



Bureau of Mining Programs

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

Mining and Reclamation Advisory Board Meeting
Oct. 23, 2014

▶ 2014 AML Reclamation Grading Costs

- 7 AML reclamation projects with grading
- 1,968,157 total cubic yards
- Average of 3 lowest bids was \$.87 per cubic yard

▶ 2012-14 AML Reclamation Grading Costs

- Grading costs range from \$.40 - \$6.00 per cubic yard
- Even distribution of grading frequency between \$.80 and \$1

2015 Bond Rate Summary (current values)

- Grading (<500 Ft push) \$.95 per cubic yard
- Grading (\geq 500 Ft push/haul) \$1.20 per cubic yard
- Selective Grading \$1,700 per acre
- Revegetation \$1,900 per acre

2015 Bond Rate Summary (current values)

- Tree planting \$2 per tree
- Ditch excavation \$7 per cubic yard
- Jute matting \$4 per square yard
- HV erosion control \$3.80 per square yard

2015 Bond Rate Summary (current values)

- AASTO No. 1 \$29 per ton
- AASHTO No. 57 \$30 per ton
- R3 Rock Lining \$33 per ton
- R4 Rock Lining \$25 per ton

2015 Bond Rate Summary (current values)

- R5 rock lining \$27 per ton
- Geotextile/filter fabric \$2.80 per square yard
- PVC lining \$12 per square yard
- Lime \$45 per ton

2015 Bond Rate Summary (current values)

- Subsurface drain \$19 per lineal foot
- Stage 3 maintenance bond non-cropland
\$100 per acre
- Stage 3 maintenance bond pastureland or hay
\$550 per acre

▶ 2015 Bond Rate Summary (current values)

- Stage 3 maintenance bond cropland row crops
\$850 per acre

2015 Bond Rate Effective Date

- April 1, 2015
- Publish in *Pennsylvania Bulletin* during February or March 2015



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DEPARTMENT OF ENVIRONMENTAL PROTECTION



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