
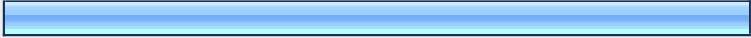


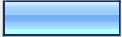
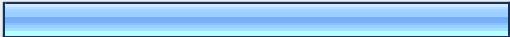
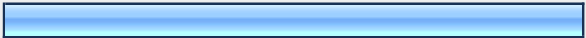
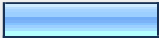
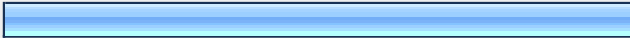
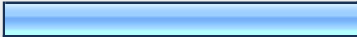


# IMCC Noncoal Minerals Questionnaire

1. Indicate Your State:		
		Response Count
		41
<i>answered question</i>		<b>41</b>
<i>skipped question</i>		<b>0</b>

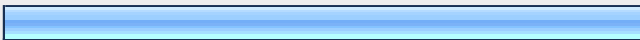
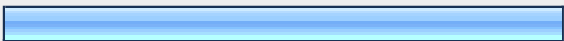
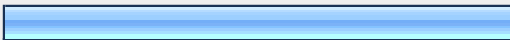
2. Does your state currently regulate the SURFACE MINING of noncoal minerals on:			
		Response Percent	Response Count
Federal Lands		60.0%	24
State Lands		82.5%	33
Indian Lands		25.0%	10
<b>Private Lands</b>		<b>92.5%</b>	37
Other (please specify)		12.5%	5
		<i>answered question</i>	<b>40</b>
		<i>skipped question</i>	<b>1</b>

3. Does your state currently regulate the UNDERGROUND MINING of noncoal minerals on:			
		Response Percent	Response Count
Federal Lands		55.6%	20
State Lands		63.9%	23
Indian Lands		16.7%	6
<b>Private Lands</b>		<b>69.4%</b>	25
Other (please specify)		38.9%	14
		<i>answered question</i>	<b>36</b>
		<i>skipped question</i>	<b>5</b>

**4. What area(s) are regulated for SURFACE MINING?**

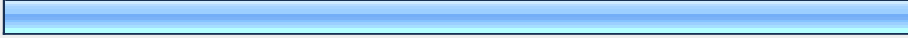
		Response Percent	Response Count
Public Health and Safety		78.9%	30
Mining Operations		86.8%	33
<b>Reclamation</b>		<b>100.0%</b>	38
Processing Plants		81.6%	31
Loading Facilities		73.7%	28
Environmental Controls		86.8%	33
Exploration Drilling		63.2%	24
Blasting		71.1%	27
Other (please specify)		18.4%	7
		<b>answered question</b>	<b>38</b>
		<b>skipped question</b>	<b>3</b>



**5. What area(s) are regulated for UNDERGROUND MINING?**



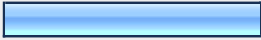


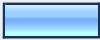
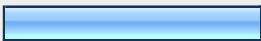
		Response Percent	Response Count
<b>Public Health and Safety</b>		<b>70.6%</b>	24
Mining Operations		61.8%	21
Reclamation		67.6%	23
Processing Plants		64.7%	22
Loading Facilities		55.9%	19
<b>Environmental Controls</b>		<b>70.6%</b>	24
Exploration Drilling		47.1%	16
Blasting		52.9%	18
Other (please specify)		35.3%	12
		<b>answered question</b>	<b>34</b>
		<b>skipped question</b>	<b>7</b>




6. Date of legislation establishing your state's regulatory authority:		
		Response Count
		37
<i>answered question</i>		37
<i>skipped question</i>		4

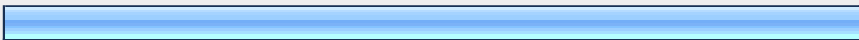

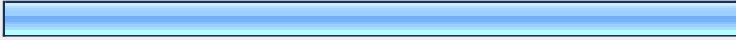
7. Date(s) of any amendment(s) to legislation establishing your state's regulatory authority:		
		Response Count
		31
<i>answered question</i>		31
<i>skipped question</i>		10

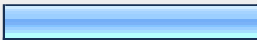


8. Has your state ever regulated the mining of noncoal minerals?			
		Response Percent	Response Count
Yes		100.0%	39
No		0.0%	0
<i>answered question</i>			39
<i>skipped question</i>			2

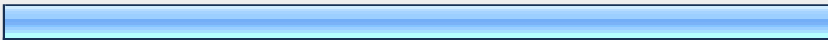

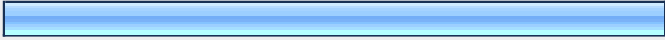
9. If you do not currently regulate the mining of noncoal minerals, but have in the past:			
		Response Percent	Response Count
When was law in place?		100.0%	4
When was law repealed?		75.0%	3
<i>answered question</i>			4
<i>skipped question</i>			37

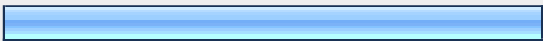

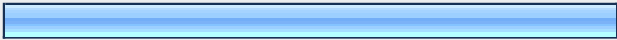
10. Source(s) of Operating Fund (Check Applicable Source(s)):			
		Response Percent	Response Count
General Revenue		71.8%	28
<b>Operator Fees (Permit Fees)</b>		<b>74.4%</b>	29
Fines, Penalties		28.2%	11
Federal Funding		12.8%	5
Special Taxes (Severance, etc.)		12.8%	5
Other		10.3%	4
Please Specify Type(s) of Special Taxes, If Applicable, and Any Other Source(s) of Operating Fund Not Listed		28.2%	11
		<b>answered question</b>	<b>39</b>
		<b>skipped question</b>	<b>2</b>

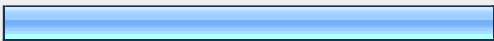

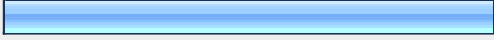
11. Have you promulgated SURFACE MINING regulations for noncoal minerals?			
		Response Percent	Response Count
Yes		84.2%	32
No		10.5%	4
If yes, when?		81.6%	31
		<b>answered question</b>	<b>38</b>
		<b>skipped question</b>	<b>3</b>


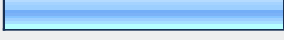
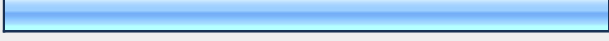
12. For SURFACE MINING do you require a PERMIT?			
		Response Percent	Response Count
Yes		94.6%	35
No		2.7%	1
Please specify duration, whether it's renewable, how often it's renewable, and whether it's transferable:		81.1%	30
<b>answered question</b>			<b>37</b>
<b>skipped question</b>			<b>4</b>

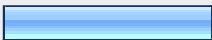
13. For SURFACE MINING do you require a LICENSE?			
		Response Percent	Response Count
Yes		27.8%	10
No		72.2%	26
Please specify duration, whether it's renewable, how often it's renewable, and whether it's transferable:		27.8%	10
<b>answered question</b>			<b>36</b>
<b>skipped question</b>			<b>5</b>

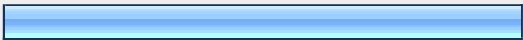

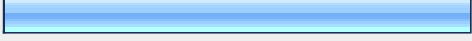
14. For SURFACE MINING do you require a RECLAMATION PLAN?			
		Response Percent	Response Count
Yes		91.9%	34
No		8.1%	3
Please specify duration, whether it's renewable, how often it's renewable, and whether it's transferable:		73.0%	27
<b>answered question</b>			<b>37</b>
<b>skipped question</b>			<b>4</b>


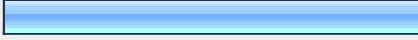
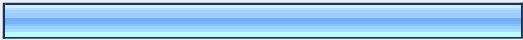
15. For SURFACE MINING do you require any other authorizing document(s)?			Response Percent	Response Count
Yes			59.5%	22
No			35.1%	13
Please specify type(s), duration, whether it's renewable, how often it's renewable, and whether it's transferable:			67.6%	25
			<i>answered question</i>	<b>37</b>
			<i>skipped question</i>	<b>4</b>

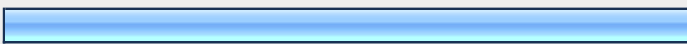

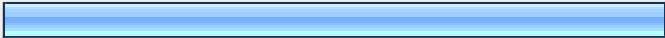
16. Have you promulgated UNDERGROUND MINING regulations for noncoal minerals?			Response Percent	Response Count
Yes			54.1%	20
No			43.2%	16
If yes, when?			54.1%	20
			<i>answered question</i>	<b>37</b>
			<i>skipped question</i>	<b>4</b>

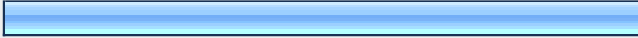


17. For UNDERGROUND MINING, do you require a PERMIT?			Response Percent	Response Count
Yes			63.9%	23
No			30.6%	11
Please specify duration, whether it's renewable, how often it's renewable, and whether it's transferable:			66.7%	24
			<i>answered question</i>	<b>36</b>
			<i>skipped question</i>	<b>5</b>

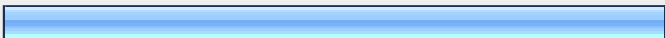
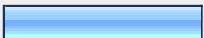
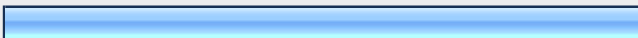
18. For UNDERGROUND MINING do you require a LICENSE?			
		Response Percent	Response Count
Yes		22.9%	8
No		71.4%	25
Please specify duration, whether it's renewable, how often it's renewable, and whether it's transferable:			
		28.6%	10
<b>answered question</b>			<b>35</b>
<b>skipped question</b>			<b>6</b>

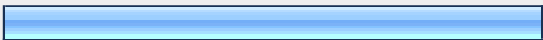


19. For UNDERGROUND MINING do you require a RECLAMATION PLAN?			
		Response Percent	Response Count
Yes		57.1%	20
No		37.1%	13
Please specify duration, whether it's renewable, how often it's renewable, and whether it's transferable:			
		51.4%	18
<b>answered question</b>			<b>35</b>
<b>skipped question</b>			<b>6</b>

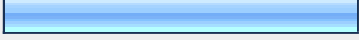

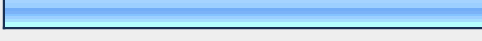
20. For UNDERGROUND MINING do you require any other authorizing document(s)?			
		Response Percent	Response Count
Yes		48.6%	17
No		45.7%	16
Please specify type(s), duration, whether it's renewable, how often it's renewable, and whether it's transferable:			
		57.1%	20
<b>answered question</b>			<b>35</b>
<b>skipped question</b>			<b>6</b>


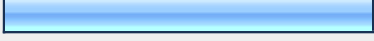
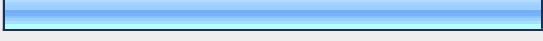
21. Does your state provide for an exemption from permitting?			
		Response Percent	Response Count
Yes		75.7%	28
No		27.0%	10
If so, for what categories?		73.0%	27
<i>answered question</i>			<b>37</b>
<i>skipped question</i>			<b>4</b>

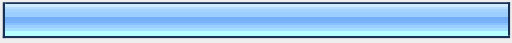
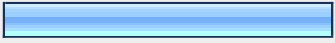

22. Is any HYDROLOGY premining environmental data required as part of the application?			
		Response Percent	Response Count
Yes		70.3%	26
No		29.7%	11
If yes, what types of data:		62.2%	23
<i>answered question</i>			<b>37</b>
<i>skipped question</i>			<b>4</b>

23. Is any GEOLOGY premining environmental data required as part of the application?			
		Response Percent	Response Count
Yes		73.0%	27
No		21.6%	8
If yes, what types of data?		70.3%	26
<i>answered question</i>			<b>37</b>
<i>skipped question</i>			<b>4</b>

24. Is any LAND USE/ZONING premining environmental data required as part of the application?				
			Response Percent	Response Count
Yes			59.5%	22
No			37.8%	14
If yes, which types of data?			64.9%	24
			<i>answered question</i>	<b>37</b>
			<i>skipped question</i>	<b>4</b>

25. Is any AIR QUALITY premining environmental data required as part of the application?				
			Response Percent	Response Count
Yes			38.9%	14
No			58.3%	21
If yes, which types of data?			52.8%	19
			<i>answered question</i>	<b>36</b>
			<i>skipped question</i>	<b>5</b>

26. Is any HISTORICAL/ARCHEOLOGICAL IMPACT premining environmental data required as part of the application?				
			Response Percent	Response Count
Yes			59.5%	22
No			40.5%	15
If yes, what types of data?			59.5%	22
			<i>answered question</i>	<b>37</b>
			<i>skipped question</i>	<b>4</b>

27. Is any OTHER premining environmental data required as part of the application?			Response Percent	Response Count
Yes			55.6%	20
No			36.1%	13
Yes (Please specify what data and types)			58.3%	21
			<i>answered question</i>	<b>36</b>
			<i>skipped question</i>	<b>5</b>

28. What lateral distance prohibitions or special requirements exist with regard to ADJACENT PROPERTIES (churches, occupied dwellings, schools, etc.)?		Response Count
		34
		<i>answered question</i>
		<b>34</b>
		<i>skipped question</i>
		<b>7</b>

29. What lateral distance prohibitions or special requirements exist with regard to PUBLIC ROADS?		Response Count
		34
		<i>answered question</i>
		<b>34</b>
		<i>skipped question</i>
		<b>7</b>

30. What lateral distance prohibitions or special requirements exist with regard to PUBLIC UTILITIES (telephone, gas and power lines)?		Response Count
		34
		<i>answered question</i>
		<b>34</b>
		<i>skipped question</i>
		<b>7</b>

31. What lateral distance prohibitions or special requirements exist with regard to GAS/OIL WELLS?		Response Count
		34
	<i>answered question</i>	34
	<i>skipped question</i>	7

32. What lateral distance prohibitions or special requirements exist with regard to RIVERS/STREAMS?		Response Count
		34
	<i>answered question</i>	34
	<i>skipped question</i>	7

33. What lateral distance prohibitions or special requirements exist with regard to SIGNIFICANT HISTORIC FEATURES?		Response Count
		34
	<i>answered question</i>	34
	<i>skipped question</i>	7

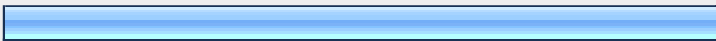


34. What lateral distance prohibitions or special requirements exist with regard to WETLANDS?		Response Count
		34
	<i>answered question</i>	34
	<i>skipped question</i>	7

35. What lateral distance prohibitions or special requirements exist with regard to MINING DEPTH (AND PROXIMITY TO ADJOINING PROPERTY)?		Response Count
		34
	<i>answered question</i>	34
	<i>skipped question</i>	7



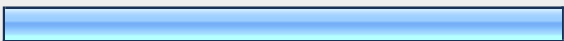
36. What lateral distance prohibitions or special requirements exist with regard to PUBLIC WATER SUPPLIES?		Response Count
		34
	<i>answered question</i>	34
	<i>skipped question</i>	7

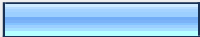
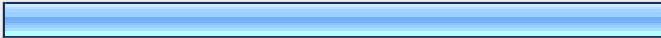
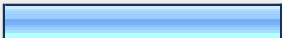
37. What lateral distance prohibitions or special requirements exist with regard to GROUNDWATER PROTECTION?		Response Count
		33
	<i>answered question</i>	33
	<i>skipped question</i>	8

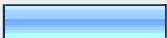

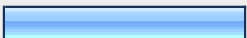
38. What lateral distance prohibitions or special requirements exist with regard to BLASTING?		Response Count
		32
	<i>answered question</i>	32
	<i>skipped question</i>	9

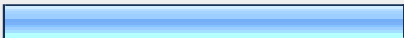
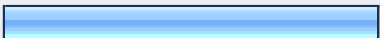
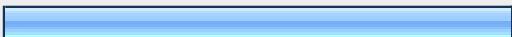
39. Is an evaluation of the lateral distance issues above conducted during permit review?				
			Response Percent	Response Count
Yes			78.8%	26
No			18.2%	6
If so, please specify for which issues:			63.6%	21
<i>answered question</i>				<b>33</b>
<i>skipped question</i>				<b>8</b>

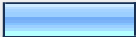
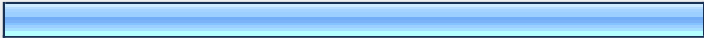

40. Describe the statutory authority to enter and inspect mining operations:			
	Yes	No	Response Count
Is entry pursuant to administrative authority?	<b>97.2% (35)</b>	2.8% (1)	36
Is prior notice required?	22.9% (8)	<b>77.1% (27)</b>	35
Are police powers required to enter?	6.1% (2)	<b>93.9% (31)</b>	33
<i>answered question</i>			<b>36</b>
<i>skipped question</i>			<b>5</b>

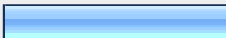

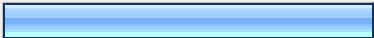
41. Is a PERMIT FEE required for UNDERGROUND MINING?				
			Response Percent	Response Count
Yes			55.9%	19
No			35.3%	12
If yes, please indicate fee amount, renewal fee, and modification or amendment fee:			61.8%	21
<i>answered question</i>				<b>34</b>
<i>skipped question</i>				<b>7</b>

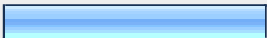
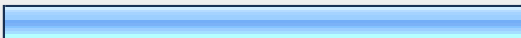
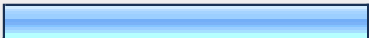
42. Is a LICENSE FEE required for UNDERGROUND MINING?			Response Percent	Response Count
Yes			21.2%	7
No			72.7%	24
If yes, please indicate fee amount, renewal fee, and modification or amendment fee:			30.3%	10
			<b>answered question</b>	<b>33</b>
			<b>skipped question</b>	<b>8</b>

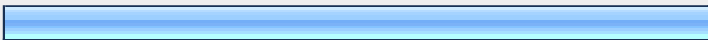

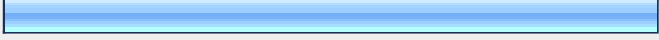
43. Is a RECLAMATION FEE required for UNDERGROUND MINING?			Response Percent	Response Count
Yes			17.6%	6
No			70.6%	24
If yes, please indicate fee amount, renewal fee, and modification or amendment fee:			26.5%	9
			<b>answered question</b>	<b>34</b>
			<b>skipped question</b>	<b>7</b>

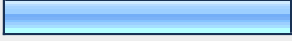
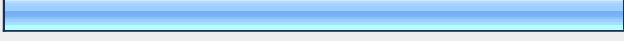
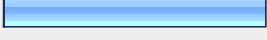
44. Is an APPLICATION FEE required for UNDERGROUND MINING?			Response Percent	Response Count
Yes			44.1%	15
No			41.2%	14
If yes, please indicate fee amount, renewal fee, and modification or amendment fee:			55.9%	19
			<b>answered question</b>	<b>34</b>
			<b>skipped question</b>	<b>7</b>

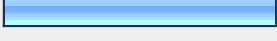
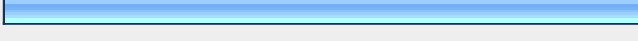
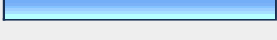
45. Is an ACREAGE FEE required for UNDERGROUND MINING?			Response Percent	Response Count
Yes			14.3%	5
No			77.1%	27
If yes, please indicate fee amount, renewal fee, and modification or amendment fee:			17.1%	6
			<b>answered question</b>	<b>35</b>
			<b>skipped question</b>	<b>6</b>

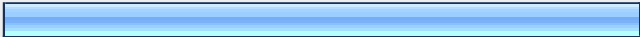
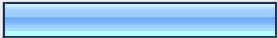
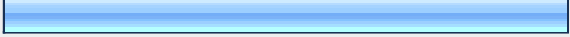
46. Is a SEVERANCE TAX required for UNDERGROUND MINING?			Response Percent	Response Count
Yes			24.3%	9
No			56.8%	21
If yes, please indicate fee amount, renewal fee, and modification or amendment fee:			40.5%	15
			<b>answered question</b>	<b>37</b>
			<b>skipped question</b>	<b>4</b>



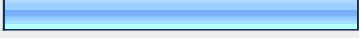
47. Are any OTHER FEES required for UNDERGROUND MINING?			Response Percent	Response Count
Yes			28.6%	10
No			57.1%	20
If yes, please indicate fee amount, renewal fee, and modification or amendment fee:			40.0%	14
			<b>answered question</b>	<b>35</b>
			<b>skipped question</b>	<b>6</b>

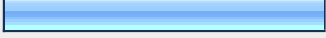
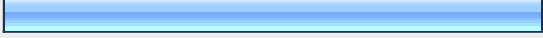
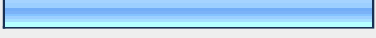
48. Is a PERMIT FEE required for SURFACE MINING?				
			Response Percent	Response Count
Yes			77.8%	28
No			22.2%	8
If yes, please indicate fee amount, renewal fee, and modification or amendment fee:			72.2%	26
			<b>answered question</b>	<b>36</b>
			<b>skipped question</b>	<b>5</b>

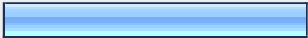
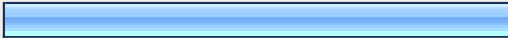

49. Is a LICENSE FEE required for SURFACE MINING?				
			Response Percent	Response Count
Yes			31.4%	11
No			68.6%	24
If yes, please indicate fee amount, renewal fee, and modification or amendment fee:			28.6%	10
			<b>answered question</b>	<b>35</b>
			<b>skipped question</b>	<b>6</b>

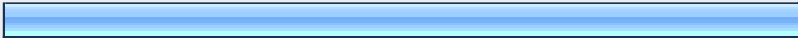
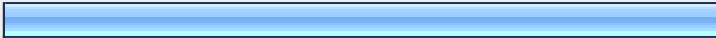

50. Is a RECLAMATION FEE required for SURFACE MINING?				
			Response Percent	Response Count
Yes			29.7%	11
No			70.3%	26
If yes, please indicate fee amount, renewal fee, and modification or amendment fee:			29.7%	11
			<b>answered question</b>	<b>37</b>
			<b>skipped question</b>	<b>4</b>

51. Is an APPLICATION FEE required for SURFACE MINING?				
			Response Percent	Response Count
Yes			70.3%	26
No			29.7%	11
If yes, please indicate fee amount, renewal fee, and modification or amendment fee:			62.2%	23
			<b>answered question</b>	<b>37</b>
			<b>skipped question</b>	<b>4</b>




52. Is an ACREAGE FEE required for SURFACE MINING?				
			Response Percent	Response Count
Yes			41.7%	15
No			58.3%	21
If yes, please indicate fee amount, renewal fee, and modification or amendment fee:			38.9%	14
			<b>answered question</b>	<b>36</b>
			<b>skipped question</b>	<b>5</b>

53. Is a SEVERANCE TAX required for SURFACE MINING?				
			Response Percent	Response Count
Yes			35.1%	13
No			59.5%	22
If yes, please indicate fee amount, renewal fee, and modification or amendment fee:			40.5%	15
			<b>answered question</b>	<b>37</b>
			<b>skipped question</b>	<b>4</b>


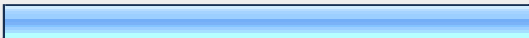

54. Are any OTHER FEES required for SURFACE MINING?			Response Percent	Response Count
Yes			33.3%	12
No			55.6%	20
If yes, please indicate fee amount, renewal fee, and modification or amendment fee:			41.7%	15
			<i>answered question</i>	<b>36</b>
			<i>skipped question</i>	<b>5</b>


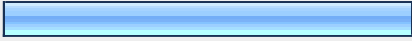
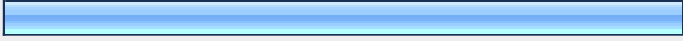
55. Check appropriate box(es) if your law provides for a public comment process and/or a public hearing to be held at the REGULATORY DEVELOPMENT stage:			Response Percent	Response Count
Public Comment Process			87.9%	29
Public Hearing			78.8%	26
If yes, indicate time period(s) for the public comment process and/or public hearing:			84.8%	28
			<i>answered question</i>	<b>33</b>
			<i>skipped question</i>	<b>8</b>

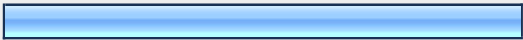
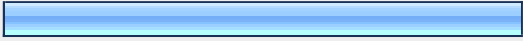
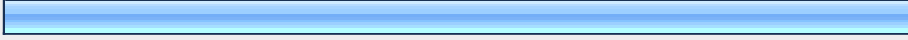
**56. Check appropriate box(es) if your law provides for a public comment process and/or a public hearing to be held at the PERMIT REVIEW stage:**

		Response Percent	Response Count
Public Comment Process		84.8%	28
Public Hearing		78.8%	26
<b>If yes, indicate time period(s) for the public comment process and/or public hearing:</b>		87.9%	29
		<i>answered question</i>	<b>33</b>
		<i>skipped question</i>	<b>8</b>

**57. Check appropriate box(es) if your law provides for a public comment process and/or a public hearing to be held at the BOND RELEASE stage:**

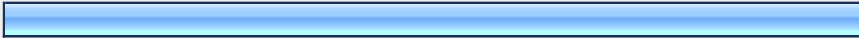

		Response Percent	Response Count
Public Comment Process		63.2%	12
Public Hearing		57.9%	11
<b>If yes, indicate time period(s) for public comment process and/or public hearing:</b>		84.2%	16
		<i>answered question</i>	<b>19</b>
		<i>skipped question</i>	<b>22</b>

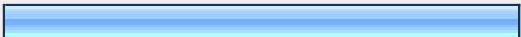



58. Check appropriate box(es) if your law provides for a public comment process and/or a public hearing to be held at the CITIZEN COMPLAINT stage:			
		Response Percent	Response Count
Public Comment Process		55.0%	11
Public Hearing		45.0%	9
If yes, indicate time period(s) for public comment process and/or public hearing:		75.0%	15
		<i>answered question</i>	<b>20</b>
		<i>skipped question</i>	<b>21</b>

59. Check appropriate box(es) if your law provides for a public comment process and/or a public hearing to be held at any OTHER stage:			
		Response Percent	Response Count
Public Comment Period		57.1%	8
Public Hearing		57.1%	8
If yes, indicate at which stage and time period(s) for public comment period and/or public hearing:		100.0%	14
		<i>answered question</i>	<b>14</b>
		<i>skipped question</i>	<b>27</b>

60. What types of appeal procedures does your law provide for (e.g. administrative, judicial)?		
		Response Count
		37
		<i>answered question</i>
		<b>37</b>
		<i>skipped question</i>
		<b>4</b>

61. How long after a public hearing until a permit decision is required?		
		Response Count
		34
<i>answered question</i>		<b>34</b>
<i>skipped question</i>		<b>7</b>



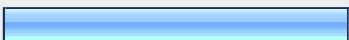
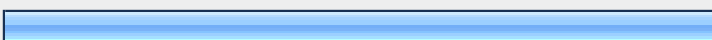
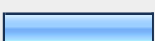
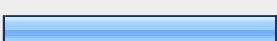
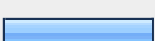
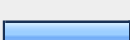


62. Is financial assurance required?			
		Response Percent	Response Count
Yes		94.6%	35
No		8.1%	3
<i>answered question</i>			<b>37</b>
<i>skipped question</i>			<b>4</b>

63. If financial assurance is required, check box(es) for types of financial assurance or other instruments which are used to guarantee compliance:			
		Response Percent	Response Count
Performance Bond		56.8%	21
Insurance Coverage		24.3%	9
<b>Reclamation Bond</b>		<b>81.1%</b>	<b>30</b>
Other (please specify)		45.9%	17
<i>answered question</i>			<b>37</b>
<i>skipped question</i>			<b>4</b>

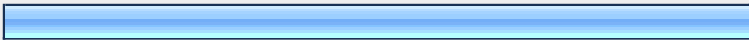

**64. If financial assurance is required, what areas are required to be bonded (i.e. entire permit area; proposed affected area; haul roads; processing or stockpile areas)?**

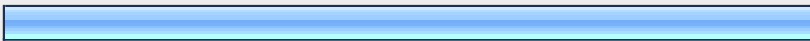
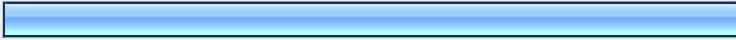
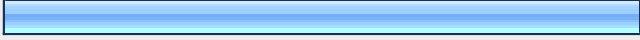
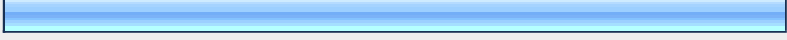
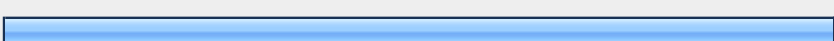
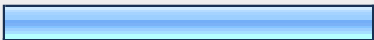
		Response Count
		37
<i>answered question</i>		<b>37</b>
<i>skipped question</i>		<b>4</b>


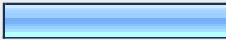
**65. Check box(es) for any type(s) of financial assurance which are acceptable:**


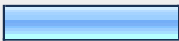
		Response Percent	Response Count
Certificate of Deposit		83.8%	31
<b>Surety</b>		<b>89.2%</b>	33
Collateral		37.8%	14
Letters of Credit		78.4%	29
Mortgage of Real Estate		16.2%	6
Self-Bonding		29.7%	11
Bond Pool		16.2%	6
Trust Funds/Annuities		13.5%	5
Life Insurance		5.4%	2
Other (please specify)		48.6%	18
<i>answered question</i>			<b>37</b>
<i>skipped question</i>			<b>4</b>

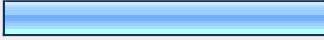
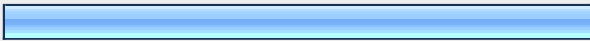
66. What is the amount per acre required under your bonding procedure? (If a rate structure applies, please provide a copy to IMCC by email or regular mail.)		Response Count
		36
<i>answered question</i>		<b>36</b>
<i>skipped question</i>		<b>5</b>

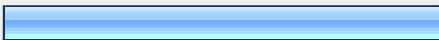

67. If bond is forfeited, is there a mechanism for permit blocking?			Response Percent	Response Count
Yes			82.4%	28
No			17.6%	6
<i>answered question</i>				<b>34</b>
<i>skipped question</i>				<b>7</b>

68. Check box(es) for any of the following enforcement procedure(s) which are available under your program:			Response Percent	Response Count
Notice of Violation			89.2%	33
Cessation Order			81.1%	30
Compliance/Consent Order			70.3%	26
Civil Penalty			86.5%	32
<b>Suspension and Revocation of Permit</b>			<b>91.9%</b>	<b>34</b>
Injunction			62.2%	23
Temporary Restraining Order			35.1%	13
Criminal Penalties			40.5%	15
Other (please specify)			16.2%	6
<i>answered question</i>				<b>37</b>
<i>skipped question</i>				<b>4</b>

69. Are there penalty or sentencing guidelines?				
			Response Percent	Response Count
Yes		75.7%	28	
No		24.3%	9	
			<b>answered question</b>	<b>37</b>
			<b>skipped question</b>	<b>4</b>

70. Are civil penalty assessments based upon the seriousness of the violation?				
			Response Percent	Response Count
Yes		81.1%	30	
No		18.9%	7	
			<b>answered question</b>	<b>37</b>
			<b>skipped question</b>	<b>4</b>

71. Is there a post closure program for long term abatement situations?				
			Response Percent	Response Count
Yes		35.1%	13	
No		64.9%	24	
			<b>answered question</b>	<b>37</b>
			<b>skipped question</b>	<b>4</b>

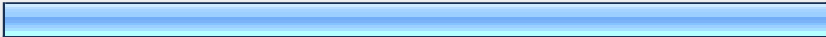
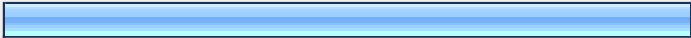
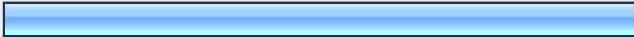
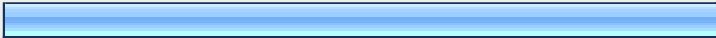

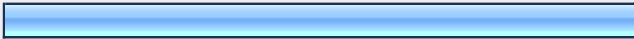
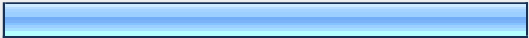
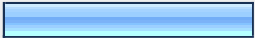
72. Is there a financial obligation attached to the post closure program, if applicable?				
			Response Percent	Response Count
Yes			48.1%	13
No			51.9%	14
			<i>answered question</i>	<b>27</b>
			<i>skipped question</i>	<b>14</b>



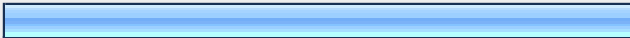
73. Does your law and/or rules, regulations, or policies provide specific standards for the following mining and reclamation activities?		
Laws:	Yes	Response Count
Debris and Contaminant Removal	100.0% (20)	20
Backfilling	100.0% (23)	23
Sloping/Grading (Land Leveling)	100.0% (28)	28
Erosion Control (Topsoiling)	100.0% (25)	25
Mulching	100.0% (8)	8
Drainage	100.0% (21)	21
Temporary Vegetation	100.0% (13)	13
Permanent Vegetation	100.0% (26)	26
Blasting	100.0% (16)	16
Fugitive Dust	100.0% (14)	14
Water Quality	100.0% (22)	22
Water Quantity	100.0% (14)	14
Disposal of Processing Waste	100.0% (18)	18
Fly Ash	100.0% (5)	5
Fish and Wildlife	100.0% (13)	13
Cultural Resources	100.0% (12)	12

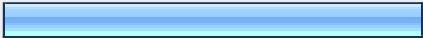
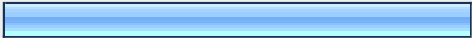
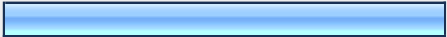
Other	100.0% (5)	5
<b>Regs:</b>		
	Yes	Response Count
Debris and Contaminant Removal	100.0% (22)	22
Backfilling	100.0% (24)	24
Sloping/Grading (Land Leveling)	100.0% (30)	30
Erosion Control (Topsoiling)	100.0% (28)	28
Mulching	100.0% (14)	14
Drainage	100.0% (26)	26
Temporary Vegetation	100.0% (20)	20
Permanent Vegetation	100.0% (29)	29
Blasting	100.0% (18)	18
Fugitive Dust	100.0% (16)	16
Water Quality	100.0% (21)	21
Water Quantity	100.0% (17)	17
Disposal of Processing Waste	100.0% (19)	19
Fly Ash	100.0% (6)	6
Fish and Wildlife	100.0% (16)	16
Cultural Resources	100.0% (17)	17
Other	100.0% (6)	6
<b>Policies:</b>		
	Yes	Response Count
Debris and Contaminant Removal	100.0% (5)	5
Backfilling	100.0% (7)	7
Sloping/Grading (Land Leveling)	100.0% (5)	5
Erosion Control (Topsoiling)	100.0% (6)	6
Mulching	100.0% (7)	7



Drainage	100.0% (5)	5
Temporary Vegetation	100.0% (8)	8
Permanent Vegetation	100.0% (6)	6
Blasting	100.0% (8)	8
Fugitive Dust	100.0% (3)	3
Water Quality	100.0% (6)	6
Water Quantity	100.0% (4)	4
Disposal of Processing Waste	100.0% (4)	4
Fly Ash	100.0% (5)	5
Fish and Wildlife	100.0% (7)	7
Cultural Resources	100.0% (5)	5
Other	100.0% (3)	3
	<i>answered question</i>	<b>35</b>
	<i>skipped question</i>	<b>6</b>




<b>74. For "other" in previous question, please specify:</b>		
		<b>Response Count</b>
		8
	<i>answered question</i>	<b>8</b>
	<i>skipped question</i>	<b>33</b>

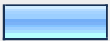
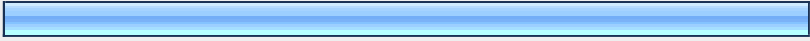
<b>75. Estimate by PERCENT the post-mining land uses following completion of reclamation activities:</b>			
		<b>Response Percent</b>	<b>Response Count</b>
<b>Grassland/Pastureland</b>		<b>90.9%</b>	<b>30</b>
Woodland/Foestland		75.8%	25
Wildlife		69.7%	23
Water (Lakes and Ponds)		78.8%	26
Residential/Commercial		84.8%	28
Recreation		69.7%	23
Cropland		57.6%	19
Other (Specify)		27.3%	9
		<b><i>answered question</i></b>	<b>33</b>
		<b><i>skipped question</i></b>	<b>8</b>


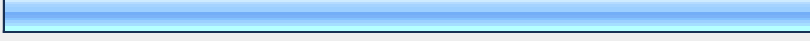
<b>76. Are there contemporaneous reclamation requirements?</b>			
		<b>Response Percent</b>	<b>Response Count</b>
<b>Yes</b>		<b>77.8%</b>	<b>28</b>
No		22.2%	8
If so, what are the specific conditions and timeframes?		69.4%	25
		<b><i>answered question</i></b>	<b>36</b>
		<b><i>skipped question</i></b>	<b>5</b>

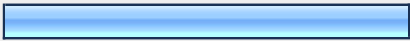
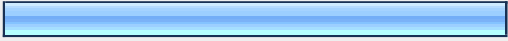
77. Does your state law or regulation specify an end date once a permit is issued?			Response Percent	Response Count
Yes			45.9%	17
No			51.4%	19
If yes, what is the specified date?			48.6%	18
			<b>answered question</b>	<b>37</b>
			<b>skipped question</b>	<b>4</b>

78. Does your law provide incentives for reclaiming pre-law affected lands?			Response Percent	Response Count
Yes			16.2%	6
No			83.8%	31
			<b>answered question</b>	<b>37</b>
			<b>skipped question</b>	<b>4</b>

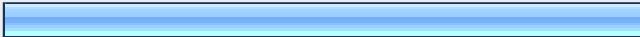
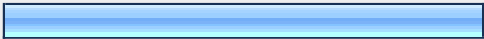
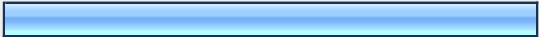
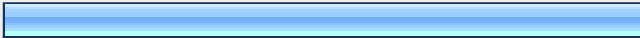

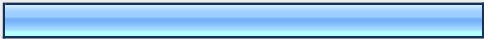
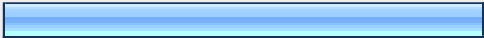
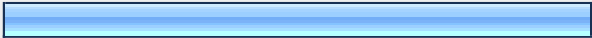
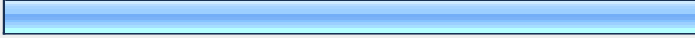
79. If your law does provide incentives for reclaiming pre-law affected lands, check box(es) for types of incentives that apply:			Response Percent	Response Count
Bond Credits			23.1%	3
Fee Waiver or Reduction			0.0%	0
Exemption from Certain Reclamation Standards			0.0%	0
Good Samaritan Liability Limitations			15.4%	2
Other (please specify)			69.2%	9
			<b>answered question</b>	<b>13</b>
			<b>skipped question</b>	<b>28</b>

80. Does your law provide that an operator may reclaim pre-law affected land in lieu of reclaiming land affected under the existing permit as part of the current reclamation plan?			Response Percent	Response Count
Yes			11.1%	4
No			88.9%	32
			<i>answered question</i>	<b>36</b>
			<i>skipped question</i>	<b>5</b>

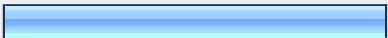
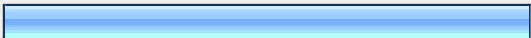
81. Does your state have specific regulations regarding re-mining?			Response Percent	Response Count
Yes			10.5%	4
No			89.5%	34
			<i>answered question</i>	<b>38</b>
			<i>skipped question</i>	<b>3</b>

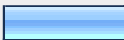

82. Does your state have a noncoal AML inventory or an estimate of the extent of abandoned noncoal mineral lands?			Response Percent	Response Count
Yes			44.7%	17
No			55.3%	21
			<i>answered question</i>	<b>38</b>
			<i>skipped question</i>	<b>3</b>

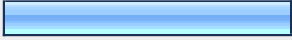
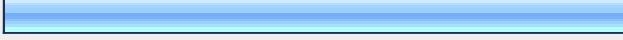
**83. If yes to the previous question, please provide a characterization of that inventory or estimate below:**

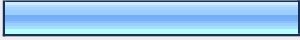
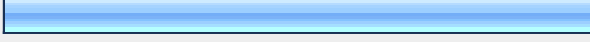
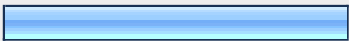
		Response Percent	Response Count
Number of Mine Openings		70.6%	12
Number of Hazardous Structures		52.9%	9
Acres of Mine Dumps		58.8%	10
Acres of Disturbed Land		70.6%	12
Acres of Subsidence Prone Areas		47.1%	8
Miles of Highwall		52.9%	9
Miles of Polluted Water		52.9%	9
Total Number of Abandoned Acres		64.7%	11
<b>Total Number of Abandoned Mine Sites</b>		<b>76.5%</b>	<b>13</b>
		<i>answered question</i>	<b>17</b>
		<i>skipped question</i>	<b>24</b>




**84. Does your state have an abandoned mine land program for noncoal minerals?**

		Response Percent	Response Count
Yes		42.1%	16
No		57.9%	22
		<i>answered question</i>	<b>38</b>
		<i>skipped question</i>	<b>3</b>

85. Are there any mining regulations for the reclamation of abandoned lands?			Response Percent	Response Count
Yes			13.2%	5
No			86.8%	33
			<i>answered question</i>	<b>38</b>
			<i>skipped question</i>	<b>3</b>

86. Are any funds from the SMCRA AML fund used for noncoal AML work?			Response Percent	Response Count
Yes			31.6%	12
No			68.4%	26
			<i>answered question</i>	<b>38</b>
			<i>skipped question</i>	<b>3</b>

87. Are other state funds available for noncoal AML work?			Response Percent	Response Count
Yes			32.4%	12
No			64.9%	24
If so, identify source (e.g. royalty, special tax, etc.)			37.8%	14
			<i>answered question</i>	<b>37</b>
			<i>skipped question</i>	<b>4</b>

88. Is the noncoal law administered by the same agency/division/section as the coal law?				
			Response Percent	Response Count
Yes			52.6%	20
No			36.8%	14
If not, what agency/division/section administers the noncoal law?			63.2%	24
			<i>answered question</i>	<b>38</b>
			<i>skipped question</i>	<b>3</b>

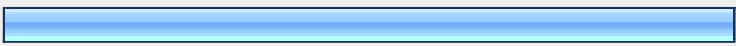

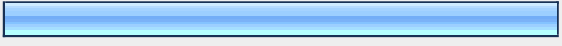
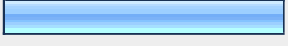
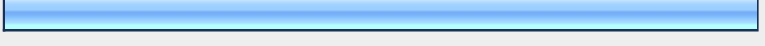
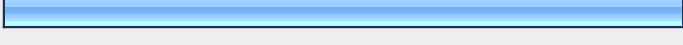
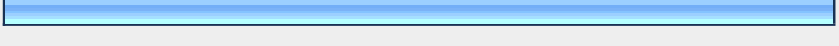
89. How many full-time employees are assigned to the noncoal minerals program?			Response Count	
			36	
			<i>answered question</i>	<b>36</b>
			<i>skipped question</i>	<b>5</b>

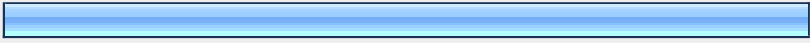

90. What is the annual operating budget for your noncoal regulatory program?			Response Count	
			33	
			<i>answered question</i>	<b>33</b>
			<i>skipped question</i>	<b>8</b>

**91. Are the following areas of regulatory responsibility handled by the same agency/division/section that permits noncoal minerals?**

	Yes	No	Response Count
NPDES	23.7% (9)	76.3% (29)	38
Air	23.7% (9)	76.3% (29)	38
Groundwater	44.7% (17)	55.3% (21)	38
Mine Waste	71.1% (27)	28.9% (11)	38
Hazardous/Solid Waste	21.1% (8)	78.9% (30)	38
Dam Safety	28.9% (11)	71.1% (27)	38
Mine Safety and Health	22.2% (8)	77.8% (28)	36
	<i>answered question</i>		<b>38</b>
	<i>skipped question</i>		<b>3</b>

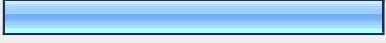
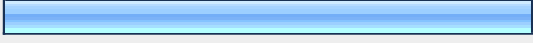
**92. For any areas checked "no" in the previous question, please indicate the name of other agency/division/section that is responsible for that area:**

		Response Percent	Response Count
NPDES		80.6%	29
AIR		86.1%	31
Groundwater		61.1%	22
Mine Waste		30.6%	11
Hazardous/Solid Waste		83.3%	30
Dam Safety		75.0%	27
<b>Mine Safety and Health</b>		<b>91.7%</b>	<b>33</b>
	<i>answered question</i>		<b>36</b>
	<i>skipped question</i>		<b>5</b>

93. Number of regulated noncoal operations (inspectible units) in the state:			
		Response Percent	Response Count
Underground		88.9%	32
Surface		100.0%	36
		<i>answered question</i>	<b>36</b>
		<i>skipped question</i>	<b>5</b>



94. Number of acres under permit:			Response Count
			33
			<i>answered question</i>
			<b>33</b>
			<i>skipped question</i>
			<b>8</b>

95. Average acres reclaimed per year:			Response Count
			32
			<i>answered question</i>
			<b>32</b>
			<i>skipped question</i>
			<b>9</b>

96. Is there a minimum number of site inspections required per year?			
		Response Percent	Response Count
Yes		41.7%	15
No		58.3%	21
		<i>answered question</i>	<b>36</b>
		<i>skipped question</i>	<b>5</b>

97. If yes to previous question, how many site inspections are required per year (indicate whether per calendar year, fiscal year, monthly, quarterly, etc.)?		
		Response Count
		20
	<i>answered question</i>	20
	<i>skipped question</i>	21

98. How many inspections were actually conducted on regulated noncoal mines (inspectible units in earlier question) for the most recent calendar year? (Please specify year)		
		Response Count
		30
	<i>answered question</i>	30
	<i>skipped question</i>	11

99. Estimated number of non-regulated or exempt mining operations (if applicable):			
		Response Percent	Response Count
Underground		93.1%	27
Surface		93.1%	27
		<i>answered question</i>	29
		<i>skipped question</i>	12

**100. Among the following list of mineral commodities, indicate which are CURRENTLY BEING PRODUCED in your state and whether they are regulated:**

**Surface Regulated**

	<b>Yes</b>	<b>Response Count</b>
Abrasive Materials	<b>100.0% (10)</b>	10
Aluminum	<b>100.0% (1)</b>	1
Antimony	<b>100.0% (1)</b>	1
Asbestos	0.0% (0)	0
Barite	<b>100.0% (1)</b>	1
Bauxite and Alumina	<b>100.0% (3)</b>	3
Beryllium	<b>100.0% (2)</b>	2
Bismuth	0.0% (0)	0
Boron	<b>100.0% (1)</b>	1
Bromide	0.0% (0)	0
Cadmium	0.0% (0)	0
Calcium & Calcium Compounds	<b>100.0% (6)</b>	6
Cement	<b>100.0% (22)</b>	22
Chert	<b>100.0% (5)</b>	5
Chromium	0.0% (0)	0
Clays (Kaolin, Common Clay, Fuller's Earth)	<b>100.0% (29)</b>	29
Cobalt	0.0% (0)	0
Columbium & Tantalum	<b>100.0% (1)</b>	1
Copper	<b>100.0% (7)</b>	7
Diatomite	<b>100.0% (4)</b>	4
Feldspar, Nepheline Syenite, & Aplite	<b>100.0% (4)</b>	4
Ferroalloys	0.0% (0)	0
Fluorspar	<b>100.0% (2)</b>	2

Gallium	<b>100.0% (1)</b>	1
Gem Stones	<b>100.0% (6)</b>	6
Gold	<b>100.0% (13)</b>	13
Graphite	0.0% (0)	0
Gypsum	<b>100.0% (12)</b>	12
Helium	0.0% (0)	0
Iron Ore	<b>100.0% (6)</b>	6
Iron Oxide Pigments	<b>100.0% (2)</b>	2
Iron & Steel	<b>100.0% (1)</b>	1
Iron & Steel Scrap	<b>100.0% (1)</b>	1
Kyanite & Related Materials	<b>100.0% (2)</b>	2
Lead (Galena)	<b>100.0% (3)</b>	3
Lightweight Aggregate	<b>100.0% (14)</b>	14
Lignite	<b>100.0% (3)</b>	3
Lime	<b>100.0% (19)</b>	19
Limestone & Dolomite	<b>100.0% (27)</b>	27
Lithium	<b>100.0% (3)</b>	3
Magnesium	<b>100.0% (3)</b>	3
Magnesium Compounds	<b>100.0% (2)</b>	2
Manganese	<b>100.0% (2)</b>	2
Mercury	<b>100.0% (1)</b>	1
Mica Serecite (Scrap Mica)	<b>100.0% (5)</b>	5
Molybdenum	<b>100.0% (5)</b>	5
Nickel	0.0% (0)	0
Nitrogen	0.0% (0)	0
Oil Shale	<b>100.0% (1)</b>	1
Peat	<b>100.0% (11)</b>	11
Perlite	<b>100.0% (4)</b>	4

Phosphate Rock	<b>100.0% (3)</b>	3
Platinum-Grown Materials	<b>100.0% (1)</b>	1
Potash	<b>100.0% (2)</b>	2
Pumice & Volcanic Cinder	<b>100.0% (7)</b>	7
Rare-Earth Minerals & Metals	<b>100.0% (3)</b>	3
Phenium	0.0% (0)	0
Salt	<b>100.0% (5)</b>	5
Sand & Gravel	<b>100.0% (31)</b>	31
Sand -- Silica	<b>100.0% (26)</b>	26
Shale	<b>100.0% (24)</b>	24
Shell	<b>100.0% (2)</b>	2
Silicon	<b>100.0% (1)</b>	1
Silver	<b>100.0% (8)</b>	8
Slag-Iron & Steel	<b>100.0% (1)</b>	1
Solium Compounds	<b>100.0% (1)</b>	1
Stone (Crushed)	<b>100.0% (29)</b>	29
Stone (Dimension)	<b>100.0% (23)</b>	23
Sulfur & Pyrites	<b>100.0% (1)</b>	1
Tar Sands	<b>100.0% (2)</b>	2
Talc & Pyrophyllite	<b>100.0% (5)</b>	5
Thorium	0.0% (0)	0
Tin	<b>100.0% (1)</b>	1
Titanium	<b>100.0% (3)</b>	3
Topsoil	<b>100.0% (15)</b>	15
Tungsten	<b>100.0% (1)</b>	1
Uranium	<b>100.0% (2)</b>	2
Vanadium	<b>100.0% (2)</b>	2

Vermiculite	<b>100.0% (4)</b>	4
Zinc (Sphalerite)	<b>100.0% (2)</b>	2
Sirconium & Hafnium	0.0% (0)	0
<b>Surface Non-Regulated</b>		
	<b>Yes</b>	<b>Response Count</b>
Abrasive Materials	<b>100.0% (2)</b>	2
Aluminum	0.0% (0)	0
Antimony	0.0% (0)	0
Asbestos	0.0% (0)	0
Barite	0.0% (0)	0
Bauxite and Alumina	0.0% (0)	0
Beryllium	0.0% (0)	0
Bismuth	0.0% (0)	0
Boron	0.0% (0)	0
Bromide	0.0% (0)	0
Cadmium	0.0% (0)	0
Calcium & Calcium Compounds	<b>100.0% (2)</b>	2
Cement	<b>100.0% (7)</b>	7
Chert	<b>100.0% (5)</b>	5
Chromium	0.0% (0)	0
Clays (Kaolin, Common Clay, Fuller's Earth)	<b>100.0% (6)</b>	6
Cobalt	0.0% (0)	0
Columbium & Tantalum	0.0% (0)	0
Copper	0.0% (0)	0
Diatomite	0.0% (0)	0
Feldspar, Nepheline Syenite, & Aplite	<b>100.0% (1)</b>	1
Ferroalloys	0.0% (0)	0

Fluorspar	0.0% (0)	0
Gallium	0.0% (0)	0
Gem Stones	<b>100.0% (6)</b>	6
Gold	<b>100.0% (2)</b>	2
Graphite	0.0% (0)	0
Gypsum	<b>100.0% (2)</b>	2
Helium	0.0% (0)	0
Iron Ore	0.0% (0)	0
Iron Oxide Pigments	0.0% (0)	0
Iron & Steel	<b>100.0% (1)</b>	1
Iron & Steel Scrap	<b>100.0% (1)</b>	1
Kyanite & Related Materials	0.0% (0)	0
Lead (Galena)	0.0% (0)	0
Lightweight Aggregate	<b>100.0% (2)</b>	2
Lignite	0.0% (0)	0
Lime	<b>100.0% (8)</b>	8
Limestone & Dolomite	<b>100.0% (8)</b>	8
Lithium	0.0% (0)	0
Magnesium	0.0% (0)	0
Magnesium Compounds	0.0% (0)	0
Manganese	0.0% (0)	0
Mercury	0.0% (0)	0
Mica Serecite (Scrap Mica)	0.0% (0)	0
Molybdenum	0.0% (0)	0
Nickel	0.0% (0)	0
Nitrogen	0.0% (0)	0
Oil Shale	0.0% (0)	0
Peat	<b>100.0% (6)</b>	6

Perlite	0.0% (0)	0
Phosphate Rock	0.0% (0)	0
Platinum-Grown Materials	0.0% (0)	0
Potash	0.0% (0)	0
Pumice & Volcanic Cinder	<b>100.0% (2)</b>	2
Rare-Earth Minerals & Metals	0.0% (0)	0
Phenium	0.0% (0)	0
Salt	<b>100.0% (1)</b>	1
Sand & Gravel	<b>100.0% (10)</b>	10
Sand -- Silica	<b>100.0% (4)</b>	4
Shale	<b>100.0% (3)</b>	3
Shell	0.0% (0)	0
Silicon	0.0% (0)	0
Silver	<b>100.0% (1)</b>	1
Slag-Iron & Steel	<b>100.0% (1)</b>	1
Solium Compounds	0.0% (0)	0
Stone (Crushed)	<b>100.0% (9)</b>	9
Stone (Dimension)	<b>100.0% (9)</b>	9
Sulfur & Pyrites	0.0% (0)	0
Tar Sands	0.0% (0)	0
Talc & Pyrophyllite	<b>100.0% (1)</b>	1
Thorium	0.0% (0)	0
Tin	0.0% (0)	0
Titanium	<b>100.0% (1)</b>	1
Topsoil	<b>100.0% (10)</b>	10
Tungsten	0.0% (0)	0
Uranium	0.0% (0)	0

Vanadium	0.0% (0)	0
Vermiculite	0.0% (0)	0
Zinc (Sphalerite)	0.0% (0)	0
Sirconium & Hafnium	0.0% (0)	0
<b>Underground Regulated</b>		
	<b>Yes</b>	<b>Response Count</b>
Abrasive Materials	0.0% (0)	0
Aluminum	0.0% (0)	0
Antimony	0.0% (0)	0
Asbestos	0.0% (0)	0
Barite	0.0% (0)	0
Bauxite and Alumina	0.0% (0)	0
Beryllium	0.0% (0)	0
Bismuth	0.0% (0)	0
Boron	0.0% (0)	0
Bromide	<b>100.0% (1)</b>	1
Cadmium	0.0% (0)	0
Calcium & Calcium Compounds	<b>100.0% (2)</b>	2
Cement	0.0% (0)	0
Chert	0.0% (0)	0
Chromium	0.0% (0)	0
Clays (Kaolin, Common Clay, Fuller's Earth)	<b>100.0% (3)</b>	3
Cobalt	<b>100.0% (1)</b>	1
Columbium & Tantalum	0.0% (0)	0
Copper	<b>100.0% (3)</b>	3
Diatomite	0.0% (0)	0
Feldspar, Nepheline Syenite, & Aplite	0.0% (0)	0

Ferroalloys	0.0% (0)	0
Fluorspar	0.0% (0)	0
Gallium	0.0% (0)	0
Gem Stones	<b>100.0% (2)</b>	2
Gold	<b>100.0% (8)</b>	8
Graphite	0.0% (0)	0
Gypsum	<b>100.0% (1)</b>	1
Helium	0.0% (0)	0
Iron Ore	0.0% (0)	0
Iron Oxide Pigments	<b>100.0% (1)</b>	1
Iron & Steel	0.0% (0)	0
Iron & Steel Scrap	0.0% (0)	0
Kyanite & Related Materials	0.0% (0)	0
Lead (Galena)	<b>100.0% (2)</b>	2
Lightweight Aggregate	<b>100.0% (1)</b>	1
Lignite	0.0% (0)	0
Lime	<b>100.0% (4)</b>	4
Limestone & Dolomite	<b>100.0% (7)</b>	7
Lithium	0.0% (0)	0
Magnesium	<b>100.0% (1)</b>	1
Magnesium Compounds	<b>100.0% (2)</b>	2
Manganese	0.0% (0)	0
Mercury	0.0% (0)	0
Mica Serecite (Scrap Mica)	0.0% (0)	0
Molybdenum	<b>100.0% (3)</b>	3
Nickel	<b>100.0% (2)</b>	2
Nitrogen	0.0% (0)	0
Oil Shale	<b>100.0% (1)</b>	1

Peat	0.0% (0)	0
Perlite	0.0% (0)	0
Phosphate Rock	0.0% (0)	0
Platinum-Grown Materials	<b>100.0% (1)</b>	1
Potash	<b>100.0% (1)</b>	1
Pumice & Volcanic Cinder	0.0% (0)	0
Rare-Earth Minerals & Metals	<b>100.0% (1)</b>	1
Phenium	0.0% (0)	0
Salt	<b>100.0% (6)</b>	6
Sand & Gravel	<b>100.0% (1)</b>	1
Sand -- Silica	<b>100.0% (2)</b>	2
Shale	<b>100.0% (1)</b>	1
Shell	0.0% (0)	0
Silicon	0.0% (0)	0
Silver	<b>100.0% (5)</b>	5
Slag-Iron & Steel	0.0% (0)	0
Solium Compounds	<b>100.0% (1)</b>	1
Stone (Crushed)	<b>100.0% (2)</b>	2
Stone (Dimension)	0.0% (0)	0
Sulfur & Pyrites	0.0% (0)	0
Tar Sands	0.0% (0)	0
Talc & Pyrophyllite	<b>100.0% (1)</b>	1
Thorium	0.0% (0)	0
Tin	<b>100.0% (1)</b>	1
Titanium	0.0% (0)	0
Topsoil	0.0% (0)	0
Tungsten	0.0% (0)	0

Uranium	<b>100.0% (4)</b>	4
Vanadium	<b>100.0% (2)</b>	2
Vermiculite	0.0% (0)	0
Zinc (Sphalerite)	<b>100.0% (3)</b>	3
Zirconium & Hafnium	0.0% (0)	0
<b>Underground Non-Regulated</b>		
	<b>Yes</b>	<b>Response Count</b>
Abrasive Materials	0.0% (0)	0
Aluminum	0.0% (0)	0
Antimony	0.0% (0)	0
Asbestos	0.0% (0)	0
Barite	0.0% (0)	0
Bauxite and Alumina	0.0% (0)	0
Beryllium	0.0% (0)	0
Bismuth	0.0% (0)	0
Boron	0.0% (0)	0
Bromide	0.0% (0)	0
Cadmium	0.0% (0)	0
Calcium & Calcium Compounds	0.0% (0)	0
Cement	<b>100.0% (1)</b>	1
Chert	0.0% (0)	0
Chromium	0.0% (0)	0
Clays (Kaolin, Common Clay, Fuller's Earth)	<b>100.0% (1)</b>	1
Cobalt	0.0% (0)	0
Columbium & Tantalum	0.0% (0)	0
Copper	0.0% (0)	0
Diatomite	0.0% (0)	0

Feldspar, Nepheline Syenite, & Aplite	0.0% (0)	0
Ferroalloys	0.0% (0)	0
Fluorspar	0.0% (0)	0
Gallium	0.0% (0)	0
Gem Stones	<b>100.0% (1)</b>	1
Gold	<b>100.0% (2)</b>	2
Graphite	0.0% (0)	0
Gypsum	<b>100.0% (1)</b>	1
Helium	<b>100.0% (1)</b>	1
Iron Ore	0.0% (0)	0
Iron Oxide Pigments	0.0% (0)	0
Iron & Steel	0.0% (0)	0
Iron & Steel Scrap	0.0% (0)	0
Kyanite & Related Materials	0.0% (0)	0
Lead (Galena)	<b>100.0% (2)</b>	2
Lightweight Aggregate	0.0% (0)	0
Lignite	0.0% (0)	0
Lime	<b>100.0% (3)</b>	3
Limestone & Dolomite	<b>100.0% (4)</b>	4
Lithium	0.0% (0)	0
Magnesium	0.0% (0)	0
Magnesium Compounds	0.0% (0)	0
Manganese	0.0% (0)	0
Mercury	0.0% (0)	0
Mica Serecite (Scrap Mica)	0.0% (0)	0
Molybdenum	0.0% (0)	0
Nickel	0.0% (0)	0
Nitrogen	0.0% (0)	0

Oil Shale	0.0% (0)	0
Peat	0.0% (0)	0
Perlite	0.0% (0)	0
Phosphate Rock	0.0% (0)	0
Platinum-Grown Materials	0.0% (0)	0
Potash	<b>100.0% (1)</b>	1
Pumice & Volcanic Cinder	0.0% (0)	0
Rare-Earth Minerals & Metals	0.0% (0)	0
Phenium	0.0% (0)	0
Salt	<b>100.0% (3)</b>	3
Sand & Gravel	0.0% (0)	0
Sand -- Silica	<b>100.0% (1)</b>	1
Shale	0.0% (0)	0
Shell	0.0% (0)	0
Silicon	0.0% (0)	0
Silver	0.0% (0)	0
Slag-Iron & Steel	0.0% (0)	0
Solium Compounds	0.0% (0)	0
Stone (Crushed)	<b>100.0% (1)</b>	1
Stone (Dimension)	<b>100.0% (2)</b>	2
Sulfur & Pyrites	0.0% (0)	0
Tar Sands	0.0% (0)	0
Talc & Pyrophyllite	0.0% (0)	0
Thorium	0.0% (0)	0
Tin	0.0% (0)	0
Titanium	0.0% (0)	0
Topsoil	0.0% (0)	0

Tungsten	0.0% (0)	0
Uranium	0.0% (0)	0
Vanadium	0.0% (0)	0
Vermiculite	0.0% (0)	0
Zinc (Sphalerite)	<b>100.0% (3)</b>	3
Sirconium & Hafnium	0.0% (0)	0
	<b>answered question</b>	<b>37</b>
	<b>skipped question</b>	<b>4</b>

101. Among the following list of MINOR METALS mineral commodities, indicate which are CURRENTLY BEING PRODUCED in your state and whether they are regulated:

**Surface Regulated**

	Yes	Response Count
Arsenic	0.0% (0)	0
Cesium & Rubidium	0.0% (0)	0
Germanium	0.0% (0)	0
Thallium	0.0% (0)	0
Indium	0.0% (0)	0
Magnetite	<b>100.0% (5)</b>	5
Selenium	0.0% (0)	0
Tellurium	0.0% (0)	0

**Surface Non-Regulated**

	Yes	Response Count
Arsenic	0.0% (0)	0
Cesium & Rubidium	0.0% (0)	0
Germanium	0.0% (0)	0
Thallium	0.0% (0)	0
Indium	0.0% (0)	0

Magnetite	0.0% (0)	0
Selenium	0.0% (0)	0
Tellerium	0.0% (0)	0
<b>Underground Regulated</b>		
	<b>Yes</b>	<b>Response Count</b>
Arsenic	0.0% (0)	0
Cestum & Robidium	0.0% (0)	0
Germantum	0.0% (0)	0
Thallium	0.0% (0)	0
Indium	0.0% (0)	0
Magnetite	0.0% (0)	0
Selenium	0.0% (0)	0
Tellerium	0.0% (0)	0
<b>Underground Non-Regulated</b>		
	<b>Yes</b>	<b>Response Count</b>
Arsenic	0.0% (0)	0
Cestum & Robidium	0.0% (0)	0
Germantum	0.0% (0)	0
Thallium	0.0% (0)	0
Indium	0.0% (0)	0
Magnetite	0.0% (0)	0
Selenium	0.0% (0)	0
Tellerium	0.0% (0)	0
	<b>answered question</b>	<b>5</b>
	<b>skipped question</b>	<b>36</b>

102. Among the following list of MINOR NON-METALS mineral commodities, indicate which are CURRENTLY BEING PRODUCED in your state and whether they are regulated:

**Surface Regulated**

	Yes	Response Count
Asphalt -- Native	100.0% (2)	2
Bentonite	100.0% (9)	9
Greensand	0.0% (0)	0
Iodine	0.0% (0)	0
Meerschaum	0.0% (0)	0
Zeolites	100.0% (4)	4
Quartz Crystal	100.0% (1)	1
Staurolite	100.0% (1)	1
Strontium	0.0% (0)	0
Wollastonite	100.0% (1)	1


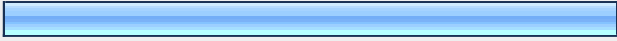
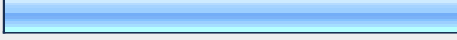
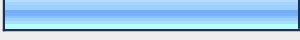
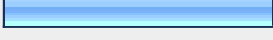
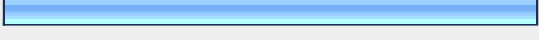
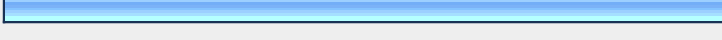
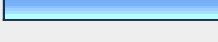
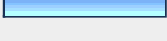
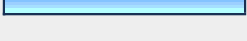
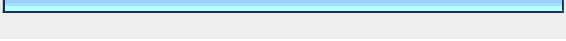
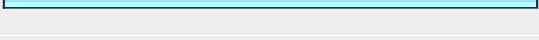


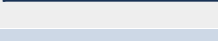
**Surface Non-Regulated**

	Yes	Response Count
Asphalt -- Native	0.0% (0)	0
Bentonite	0.0% (0)	0
Greensand	0.0% (0)	0
Iodine	0.0% (0)	0
Meerschaum	0.0% (0)	0
Zeolites	100.0% (1)	1
Quartz Crystal	100.0% (2)	2
Staurolite	0.0% (0)	0
Strontium	0.0% (0)	0
Wollastonite	0.0% (0)	0


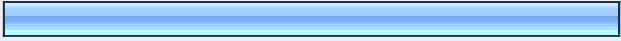
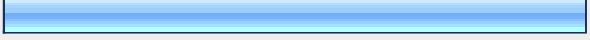
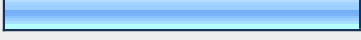
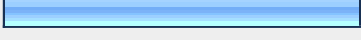
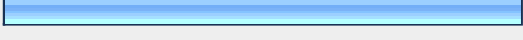
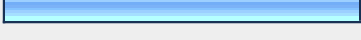


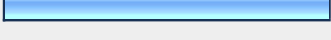
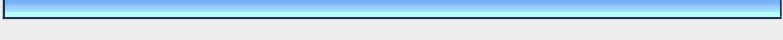
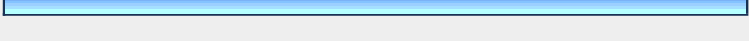
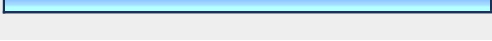
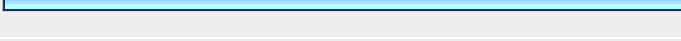
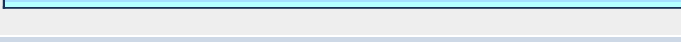
**Underground Regulated**

	Yes	Response Count
Asphalt -- Native	0.0% (0)	0
Bentonite	0.0% (0)	0
Greensand	0.0% (0)	0
Iodine	0.0% (0)	0
Meerschaum	0.0% (0)	0
Zeolites	0.0% (0)	0
Quartz Crystal	0.0% (0)	0
Staurolite	0.0% (0)	0
Strontium	0.0% (0)	0
Wollastonite	<b>100.0% (1)</b>	1
<b>Underground Non-Regulated</b>		
	Yes	Response Count
Asphalt -- Native	0.0% (0)	0
Bentonite	0.0% (0)	0
Greensand	0.0% (0)	0
Iodine	0.0% (0)	0
Meerschaum	0.0% (0)	0
Zeolites	0.0% (0)	0
Quartz Crystal	<b>100.0% (1)</b>	1
Staurolite	0.0% (0)	0
Strontium	0.0% (0)	0
Wollastonite	0.0% (0)	0
	<b>answered question</b>	<b>13</b>
	<b>skipped question</b>	<b>28</b>

**103. What are the most significant problems in noncoal minerals mining in your state? (Place and "X" for all that apply and rank the top five):**

		Response Percent	Response Count
Blasting		70.6%	24
Fugitive Dust		67.6%	23
Water Quality		50.0%	17
Visual Screening		32.4%	11
Safety		29.4%	10
Reclamation		58.8%	20
<b>Land Use/Zoning</b>		<b>79.4%</b>	<b>27</b>
Groundwater Withdrawal		23.5%	8
Ground Dewatering		17.6%	6
Sinkholes/Subsidence		26.5%	9
Erosion/Sedimentation		61.8%	21
Traffic		58.8%	20
Reclamation Bonds		50.0%	17
Noise		52.9%	18
Other (Specify)		23.5%	8
		<b><i>answered question</i></b>	<b>34</b>
		<b><i>skipped question</i></b>	<b>7</b>

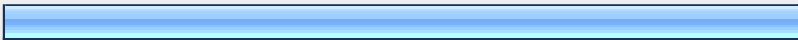


**104. Does your agency or do related agencies have special experience in any of the following areas that can be made available to others? (Check all that apply)**

		Response Percent	Response Count
Blasting		71.4%	20
Operation of Seismograph		67.9%	19
Water Quality		64.3%	18
Air Quality		39.3%	11
Sinkholes (Formation, Prevention)		39.3%	11
Endangered Species		57.1%	16
Public Safety/Mine Safety		39.3%	11
Hazardous Wastes as defined by RCRA and/or TSCA		28.6%	8
Noise		21.4%	6
Resource Evaluation		35.7%	10
<b>Erosion Control</b>		<b>85.7%</b>	24
Revegetation		82.1%	23
Mine Engineering/Planning		53.6%	15
Mining Geology		75.0%	21
Hydrology		75.0%	21
		<i>answered question</i>	<b>28</b>
		<i>skipped question</i>	<b>13</b>

**105. List publications developed in your state that may be useful to other states. Identify as to type (technical, general information, legislative, etc.). Please provide date of publication and contact person for this information:**

		Response Count
		20
		<i>answered question</i>
		<b>20</b>
		<i>skipped question</i>
		<b>21</b>

**106. What is the value and amount of noncoal mineral production in your state for the last year of record?**

		Response Percent	Response Count
Year		87.9%	29
Value		84.8%	28
Tonnage		78.8%	26
		<i>answered question</i>	<b>33</b>
		<i>skipped question</i>	<b>8</b>

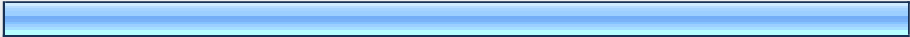
**107. If available, please provide a web site address where a copy of your state's current noncoal minerals law(s) and regulations (as identified on the first page of this questionnaire) can be obtained. If unavailable online, please provide a copy of these materials on disk to IMCC at 445-A Carlisle Drive, Herndon, VA 20170.**

		Response Count
		34
		<i>answered question</i>
		<b>34</b>
		<i>skipped question</i>
		<b>7</b>

**108. Any Other Comments:**

		Response Count
		11
		<i>answered question</i>
		<b>11</b>
		<i>skipped question</i>
		<b>30</b>

**109. Contact Person in Your State for Noncoal Minerals:**

		Response Percent	Response Count
<b>Name</b>		100.0%	37
<b>Title</b>		97.3%	36
<b>Agency Name</b>		100.0%	37
<b>Address</b>		97.3%	36
<b>Telephone Number</b>		100.0%	37
<b>Email Address</b>		89.2%	33
		<i>answered question</i>	<b>37</b>
		<i>skipped question</i>	<b>4</b>

**110. Thank you for taking the time to fill out and submit this questionnaire. You will be sent a copy of the updated "IMCC Noncoal Minerals Report" when it becomes available. We welcome any comments about this online survey experience you would like to share with us below.**

		Response Count
		6
		<i>answered question</i>
		<b>6</b>
		<i>skipped question</i>
		<b>35</b>