



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION



Bureau of Mining Programs

2015 Bond Rate Guidelines for the Calculation of Land Reclamation Bonds on Coal Mining Operations

MRAB Meeting
January 22, 2015

2014 AML Reclamation Grading Costs

- 10 AML Reclamation Projects with Grading
- 4,612,457 Total Cubic Yards
- Average of 3 Lowest Bids was \$.92 per Cubic Yard

2012 - 2014 AML Reclamation Grading Costs

- Grading Costs Range from \$.40 - \$6.00 per Cubic Yard
- Even distribution of grading frequency between \$.80 and \$1.00. Highest frequency at \$1.00

2015 Bond Rate Summary (projected cost amount)

- Grading (<500 Ft push) \$.95 per Cu Yd
- Grading (\geq 500 Ft push/haul) \$1.20 per Cu Yd
- Selective Grading \$1,700 per Acre
- Revegetation \$1,900 per Acre

2015 Bond Rate Summary (projected cost amount)

- Tree Planting \$2.00 per Tree.
- Based on reclamation contract amounts rather than DCNR nursery stock price.

2015 Bond Rate Summary (projected cost amount)

- Ditch Excavation \$7.00 per Cubic Yd
- Jute Matting \$4.00 per Square Yd
- HV Erosion Control \$3.80 per Square Yd

2015 Bond Rate Summary (projected cost amount)

- AASTO No. 1 \$29.00 per Ton
- AASHTO No. 57 \$30.00 per Ton
- R3 Rock Lining \$33.00 per Ton
- R4 Rock Lining \$25.00 per Ton

2015 Bond Rate Summary (projected cost amount)

- R5 Rock Lining \$27.00 per Ton
- Geotextile/Filter Fabric \$2.80 per Square Yd
- PVC Lining \$12.00 per Square Yd

2015 Bond Rate Summary (projected cost amount)

- Subsurface Drain \$19.00 per Lineal Ft
- Stage 3 Maintenance Bond Non-Cropland
\$100 per Acre
- Stage 3 Maintenance Bond Pastureland or Hay
\$550 per Acre

2015 Bond Rate Summary (projected cost amount)

- Stage 3 Maintenance Bond Cropland Row
Crops \$850 per Acre

2015 Bond Rate Effective Date

- Effective Date is April 1, 2015
- Publish in *PA Bulletin* During February or March 2015



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