N 439,000 | E 2,204,000 | E 2,204,500 | E 2,205,000 | E 2,205,500 | E 2,206,000 | E 2,206,500 | E 2,207,000 | E 2,207,500 | E 2,208,000

N 438,500 | N 438,000 | N 437,500 | N 437,000 | N 436,500 | N 436,000

TRANSFERRED TO CO-OP MINING CO. 0.24 ACRES

1/4 CORNER

E.W. STODDARD (RAILCO. LOADOUT)

UTAH POWER & LIGHT EASEMENT

PERMIT BOUNDARY

B.T.C.A. AREA #4
0.52 ACRES
TREATMENT: TOTAL CONTAINMENT

6" WATER LINE FROM RIVER PUMP

C-15 (24" CMP)

RAILROAD RIGHT-OF-WAY

B.T.C.A. AREA #1
0.69 ACRES
TREATMENT: VEGETATIVE FILTER / SILT FENCE

B.T.C.A. AREA #2
0.28 ACRES
TREATMENT: TOTAL CONTAINMENT

B.T.C.A. AREA #3
0.85 ACRES
TREATMENT: TOTAL CONTAINMENT

ROY D. & PEGGY L. CAMPBELL

U.P.C., INC. (COVOL)

RELOCATED DIVERSION UD-1

CD-6

SETTLING PONDS

UNDERGROUND LINES

COAL PILE

POND 1

POND 2

POND 3

CD-4

TO POND 6

POND 6

6" WATER LINE

PLANT OVERFLOW LINE

(PROPOSED) PLANT OVERFLOW POND

C-10 (24" CMP)

C-7 (24" CMP)

C-25A (18" CMP)

CD-3

C-25 (18" CMP)

CD-12

C-9 (18" STEEL)

C-20 (12" STEEL)

14' DIA. PIPE TUNNEL

SUBSTATION

TRUCK DUMP

C-19 (12" STEEL)

MCC

PREP. PLANT

C-21 (24" CMP)

CD-11

C-28 (18" CMP)

SHOP

SAMPLER BUILDING

C-16 (18" CMP)

C-24 (18" CMP)

C-64 (18" CMP)

C-5 (24" CMP)

SAMPLE HOUSE

14' DIAMETER PIPE TUNNEL

CD-8A

C-18 (18" CMP)

COAL STORAGE AREA

C-17 (18" CMP)

PORTABLE CONVEYOR

TEMPORARY TRUCK DUMP

POND 5

8" PIPE UNDERGROUND FRENCH DRAIN

SUB-SOIL

TOPSOIL

C-12 (18" CMP)

CD-10

C-26 (18" CMP)

C-27 (18" CMP)

C-8 (18" CMP)

OFFICE

C-13 (18" CMP)

C-13A (18" CMP)

UTAH POWER & LIGHT EASEMENT

FAN HOUSE AND ESCAPE TUNNEL

STOCKPILE AREA

C-4 (18" CMP)

C-16 (24" CMP)

CD-8

CD-13

C-2 (18" CMP) (2 EACH)

C-22 (FLEX-PIPE)

MAIN LINE TRACK

CD-9

C-139 (18" CMP)

C-2 (18" CMP)

C-1 (18" CMP)

TEMPORARY REFUSE STORAGE AREA

REFUSE AREA

CD-7

MATERIAL STORAGE AREA

TOP SOIL

C-23 (12" CMP)

C-1A (24" CMP)

C-1 (24" CMP)

B.T.C.A. AREA #5
0.86 ACRES
TREATMENT: VEGETATIVE FILTER / SILT FENCE

(24" CMP) RAILROAD CULVERT

GATE

PHONE BOX

JENSEN TRUCKING

JENSEN PROPERTY (DELETED FROM PERMIT AREA)

UNDISTURBED

LOOP TRACK

1/4 CORNER

PERMIT BOUNDARY

CASCADE MOUNTAIN RESOURCES, INC.

DAVID C. SWENSON

INTERMOUNTAIN AERIAL SURVEYS

TOPOGRAPHY COMPILED BY PHOTOGRAMMETRIC METHODS – 061006

DATE OF PHOTOGRAPHY: APRIL 26, 2006
CONTOUR INTERVAL 2'

FILE IN Expandable 11 07 2006
Refer to Record No. 0037
in C0070083, 2006, Drawing
for additional information

STATE OF UTAH
#154168
DAN W. GUY
11/17/06
REGISTERED PROFESSIONAL ENGINEER

RECEIVED
NOV 27 2006
DIV. OF OIL, GAS & MINING

LEGEND:

- PERMIT BOUNDARY/BONDED AREA
- SURFACE DRAINAGE
- COLLECTION DITCH — CD-7 —
- FENCE
- RAILROAD
- EXISTING UNDERGROUND DRAIN
- POWER POLE

CONTOUR INTERVAL: 2'

REVISIONS:

NOV. 2006	BLACKHAWK

Savage

SAVAGE COAL TERMINAL HYDROLOGY MAP

DRAWN BY:	SCALE:
BLACKHAWK ENGINEERING, INC.	1" = 150'
DATE: JULY 2006	PLATE NUMBER: 7-2