

GENERAL SPECIFICATIONS:

1. A pre-bid conference and site visit will be held and all parties intending to submit a bid are required to be present. The conference will be held at the Alabama Surface Mining Commission Office, Pinnacle Bank Building, 2nd floor, 1811 Second Avenue, Jasper, Alabama or an alternate location listed in the invitation to bid.
2. The purchase order will be awarded to the lowest bidder with bid not exceeding the amount of the bid limit. If a bidder does not feel that the project as outlined can be done for the amount of the bid limit, he may submit his own plan detailing what he can do to successfully reclaim the area for the bid limit or less. If all bidders feel the original plan cannot be implemented for the amount of the bid limit or less will be awarded the purchase order if their plan meets Commission approval.
3. The successful bidder will be required to obtain a storm water permit from the Alabama Department of Environmental Management (ADEM) and furnish a copy of the permit to the Commission prior to commencement of reclamation work. The Best Management Practicing Plan (BMP) required for the permit will be engineered and provided to the successful bidder by the Commission. The cost of the permit and implementation of the BMP is at the contractor's expense and should be considered during bid preparation. The BMP sediment control structures such as rock check dams, lay dams, silt fencing, etc., shall be installed by the contractor and inspected and approved by the Commission prior to commencement of reclamation work. It is the contractor's responsibility to meet permit requirements and to maintain all structures until they are released from the storm water permit by ADEM. (Storm water permit not required if grading is one acre or less.
4. Prior to issuance of the purchase order, the successful bidder must furnish proof of insurance (minimum limits of \$300,000 personal injury and &100,000 property damage (liability insurance).
5. Work must be performed in accordance with the requirements and the schedules outlined in each job specification. Payment will be made by the State following completion of the grading and revegetation and after inspection and approval of same by the Commission. Any deviation from the reclamation time schedule shall be shown and explained by prospective bidders.
6. Revegetation work shall not be initiated until final approval has been granted on the grade work. The Commission shall be notified when revegetation work is to begin. No materials (lime, fertilizer, seed or mulch) shall be applied without a representative of the Commission present

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unless previously approved by the Commission. Any materials applied without a representative of the Commission present (unless previously approved) shall not be considered as meeting the job specifications and shall be re-applied.

7. Documentary evidence (including receipts and tags from seed bags) will be required to demonstrate application of all materials (eg. Lime, fertilizer, seed, etc.) purchased.
8. If a contractor's bid is \$50,000 or more, the contractor must be a licensed general contractor in the State of Alabama before the bid can be considered (Code of Alabama 1975, Title 34-8). The general contractor's license number shall appear on the bid sheet as evidence of valid license.
9. All blasting shall be conducted by or under the direct supervision of a certified blaster. Either the scale – distance formula ($w=D/Ds^2$) or a seismograph shall be used to monitor all blasts with the following guidelines to apply:

Distance from blast to monitoring site*	Maximum peak particle velocity	Scaled distance factor (Ds) to be used
0-300 feet	1.25 inches/second	50
301-5000 feet	1.00 inches/second	55
5001 and beyond	0.75/inches/second	65

*Monitoring site(s) to be designated by the Commission. All blasting shall be conducted during daylight hours only.

RECLAMATION PROCEDURES:

The following procedures are further identified on the attached map.

HIGHWALL ELIMINATION:

Existing highwalls shall be reclaimed to the approximate original contour. Once highwalls have been eliminated, permanent vegetation shall be applied to the entire slope. Highwall elimination shall be performed with no exceptions. Any bid excluding highwall elimination will be rejected.

GRADING:

Grading shall be completed with 120 calendar days (weather permitting) following receipt of purchase order. Grading shall follow the cardinal directions identified on the attached map. Final graded slopes shall be restored to approximate original contour. Coal pad areas identified on the attached maps shall have coal and stockpiled material removed. Said material will be relocated to an area on-site for permanent stabilization. Once the coal pads have been ripped and regraded, a minimum of 4 feet of material shall be evenly distributed over the entire area of the coal pads. Gravel shall be removed from the parking lot and placed along the haul road where needed. The haul road shall be reduced to a one-lane roadway. Fill material shall be placed and compacted into the small sinkhole located in the dam of Basin 001-AP. Diversion berms shall be constructed as needed to direct stormwater as well as to help reduce stormwater flow velocity.

BASIN REMOVAL:

Basin 001-BP depicted on the attached map shall be removed. Said basin shall remain in place throughout grading activities. Basin shall be removed via ASMC approved removal plan.

DRAINAGE FEATURES:

1. Down drain structure #1 (D-1) is located southwest of Basin 001-BP. D-1 shall be lined and compacted with Class II riprap. Riprap shall extend a minimum of 2 feet up each side of the swale slope 2' x 85' x 15'. Larger Class II riprap shall be incorporated into the final 5 feet of toe of the down drain apron. Riprap shall be keyed into the top, sides, and toe of the drain.
2. Down drain structure #2 (D-2) is located adjacent to the western boundary of Basin 001-AP. D-2 shall be lined and compacted with Class II riprap.

Riprap shall extend a minimum of 2 feet up each side of the swale slope 2' x 100' x 20'. Larger Class II riprap shall be incorporated into the final 5 feet of toe of the down drain apron. Riprap shall be keyed into the top, sides, and toe of the drain.

3. Down drain structure #3 (D-3) is located west of highwall #1. D-3 shall be lined and compacted with Class II riprap. Riprap shall extend a minimum of 2 feet up each side of the swale slope 2'x75'x12'. Riprap shall be keyed into the top, sides, and toe of the drain.
4. Down drain structure #4 (D-4) is located northeast of Basin 001-BP. D-4 shall be lined and compacted with Class II riprap. Riprap shall extend a minimum of 2 feet up each side of the swale slope 2'x50'x12'. Riprap shall be keyed into the top, sides, and toe of the drain.

REVEGETATION:

Revegetation shall be completed within 45 calendar days (weather permitting) following inspection and approval of grading. Seed mixtures illustrated in the below provided appropriate Table 1 or 2 shall be applied to all areas of exposed soil. *Seeding rates in excess of those specified may be used at contractor's discretion.*

Table 1: Fall/Winter Mix

Seed Species	Percent of Mix	Application Rate
Kentucky # 31 Tall Fescue	65%	48.75 lbs./acre
Bermudagrass	10%	7.5 lbs./acre
Sericea Lespedeza	10%	7.5 lbs./acre
Durana White Clover	10%	7.5 lbs./acre
Small Grains	5%	3.75lbs. /acre
TOTALS:	100%	75lbs./acre

Table 2: Spring/Summer Mix

Seed Species	Percent of Mix	Application Rate
Kentucky # 31 Tall Fescue	35%	26.25 lbs./acre
Bermudagrass	20%	15 lbs./acre
Sericea Lespedeza	30%	22.5 lbs./acre
Durana Clover	10%	7.5 lbs./acre
Browntop Millet	5%	3.75lbs./acre
TOTALS:	100%	75lbs./acre

Only certified seed shall be used and all legumes must be treated with appropriate inoculums. In the event pre-mixed seed is applied, each individual bag shall be tagged illustrating and warranting seed species purity within the blend. If non pre-mixed seed is used, seed shall be applied in single applications for each species. All seed tags shall be retained for billing purposes as described

in the *General Specifications*. Fertilizer may be applied per bag and/or granular bulk form. Soil amendments may be added in excess of soil testing recommendations at contractor's discretion. Seedbed preparation shall follow Table 3 provided below:

Table 3:

	Application	Application Rate
1.	Lime	3 tons per acre on 115 acres
2.	Fertilization	800 lbs. per acre of 13-13-13 on 115 acres
3.	Scarification	Discing
4.	Seeding	Refer to Table: 1 for species and application rates
5.	Mulching	Minimum of 4 rolls or 60 bales per acre on 115 acres

Soil amendments may be added in excess at contractor's discretion.

NOTE: Documentary evidence will be required to demonstrate application of all materials; e.g., lime, fertilizer, seed, riprap purchased.

Tree Planting:

Tree planting shall be performed on approximately 21 acres located in the southwestern area of the site. Approximate location is illustrated on the attached map. Trees shall be planted in accordance with the below provided Table 4:

Table 4:

Species	Number of Seedlings per Acre	Planting Spacing
Loblolly Pine	807	6'x9'

*Pine seedlings shall be improved stock with roots dipped in clay slurry.

GROUNDSKEEPING:

Abandoned equipment and refuse relating to mining operation shall be removed from the subject site and appropriately disposed of in accordance to Federal, State, and local regulations.

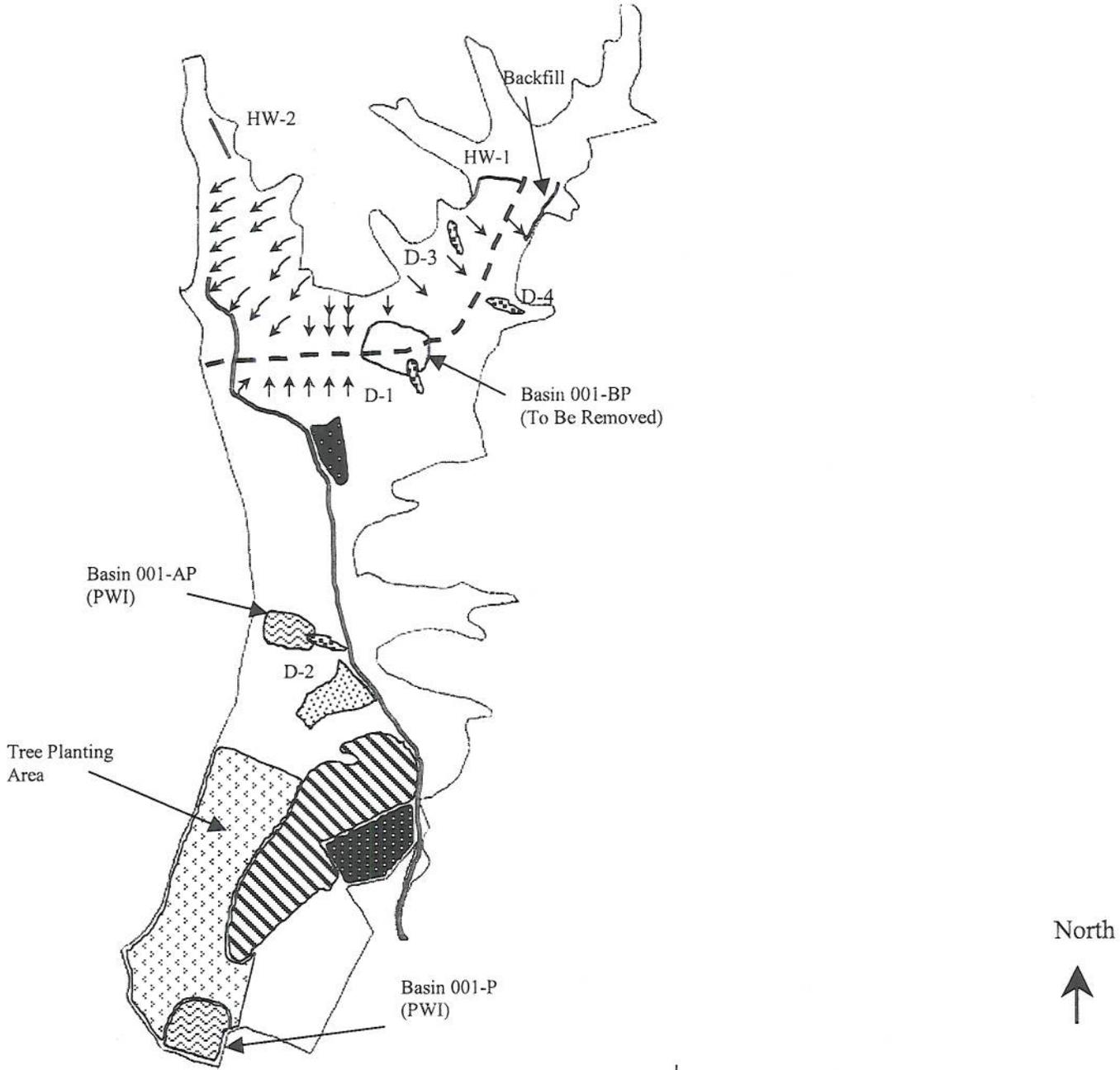
AGENCY REQ. #327000
SNAP REQ. #1418222



Uptown Motors, Inc.
Guthrie Creek Mine
Walker County, Alabama
Township 15 South
Range 8 West
Sections 1&12
Township 15 South
Range 7 West
Section 6

Entrance Coordinates:
33° 45' 29.3" N
87° 19' 29.85" W

AGENCY REQ. #327000
 SNAP REQ. #1418222

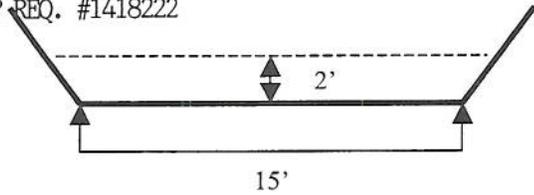


Uptown Motors, Inc.
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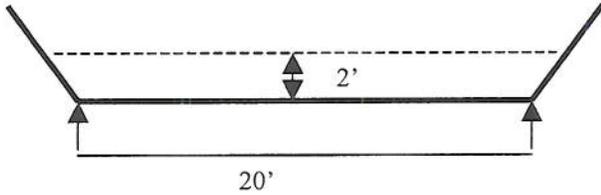
LEGEND:

	Downdrain Structure (D)		Highwall (HW)
	Coal Pad		Grading Direction
	Out Parcel		Backfill
	Gravel Parking Lot		Drainage Swale
	Permanent Water Impoundment (PWI)		Haul Road
	Tree Planting Area		Map Not To Scale

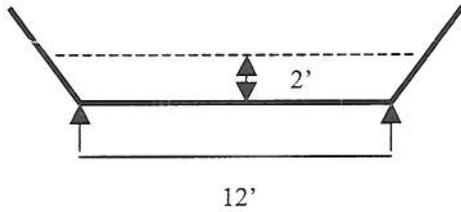
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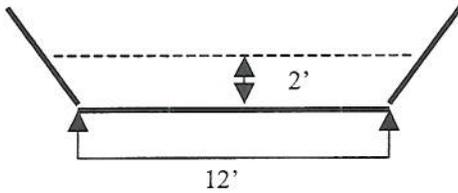
D-1: Length 85'
Riprap Tonnage: 155



D-2: Length 100'
Riprap Tonnage: 231



D-3: Length 75'
Riprap Tonnage: 115



D-4: Length 50'
Riprap Tonnage: 77

Total riprap for Downdrains 1-4 is 578 tons.

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Sections 1&12
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