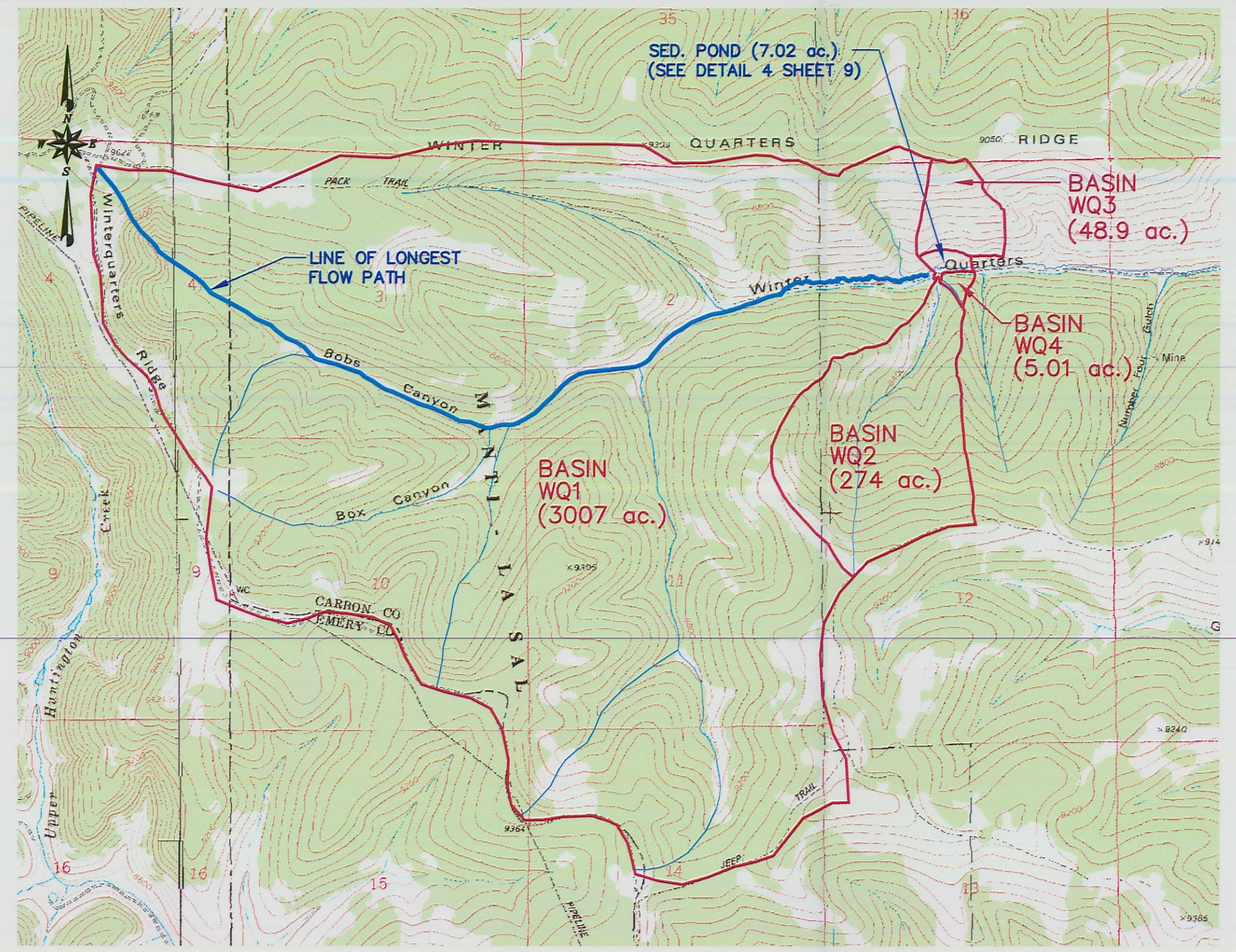



UPSTREAM DRAINAGE BASINS (1/9)
PLAN VIEW
1"=2000'
CONTOUR INTERVAL PER USGS, TYPICAL HERE 80'.

CUT AND FILL VOLUMES

ALL CONTOURS ON ALL SHEETS ARE 2 FOOT INTERVALS, EXCEPT WHERE NOTED OTHERWISE.

SHRINK OR SWELL FROM TRANSPORT/HANDLING OR COMPACTION EQUIPMENT NOT INCLUDED

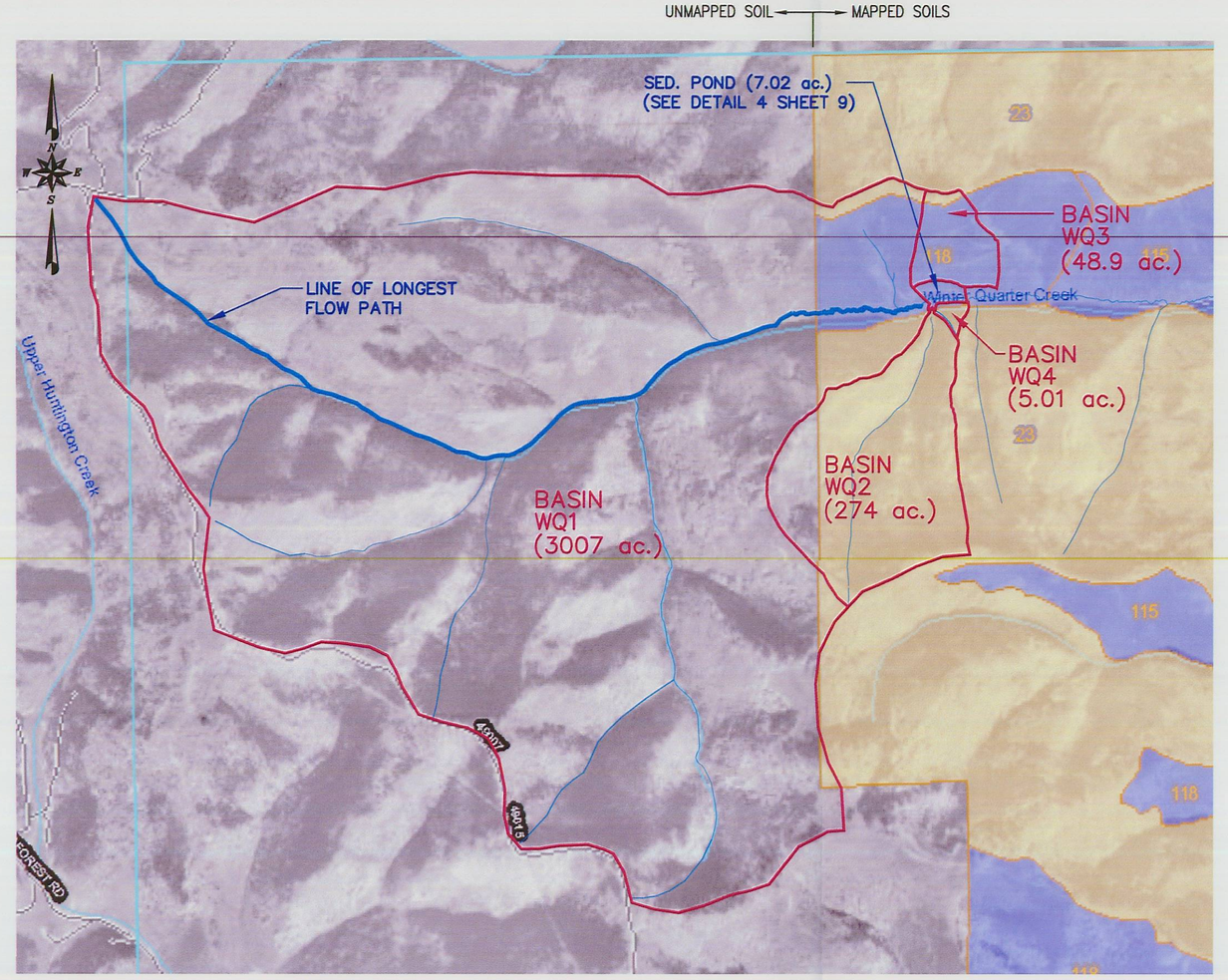
VOLUMES IN CUBIC YARDS

| LOCATION | CUT | FILL | NET |
|---|---|---|---|
| PADS TOPSOIL 2 FT DEEP | 5,430 | | 5,430 C |
| ROAD TOPSOIL 2 FT DEEP | 3,192 | | 3,192 C |
| POND & OTHER AREA TOPSOIL | 2,277 | | 2,277 C |
| TOTAL | | | 10,899 C |
| TOPSOIL STORAGE AREA (CAPACITY AS DRAWN)) | 0 | 11,366 | 11,366 F |
| POWER, SLOPE, AND VENTILATION PADS | 2,243 | 28,518 | 26,275 F |
| SITE ROAD | 5,429 | 739 | 4,690 C |
| ~~SEDIMENT POND~~ | ~~418~~ | ~~1,908~~ | ~~1,490 F~~ |
| TOTAL | | | 23,075 F |

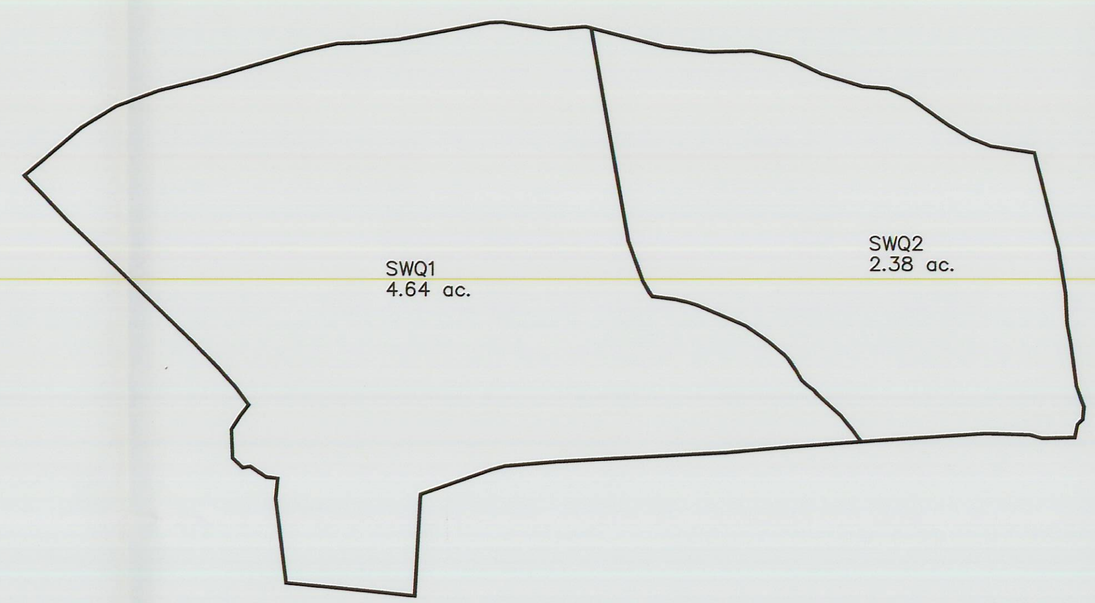
| | ACRES | PERIMETER (FT) |
|---|---|---|
| AREA OF TOPSOIL REMOVAL | 3.39 | |
| FENCED AREA | 4.64 | 2,180 |
| PERMIT AREA | 8.38 | 3,805 |

PROJECT QUANTITIES (3/9)
NO SCALE

UNMAPPED SOIL → ← MAPPED SOILS




HYDROLOGIC SOIL MAP OF SITE AREA (2/9)
PLAN VIEW
1"=2000'
SOURCE: USDA / NRCS WEB SOIL SURVEY 2.0
NUMBERS IN GOLD REFER TO SOIL TYPES. SSE REPORT FOR DETAILS.




SEDIMENTATION POND DRAINAGE BASINS (4/9)
PLAN VIEW
1"=100'

RECEIVED
OCT 22 2009
DIV. OF OIL, GAS & MINING

EarthFax Engineering, Inc.
Engineers/Scientists

AS SHOWN

SEAL:
REGISTERED PROFESSIONAL ENGINEER
No. 168246
RICHARD B. WHITE
STATE OF UTAH

| DATE | No. | REVISIONS |
|---|---|---|

WINTER QUARTERS VENTILATION
RUNOFF BASINS

Canyon Fuel Company, LLC
Skyline Mines

P.O. BOX 719 HELPER, UTAH 84526
801-637-7925

| | | |
|---|---|---|
| CAD FILE: EF-G:\UC794-16\3.24-3i | DATE: 9-18-09 | CK.BY: rbw |
| DWG. NO.: 3.2.4-3i | SCALE: AS SHOWN | DR.BY: st |

REVISION: