U-06039

SL-050862

U-024319
RELINQUISHED
APRIL 24, 1992

U-024319

U-47979
RELINQUISHED
APRIL 24, 1992

STATE
ML-22509
Relinquished
12/6/01

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

U-47977

T. 16 S.
T. 17 S.

SL-064607
064621
RELINQUISHED
APRIL 24, 1992

U-084924

Left Fork Fault Zone

Left Fork Fault Zone

U-084923

U-47979

SULA
#1382

DETAILED INFORMATION NOT AVAILABLE IN THIS AREA

SL-070645
U-02292
RELINQUISHED
APRIL 24, 1992

SL-064607
064621

SL-070645
U-02292

SL-066116
RELINQUISHED
APRIL 24, 1992

ROAN'S CANYON FAULT GRABEN

McKINNON
FEE

SL-066116
RELINQUISHED
MAY 15, 1995

U-084924

U-084923

STRAIGHT CANYON SYNCLINE

SL-070645
U-02292
RELINQUISHED
APRIL 24, 1992

U-02664
RELINQUISHED
APRIL 24, 1992

DETAILED INFORMATION NOT AVAILABLE IN THIS AREA

U-040151

U-02664

U.P.&L. CO.
FEE

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

U-083066

U-1358
RELINQUISHED
APRIL 24, 1992

U-1358
RELINQUISHED
JUNE 12, 1995

U-02664
RELIN.
4-24-92

U-02664
RELINQUISHED
APRIL 24, 1992

U-040151

SL-064900

U-02664

U-044025
GRIMES WASH
PORTALS

U-1358
RELINQUISHED
APRIL 24, 1992

U-47978

U-02664

TRAIL MOUNTAIN ACCESS
INTAKE ELEV. 7287'
BELT ELEV. 7?0'

L.D.S.
FEE

U-47978
RELINQUISHED
APRIL 24, 1992

U-47978
RELINQUISHED
APRIL 24, 1992

FOREST SERVICE
SPECIAL USE
PERMIT

U-082996

MILLER CANYON
ELEV. 7400'
SEALED 87'
RECLAIMED JULY 99'

CHANNEL CANYON
ELEV. 7470'
SEALED DEC. 91'
RECLAIMED JULY 98'

U-47978
RELINQUISHED
OCTOBER 16, 1992

STATE
ML-22603
RELINQUISHED
JANUARY 31, 1996

U-47978
RELINQUISHED
APRIL 24, 1992

T. 17 S.
T. 18 S.

R. 6 E.
R. 7 E.

TMX-1

UTU-64375

TMTN-14

LONG TERM WATER SOURCES

LOCATION NUMBER	LOCATION DESCRIPTION	TYPE
1	2ND SOUTH X-CUT 11 1L = B-124	IN-MINE DRILL HOLE
2	TRAIL MOUNTAIN ACCESS X-CUT 32	SANDSTONE CHANNEL

PIEZOMETRIC DRILL HOLES

LOCATION NUMBER	LOCATION DESCRIPTION	STATUS
WCP-1	5TH WEST X-CUT 16 1R	SEALED
WCP-2	3RD SOUTH X-CUT 14 1R	SEALED
WCP-3	3RD SOUTH X-CUT 44 2R	SEALED
WCP-4	4TH EAST X-CUT 19 1R	SEALED

MINE WORKINGS UPDATED TO: MARCH 1, 2007

WATER SOURCES LEGEND

- 2 — LOCATION NUMBER
- 1 — WATER SOURCE TYPE (SEE FIGURE 8, 1982 HYDROLOGIC MONITORING REPORT)
- LONG TERM MONITORING LOCATION
- PAST MONITORING LOCATION (NOW DRY)
- 79 — LAST YEAR OF MEASURABLE FLOW
- 1 — SANDSTONE CHANNEL
- 2 — FAULT
- 3 — JOINTS AND FRACTURES
- 4A — ROOF BOLT HOLE
- 4B — EXPLORATION BORE HOLE

LEGEND

- LEASE BOUNDARY
- LEASE RELINQUISHMENT BOUNDARY
- U-044025 — LEASE NUMBERS
- FAULT (DASHED WHERE INFERRED)
- SANDSTONE CHANNELS
- EM-110 — DRILL HOLES
- SECTION LINES
- 23 — SECTION NUMBERS
- DIRECTION OF CURRENT
- +4602 — IN-MINE DRILL HOLES
- 7350 — HIAWATHA COAL SEAM STRUCTURE CONTOURS (FLOOR ELEVATIONS)
- SEAL

STATE OF UTAH — RECEIVED — SEP 02 2008 — DIV. OF OIL, GAS & MINING

File in:
☐ Confidential
☒ Shelf
☐ Expandable
Refer to Record No. 0053 Date 7/24/2008
In C/015/018, 2008, Incoming
For additional information

NOTE: MINE SEALED JUNE 2001

CAD FILE NAME/DISK#: HM-3.DWG

HM-3

ENERGY WEST MINING COMPANY
A SUBSIDIARY OF PACIFICORP

EAST MOUNTAIN PROPERTY
HIAWATHA COAL SEAM
IN-MINE WATER MONITORING LOCATIONS

DRAWN BY: K. LARSEN
SCALE: 1"=1000'
DATE: JUNE 18, 2008
DRAWING #: CE-10532-WB
SHEET 1 OF 1
REV.

DATE	REVISIONS	BY	CHK
3-22-07	UPDATED LEASE BOUNDARIES TO REFLECT LEASE RELINQUISHMENTS	KJL	
3-10-03	ADDED NOTATION MINE SEALED JUNE 2001	KJL	
3-6-02	ADDED COTTONWOOD MINE PORTAL SEALS	KJL	
12-5-00	UPDATED HIAWATHA STRUCTURE CONTOURS, HYDROLOGIC SEALS	KJL	
12-29-99	ADDED SEALS AND HIAWATHA STRUCTURE CONTOURS	KJL	
3-19-98	UPDATED DRILL HOLES	KJL	
8-27-97	ADDED IN-MINE DRILL HOLES	KJL	
5-21-97	ADDED OLD MINE WORKINGS, SECTION NAMES AND REVISED LEGEND	KJL	