LEGEND

- MONITORING WELL
- DRAINAGE DIVIDE
- UPDES DISCHARGE LOCATION (UT-0022896-002)
- TYPICAL GROUND WATER MOVEMENT
- GAS WELL
- LEASE APPLICATION BOUNDARY
- PACIFICORP EAST MOUNTAIN PROPERTY BOUNDARY
- TRAIL MOUNTAIN MINE PERMIT AREA BOUNDARY
- FAULT (DASHED WHERE INFERRED)
- WATER MONITORING STATION WITH FLUME
- WATER MONITORING STATION

DRAINAGE DIVIDE

FOR DETAILED HYDROLOGY REFER TO MAP MFS1851D

ML-48258

MILL FORK FAULT GRABEN

U-024317

U.P.&L. CO. FEE

U-06039

SL-051222

U-2810

SL-014275

SL-050862

U-024319 RELINQUISHED APRIL 24, 1992

HUNTINGTON CREEK

U-024319

U-47979 RELINQUISHED APRIL 24, 1992

STATE ML-22509 Relinquished Effective 7/6/01

U-7653 Coal Sublease Terminated Effective 3/18/02

U-47977

DRAINAGE DIVIDE

Left Fork Fault Zone

Left Fork Fault Zone

U-084923

U-084924

PINE SPRINGS RESERVOIR

PINE SPRINGS

PINE SPRINGS THROUGH

U-47979

SL-064607 064621 RELINQUISHED APRIL 24, 1992

HUNTINGTON POWER PLANT

HUNTINGTON CREEK DRAINAGE

SULA #1382

EAST MTN. CAP POND

BRACES POND #2

BRACES POND #1

WEST TERRACE POND

SHEBA SPRING

DILLS SPRING 79-9

BRUCE POND

DEAD COW SPRING 79-13

ROAN SPRING 79-25

ROAN'S CANYON FAULT GRABEN

STRAIGHT CANYON SYNCLINE

SL-070645 U-02292

SL-070645 U-02292 RELINQUISHED APRIL 24, 1992

SL-064607 064621

SL-066116 RELINQUISHED APRIL 24, 1992

SL-066116 RELINQUISHED MAY 15, 1995

McKINNON FEE

DEER CREEK UPPER FLUME DCR01

U-02664 RELINQUISHED APRIL 24, 1992

ISOLATED RECHARGE UNSATURATED STRATA

U-02664

SL-070645 U-02292 RELINQUISHED APRIL 24, 1992

(PRIMARY VERTICAL RECHARGE)

U.S.D.S. FEE Relinquished 6/18/98

U-040151

U-1358 RELINQUISHED APRIL 24, 1992

U-1358 RELINQUISHED JUNE 12, 1995

U-02664 RELINQUISHED APRIL 24, 1992

SL-050133 RELINQUISHED APRIL 22, 1992

DRAINAGE DIVIDE

U-02664 RELIN. 4-24-92

U-040025

U-02664

U.P.&L. CO. EAST MTN. WEATHER STATION

FOREST SERVICE SPECIAL USE PERMIT

U-47978

U-47978 RELINQUISHED APRIL 24, 1992

U-37641 SEWER ABSORPTION FIELD

S.U.L.A. 1195

SEDIMENTATION POND

WASTE ROCK STORAGE SITE U-37642

WASTE ROCK STORAGE SITE UTU-65027

COTTONWOOD WASTE ROCK WELL UT-0022896-005

COTTONWOOD CREEK DRAINAGE

U-47978 RELINQUISHED APRIL 24, 1992

U-49332

U-082996

STATE ML-22603 RELINQUISHED JANUARY 31, 1996

UTU-64375

OLIPHANT MINE 18-1-1 (T-18)

MEETINGHOUSE CANYON FLUME MHC01

DEER CREEK PERMIT BOUNDARY FLUME DCR04

GRIMES WASH FLUME RIGHT FORK GWR01

GRIMES WASH FLUME LEFT FORK GWR02

GRIMES WASH FLUME BELOW MINE GWR03

TRAIL MTN. MINE & SED. POND UTG-040002 001 & 002

MILLER CANYON MINE DISCHARGE UT-0022896-004 MMD04

TRAIL MTN. WELL TM-1R UT-0022896-001

COTTONWOOD CANYON CREEK WELL EM-31

ROANS CANYON SPRING

SHEEP HERDER SPRING 82-52

CLAIR NELSON POND

ELK POND

GRIMES WASH SPRING #1 79-23

FENCED ENCLOSURE 79-24

BURNT TREE SPRING

COVE RES.

SURGING SPRING 79-2

DEAD BUCK SPRING 80-43

PIPELINE FROM BURNT TREE SPRING

EAST MTN. RIDGE SPRING #2 SL-064900

FLAG LAKE

BLOODY BEAR SPRING 80-46

SNOW LAKE

ELK SPRING

ALPINE SPRING 89-60

MIKES SPRING 79-38

JERK WATER SPRING

PINES SPRING

TED'S TUB

DES-BEE-DOVE SEDIMENTATION POND UT-0023591-001

T. 16 S. T. 17 S.

T. 17 S. T. 18 S.

N

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MAY 01 2007
DIV. OF OIL, GAS & MINING

STATE OF UTAH REFERENCE NUMBER 5234167-2250 CHARLES A. SEMBORSKI LICENSED PROFESSIONAL GEOLOGIST

DATE	REVISIONS	BY	CHK
3-21-07	UPDATED DRILL HOLES IN ML-48258	KJL	
2-14-06	UPDATED DRILL HOLES IN ML-48258	KJL	
4-14-05	UPDATED DRILL HOLES IN ML-48258	KJL	
2-16-04	ADDED MILL FORK LEASE ML-48258	KJL	
3-7-02	ADDED IBC TO U-06039	KJL	
1-02-02	RELOCATED UT-0022896-001 TO TMA	KJL	
1-24-00	REVISED PERMIT BOUNDARIES	KJL	
1-28-99	UPDATED PERMIT BOUNDARY U-06039	KJL	
3-19-98	REVISED PERMIT BOUNDARIES	KJL	
9-18-97	ADDED RILDA CANYON RIGHT FORK TRAIL	KJL	
5-20-97	ADDED FOREST SERVICE SPECIAL USE PERMIT	KJL	
4-3-97	REVISED TRAIL MTN. MINE LEASE BOUNDARY	KJL	

CAD FILE NAME/DISK#: HM-1.DWG

HM-1

ENERGY WEST MINING COMPANY
A SUBSIDIARY OF PACIFICORP

EAST MOUNTAIN PROPERTY HYDROLOGY DATA MAP

DRAWN BY: K. LARSEN
SCALE: 1"=2000'
DATE: MARCH 21, 2007

CE-10478-EM
DRAWING #:
SHEET 1 OF 1
REV. ---