

MINING & RECLAMATION PLAN MAP ENVIRONMENTAL RESOURCES MAP

COMPANY: APPOLO FUELS, INC. ADDRESS: P.O. BOX 1727, MIDDLERSBORO, KY 40965
 APPLICATION NUMBER: 807-0332 TYPE OF APPLICATION: AMENDMENT #1
 DATE: 05/17/10 LENGTH: 1" = 500'
 COUNTY: BELL COUNTY, KY CONTOUR INTERVAL: 20' QUADRANGLE: KAYWAY & FORK RIDGE
 NEAREST NAMED STREAM: HIGGINS CREEK NEAREST PUBLIC ROAD INTERSECTION: 0.67 MILES
 NORTHEAST OF THE JUNCTION OF KY 441 AND KY 74

ACTIVE/ABANDONED AREA DISCLAIMER
 The areas marked as "ACTIVE" and/or "ABANDONED" on this map were collected from a map purporting to be a true and correct copy of the original map. The engineer has not conducted a field investigation to verify the accuracy of the information shown on this map. It is the user's responsibility to verify the accuracy of the information shown on this map before using it for any purpose. No certification is intended for the accuracy of the information shown on this map.

MAP LEGEND

EXISTING DWELLING	EXISTING SURFACE PERMIT	EXISTING UNDERGROUND PERMIT
NON-EXISTING STRUCTURE	PROPOSED SURFACE PERMIT	PROPOSED UNDERGROUND PERMIT
NOTE: (Type Indicated)	COAL CROP LINES	HEALTHY SEAM
NO KNOWN WELLS	GROUNDWATER MONITORING POINT (GMP)	BUCKEYE SPRINGS SEAM
SURFACE WATER MONITORING POINT (SWMP)	POWER LINE	ACTIVE/ABANDONED MINE WORKS

ENVIRONMENTAL RESOURCES LEGEND

GEOLOGIC SAMPLE SITE	GROUNDWATER FLOW
GROUNDWATER USER	WATERSHED BOUNDARY
SURFACE WATER USER	WATERSHED LABEL ACREAGE
SURFACE OR GROUND WATER DISCHARGE	EXISTING DISTURBANCE
KPDES MONITORING POINT	

MINING & RECLAMATION PLAN LEGEND

BERM	MINERAL LEASE LINE
BELT CONVEYOR	PROPERTY LINE
CONTROLLED DRAINAGE	PROCESSING FACILITY
CULVERTS	ROCK CHECK
DIVERSION DITCH	SILT FENCE
EXPLOSIVE STORAGE AREA	SLOPE IN DEGREES
MINE ADITS	TOPSOIL STORAGE
BARRIER PROTECTION	

AREAS AND ACREAGES

CONTOUR MINE AREAS	SEAM / ELEV.	APPROX. WIDTH	APPROX. LENGTH	EXISTING ACREAGE	PROPOSED ACREAGE	TOTAL
POPULAR LICK / STERLING	1900'-2100' / 2100'-2300'	300'	2350'	198.12	158.30	356.42
POPULAR LICK MINE FACE-UP	DEEP MINE SITE: 1900'-2100'	-	-	0.00	0.00	0.00

STORAGE AREAS

SPILL STORAGE AREA #	EXISTING	PROPOSED
SPILL STORAGE AREA #1	1.60	1.60
SPILL STORAGE AREA #2	2.17	2.17

SILT STRUCTURES

ROAD	EXISTING	PROPOSED
DUG-OUT ON BENCH	22	3
DUG-OUT	-	-
EXISTING EMBANKMENT	-	-

ROADS

ROAD	EXISTING	APPROX. WIDTH	APPROX. LENGTH
ROAD "A"	100'	6.500'	15.04
ROAD "B"	100'	5.300'	12.39
ROAD "C"	-	-	1.13
ROAD "D"	100'	6.25	1.82
ROAD "E"	15'	274'	0.00
ROAD "F"	100'	272'	0.62
ROAD "G"	15'	7.427'	0.00
ROAD "H"	100'	265'	0.63
ROAD "I"	15'	2.117'	0.00
ROAD "J"	100'	265'	0.61
ROAD "K"	15'	8.038'	0.00
ROAD "L"	100'	657'	1.96
ROAD "M"	15'	1.631'	0.00
ROAD "N"	100'	302'	0.69
ROAD "O"	15'	2.127'	0.00
ROAD "P"	100'	1708'	8.82
ROAD "Q"	-	-	2.28
ROAD "R"	-	-	1.41

COAL STOCKPILE AREA

EXISTING	PROPOSED
EXISTING OFF PERMIT DISTURBANCE AREA	0.50
INCIDENTAL DISTURBANCE	1.02
MINE MANAGEMENT AREA	0.18
ROAD CONTROL ZONE	0.00
AUGER/HIGHWALL MINER UNDERGROUND AREAS POPULAR LICK AND STERLING SEAMS	108.64

TOTAL ACREAGES

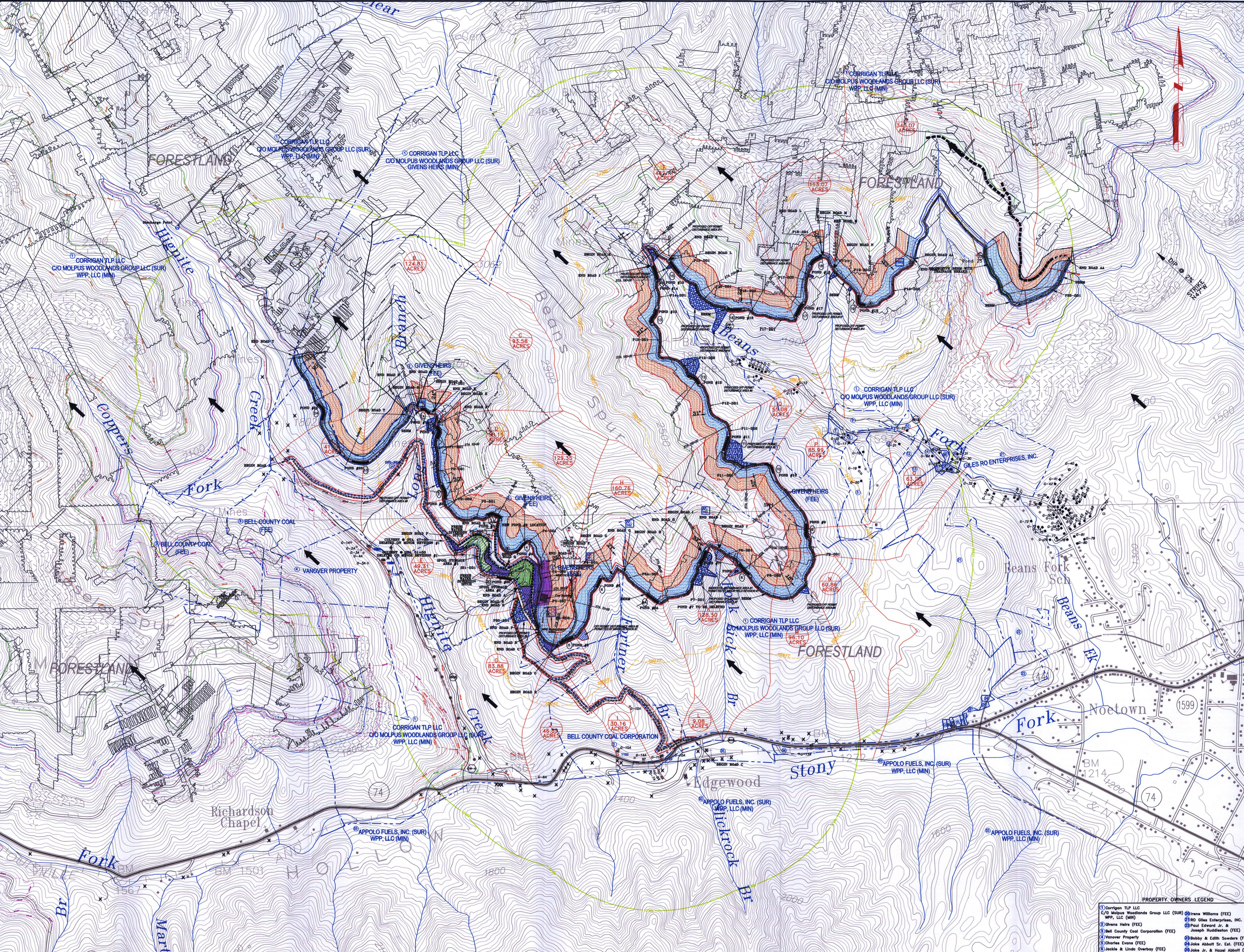
TOTAL SURFACE AREA	198.12	158.30	356.42
TOTAL UNDERGROUND AREA	108.64	0.00	108.64
GRAND TOTAL	306.76	158.30	465.06

PROPERTY OWNERS LEGEND
 1 Corrihan TLP LLC
 2 C/O MOLPUS WOODLANDS GROUP LLC (SUR) WPP, LLC (MIN)
 3 GIVENS HEIRS (FEE)
 4 BELL COUNTY COAL CORPORATION (FEE)
 5 VANOVER PROPERTY
 6 APPOLO FUELS, INC. (SUR) WPP, LLC (MIN)
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Prepared By
HOWARD
 Engineering and Geology, Inc.
 15,317 REGISTRATION NO. DATE 5/17/10
 HEREBY CONFIRM, IN ACCORDANCE WITH 405 KAR 7:040 E, SECTION 10 THAT THIS MAP IS CORRECT AS DETERMINED BY ACCEPTED ENGINEERING PRACTICES AND INCLUDES ALL INFORMATION REQUIRED OF IT BY KRS CHAPTER 250 KAR TITLE.

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Property Lines and Owners Furnished by Others
 Property lines shown on the map have not been traversed in the field by this engineer. Lines both interior and exterior have been plotted from old maps, through field interrogation, and from paper plotting and/or projection. No certification is intended for the accuracy of the property lines.



PREVIOUSLY PERMITTED

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100