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

FOR DETAILED HYDROLOGY REFER TO MAP MFS78351D

ML-48258

U-024317

U-06039

SL-050862

SL-051221

U-2810

U-014275

U.P.&L. CO. FEE

U-024319 RELINQUISHED APRIL 24, 1992

U-024319

U-47979 RELINQUISHED APRIL 24, 1992

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

U-47977

STATE ML-22509 Relinquished 12/6/01

U-084923

U-084924

U-47979

SL-064607 064621 RELINQUISHED APRIL 24, 1992

SL-070645 U-02292 RELINQUISHED APRIL 24, 1992

SL-064607 064621

SL-070645 U-02292

SL-066116 RELINQUISHED APRIL 24, 1992

SL-066116 RELINQUISHED MAY 15, 1995

McKINNON FEE

U-040151

U-1358 RELINQUISHED APRIL 24, 1992

U-1358 RELINQUISHED JUNE 12, 1995

U-02664 RELINQUISHED APRIL 24, 1992

U-02664 RELIN. 4-24-92

U-02664

SL-050133 RELINQUISHED APRIL 22, 1992

L.D.S. FEE Relinquished 11/18/98

U-044025

U-47978

U-47978 RELINQUISHED APRIL 24, 1992

U-47978 RELINQUISHED OCTOBER 16, 1992

U-47978 RELINQUISHED APRIL 24, 1992

U-37641 SEWER ABSORPTION FIELD

U-49332

U-052996

STATE ML-22603 RELINQUISHED JANUARY 31, 1996

UTU-64375

U-083066

FOREST SERVICE SPECIAL USE PERMIT

SOLATED RECHARGE UNSATURATED STRATA

HUNTINGTON CREEK DRAINAGE

COTTONWOOD CREEK DRAINAGE

DRAINAGE DIVIDE

MILL FORK FAULT GRABEN

LEFT FORK FAULT ZONE

ROAN'S CANYON FAULT GRABEN

STRAIGHT CANYON SYNCLINE

HUNTINGTON CREEK

MAPLE GULCH

STUMP FLAT

CRIMES WASH

WASTE ROCK STORAGE SITE U-37642

WASTE ROCK STORAGE SITE UTU-65027

SEDIMENTATION POND

HUNTINGTON POWER PLANT

MEETINGHOUSE CANYON FLUME MHCO1

DEER CREEK PERMIT BOUNDARY FLUME DCR04

DEER CREEK UPPER FLUME DCR01

UT-0023604-001

UT-0023604-002

DCR02

DCR03

DCR05

DCR06

HCC01

HCC02

MFU03

MFA01

MFB02

RCW01

RCF01

RCF02

RCF03

RCLF-1

RCLF-2

SEEP

NORTH SPRING

SOUTH SPRING

SIDE CANYON SPRINGS

PINE SPRING RESERVOIR

PINE SPRINGS

PINE SPRINGS THROUGH

ELK SPRING

EAST MTN. CAP POND

BRACES POND #2

BRACES POND #1

WEST TERRACE POND

SHEEP SPRING

BRUCE POND

DILLS SPRING 79-9

ROAN SPRING 79-25

ALPINE SPRING 89-60

MIKES SPRING 79-38

JERK WATER SPRING

SHEEP HERDER SPRING 82-52

PINES SPRING

CLAR NELSON POND

TED'S TUB

ELK POND

GRIMES WASH SPRING #1 79-23

FENCED ENCLOSURE 79-24

COVE RES.

SURGING SPRING 79-2

BURNT TREE SPRING

DEAD BUCK SPRING 80-42

PIPELINE FROM BURNT TREE SPRING

EAST MTN. RIDGE SPRING #2 SL-064900

FLAG LAKE

BLOODY BEAR SPRING 80-44

SNOW LAKE

ALPINE SPRING 79-30

ROAN'S CANYON SPRING

COTTONWOOD CANYON CREEK WELL EM-31

MILLER CANYON MINE DISCHARGE UT-0022896-004 MM004

TRAIL MTN. MINE & SED. POND UTG-040003 001 & 002

TRAIL MTN. WELL TM-1B

UT-0022896-001

UT-0022896-002

UT-0022896-003

UT-0022896-005

COTTONWOOD WASTE ROCK WELL

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

GRIMES WASH FLUME RIGHT FORK GWRO1

GRIMES WASH FLUME LEFT FORK GWRO2

GRIMES WASH FLUME BELOW MINE GWRO3

U.S.E.&L. CO. EAST MTN. WEATHER STATION

S.U.L.A. #1382

S.U.L.A. 1195

SLB-1 (USGS-1)

SLB-2 (USGS-2)

SLB-3 (USGS-9)

SLB-4 (USGS-8)

SLB-5

SLB-7

SLB-34 (USGS-34)

SLB-24 (USGS-6)

CLB-2 (USGS-2)

CLB-34 (USGS-34)

T. 16 S.
T. 17 S.
T. 17 S.
T. 18 S.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8-11-09 | ADDED DRILL HOLE EM-212 AND REVISED ROADS TO REFLECT AERIAL PHOTOGRAPH | KJL | | 5-6-09 | UPDATED DRILL HOLES IN ML-48258 | KJL | |
| | | | | 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 | |
| DATE | REVISIONS | BY | CHK | DATE | REVISIONS | BY | CHK |

File in:
☐ Confidential
☒ Shelf (Annual Report)
☐ Expandable
Date Filed: 04/13/2010 C/O 01/30/2018
See _____ For additional information

STATE OF UTAH — REFERENCE NUMBER 5234167-2250 — CHARLES E. LARSKI — LICENSED PROFESSIONAL GEOLOGIST

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DIV. OF OIL, GAS & MINING

HM-1

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

**ENERGY WEST MINING COMPANY**
A SUBSIDIARY OF PACIFICORP

# EAST MOUNTAIN PROPERTY HYDROLOGY DATA MAP

DRAWN BY: K. LARSEN
SCALE: 1"=2000'
DATE: APRIL 6, 2010
CE-10478-EM
DRAWING #:
SHEET 1 OF 1
REV. ___