1		<b>CHAPTER 05 - MINING: MINERAL RESOURCES</b>
2 3 4		5A NCAC 05, MINING: MINERAL RESOURCES; was transferred and recodified from 15 NCAC vember 1, 1989. The recodification was pursuant to <u>G.S. 143B-279.1</u>
5		SUBCHAPTER 05A - ORGANIZATION AND ADMINISTRATION
6 7		SECTION .0100 – <u>MINING AND ENERGY</u> COMMISSION
8 9	15A NCAC 05A	A .0101 NAME AND ADDRESS
10	The name of thi	is agency shall be the North Carolina Mining and Energy Commission. Its address is Department of
11	Environmental (	Quality, Environment, Health, and Natural Resources, P.O. Box 27687, 1612 Mail Service Center,
12	Raleigh, North (	Carolina <del>27611.</del> <u>27699.</u>
13		
14	History Note:	Authority <u>G.S. 143B-290;</u>
15		Eff. February 1, 1976;
16		Amended Eff. January 31, 1979;
17		Readopted Eff. August 1, 1982;
18		Amended Eff. <u>Xxxxx, 2023;</u> August 1, 2012 (see S.L. 2012-143, s.1.(d)); April 1, 1990.
19		
20 21		SECTION .0200 - ADMINISTRATION
22	15A NCAC 05A	A .0202 DELEGATION AUTHORITIES AND DEFINITIONS
22 23	(a) <u>The Secretar</u>	ry of the Department of Environmental Quality shall delegate to the Director The Director, Division
23 24	(a) <u>The Secretar</u> of Energy, Mine	ry of the Department of Environmental Quality shall delegate to the Director The Director, Division ral, and Land Resources, Department of Environment, Health, and Natural Resources, shall have the
23 24 25 26	(a) <u>The Secretar</u> of Energy, Mine following power	ry of the Department of Environmental Quality shall delegate to the Director The Director, Division oral, and Land Resources, Department of Environment, Health, and Natural Resources, shall have the rs and duties with regard to necessary for the administration of the Mining Act of 1971: 1971. These es shall include, but are not limited to, the following:
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23 24 25 26 27 28 29	(a) <u>The Secretar</u> of Energy, Mine following power powers and duti (1)	ry of the Department of Environmental Quality shall delegate to the Director The Director, Division oral, and Land Resources, Department of Environment, Health, and Natural Resources, shall have the rs and duties with regard to necessary for the administration of the Mining Act of 1971: 1971. These es shall include, but are not limited to, the following: the issuance, denial, modification, renewal, suspension, transfer, and revocation of permits; the approval of reclamation plans; the initiation of forfeiture proceedings;
23 24 25 26 27 28 29 30	<ul> <li>(a) <u>The Secretar</u> of Energy, Mine following power powers and duti (1)</li> <li>(2)</li> <li>(3)</li> <li>(4)</li> </ul>	ry of the Department of Environmental Quality shall delegate to the Director The Director, Division bral, and Land Resources, Department of Environment, Health, and Natural Resources, shall have the rs and duties with regard to necessary for the administration of the Mining Act of 1971:-1971. These es shall include, but are not limited to, the following: the issuance, denial, modification, renewal, suspension, transfer, and revocation of permits; the approval of reclamation plans; the initiation of forfeiture proceedings; the giving of notices, setting of hearings and taking of action upon findings of violations; and
23 24 25 26 27 28 29 30 31	<ul> <li>(a) <u>The Secretar</u> of Energy, Mine following power powers and duti (1)</li> <li>(2)</li> <li>(3)</li> <li>(4)</li> <li>(5)</li> </ul>	ry of the Department of Environmental Quality shall delegate to the Director The Director, Division wal, and Land Resources, Department of Environment, Health, and Natural Resources, shall have the rs and duties with regard to necessary for the administration of the Mining Act of 1971:-1971. These es shall include, but are not limited to, the following: the issuance, denial, modification, renewal, suspension, transfer, and revocation of permits; the approval of reclamation plans; the initiation of forfeiture proceedings; the giving of notices, setting of hearings and taking of action upon findings of violations; and the institution of all criminal and civil actions.
23 24 25 26 27 28 29 30 31 32	<ul> <li>(a) <u>The Secretar</u> of Energy, Mine following power powers and duti (1)</li> <li>(2)</li> <li>(3)</li> <li>(4)</li> <li>(5)</li> <li>(b) The Director</li> </ul>	ry of the Department of Environmental Quality shall delegate to the Director The Director, Division wal, and Land Resources, Department of Environment, Health, and Natural Resources, shall have the rs and duties with regard to necessary for the administration of the Mining Act of 1971: 1971. These es shall include, but are not limited to, the following: the issuance, denial, modification, renewal, suspension, transfer, and revocation of permits; the approval of reclamation plans; the initiation of forfeiture proceedings; the giving of notices, setting of hearings and taking of action upon findings of violations; and the institution of all criminal and civil actions. r, Division of Energy, Mineral, and Land Resources, Department of Environment, Health, and Natural
23 24 25 26 27 28 29 30 31 32 33	<ul> <li>(a) <u>The Secretary</u> of Energy, Mine following power <u>powers and duti</u></li> <li>(1)</li> <li>(2)</li> <li>(3)</li> <li>(4)</li> <li>(5)</li> <li>(b) The Director</li> <li>Resources shall</li> </ul>	ry of the Department of Environmental Quality shall delegate to the Director The Director, Division bral, and Land Resources, Department of Environment, Health, and Natural Resources, shall have the rs and duties with regard to <u>necessary for</u> the administration of the Mining Act of <del>1971: 1971. These</del> <u>es shall include, but are not limited to, the following:</u> the issuance, denial, modification, <del>renewal</del> , <u>suspension, transfer</u> , and revocation of permits; the approval of reclamation plans; the initiation of forfeiture proceedings; the giving of notices, setting of hearings and taking of action upon findings of violations; and the institution of all criminal and civil actions. <b>r</b> , Division of Energy, Mineral, and Land Resources, Department of Environment, Health, and Natural have The Secretary of the Department of Environmental Quality shall delegate to the Director the
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23 24 25 26 27 28 29 30 31 32 33 34 35	<ul> <li>(a) <u>The Secretar</u> of Energy, Mine following power powers and duti (1)</li> <li>(2)</li> <li>(3)</li> <li>(4)</li> <li>(5)</li> <li>(b) The Director Resources shall following power</li> <li>Carolina Act of</li> </ul>	ry of the Department of Environmental Quality shall delegate to the Director The Director, Division ral, and Land Resources, Department of Environment, Health, and Natural Resources, shall have the rs and duties with regard to necessary for the administration of the Mining Act of 1971: 1971. These es shall include, but are not limited to, the following: the issuance, denial, modification, renewal, suspension, transfer, and revocation of permits; the approval of reclamation plans; the initiation of forfeiture proceedings; the giving of notices, setting of hearings and taking of action upon findings of violations; and the institution of all criminal and civil actions. r, Division of Energy, Mineral, and Land Resources, Department of Environment, Health, and Natural have The Secretary of the Department of Environmental Quality shall delegate to the Director the rs and duties with regard to the administration of the Control of Exploration for Uranium in North 1983. These powers and duties shall include, but are not limited to, the following:
23 24 25 26 27 28 29 30 31 32 33 34 35 36	<ul> <li>(a) <u>The Secretary</u> of Energy, Mine following powers and dution (1)</li> <li>(2)</li> <li>(3)</li> <li>(4)</li> <li>(5)</li> <li>(b) The Director Resources shall following power (1)</li> </ul>	ry of the Department of Environmental Quality shall delegate to the Director The Director, Division ral, and Land Resources, Department of Environment, Health, and Natural Resources, shall have the rs and duties with regard to necessary for the administration of the Mining Act of 1971:-1971. These es shall include, but are not limited to, the following: the issuance, denial, modification, renewal, suspension, transfer, and revocation of permits; the approval of reclamation plans; the initiation of forfeiture proceedings; the giving of notices, setting of hearings and taking of action upon findings of violations; and the institution of all criminal and civil actions. r, Division of Energy, Mineral, and Land Resources, Department of Environment, Health, and Natural have The Secretary of the Department of Environmental Quality shall delegate to the Director the rs and duties with regard to the administration of the Control of Exploration for Uranium in North 1983. These powers and duties shall include, but are not limited to, the following: the issuance, denial, modification, renewal, <u>suspension, transfer</u> , and revocation of permits;
23 24 25 26 27 28 29 30 31 32 33 34 35 36 37	<ul> <li>(a) <u>The Secretar</u> of Energy, Mine following power powers and duti (1)</li> <li>(2)</li> <li>(3)</li> <li>(4)</li> <li>(5)</li> <li>(b) The Director</li> <li>Resources shall following power</li> <li>Carolina Act of</li> <li>(1)</li> <li>(2)</li> </ul>	ry of the Department of Environmental Quality shall delegate to the Director The Director, Division ral, and Land Resources, Department of Environment, Health, and Natural Resources, shall have the rs and duties with regard to <u>necessary for</u> the administration of the Mining Act of <del>1971:</del> <u>1971</u> . These <u>es shall include</u> , but are not limited to, the following: the issuance, denial, modification, <del>renewal</del> , <u>suspension</u> , <u>transfer</u> , and revocation of permits; the approval of reclamation plans; the initiation of forfeiture proceedings; the giving of notices, setting of hearings and taking of action upon findings of violations; and the institution of all criminal and civil actions. <b>r</b> , Division of Energy, Mineral, and Land Resources, Department of Environment, Health, and Natural <b>have</b> The Secretary of the Department of Environmental Quality shall delegate to the Director the rs and duties with regard to the administration of the Control of Exploration for Uranium in North <u>1983</u> . These powers and duties shall include, but are not limited to, the following: the issuance, denial, modification, renewal, <u>suspension, transfer</u> , and revocation of permits; the issuance, denial, modification, renewal, <u>suspension</u> , transfer, and revocation of permits;
23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38	<ul> <li>(a) <u>The Secretar</u> of Energy, Mine following power powers and duti (1)</li> <li>(2)</li> <li>(3)</li> <li>(4)</li> <li>(5)</li> <li>(b) The Director</li> <li>Resources shall following power</li> <li>Carolina Act of</li> <li>(1)</li> <li>(2)</li> <li>(3)</li> </ul>	ry of the Department of Environmental Quality shall delegate to the Director The Director, Division ral, and Land Resources, Department of Environment, Health, and Natural Resources, shall have the rs and duties with regard to necessary for the administration of the Mining Act of <del>1971:</del> <u>1971</u> . These <u>es shall include, but are not limited to, the following:</u> the issuance, denial, modification, <del>renewal</del> , <u>suspension, transfer</u> , and revocation of permits; the approval of reclamation plans; the initiation of forfeiture proceedings; the giving of notices, setting of hearings and taking of action upon findings of violations; and the institution of all criminal and civil actions. <b>r</b> , Division of Energy, Mineral, and Land Resources, Department of Environment, Health, and Natural have The Secretary of the Department of Environmental Quality shall delegate to the Director the rs and duties with regard to the administration of the Control of Exploration for Uranium in North <u>1983</u> . These powers and duties shall include, but are not limited to, the following: the issuance, denial, modification, renewal, <u>suspension, transfer</u> , and revocation of permits; the issuance, denial, modification, renewal, <u>suspension, transfer</u> , and revocation of permits; the issuance of the plans for the initiation and approval of the abandonment of affected land; the inspection and approval of the abandonment of affected land;
23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39	<ul> <li>(a) <u>The Secretar</u> of Energy, Mine following power powers and duti (1)</li> <li>(2)</li> <li>(3)</li> <li>(4)</li> <li>(5)</li> <li>(b) The Director</li> <li>Resources shall following power</li> <li>Carolina Act of</li> <li>(1)</li> <li>(2)</li> </ul>	ry of the Department of Environmental Quality shall delegate to the Director The Director, Division ral, and Land Resources, Department of Environment, Health, and Natural Resources, shall have the rs and duties with regard to <u>necessary for</u> the administration of the Mining Act of <del>1971;</del> <u>1971</u> . These es shall include, but are not limited to, the following: the issuance, denial, modification, <del>renewal</del> , <u>suspension</u> , <u>transfer</u> , and revocation of permits; the approval of reclamation plans; the initiation of forfeiture proceedings; the giving of notices, setting of hearings and taking of action upon findings of violations; and the institution of all criminal and civil actions. <b>r</b> , Division of Energy, Mineral, and Land Resources, Department of Environment, Health, and Natural have The Secretary of the Department of Environmental Quality shall delegate to the Director the rs and duties with regard to the administration of the Control of Exploration for Uranium in North <u>1983</u> . These powers and duties shall include, but are not limited to, the following: the issuance, denial, modification, renewal, <u>suspension</u> , <u>transfer</u> , and revocation of permits; the inspection and approval of the abandonment of affected land; the inspection and approval of the abandonment of affected land; the giving of notices, setting of hearings, and taking of action upon findings of violations;
23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38	<ul> <li>(a) <u>The Secretar</u> of Energy, Mine following power powers and duti (1)</li> <li>(2)</li> <li>(3)</li> <li>(4)</li> <li>(5)</li> <li>(b) The Director</li> <li>Resources shall following power</li> <li>Carolina Act of</li> <li>(1)</li> <li>(2)</li> <li>(3)</li> </ul>	ry of the Department of Environmental Quality shall delegate to the Director The Director, Division ral, and Land Resources, Department of Environment, Health, and Natural Resources, shall have the rs and duties with regard to necessary for the administration of the Mining Act of <del>1971:</del> <u>1971</u> . These <u>es shall include, but are not limited to, the following:</u> the issuance, denial, modification, renewal, <u>suspension, transfer</u> , and revocation of permits; the approval of reclamation plans; the initiation of forfeiture proceedings; the giving of notices, setting of hearings and taking of action upon findings of violations; and the institution of all criminal and civil actions. <b>r</b> , Division of Energy, Mineral, and Land Resources, Department of Environment, Health, and Natural have The Secretary of the Department of Environmental Quality shall delegate to the Director the rs and duties with regard to the administration of the Control of Exploration for Uranium in North <u>1983</u> . These powers and duties shall include, but are not limited to, the following: the issuance, denial, modification, renewal, <u>suspension, transfer</u> , and revocation of permits; the issuance, denial, modification, renewal, <u>suspension</u> , transfer, and revocation of permits; the issuance of the plans for the initiation and approval of the abandonment of affected land; the inspection and approval of the abandonment of affected land;

1	(c) These terms	as used in Subchapters 05A, 05B, 05F and 05G have these meanings:
2	<u>(1)</u>	"Commission" means the Mining Commission as is established in G.S. 143B-290.
3	(2)	"Department" means the Department of Environmental Quality.
4	(3)	"Director" means the Director of the Division of Energy, Mineral and Land Resources of the
5		Department of Environmental Quality.
6 7	History Note:	Authority G.S. 74-50 through 7453; 7456 to 7459; 74-75 through 74-85; 7487;
8		<i>143B290;</i>
9		<i>Eff. February 1, 1976;</i>
10		Amended Eff. January 31, 1979; September 3, 1976;
11		Readopted Eff. August 1, 1982;
12		Amended Eff. Xxxxx, 2023; August 1, 2012 (see S.L. 2012-143, s.1.(f)); April 1, 1990; December 1,
13		1983.
14 15		
16		SUBCHAPTER 5B - PERMITTING AND REPORTING
17		
18	15A NCAC 05B	.0101 PURPOSE
19	15A NCAC 05B	.0102 ACTIVITIES REQUIRING PERMITS
20 21	15A NCAC 05B	.0103 BONDING REQUIREMENTS
22	(a) After an ap	plication for a new mining permit or permit renewal, modification, modification, or transfer is
23	considered appro	vable by the Department, an applicant or permittee must file a bond with the Department in an amount
24	to be determined	by the Director. Director based on the conditions in this rule and G.S. 74-54.
25	(b) If the applica	nt or permittee disagrees with the bond amount determined by the Director, the applicant or permittee
26	may submit to the	e Director for consideration, an estimate of reclamation costs from a third-party contractor to be used
27	as the bond amo	ount. The estimate shall be provided to the Director within 30 days following the receipt of the
28	Director's initial	bond determination. After considering the estimate and the staff recommendations recommendations,
29	provided by his s	taff, the Director shall notify the applicant or permittee of his the bond determination and the process
30	and conditions us	sed to set the bond amount.
31	(c) The Director	may shall invite the applicant or permittee to submit to the Department an estimate of reclamation
32	costs from a third	d-party contractor for the Director's use in determining the required bond amount. After considering
33	the estimate and	the recommendations provided by his Division staff, the Director shall notify the applicant or
34	permittee of his t	he bond determination and the process and conditions used to set the bond amount.
35	(d) The amount	of the bond shall be based on the costs to reclaim the affected land as determined by the reclamation
36	plan approved pu	arsuant to G.S. 7453 and 15A NCAC 5B .0004(b). 15A NCAC 5B .0104(b). The bond amount shall
37	be based on a ran	nge of five hundred dollars (\$500.00) to five thousand (\$5000.00) per acre of land approved by the
38	Department to be	e affected. If the mining permit is modified to increase the total affected land, the bond shall be
39	increased accord	ingly. The Director shall consider the method and extent of the required reclamation for a particular

1 site in determining the bond amount. As areas at a site are reclaimed and formally released by the Department, the 2 permittee may substitute a bond in an amount covering the remaining affected land at the site for the bond previously 3 filed with the Department; otherwise, without such bond substitution, the Department shall retain the previously filed 4 bond until all reclamation has been completed and approved by the Department. 5 (e) If an applicant or permittee has multiple sites, the applicant or permittee may file a separate bond with the 6 Department for each site or the applicant or permittee may submit one blanket bond covering all sites in the aggregate 7 amount of all bond totals. Once the total amount of all bonds for separate sites or the total blanket bond(s) bond for 8 all sites reaches five hundred thousand dollars (\$500,000) one million dollars (\$1,000,000): 9 (1)the applicant or permittee with separate bonds may substitute a five hundred thousand dollar 10 (\$500,000) one million dollars (\$1,000,000) blanket bond to be used for all future sites, or 11 (2)the applicant or permittee with five hundred thousand dollar (\$500,000) one million dollars 12 (\$1,000,000) blanket bond covering all sites may use that blanket bond for all future sites, 13 if the Director finds that the applicant or permittee, in either case, has a good operating record, that the five hundred 14 thousand dollars (\$500,000) is sufficient to reclaim all sites and that no additional reclamation bond money is needed. 15 If the Director finds that the applicant or permittee does not have a good operating record, that the five hundred thousand dollars (\$500,000) is not sufficient to reclaim all sites, or that additional reclamation money is needed, the 16 17 Director shall require per acreage bonding for future sites as provided in Paragraph (d) of this Rule. 18 (f) For the purposes of this Rule, a good operating record is defined as two consecutive years of operation within the 19 State of North Carolina without final assessment of a civil penalty or other enforcement action pursuant to G.S. 74-20 64, or having a permit suspended or revoked under G.S. 74-58, or having a bond or other surety forfeited under G.S. 21 74-59. For the purposes of this Rule, a bond shall include any and all types type of security allowed under G.S. 74-54. 22 23 History Note: Authority G.S. 7451; 7454; 143B-290; 24 Eff. February 1, 1976; 25 Amended Eff. January 1, 1994; April 1, 1990; November 1, 1985; November 1, 1984. 26 27 15A NCAC 05B .0104 INFORMATION REOUIRED IN PERMIT APPLICATION 28 (a) The completed application for the mining permit shall include information concerning the mining operation and 29 a reclamation plan for the restoration of all affected land. Information required concerning the mining operation shall 30 include: 31 materials to be mined; (1)32 (2)method of mining; 33 (3)expected depth of mine; 34 (4)size of the mine, including: 35 (A) acreage for tailings ponds, 36 (B) acreage for stockpiles, 37 acreage for waste piles, (C) 38 (D) acreage for processing plants,

1		(E) acreage for mine excavation,
2		(F) acreage for annual disturbance;
3	(5)	anticipated effect on wildlife, freshwater, estuarine or marine fisheries;
4	(6)	whether or not the operation will have a waste water wastewater discharge or air contaminant
5		emission which will require a permit from the division of environmental management; Division
6		of Water Resource or an air contaminant emission which will require a permit from the Division of
7		<u>Air Quality:</u>
8	(7)	method to prevent physical hazard to any neighboring dwelling house, school, church, hospital,
9		commercial or industrial building, or public road if the mining excavation will come within 300 feet
10		thereof;
11	(8)	measures to be taken to insure against landslides and acid water pollution;
12	(9)	measures to be taken to minimize siltation of streams, lakes, or adjacent properties during the mining
13		operation;
14	(10)	measures to be taken to screen the operation from public view.
15	(b) Information	required in the reclamation plan shall include:
16	(1)	intended plan for overall mine reclamation, subsequent land use and the general methods to be used
17		in reclaiming;
18	(2)	intended practices to be taken to protect adjacent surface resources;
19	(3)	intended methods to prevent or eliminate conditions hazardous to animal or fish life in or adjacent
20		to the affected areas;
21	(4)	intended methods of rehabilitation of settling ponds;
22	(5)	intended methods of restoration or establishment of stream channels and stream beds to a condition
23		minimizing erosion, siltation and other pollution;
24	(6)	intended measures to stabilize slopes;
25	(7)	intended measures to provide for safety to persons and adjoining property in excavation in rock;
26	(8)	intended measures of disposal of mining refuse and control of contaminants;
27	(9)	provisions to prevent collection of noxious, odious or foul water in mined areas; and
28	(10)	plan for revegetation and reforestation or other surface treatment of the affected areas which plan
29		must be approved in writing by one of the following prior to submission of the application:
30		(A) Authorized representatives representative of the local soil and water conservation district
31		having jurisdiction over lands in question;
32		(B) Authorized representatives representative of the division of forest resources, Department
33		of Environment, Health, and Natural Resources; North Carolina Forest Service within the
34		Department of Agriculture and Consumer Services;
35		(C) <u>NC Cooperative Extension County agricultural extension chairmen county director</u> in a
36		county listed in the reclamation plan or research and extension personnel headquartered at

1			North Carolina State University in the school of agriculture and life sciences School of
1			
2			Agriculture and Life Sciences:
3		(D)	North Carolina licensed landscape architects; <u>Architect pursuant to G.S. 89A</u> ;
4		(E)	Private consulting foresters forester referred by the division of forest resources,
5			Department of Environment, Health, and Natural Resources; Division of Forest Resources,
6			Department of Environmental Quality; or
7		(F)	Others as may be approved by the department; Department; Provided that areas expected
8			to be in use beyond the maximum permissible permit period, such as processing plants or
9			stockpiles, do not require a specific revegetation plan;
10	(11)	time sc	hedule of reclamation that provides that reclamation activities be conducted simultaneously
11		with m	ining operations whenever feasible and in any event be initiated at the earliest practicable
12		time af	ter completion or termination of mining on any segment and completed within two years.
13	(c) In addition to	o the app	lication form, the operator shall also submit two copies a copy of a county map showing the
14	mine location an	nd <del>two-ce</del>	<del>ppies</del> <u>a copy</u> of a mine map. Mine maps should be accurate drawings, aerial photographs or
15	enlarged topogra	phic ma	ps of the mine area and must <del>clearly</del> show the following:
16	(1)		y lines or affected area of mining operation;
17	(2)	outline	of pits;
18	(3)		of stockpile areas;
19	(4)		of overburden disposal areas;
20	(5)		n of processing plants (Processing plants may be described as to location and distance from
21	(-)		Sufficiently far removed.); the mine if not contiguous to the mine property.):
22	(6)		n and name of streams and lakes;
23	(7)		of settling ponds;
23	(7)		n of access roads;
25	(8) (9)		ermit boundaries;
-		· •	
26	(10)	map leg	-
27		(A)	name of company,
28		(B)	name of mine,
29		(C)	north arrow,
30		(D)	county,
31		(E)	scale,
32		(F)	date prepared,
33		(G)	name and title of person preparing map; and
34	(11)	names	of owners of record, both public and private, of all adjoining land. land as is specified in
35		<u>G.S. 74</u>	<u>I-50.</u>
36	The mine maps s	should be	e correlated with the reclamation plan. The approximate areas to be mined during the life of

37 the permit should be <del>clearly</del> marked.

04/04/22

- 1 If reclamation is to be accomplished concurrently with mining, then show segments that are to be mined and
- 2 reclaimed during each year of the permit.

3 Add drawings showing typical sections or cross sections and layout of proposed reclamation where such drawings

4 will assist in describing reclamation.

- 5 (d) An application for a mining permit shall include:
- 6 (1) The <u>name names</u> and <u>address addresses</u> of all known owners, both private and public of all land 7 adjoining the proposed mining site as <u>is specified in G.S. 74-50 and as</u> determined by a <del>diligent</del> 8 search of the tax records or other sources of information about property ownership in a manner 9 reasonable calculated to identify the owners of all adjoining land and approved by the <del>department</del> 10 <u>Department.</u> The proposed mining site means all land to be included within the proposed permitted 11 area;
- 12 (2) The <u>name names and addresses</u> of the <u>county, city and town managers, who serve as the</u> chief 13 administrative <del>officer officers, of the county or municipality of the local governments in</del> which <u>any</u> 14 part of the proposed mining site is <del>located together with the officer's mailing address;</del> located; and
- 15 (3) As is specified in G.S. 74-50, Proof proof satisfactory to the department Department that the applicant has made a reasonable the required effort to notify all owners of record of all adjoining 16 17 land and the chief administrative officers of the county or and municipality of the pending 18 application. Proof satisfactory to the department Department shall include an affidavit by the 19 applicant that he has caused stating that a notice of the pending application to be has been sent by 20 certified or registered mail to all known adjoining owners and to the chief administrative officer 21 officers of the county or municipality. Other means of notice shall be satisfactory if approved in 22 advance by the department Department.
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28

History Note: Authority G.S. 74-63; 74--51; 74---53; Eff. February 1, 1976; Amended Eff. <u>Xxxxx, 2023;</u> April 1, 1990; May 1, 1982; September 1, 1979; January 31, 1979.

## 29 15A NCAC 05B .0105 CONDITIONS WHICH MAY BE INCLUDED IN PERMIT

To assure that the operation will comply fully with the requirements and objectives of the Mining Act of 1971, the director <u>Director</u> may approve require that an application or reclamation plan <u>include</u> certain conditions. <u>conditions</u> <u>such as:</u> Such conditions of application approval may include:

- 33 (1) additional erosion control measures to be installed during the mining operation; operation as
   34 specified in G.S. 74-51;
- a natural vegetated buffer to be left between any stream and the affected land. land when specified
   in state or local stream protection requirements.

1	(3)	visual screening such as existing natural vegetation, vegetated earthen berms, tree plantings at
2		staggered spacing, etc. to be installed and maintained as feasible between any affected land and any
3		adjoining property containing occupied buildings or public access within view of the affected land
4	(4)	erosion control measures to be taken during the construction and operation of all haul roads or access
5		roads to minimize offsite damage from sediment; sediment.
6 7	History Note:	Authority G.S. 74-63; 7451;
8		Eff. February 1, 1976;
9		Amended Eff. May 1, 1992; November 1, 1984.
10 11	15A NCAC 05B	.0106 STANDARDS FOR DENYING AN APPLICATION
12	An application fo	r a mining permit <del>including new permits, modified permits and renewal permits,</del> may be denied wher
13	the Department f	finds that any adverse conditions of G.S. 74-51(d) are expected to occur. Operation will have an
14	unduly adverse e	ffect on wildlife or fisheries by:
15	(1)	substantial siltation of streams or lake beds, increasing the average water temperature of adjacent
16		waterways to a temperature detrimental to the preexisting aquatic wildlife; or
17	(2)	other conditions designated by the North Carolina Wildlife Resources Commission as being
18		unduly detrimental to wildlife.
19	History Notes	And with C.S. 74 51, 74 59, 74 (2)
20 21	History Note:	Authority G.S. 74-51; 7458; 7463;
		Eff. February 1, 1976;
22 23		Amended Eff. November 1, 1984.
23 24	15A NCAC 05B	.0107 MODIFICATION OF MINING PERMIT
25	15A NCAC 05B	.0108 RENEWAL OF MINING PERMIT
26	15A NCAC 05B	.0109 STANDARDS FOR SUSPENDING OR REVOKING A MINING PERMIT
27		
28	History Note:	Authority G.S. 74-52; 7457; 7458;
29		Eff. February 1, 1976;
30		Repealed Eff. November 1, 1984.
31 32	15A NCAC 05B	.0110 MINING RECLAMATION REPORTS
33		or shall, by February 1 of each year during the life of the permitted operation, and within 30 days of
34 35 36	on a form prescri	mination of mining on an area under permit, file with the department a mining reclamation report bed by the department. The mine operator shall complete an annual mining reclamation report as -55. In the event of permit release, the operator shall complete a release request which includes the
37		the reclamation report.
38 39	History Note:	Authority G.S. 74-55; 143B290;
40	····· / -····	<i>Eff. March</i> 30, 1978;
41		Amended Eff. November 1, 1984.
		JJ ,

1 2

## 15A NCAC 05B .0111 PUBLIC HEARINGS

(a) If the department Department determines that there exists a significant public interest in an application for a new
mining permit, or for a modification that adds land to the existing permit, the director Director shall appoint a hearing
officer to conduct a public hearing on the application which shall be held no sooner than 20 or later than 60 days 90
days of the filing of the application and before the department Department makes its final decision regarding the
application.

8 (b) At least 20 days prior to the public hearing, the department Department shall publish provide notice thereof in a

9 newspaper of or other media platform with general coverage in the county in which the proposed mine is located. The

10 department may also give notice to the public by other means. In addition, the department Department shall cause

11 written notice of the hearing to be sent by certified or registered mail to the applicant and to the known owners of all

12 adjoining land. land as specified in G.S. 74-50..

(c) Any person may appear at the public hearing and give oral or written comments on the proposed application. The hearing officer may impose reasonable limitations on the length of time that any person may speak and may summarize comments rather than recording them in full. The hearing officer may allow additional written comments to be

submitted after the hearing within a period of time <u>he or she</u> deems appropriate which shall not exceed ten days.

17 (d) Within ten days after the hearing or time for additional comment, the hearing officer shall prepare a written report

18 summarizing the comments that were submitted regarding the application. The report shall include copies of all written

19 comments submitted. Copies of the report shall be made available to the applicant or members of the public upon

20 request. The <u>Department shall give full consideration to all comments contained in the hearing record in making its</u>

21 final determination on the application.

22 23

History Note: Authority G.S. 74-51; 74-63; 74-86;

Eff. May 1, 1982.

## 24 25

26 15A NCAC 05B .0112 PERMIT APPLICATION PROCESSING FEES

27 (a) A nonrefundable permit application processing fee, in the amounts stated in G.S. 74-54.1, Paragraphs (b), © and

28 (d) of this Rule, shall be paid when an application for a new mining permit permit or a permit modification, or a

29 renewal permit or transfer is filed in accordance with <u>G.S. 74-51</u> or <u>G.S. 74-52</u> and <u>15A NCAC 5B .0003, .0004, and</u>

30 .0005. the rules of this Subchapter.

31 (b) No fee is required for administrative changes initiated by the Director to correct processing errors, to change

32 permit standards or to implement new standards.

33 (b) A non refundable fifty dollar (\$50.00) permit application processing fee is required for minor permit

34 modifications. Minor permit modifications include administrative changes such as ownership transfers, name

35 changes, and bond substitutions. A minor permit modification also includes lands added to a permitted area, outside

36 of the minimum permit buffer zone requirements, where no plans for mining related disturbance of the added lands

37 have been approved. All other changes to the permit are major modifications.

(c) A non refundable fifty dollar (\$50.00) permit application processing fee is required for permit renewal of an 1 2 inactive site, provided that any previously disturbed areas have been reclaimed in a manner acceptable to the 3 Department. Once renewed, prior to initiating any mining related disturbance, an application for a major modification 4 and a processing fee shall be submitted to and approved by the Department. For purposes of this Paragraph, and 5 notwithstanding Paragraph (d) of this Rule, the acreage for a major modification shall be the total acreage at the site. 6 All other modifications to the renewed permit shall be governed by Paragraphs (b) and (d) of this Rule. 7 (d) c)For the purposes of this Rule, acres for new permits and renewal permits means the total acreage at the site; and 8 acres for major modification of permits means that area of land affected by the modification within the permitted mine

9 area, or any additional land that is to be disturbed and added to an existing permitted area, or both. Each permit

- 10 application shall be deemed incomplete until the permit application processing fee is paid. Schedule of Fees:
- 12 MAIOR 13 TYPE ACRES **NEW PERMIT MODIFICATION** RENEWAL 14 15 CLAY 1 but less \$ 500 \$ 250 <u>\$ 250</u> than 25 16 17 25 but less 1000 500 500 than 50 18 19 50 or more 1500500 500 20 SAND & 1 but less 15010010021 GRAVEL, than 5 10010022 **GEMSTONE** 5 but less 25023 AND than 25 500  $\frac{250}{250}$ 500 24 BORROW 25 but less 25 PITS than 50 26 50 or more 1000 500 500 27 OUARRY. 250 100 100 1 but less 28 **INDUSTRIAL** than 10 29 10 but less 1000250500 MINERALS, 30 **DIMENSION** than 25 25 but less 1500 500 500 31 STONE 32 than 50 33 50 or more 2500 500 500 34 PEAT & 1 or more 2500 500 500 35 PHOSPHATE 36 GOLD (HEAP 2500 500 500 1 or more 37 LEACH), TITANIUM & 38 39 **OTHERS**
- 40

11

41 (e) Payment of the permit application processing fee shall be by check or money order made payable to the "N.C.

42 Department of Environment, Health, and Natural Resources". The payment shall refer to the new permit, permit

43 modification or permit renewal.

44 (f) In order to comply with the limit on fees set forth in G.S. 143B-290(4)b, the Director shall, in the first half of

45 each state fiscal year, project revenues for the fiscal year from fees collected pursuant to this Rule. If this projection

Strikethroughs are words proposed for removal. Underlines are words proposed for insertion.

1	<del>shows that th</del>	e statutory limit will be exceeded, the Director shall order a pro rata reduction in the fee schedule for
2	the remainder	r of the fiscal year to avoid revenue collection in excess of the statutory limits.
3 4	History Note.	
5		1991;
6		Authority G.S. 143B290;
7		ARRC Objection Lodged November 14, 1990;
8		ARRC Objection Removed December 20, 1990;
9		Eff. January 1, 1991;
10		Amended Eff. December 1, 1991.
11 12	15A NCAC	05B .0113 RESPONSE DEADLINE TO DEPARTMENT'S REQUEST(S)
13	An applicant	or permittee shall submit to the Department supplemental information regarding an application for a new
14	<del>permit</del> <u>or</u> mo	odified, permit, or permit renewal or transfer permit within 180 days after the date of receipt of the
15	Department's	written request(s) request for such information. Upon written request of the applicant or permittee to
16	the Director,	an additional reasonable specified period of time not to exceed one year shall be granted upon
17	determination	n of good cause by the Director. Additional time may be granted by the Mining and Energy Commission,
18	provided writ	tten request is made by the applicant or permittee before the expiration of the one-year period.
19 20	History Note.	: Authority G.S. 74-51; 7452; 7463; 143B290; Note:
21		RRC Objection Eff. September 15, 1994 due to lack of statutory authority;
22		Eff. November 1, 1994;
23		Amended Eff. August 1, 2012 (see S.L. 2012-143, s.1.(d))
24 25		
26		SUBCHAPTER 05F - CIVIL PENALTIES
27 28	15A NCAC	05F .0101 PURPOSE AND SCOPE
29	These Rules	set forth the procedures and standards to be followed by the director Director in assessing civil penalties.
30	Penalties and	by the Mining and Energy Commission in hearing appeals from the assessment of such penalties.
31 32	History Note.	: Authority <u>G.S. 74-61; <del>74-62;</del> 74-63; 74-64</u> ; 143B-10;
33		Eff. May 1, 1982;
34		Amended Eff. August 1, 2012 (see S.L. 2012-143, s.1.(d)); November 1, 1984.
35		
36	15A NCAC	05F.0102 DEFINITIONS
37	The terms us	ed herein shall be as defined in G.S. 74-49 as follows:
38	<del>(1)</del> "Đir	ector" means the Director, Division of Energy, Mineral, and Land Resources;
39	<del>(2)</del> "Reg	gional Engineer", means any regional engineer of the Land Quality Section, Division of Energy, Mineral,
40	and	Land Resources;

1	(3) "Mining and Energy Commission", means that body created by N.C.G.S. 143B 290.
2 3	History Note: Authority G.S. 74-61; 74-62; 74-63; 74-64; 143B-10;
4	Eff. May 1, 1982;
5	Amended Eff. August 1, 2012 (see S.L. 2012-143, s.1.(d)).
6 7	15A NCAC 05F .0103 WHO MAY ASSESS
8	Civil penalties may be assessed by the director. Director.
9 10	History Note: Authority G.S. 74-61; 74-62; 74-63; 74-64; 143B-10;
11	Eff. May 1, 1982.
12	
13	15A NCAC 05F .0105 CIVIL PENALTY FOR MINING WITHOUT A PERMIT
14	(a) Prior to the assessment of any civil penalty for mining without a permit, the alleged violator shall be given notice
15	by registered or certified mail, return receipt requested, signed by the Director. Regional engineer in the region in
16	which the violation occurred. The notice shall describe the violation with reasonable particularity, violation, order the
17	violator immediately to cease mining until a valid operating permit has been obtained, and specify a time period
18	reasonably calculated to permit the restoration of any disturbed area. area as deemed necessary by the regional
19	engineerThe notice shall also state that a civil penalty may be assessed for any violation.
20	(b) In determining whether to assess a civil penalty for any violation committed prior or subsequent to receipt of the
21	notice of violation, the director Director shall consider whether the violator ceased mining, restored the affected area,
22	or otherwise complied with the requirements of the notice of violation. Violation and shall also consider the various
23	eriteria in Rule 5F .0007. The civil penalty assessment shall specify with reasonable particularity the violation(s) for
24	which the penalty has been assessed and shall be transmitted to the violator by certified or registered mail, return
25	receipt requested.
26	History Note: Authority G.S. 74-60; 7461; 7463; 7464; 143B-10;
27	Eff. May 1, 1982;
28	Amended Eff. December 1, 1988; November 1, 1984.
29	
30	15A NCAC 05F .0106 CIVIL PENALTY FOR VIOLATING OPERATING PERMIT
31	(a) Prior to the assessment of a civil penalty against a permitted operator for violating any provisions of the Mining
32	Act of 1971, or any rules promulgated thereunder, or any conditions of his <u>or her</u> mining permit, the alleged violator
33	or his <u>or her</u> agent shall be given notice by registered or certified mail, return receipt requested, signed by the <u>Director</u> .
34	The notice shall describe the violation with reasonable particularity and specify a time period reasonably calculated
35	to permit the violator to correct the violation. The notice shall also state that civil penalties may be assessed against
36	the alleged violator if he <u>or she</u> fails to correct the violation within the specified time.
37	(b) If the violator does not comply with the requirements of the notice of violation within the time period specified in
38	the notice, the director Director may assess a civil penalty for any violation(s) committed after the date of receipt of
39	the notice of violation. The civil penalty assessment shall specify with reasonable particularity the violation(s) for

1	which the pena	Ity has been assessed and shall be transmitted to the violator by certif	ied or registered mail, return
2	receipt requeste	d.	
3	History Note:	Authority G.S. 74-60; 74-61; <del>74-62;</del> 74-63; 74-64; 143B-10;	
4		Eff. May 1, 1982;	
5		Amended Eff. November 1, 1984.	
6			
7			
8			
9	15A NCAC 05	F.0107 CRITERIA FOR DETERMINING AMOUNT OF PENA	LTY
10		the amount of a civil penalty assessment, the director shall consider the	
11	they are approp	riate to the violation:	-
12	(1)	nature of the violation ;	
13	(2)	degree and extent of the harm, including off site damage;	
14	(3)	duration of the violation;	
15	(4)	cause of the violation;	
16	(5)	cost of compliance and rectifying any harm or damage;	
17	<del>(6)</del>	violator's previous record of compliance with the Mining Act, or any r	ules promulgated thereunder,
18	•	mining permit issued to the violator;	
19	(7)	staff investigative costs ; and	
20	<del>(8)</del>	effectiveness of any action taken by the operator.	
21 22			
23			The gray box shows quotes
23	S	statute says: "Department shall consider:"	from the Mining statutes
25	1		that can be used in
26	2		determining the amount of
27	3		an assessment. In the past,
28	4		the RRC has limited
29			assessment criteria rules to
30		penalty for each day of violation of any rules or the Act.	only those specifically stated in statute and then said that
31 32		May not need the rule.	those remaining were
33			duplications and not needed
34	History Note:	Authority G.S. 74-61; <del>74-62;</del> 74-63; 74-64; 143B-10;	in rules. We expect they
35		Eff. May 1, 1982.	will do the same here.
36			
37	15A NCAC 05		
38		<u>30 days</u> after receipt of notification of any civil penalty assessment, the p	
39		sed may contest the decision of the department by filing a petition as des	cribed in G.S. 74-61 and G.S.
40	150B-23.		
41 42	History Note:	Authority G.S. 74-61; <del>74-62;</del> 74-63; 74-64; 143B-10;	
43		Eff. May 1, 1982;	

1		Amended Eff. August 1, 1988.
2		
3	15A NCAC 051	F.0109 HEARING PROCEDURES
4	(a) The final de	cision for purposes of judicial review under G.S. 74-61 shall be made by a majority vote of a quorum
5	of the Mining a	nd Energy Commission.
6	(b) All hearings	s shall be conducted in accordance with the departmental hearing procedures in 15A NCAC 1B .0200
7	et seq., and Cha	pter 150B of the General Statutes.
8	History Neter	And with C.S. 74 (1, 74 (2, 74 (2, 142D 10, 150D 22)
9	History Note:	Authority G.S. <u>74-61; <del>74-62;</del> 74-63</u> ; 143B-10; 150B-23;
10 11		Eff. May 1, 1982; Amended Eff. Average 1, 2012 (and S.L. 2012, $142$ , a.L. (d)); Average 1, 1088
11		Amended Eff. August 1, 2012 (see S.L 2012-143, s.1. (d)); August 1, 1988.
12	15A NCAC 051	F.0110 TENDERS OF PAYMENT
14	The director sha	Il accept and acknowledge all tenders of payment.
15		
16	History Note:	Authority G.S. 74-61; <del>74-62;</del> 74-63; 74-64; 143B-10;
17		Eff. May 1, 1982.
18 19	15A NCAC 051	F.0111 REFERRAL TO ATTORNEY GENERAL
20		against whom a civil penalty is assessed, fails to pay the assessment respond within 60 days 30 days
20		G.S. 74-64(a)(3), <del>Rule .0008</del> -nor file a contested case as provided in G.S. 74-61 during that time, the
22		<u>r</u> shall refer the matter to the Attorney General to recover the amount of the civil penalty.
23		of any civil penalty assessed pursuant to the rules of this Subchapter is not received by the director
24		30 days following denial of any appeal pursuant to G.S. 74-61 and G. S. 74 62 the director Director
25		natter to the Attorney General to recover the amount of the civil penalty.
26		
27	History Note:	Authority G.S. 74-61; <del>74-62</del> 74-63; 74-64; 143B-10;
28		Eff. May 1, 1982.
29		
30	15A NCAC 051	
31	-	this Subchapter shall be construed to restrict or impair the right of the director Director or the Mining
32		<u>nmission</u> to pursue any other remedy provided by law for violations of the Mining Act of 1971 or the
33	rules of this Cha	apter.
34 35	History Note:	Authority G.S. 74-61; <del>74-62; </del> 74-63; 74-64; 143B-10;
36	,, ,,, ,,, ,, ,, ,, ,, ,, ,, ,, ,, ,	Eff. May 1, 1982;
37		Amended Eff. August 1, 2012 (see S.L. 2012-143, s.1. (d)).
38		
39		
40 41		

1 2 3		
4		SUBCHAPTER 5G - URANIUM EXPLORATION REGULATIONS
5 6	15A NCAC 050	G.0101 PURPOSE
7		
8	History Note:	Authority G.S. 143B-290(1)(e); 7475 through 7489;
9		<i>Eff. December 1, 1983;</i>
10		Repealed Eff. August 1, 1988.
11 12	15A NCAC 050	G.0102 ACTIVITIES REQUIRING PERMITS
13		
14	History Note:	Authority G.S. 74-76; 7477;
15		<i>Eff. December 1, 1983;</i>
16		Repealed Eff. November 1, 1984.
17 18	15A NCAC 050	G.0103 PROCEDURES FOR OBTAINING PERMITS
19	The application	for and issuance of exploration permits is governed by the procedures in this Subchapter.
20 21	History Note:	Authority G.S. 74-77 through 7489;
22		Eff. December 1, 1983.
23 24	15A NCAC 050	G.0104 ABANDONMENT PLAN: BONDING REQUIREMENTS
25	(a) After review	ving an application, the department Department shall determine whether it should be approved and
26	notify the applic	cant of its determination. No application shall be approved unless it contains an abandonment plan
27	acceptable to the	e department Department. If the application is approved, the department Department will determine
28	the amount of th	e performance bond that will be required and issue to the applicant a bond form to be used in securing
29	the bond. A per	son shall not engage in exploration activity for the discovery of uranium until a bond in the required
30	amount has been	n filed with the department Department and an exploration permit has been issued.
31	(b) The amount	of the bond that will be required is to be determined as follows:
32	(1)	The applicant shall provide the department Department with an estimate of the total length of the
33		vehicular access roads which will involve the cutting of vegetation and/or grading and of the number
34		of exploratory drill holes and test pits;
35	(2)	The minimum amount of any bond shall be five thousand dollars (\$5,000.00). In addition to the
36		minimum bond amount of five thousand dollars (\$5,000.00), an additional bond amount shall be
37		required at the rate of two dollars (\$2.00) per each linear foot of vehicular access road and of two
38		hundred dollars (\$200.00) per each exploratory drill hole or test pit; and
39	(3)	If the department Department determines that the amount of the bond required under Subparagraph
40		(b)(2) of this Rule is either excessive or inadequate due to specific site conditions, the department

1		Department may negotiate a different bond amount that will assure adequate abandonment in the
2		event of bond forfeiture.
3	(c) A permittee	e shall be in violation of its permit if the length of the vehicular access roads or the number of
4	exploratory drill	holes or test pits exceeds the length or number authorized by the amount of its bond.
5 6	History Note:	Authority G.S. 74-78; 7479; 7486;
7		<i>Eff. December 1, 1983.</i>
8 9	15A NCAC 050	G.0105 DRILLING: CASING: TESTING AND ABANDONMENT
9	15/11/01/050	JUIUS DRILLING, CASING, TESTING AND ADANDONMENT
9 10		d procedures utilized in drilling, casing, testing and abandonment shall be in accordance with the
10	The methods an	
	The methods an	d procedures utilized in drilling, casing, testing and abandonment shall be in accordance with the Title 15A NCAC Subchapter 2C, Section .0100, Criteria and Standards Applicable to Water Supply
10 11	The methods an requirements of	d procedures utilized in drilling, casing, testing and abandonment shall be in accordance with the Title 15A NCAC Subchapter 2C, Section .0100, Criteria and Standards Applicable to Water Supply
10 11 12 13	The methods an requirements of and Certain Othe	d procedures utilized in drilling, casing, testing and abandonment shall be in accordance with the Title 15A NCAC Subchapter 2C, Section .0100, Criteria and Standards Applicable to Water Supply er Type Wells.