F.	
6	06/03/10	F.L.R.	K.B.B.	
7	08/06/10	F.L.R.	K.B.B.	

Canyon Fuel Company, LLC
SUFCO Mine
597 South SR 24 – Salina, UT 84654
(435) 286-4880 Phone
(435) 286-4499 Fax

EAST SPRING CANYON

DRAINAGE DETAILS & WATERSHED BOUNDARIES

SCALE:	DATE:	DRAWN BY:	ENGINEER:	SHEET NO.
1" = 100'	12/17/91	B.D.H.	R.B.W.	PLATE 7-6v7
CHECKED BY:	FILE NAME:			
V.S.B.	H:\DRAWINGS\MRP\PLATES\PLATE7-6v7			

File in:
- ☐ Confidential
- ☐ Shelf
- ☒ Expandable

Date Folder: 1004100041/0002

See Sincerely For additional

RECEIVED
OCT 04 2010
DIV. OF OIL, GAS & MINING