



**LEGEND**

- PERMIT BOUNDARY
- PREVIOUSLY MINED LANDS
- DRAINAGE DIVIDE
- ◆ MONITORING STATIONS
- PROPOSED MITIGATION AREAS**
- PROPOSED RESTORED TYPE A STREAM CHANNELS
- PROPOSED RESTORED TYPE B STREAM CHANNELS
- PROPOSED RESTORED TYPE Bc STREAM CHANNELS
- RIPARIAN CORRIDOR



**RIPARIAN CORRIDOR REVEGETATION PLAN**

TYPE	SPECIES	PLANTING RATE/ACRE	SEEDING TIME
PERMANENT GRASS:	ORCHARDGRASS	10 LBS.	SPRING & FALL
	PERFOR	5 LBS.	SPRING & FALL
	PERENNIAL RYEGRASS	2 LBS.	SPRING & FALL
LEGUMES:	KOBE LESPEDeza	5 LBS.	SPRING & FALL
	BIRDFOOT TREFOIL	5-10 LBS.	SPRING & FALL
	LADINO AND/OR WHITE CLOVER	3 LBS.	SPRING & FALL
ANNUALS:	ANNUAL RYEGRASS	20 LBS.	FALL OR LATE WINTER ONLY
	FOXTAIL MILLET	5 LBS.	SPRING AND SUMMER ONLY
RIPARIAN TREES:	RYLER SIBCH, RED OAK, WHITE OAK, WILLOW OAK, PIN OAK, HAZEL ALDER, RED MAPLE, SUGAR MAPLE, GREEN ASH, WHITE ASH, TULIP POPLAR, BLACK CHERRY, SYCAMORE, BLACK WILLOW, BLACK WALNUT, CRAB APPLE, SILKY DOGWOOD, GRAVSTEM DOGWOOD, INDIANROSH, COMMON BUTTERNUT, SPECKLED ALDER, RED OSER DOGWOOD, CHOKE CHERRY, CHOKERBERRY, SILKY DOGWOOD, SILKY WILLOW, ELDERBERRY, WINTERBERRY HOLLY, COMMON SPICEBUSH*	APPROXIMATELY 110 EACH OF 6 SPECIES, OR APPROXIMATELY EQUAL NUMBERS TOTALING 660 IF MORE THAN 6 SPECIES ARE USED WITHIN A GIVEN AREA.	
FIBER/MULCH:	CELLULOSE OR WOOD FIBER	1,500 LBS.	

**GENERAL NOTES:**  
 \* PLANTED TREES SHALL BE SELECTED FROM AMONG THESE GROUPINGS. A MINIMUM OF FIVE (5) TREE SPECIES FROM THIS LIST SHOULD BE USED.

**D.R. ALLEN & ASSOCIATES, P.C.**  
 Civil • Environmental • Mining  
 Abingdon, Virginia

WHITESBURG  
 APPALACHIA QUAD  
 BIG STONE GAP

**A & G COAL CORPORATION**  
**ISON ROCK RIDGE SURFACE MINE**  
 VDMR PERMIT APPLICATION NO. 1003841  
 USACE PROJECT NO. NA0-2007-1351

**MITIGATION MAP**  
 (EAST)

DESIGNED	LMD	DATE	04-03-07
DRAWN	LMD	SCALE	1"=400'
CHECKED	DRA		
PROJECT NO.	FILE NAME	DRAWING NO.	
07-316B1	ENVIRONMENTAL-E.DWG	6 OF 8	