MATCH LINE

CARDONIA GROUTING

SITE NO.
2228

SITE 2228
CONTRACT DEL1815208524 / E008-284
CLAY COUNTY

ABANDONED COAL MINE RESTORATION

STATE OF INDIANA
INDIANA DEPARTMENT OF NATURAL RESOURCES
DIVISION OF RECLAMATION

MINE VOID GROUTING

SITE 2228
Lat: 39° 33' 55" N
Long: 87° 06' 26" W

USGS Topographic Map:
Brazil East US TOPO (USGS, 2013)
Van Buren Twp Section 16, 17, 18, 19, & 20 T-13N, R-6W
Scale 1" = 2,000'

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8. DETAILS

UTILITIES

The facilities of the following utilities exist near the project site but are not expected to be affected by the proposed construction.
If questions arise, the utility may be contacted using the information below.

ELECTRIC:
Duke Energy
305 N Main St
Martinsville, IN 46151
Tim Umbaugh
Phone: (765) 349-4012
Parke County R.E.M.C.
119 W High St
Rockville, IN 47872
Gene Baxter
Phone: (765) 569-4234

GAS:
Vectren (Terre Haute)
475 South 1st St
Terre Haute, IN 47807
Tim Hague
Phone: (812) 231-6434

WATER/SANITARY:
Carbon, Town of
13756 N Murphy Rd
Carbon, IN 47837
Ronald Keen
Phone: (812) 236-0984

Call Before You Dig: Indiana Underground Plant Protection Service (IUPPS) 1-800-382-5544 or 811 from your mobile phone.
Flow

1 in. x 2 in. wood stakes (typical)

Straw bales w/ wire or nylon binding

4 in. min.

STRAW BALE CHECK DAM

22" Min.

10' Max.

Fence posts shall be rough or finished 2 in. x 2 in. (nominal) or 2 1/2 in. dia. wood. 48 in. min. length, driven 18 in. min. into ground

Construction Area

Note:

Ends of individual rolls of fabric shall be securely fastened to a common post or overlapped 3 in. min.

Geotextile, stakes should be fastened to fabric in accordance with manufacturer recommendations

Embed approx. 8 in. of fabric. Backfill trench with earth, compact thoroughly.

Trench approx. 6 in. deep x 6 in. wide.

SILT FENCE

Experimental checks or FX are placed on the 10 ft. mark. The experimental checks are placed on the 10 ft. mark, with a 12 in. gap in between.

Existing soil cover

Typical hole cap

NOT TO SCALE

Salvaged Soil Cover from cuttings.

Injection Hole Grout

2 ft min.

12" Overcore, 6" minimum depth, 3500psi concrete

6" minimum Compacted Gravel

Existing concrete pavement

Thickness varies

Existing asphalt pavement

Thickness varies

Compacted Asphalt Cold Pack

Existing pavement

Thickness varies

Compacted Gravel

Injection Hole Grout

Borehole

Existing concrete pavement

Thickness varies

Injection Hole Grout

Borehole

Existing asphalt pavement

Thickness varies

Compacted Gravel

Existing concrete pavement

Thickness varies

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