SITLA MUDDY LEASE

NORTHWATER MITIGATION AREA

PINES LEASE

QUITCHUPAH FAN AND SHAFT SITE

QUITCHUPAH LEASE

QUITCHUPAH PORTALS

LINK CANYON PORTAL

LINK CANYON SUBSTATION NO. 2

LINK CANYON SUBSTATION NO. 1

4 EAST PORTALS

3 EAST PORTALS

WATER TANK

MINE SITE

SOUTH PORTALS PUMP HOUSE

SPRING COLLECTION FIELD

DRAIN FIELD

SPECIAL USE AREAS

WASTE ROCK DISPOSAL SITE

NOTES:

1. "LEASE AREA" INCLUDES ALL FEDERAL COAL LEASES, STATE COAL LEASES, FEE LANDS AND U.S.F.S. SPECIAL USE PERMIT (SUP) AREAS SHOWN ON THIS MAP.
2. SEE VOLUME 3 REGARDING OWNERSHIP AT WASTE ROCK DISPOSAL SITE.
3. SEE PLATE 5-2A REGARDING MINESITE AREA DETAIL.
4. SEE PLATE 5-2B REGARDING U.S.F.S. SPECIAL USE AREA DETAIL.
5. SEE PLATE 5-2C REGARDING PORTAL AREA DETAIL.
6. SEE PLATE 5-2D REGARDING LINK CANYON SUBSTATION NO. 1 AREA DETAIL.
7. SEE PLATE 5-2E REGARDING LINK CANYON SUBSTATION NO. 2 AREA DETAIL.
8. SEE PLATE 5-2F REGARDING LINK CANYON PORTAL AREA DETAIL.

## EXPLANATION

- SUFCO EXTERIOR LEASE BOUNDARY
- SUFCO INTERIOR LEASE BOUNDARY
- PERMIT BOUNDARY
- SPECIAL USE PERMIT BOUNDARY
- 100000 MC — MINE COORDINATES
- 2020000 SPC — STATE PLANE COORDINATES
- DISTURBED AREA BOUNDARY MARKER
- DISTURBED AREA BOUNDARY

## LEASE AREA

| | |
|---|---|
| 20,991.07 | ACRES FEDERAL COAL LEASES |
| 2,134.19 | ACRES UTAH STATE COAL LEASES |
| 640.00 | ACRES FEE COAL LEASES |
| 40.00 | ACRES WASTE ROCK DISPOSAL SITE |
| 15.32 | ACRES U.S.F.S. SPECIAL USE PERMITS |
| 23,820.58 | ACRES TOTAL LEASE AREA |

## ADJACENT AREA

1. BIOLOGY ADJACENT AREA IS A 0.5 MILE BUFFER AROUND ALL SURFACE DISTURBANCES.
2. SEE CHIA FOR HYDROLOGIC ADJACENT AREA BOUNDARY.

## LAND AND MINERAL OWNERSHIP

| LAND | MINERAL |
|---|---|
| UNITED STATES | STATE OF UTAH |
| UNITED STATES | UNITED STATES |
| VARIOUS OWNERS (AS SHOWN) | CANYON FUEL COMPANY, LLC |
| STATE OF UTAH | UNITED STATES |
| U.S.F.S. SPECIAL USE AREA | UNITED STATES |

| PERMIT AREA BOUNDARIES | SITE DESCRIPTION | PERMITTED DISTURBED AREA BOUNDARIES | ACTUAL AREA CURRENTLY DISTURBED TO BE RECLAIMED | SITE DESCRIPTION |
|---|---|---|---|---|
| 62.506 | SUFCO MAIN FACILITIES COMPLEX | 30.210 | 17.405 | MINE SITE, EAST SPRING CANYON |
| | | 0.967 | 0.39 | SPRING COLLECTION FIELD, CONVULSION CANYON |
| | | 0.220 | 0.075 | PUMP HOUSE, CONVULSION CANYON |
| | | 0.784 | 0.40 | LEACH FIELD, CONVULSION CANYON |
| 1.595 | WATER TANK, EAST SPRING CANYON | 1.595 | 0.193 | WATER TANK, EAST SPRING CANYON |
| 0.286 | 3 EAST PORTALS | 0.286 | 0.017 | 3 EAST PORTALS |
| 1.774 | 4 EAST PORTALS | 1.774 | 0.70 | 4 EAST PORTALS |
| 0.302 | SOUTH PORTALS | 0.302 | 0.017 | SOUTH PORTALS |
| 0.396 | QUITCHUPAH PORTALS | 0.396 | 0.017 | QUITCHUPAH PORTALS |
| 0.287 | LINK CANYON SUBSTATION NO. 1 | 0.287 | 0.18 | LINK CANYON SUBSTATION NO. 1 |
| 0.245 | LINK CANYON SUBSTATION NO. 2 | 0.245 | 0.12 | LINK CANYON SUBSTATION NO. 2 |
| 0.380 | LINK CANYON PORTAL | 0.380 | 0.18 | LINK CANYON PORTAL |
| 41.812 | WASTE ROCK DISPOSAL SITE | 11.690 | 10.23 | WASTE ROCK DISPOSAL SITE |
| 542.260 | NORTH WATER MITIGATION AREA | 0.000 | 0.000 | NORTH WATER MITIGATION AREA |
| 68.640 | QUITCHUPAH FAN & SHAFT SITE | 0.000 | 0.000 | QUITCHUPAH FAN AND SHAFT SITE |
| 720.483 | TOTAL | 49.136 | 29.924 | TOTAL |

REGISTERED PROFESSIONAL ENGINEER #334504-2202 JOHN D. BYARS 4-10-13 STATE OF UTAH

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

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| REVISIONS | | | | |
|---|---|---|---|---|
| NO. | DATE | REQ. BY | DWG. BY | REMARKS |
| 14 | 09/12/05 | MLD | BDH | |
| 15 | 02/20/07 | MLD | KBB | |
| 16 | 06/09/09 | MLD | KBB | |
| 17 | 06/11/10 | MLD | KBB | |
| 18 | 07/26/12 | MLD | KBB | |
| 19 | 04/10/13 | MLD | TRB | |

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

# LAND OWNERSHIP, LEASE, AND PERMIT AREA MAP

| SCALE: | DATE: | DRAWN BY: | ENGINEER: | SHEET NO. |
|---|---|---|---|---|
| 1" = 2000' | 01/08/97 | JMB/TRB | WKS | PLATE 5-6v19 |

CHECKED BY: MLD — FILE NAME: H:\DRAWINGS\MRP\PLATES\PLATE 5-6v19.dwg