MIDDLE FORK

SOUTH FORK

MILLER CREEK

VEGETATION REFERENCE AREA SBR3

VEGETATION REFERENCE AREA SBR12

VEGETATION REFERENCE AREA PJR-4

VEGETATION REFERENCE AREA BR5

TOPSOIL STOCKPILE

TOPSOIL STOCKPILE

AREA E

AREA F

SUBSTITUTE TOPSOIL AREA C

SUBSTITUTE TOPSOIL AREA B

SUBSTITUTE TOPSOIL AREA D

SUBSTITUTE TOPSOIL AREA A

Vegetation Field Trial Study Site No. 1

Vegetation Field Trial Study Site No. 2

SLURRY POND NO. 1

SLURRY POND NO. 4
Seeded 1996
Seed Mix No. 2

SLURRY POND NO. 5

SEDIMENT POND
EPA ID. NO. 0006

SILT FENCE

TANK

TANKS

29 28
32 33

32 33
5 4

LEGEND

- PERMIT BOUNDARY
- VEGETATION TYPE BOUNDARY
- DISTURBED AREA BOUNDARY
- REFERENCE AREA
- SAMPLING SITE IN AREA OF PROPOSED DISTURBANCE

VEGETATION TYPES:

A	Aspen
B	Barren Land
G	Grassland
MC	Mixed Conifer
MC-A	Mixed Conifer-Aspen
MB	Mountain Brush
PJ	Pinyon-Juniper Woodland
R	Riparian
SB	Sagebrush
SH	High Elev. Sagebrush-Grass

RECEIVED
FEB 17 2009
DIV. OF OIL, GAS & MINING

N

SCALE 1"= 500'

500' 250' 0' 500' 1000'

CONTOUR INTERVAL 20'

LICENSED PROFESSIONAL ENGINEER
MARK A. REYNOLDS
5049078-2202
2/17/09
STATE OF UTAH

REVISION DATE:			
MAY 1998 (DO-97A)			
January 26, 1999 (DO-97A)			
JULY 2008 (DO-97A)			

REFERENCES:		
Exhibit III-5	Vegetation Types In South Fork Area	
Exhibit III-6	Vegetation Types In Middle Fork Area	
Appendix III-1	Vegetation Survey of U.S. Fuel Property, 1980	
Appendix III-2	Vegetation Survey of U.S. Fuel Property, 1981	
Appendix III-3	Vegetation Reference Areas	

Permit No: ACT/007/011

Drawn By: Miles Stephens

HIAWATHA COAL COMPANY
HIAWATHA, UTAH

VEGETATION TYPES IN HIAWATHA AREA

EXHIBIT
III-4