

R652. Natural Resources; Forestry, Fire and State Lands.

R652-20. Mineral Resources.

R652-20-100. Authority.

This rule implements Section 65A-6-2 which authorizes the Division of Forestry, Fire and State Lands to establish rules for the issuance of mineral leases and management of state owned lands and mineral resources.

R652-20-200. Mineral Leases--Issuance.

Applications are made for and the division shall issue separate mineral leases on the following classifications of mineral substances:

1. Metalliferous Minerals - shall include Aluminum, Antimony, Arsenic, Beryllium, Bismuth, Chromium, Cadmium, Cerium, Columbium, Cobalt, Copper, Fluorspar, Gallium, Gold, Germanium, Hafnium, Iron, Indium, Lead, Mercury, Manganese, Molybdenum, Nickel, Platinum, Group Metals, Radium, Silver, Selenium, Scandium, Rare Earth Metals, Rhenium, Tantalum, Tin, Thorium, Tungsten, Thallium, Tellurium, Vanadium, Uranium, Ytterbium, and Zinc.

2. Oil, Gas, and Hydrocarbon - shall include oil, natural gas, elaterite, ozocerite, and other hydrocarbons (whether the same be found in solid, semi-solid, liquid, vaporous, or any other form) including tar, bitumen, asphaltum, and maltha, and other gases. The oil, gas, and hydrocarbon category shall not include coal, oil shale, or gilsonite.

3. Oil Shale - shall include any sedimentary rock containing kerogen.

4. Coal - shall include black or brownish-black solid fossil fuel that has been subjected to the natural processes of coalification and which falls within the classification of coal by rank: I anthracite, II Bituminous, III Sub-Bituminous, IV Lignitic.

5. Potash - shall include the chlorides, sulfates, carbonates, borates, silicates, and nitrates of potassium.

6. Phosphate - shall mean any phosphate rock containing one or more phosphate minerals such as calcium phosphate and shall include all phosphatized limestones, sandstones, shales, and igneous rocks.

7. Clay Minerals - Kaolin, Bentonite, Ball Clay, Fire Clay, Fuller Earth, Common Clay, and Shale.

8. Building Stone and Limestone - Flagstone, Granite, Quartzite, Sandstone, Slate, Marble, Travertine, Dolostone, and Limestone whether dimensioned crushed, or calcined.

9. Gemstone and Fossil - Agate, Amber, Beryl, Calcite, Chert, Coral, Corundum, Diamond, Feldspar, Garnet, Geodes, Jade,

Jasper, Olivine, Opal, Pearl, Quartz, septarian Nodules, Spinel, Spodumene, Topaz, Tourmaline, Turquoise, and Zircon; and Coquina, Petrified Wood, Trilobites, and Other Fossilized Flora and Fauna.

10. Gypsum - Alabaster, Anhydrite, Gypsite, Satin Spar, and Selenite.

11. Gilsonite.

12. Volcanic Material - Lava Rock; Volcanic Pyroclastic Material including Ash, Blocks, Bombs, and Tuff; and Volcanic Glass Material including Perlite, Pitchstone, Pumice, Scoria, and Vitrophyre.

13. Industrial Sands - Abrasive Sands, Filler Sands, Foundry Sands, Frac Sands, Glass Sands, Lime Sands, Magnetic Sands, Silica Sands, and other uncommon sands used in industrial applications.

14. Mineral Salts (Great Salt Lake) - Refer to R652-20-3100, R652-20-3200.

R652-20-300. Non-Classified Minerals.

A person may make application for and the division may issue leases covering other minerals not included in R652-20-200 classifications. These leases are on terms and conditions as the division finds to be in the best interest of the state of Utah.

R652-20-400. Close Association Minerals.

A mineral lease issued as to any category shall include other minerals found in a close association with the expressly leased minerals when the expressly leased minerals cannot reasonably be mined or removed separately.

R652-20-600. Bed of Navigable Lake or River.

A mineral lease on any section of land lying in the bed of any navigable lake or river will normally only be issued inclusive of all lake or river bed lands available for lease within the section.

R652-20-700. Non-Contiguous Tracts.

A separate application is filed for each non-contiguous tract of land sought to be leased, unless all of the tracts sought to be leased fall entirely within a single township. This rule shall not apply to mineral salt leases within Great Salt Lake.

R652-20-800. Size of Leasable Tract.

Except for good cause shown, no mineral lease is issued for a tract less than a quarter-quarter section or surveyed lot, except where the land owned by the state within any quarter-quarter section or surveyed lot is less than the whole thereof, in which

case the lease will be issued only on the entire area owned and available for lease by the state within the quarter-quarter section or surveyed lot.

R652-20-900. Lease Acreage Limitations.

Mineral leases are limited to no more than 2,560.00 acres or four sections. The acreage limitation shall not apply to mineral salt leases within Great Salt Lake (R652-20-3100).

R652-20-1000. Rentals and Royalties.

1. Rentals. The Division is obligated to receive full value for the resources leased to persons of profit. This obligation includes obtaining a fair rental for the lands being used for mineral extraction.

(a) Rental rates are established in the Division fee schedule. Rental due dates shall be on or before the annual anniversary date of the effective date of the lease, the effective date of the lease being the first day of the month following the date on which the lease is issued.

(b) Any overpayment of advance rental occurring from mineral lease applicant's incorrect listing of acreage of lands described in the application may be credited toward the applicant's rental account.

(c) Minimum annual rental on any mineral lease is \$20.

(d) The division shall accept lease payments made by any party, but the acceptance of lease payments shall not be deemed to be a recognition of any interest of the payee in the lease.

(e) Effective January 1, 2010, rental credits will be phased out over a four year period. For the calendar year beginning January 1, 2010, 75% of rentals due can be credited against royalties for those leases that allow rental credits. For the calendar year beginning January 1, 2011, 50% of rentals due can be credited against royalties for those leases that allow rental credits. For the calendar year beginning January 1, 2012, 25% of rentals can be credited against royalties for those leases that allow rental credits. Effective January 1, 2013, rental credits will no longer be allowed on any mineral leases.

2. Royalty Provisions

The following production royalty rates shall apply to all classified mineral leases, as listed in R652-20-200, issued on or after the effective date of the applicable adjusted royalty rate. Mineral leases entered into prior to the effective date of adjusted royalty rates shall retain the royalty rate as specified in the lease agreement.

(a) Royalty rates on substances under oil, gas, and hydrocarbon leases.

TABLE

Oil	12-1/2%	-	Sulfur	12-1/2%
Gas	12-1/2%	-	Other hydrocarbon substances	6-1/4%(1)

(1) For leases that allow rental credits, the rental paid for the lease year shall be credited against production royalties as they accrue for that lease year, but not against advance or minimum royalties unless allowed by the mineral lease.

(2) During the first ten years of production and increasing annually thereafter at the rate of 1% to a maximum of 16-2/3%.

(b) Royalty rates on mineral commodities, coal, and solid hydrocarbons.

TABLE

Coal	8%	Phosphate	5%
Oil Shale (1)	5%	Potash and Associated Minerals	5%
Asphaltic/Bituminous Sands (2)	7%	Gypsum	5%
Gilsonite	10%	Clay	5%
Met. Minerals:		Geothermal Resources	10%
Fissionable	8%	Building Stone/Limestone (except 2% for calcined lime)	5%
Non-Fissionable	4%	Volcanic Materials	5%
Gemstone/Fossil(3)	10%	Industrial sands	5%
Magnesium	1-1/2%		
Salt (Sodium chloride) (4)			
	\$0.50/dry ton		

(1) 5% during the first five years of production and increasing annually thereafter at the rate of 1% to a maximum of 12-1/2%.

(2) May be escalated after the first five years of production at the rate of 1% per annum to maximum of 12-1/2%.

(3) Requires payment of annual minimum royalty of \$5 per acre.

(4) Beginning January 1, 2001, the royalty rate per ton will be adjusted annually by the Producer Price Index for Industrial Commodities as provided under R652-20-1000(e) using 1997 as the base year.

(c) Notwithstanding the terms of oil, gas, and hydrocarbon lease agreements, gas and natural gas liquid reports, and their required royalty payments, are required to be received by the division on or before the last day of the second month succeeding the month of production. This extension of payment and reporting time for gas and NGL does not alter the payment and reporting time for oil and condensate royalty which must be received by the division on or before the last day of the calendar month succeeding the month of production, as currently provided in the lease form.

(d) Readjustment of salt royalties on royalty agreements negotiated before July 9, 1992.

i) The division is obligated to receive full value for the public trust resources leased to persons for profit. This obligation includes obtaining a fair royalty for salt produced from the waters of Great Salt Lake. The division shall readjust the royalty rate for sodium chloride on all royalty agreements negotiated prior to July 9, 1992. The royalty rate will be readjusted in accordance with analysis done by the Utah Bureau of Economic and Business Research, Office of Energy and Resource Planning and division staff and with a rule change approved by the Board of State Lands and Forestry on July 9, 1992 to increase the royalty on salt from \$0.10 per ton to a rate per ton approximately equivalent to three percent of gross value of dry salt. The division has determined this rate to be \$0.50 per dry ton. The royalty rate shall be phased in as provided in Subsections (ii) and (iii).

ii) Effective January 1, 1997, the royalty rate for sodium chloride shall be \$0.20 per dry ton. Effective January 1, 1998 and on each January 1 thereafter, the royalty rate for sodium chloride shall be increased by the lesser of \$0.10 per dry ton or \$0.10 per dry ton times the percent of salt in brine by weight at the point of intake for each lessee divided by the percent of salt by weight derived from samples at sampling point LVG4 as measured by the Utah Geological Survey for the current year. The method for calculating the percent salt in brine from Utah Geological Survey and company data shall be determined by the division, but shall include a weighted average of samples taken at low and high water and of samples taken at different depths at the sampling point. The point of sampling for each producer shall be determined by the division after considering factors including the location of the intake canal, point of diversion for water rights, and placement of intake pumps.

iii) The annual adjustment under Subsection(ii) shall continue until the royalty rate for a lessee is \$0.50 per dry ton

or an amount per ton as determined under Subsection (e), whichever is greater, at which time subsequent annual adjustments shall be determined in accordance with Subsection (e).

(e) Effective January 1, 2001 or the date on which the royalty paid by a lessee reaches \$0.50 per dry ton, whichever is later, the royalty rate for sodium chloride will be adjusted annually by the Producer Price Index for Industrial Commodities using the following formula: \$.50 times the Producer price index for Industrial Commodities for the current year divided by the Producer Price Index for Industrial Commodities for 1997.

R652-20-1100. Limits to Rental Credit.

For leases that allow rental credits, the rental paid for the lease year shall be credited only against the production royalties as they accrue for that lease year.

R652-20-1200. Record of Application and Deficient Applications.

Applications for mineral leases, except in the case of simultaneous filing, are received for filing in the office of the division during office hours. Except as provided, all the applications received, whether by U.S. Mail or by personal delivery over the counter, are immediately stamped with the date of filing. If an application is determined to be deficient, it is returned to the applicant with instructions for its amendment or completion.

If the application is resubmitted in satisfactory form within 15 days from the date of the instructions, it shall retain its original filing time. If the application is resubmitted at any later time, it is deemed filed at the time of resubmission.

R652-20-1300. Order of Filing Conflict.

Except in cases of simultaneous filing, in the event that two or more applications for the same land bear a date stamp showing the said applications were filed at the same time, then the division shall determine which applicant is awarded a lease by public drawing.

R652-20-1400. Newly Acquired Lands.

The term "newly acquired lands" as used in this rule shall include those lands transferred to the state of Utah by the federal government. If these transferred lands are encumbered by a federal mineral lease at the time of transfer, they are deemed to be newly acquired as of the date when the lands first become available for leasing by the state and not as of the date when the encumbered lands are first transferred to the state.

R652-20-1500. Minimum Bid/Simultaneous Filing.

The bid shall at least equal the rental rate for the substance to be leased and shall be the rental for the first year of the lease.

R652-20-1600. Posting Dates/Simultaneous Filing.

Notices of the offering of lands for simultaneous filing will run for 15 business days and are posted at times to insure that all bid openings are on the last Monday of that month, or on the first business day following the last Monday of that month, if the last Monday falls on a legal state holiday.

R652-20-1700. Sealed Envelopes/Simultaneous Filing.

Applications shall be submitted in sealed envelopes marked for simultaneous filing.

R652-20-1800. Application Refund.

If application, or any part thereof, is rejected, money tendered for rental or rejected portion may be refunded or credited.

R652-20-1900. Application Withdrawal.

Should an applicant desire to withdraw his application, the applicant must make a written request. If the request is received prior to the time the division approves the application, all money tendered by the applicant, except the filing fee, is refunded. If the request is received after approval, then, unless the applicant accepts the offered lease, all money tendered is forfeited to the state.

R652-20-2000. Application Withdrawal Under Simultaneous Filing.

Applicants desiring to withdraw an application which has been filed under the simultaneous filing procedure, must make a written request. If the request is received before sealed bids for rental have been opened, all money tendered by the applicant, except the filing fee, shall be refunded. If the request is received after sealed bids for rental have been opened, and if the applicant's rental offer is high, then unless the applicant accepts the offered lease, all money tendered is forfeited to the state.

R652-20-2100. Failure of State's Title.

Should it be found necessary to reject an application or to terminate an existing lease, excepting applications or leases approved through simultaneous leasing procedure, due to failure of state's land title, then only advance rental paid for the year in

which title failure is discovered is refunded. All other advance rentals and fees paid on the application or lease are forfeited to the state.

R652-20-2200. Lease Provisions.

In order to affect the purposes of development of mineral resources owned by the state of Utah, the following provisions, terms and conditions shall apply to all mineral lessees/leases:

1. Preference Rights for Unleased Minerals--Any state mineral lessee who discovers any minerals on lands leased from the state of Utah which are not included within his lease shall have a preference right to a state mineral lease covering these unleased minerals, provided the unleased minerals at the time of discovery are not included within a mineral lease or mineral lease application of another party. The preference right lease is issued upon a lease form in current use by the state of Utah. The preference right lease is subject to the rental, royalty, and development requirements as provided in the lease form. The preference right shall not extend to any unleased minerals on state lands which have been withdrawn from mineral leasing. The preference right shall continue for a period of 60 days after the discovery of unleased minerals, provided the applicant notifies the division within the ten days after the discovery and makes application to lease the unleased minerals within 60 days after the date of discovery.

2. Lease Term Exclusion--If drilling operations are being diligently pursued on the leased premises at the end of the term, including any valid extension of any oil and gas lease, the term of the lease shall automatically extend for a term of two additional years. Upon written application by lessee and satisfactory showing of due diligence in prosecution of drilling operations, an extension rider is issued by the division. Application for extension rider shall be filed by the lessee within 30 days prior to expiration of the fixed term of any valid extension of the lease.

3. Cultural, Paleontological, and Biological Resources--The division may require the lessee to:

(a) provide a cultural, paleontological or biological survey on lands under mineral lease; and

(b) be responsible for reasonable mitigative actions as specified by the division. Surveys conducted in performance for another state or federal agency may be submitted to the division when the survey is also required by the division.

4. Geologic Data--Lessee or operator shall keep a log of geologic data accumulated or acquired by lessee within the land area described in the lease. This log shall show the formations

encountered and any other geologic information reasonably required by lessor and shall be available upon request by the division. A copy of the log, as well as any data related to exploration drill holes, shall be deposited with the division upon termination of the lease.

5. Assignments, Subleases and Overriding Royalties

(a) Definitions

i) A total assignment is an assignment of undivided total interest.

ii) An interest assignment is an assignment of any working interest less than the undivided total, except overriding royalty interests.

iii) A partial assignment is an assignment of part of the lands in a lease and a segregation of the assigned lands into a separate lease.

(b) Any mineral lease may be assigned or subleased as to all or part of the acreage, to any person, firm, association, or corporation qualified to hold a state lease, provided, however, that all assignments and subleases are approved by the division. No assignment or sublease is effective until approval is given. Any assignment or sublease made without approval is void.

(c) Unless otherwise authorized by the division, an assignment of a portion of a lease covering less than a quarter-quarter section, a surveyed lot, an assignment of a separate zone, or a separate deposit is not approved.

(d) An assignment or sublease shall take effect the first day of the month following the approval of the assignment or sublease by the division. The assignor or sublessor or surety, if any, shall continue to be responsible for performance of any and all obligations as if no assignment or sublease had been executed until the effective date of the assignment or sublease. After the effective date of any assignment or sublease, the assignee or sublessee is bound by the terms of the lease to the same extent as if the assignee or sublessee were the original lessee, any conditions in the assignment to the contrary notwithstanding.

(e) A partial assignment of any lease shall segregate the assigned or retained portions thereof and, after the effective date, release or discharge the assignor from any obligation thereafter accruing with respect to the assigned lands. Segregated leases shall continue in full force and effect for the primary term of the original lease or as further extended pursuant to the terms of the lease.

(f) An assignment or transfer of a lease, interest herein, or of an overriding royalty must be a good and sufficient legal instrument, properly executed and acknowledged, and should clearly set forth the serial number of the lease, the land involved, and

the name and address of the assignee, and the interest transferred.

(g) An assignment must affect or concern only one lease or a portion thereof, except for good cause shown.

(h) Any assignment which would create a cumulative overriding royalty in excess of the production royalty payable to the state as landowner of the state mineral lease will not be approved by the division. Any agreement to create or any assignment creating overriding royalties or payments out of production removed or sold from the leased lands is subject to the division, after notice and hearing, to require the proper parties thereto to suspend or modify the royalties or payments out of production in such a manner as may be reasonable when and during such period of time as they may constitute any undue economic burden upon the reasonable operations of this lease.

(i) Assignment instructions are as follows:

i) Prepare and execute the assignments in duplicate, complete with acknowledgments.

ii) Each copy of the assignment shall have attached thereto an acceptance of assignment duly executed by the assignee.

iii) All assignments forwarded to or deposited with the division must be accompanied by the prescribed fee.

6. Lease Amendments--When the division approves the amendment of existing mineral leases by substituting a new lease form for the existing form(s), the amended lease will retain the effective date of the original lease.

R652-20-2300. Lessee Rights.

Mineral exploration, oil and gas drilling, or other operations which disturb the surface of lands contained within or above state mineral lease lands require surface rehabilitation of the disturbed area as approved by the division, and as required by the laws administered by the Utah Division of Oil, Gas and Mining.

R652-20-2400. Operations Notification Period.

1. At least 60 days prior to the commencement of mineral exploration, mining or other operations which disturb the surface of lands contained within or above a state mineral lease, lessee shall submit plans for operations to the Division of Forestry, Fire and State Lands. The division shall review and make an environmental assessment and endorse or stipulate changes in lessee's plan of operation within the review period. Where feasible, the division's review shall be conducted concurrently with those of other agencies. Review by another state or federal agency may be accepted by the division in lieu of a separate division review. Following review, the division may require the

lessee to adopt a special rehabilitation program required by lessor for the particular property in question. Lessee shall not commence operations upon the land without a plan of operation approved by the division.

2. Before any operator or lessee shall commence actual drilling operations of any well or prior to commencing any surface disturbance associated with the activity on lands contained within a state mineral lease, the operator or lessee shall simultaneously file with the division a legible copy of the application for permit to drill (APD), as is filed with the Division of Oil, Gas, and Mining.

The division will review any request for drilling operation and will grant approval, providing that the contemplated location and operations are not in violation of any rules, order, or policy. Division approval of the application for permit to drill on mineral resources administered by the Division of Forestry, Fire and State Lands is required prior to approval by the Division of Oil, Gas, and Mining. Notice of approval by the Division of Forestry, Fire and State Lands will be given in an expeditious manner to the Division of Oil, Gas, and Mining.

3. All lessees or designated operators under state mineral leases have responsibility to be aware of notification requirements and operating rules promulgated by the Division of Oil, Gas and Mining with regard to mineral exploration, mining, or oil and gas drilling on lands within the state of Utah. Lessees or operators shall fully comply with all the rules or requirements and provide timely notifications, mine plans, well completion reports, or other information as may be requested.

R652-20-2500. Multiple Mineral Development (MMD) Area Designation.

1. The division may designate any state land under its authority as a multiple mineral development area. In designated multiple mineral development areas the division may require, in addition to all other terms and conditions of the mineral lease, that the lessee furnish a bond or evidence of financial responsibility as specified by the division, to assure that the state and other mineral lessees shall be indemnified and held harmless from and against unreasonable and all unnecessary damage to mineral deposits or improvements caused by the conduct of the lessee on state lands. Written notice shall be given to all mineral lessees holding a mineral lease within the multiple mineral development area. Thereafter, in order to preserve the value of mineral resources the division may impose any reasonable requirements upon any mineral lessee who intends to conduct any mineral activity within the multiple mineral development area.

The lessee is required to submit advance written notice of any activities to occur within the multiple mineral development area to the division and any other information that the division may request. All activities within the multiple mineral development area are to be deferred until the division has specified the terms and conditions under which the mineral activity is to occur and has granted specific permission to conduct the activity. The division may hold public meetings regarding the mineral development within the multiple mineral development area.

2. The division may grant a mineral lease extension under a multiple mineral development area designation, providing that the mineral lessee or operator requests an extension prior to the lease expiration date, and that the lessee or operator would have otherwise been able to request a lease extension as provided in Section 65A-6-4(4).

R652-20-2600. Term of Mineral Lease.

The term of all mineral leases included in any cooperative or unit plan of oil and gas development or operation in which the division has joined, or shall hereafter join, shall be extended automatically for the term of the unit or cooperative agreement. Rentals on leases so extended shall be at the rate specified in the lease, subject to the change in rates as may be demanded by the lessor on any lease readjustment date as authorized by the lease.

R652-20-2700. Lease Continuation.

Any lease which is eliminated from any such cooperative or unit plan of development or operation, or any lease which is in effect at the termination of the cooperative or unit plan of development or operation, unless relinquished, shall continue in effect for the fixed term of the lease, or for two years after its elimination from the plan or agreement or the termination thereof, whichever is longer, and so long thereafter as the leased substances are produced in paying quantities. Rentals under the lease shall continue at the rate specified in the lease.

R652-20-2800. Bonding.

1. Prior to commencement of any operations on a state mineral lease, the lessee or designated operator shall post with the division a bond in the form and amount as may be determined by the division to assure compliance with all terms and conditions of the lease.

2. The bond required for an oil and gas, geothermal, or minerals exploration project shall be:

(a) a statewide blanket bond in the minimum amount of

\$80,000 covering exploration operations on all state of Utah mineral leases held by lessee which shall be in an amount at least equal to the accumulative amount of individual project bonds as set forth below; or

(b) a project bond covering an individual exploration project involving one or more state of Utah mineral leases. The amount of the project bond will be determined by the division at the time lessee gives notice of proposed operations. This bond will not be less than \$5,000 per acre of surface disturbance, or in the case of an oil and gas or geothermal well:

TABLE

WELL DEPTH	BOND AMOUNT
0- 3,000 ft.	\$10,000
3,000-10,000 ft.	20,000
Greater than 10,000 ft.	40,000

3. The bond required for construction and operation of a mine or minerals production plant shall be determined by the division on basis of an approved mining and reclamation plan or plan of development and operations. This bond may be posted with the Division of Oil, Gas and Mining providing written consent is first obtained from the Division of Forestry, Fire and State Lands. Existing project bonds on the same lease(s) may be incorporated into this mine or minerals production plant bond.

4. All bonds posted on mineral leases may be used for payment of all monies, rentals, and royalties, due the state as lessor; including:

(a) costs of reclamation, damages to the surface and improvements thereon, and any other costs which arise by operation of the lease and accrue to the lessor.

(b) lessee's compliance with all other terms and conditions of the lease, and rules, and policies relating thereto of the Board of State Lands and Forestry, Division of Forestry, Fire and State Lands, Board of Oil, Gas, and Mining, and Division of Oil, Gas, and Mining.

This bond shall be in effect even if the lessee or designated operator has conveyed all or part of the leasehold interest to a sublessee(s), assignee(s), or subsequent operator(s), until the bond may be released by the state as lessor, or until the lessee or designated operator fully satisfies the above-described obligations, or until the bond is replaced with a new bond posted by a sublessee, assignee, or new designated operator.

5. Bonds may be accepted in any of the following forms:

(a) Surety bond with an approved corporate surety registered in Utah.

(b) Cash deposit. The state will not be responsible for any investment returns on cash deposits.

(c) Certificate of deposit in the name of "Utah Division of Forestry, Fire and State Lands and lessee, c/o lessee's address", with an approved state or federally insured banking institution registered in Utah. The certificate of deposit must have a maturity date no greater than 12 months, be automatically renewable, and be deposited with the division. The lessee will be entitled to and receive the interest payments. All certificates of deposit must be endorsed by the lessee prior to acceptance by the director.

(d) Other forms of surety as may be acceptable to the Utah Division of Forestry, Fire and State Lands.

6. Any lessee or designated operator forfeiting a bond is denied approval of any future exploration or mining on state lands, except by compensating the state for previous defaults and posting the full bond amount estimated for reclamation or lease performance and reclamation on subsequent operations.

7. Bonds may be increased at any time in reasonable amounts as the Division of Forestry, Fire and State Lands may order, providing lessor first gives lessee 30 days written notice stating the increase and the reason for the increase.

8. The division shall waive the filing of a bond for any period during which a bond meeting the requirements of this section is on file with another agency.

R652-20-3000. Mineral Lease Application--Lake or Stream Bed.

1. Applications for mineral leases for lands within the bed of a lake or stream will be rejected unless:

(a) the lake or stream has been judicially determined to have been navigable at the time of statehood or was, in the reasonable judgment of the division, navigable at the time; or

(b) the issuance to applicant of a lease on the navigable lake or navigable stream bed would serve to protect the applicant as the owner, or holder of mineral rights, on abutting riparian uplands.

2. Any lessee or operator proposing, or conducting, exploration or mining operations in the bed of a navigable lake or stream shall, prior to the commencement of operations, file the notification and obtain such permits as may legally be required by any and all local, state, or federal governmental agencies, having jurisdiction over these activities. In no event will the lessee or operator cause pollution or salinity in any navigable lake or stream to exceed these limits which are set by ordinance, law or

inter-governmental treaty.

R652-20-3100. Great Salt Lake--Salt and Other Mineral Resources.

1. Salts and other minerals in the waters of Great Salt Lake are reserved to the state and shall be sold only upon a royalty basis and under the terms and provisions as specified in the royalty agreement as herein provided for in this rule and all other terms and conditions as the division deems necessary in the best interest of the state.

2. The term "salts and other minerals" as used in this rule shall include all salts and other minerals contained in solution or suspension in the waters of Great Salt Lake, and shall not include salts or other minerals that have precipitated out or have settled on the bottom of the lake.

3. Royalty agreement applications shall be made upon forms provided by the division and shall be in accordance with the laws and rules governing applicant qualifications, application and lease form.

4. Royalty agreements for salts and other minerals contained in waters of Great Salt Lake, shall require the following advance royalty payment which may be applied against royalties which may thereafter accrue during the same calendar year for which the advance royalty is paid.

(a) \$10,000 per annum for all royalty agreements in which the lessee therein also obtains a lease of land within Great Salt Lake.

(b) \$5,000 per annum for all royalty agreements in which the lessee therein does not obtain a surface or mineral lease of state lands within Great Salt Lake.

c. Royalty agreements for sodium chloride salts shall require on or before January 1st of each year, an advance royalty of not less than \$1,000, which sum may be applied against royalties which may thereafter accrue during the same calendar year for which the advance royalty is paid.

5. Royalties shall be paid upon a calendar year basis. The minimum royalty for the balance of the calendar-year in which the agreement is executed shall be prorated in proportion to the time remaining.

6. The gross market value of the products shipped, upon which the royalty payments are to be paid, shall not include amounts expended for bags, boxes, receptacles, or other costs directly related to or necessary in the shipping of any product.

7. Royalty agreements shall contain provisions necessary to effect the purpose of this rule, including: the rights of the vendee; the term of the royalty agreement; annual rental and royalties; rights reserved to the vendor; bonds; reporting of

technical data; operation requirements; vendees consent to suit in any dispute arising under the terms of the royalty agreement or as a result of operations carried on under the royalty agreement; procedures for notification; transfers of interest by vendee; establishment of water rights and water usage; discovery of other minerals; terms and conditions of royalty agreement forfeiture; protection of the state from liability from all actions of the vendee; and all other provisions that the division deems necessary to protect the interest of the state and to fulfill the purpose of this rule.

R652-20-3200. Mineral Salts Leases Within Great Salt Lake.

1. Mineral leases for mineral salts on land within Great Salt Lake, shall be issued pursuant to the provisions of this rule, and other applicable laws and rules governing the issuance of mineral leases on state owned lands or mineral resources.

2. Definitions: The term "state land within Great Salt Lake", as used in this section, shall include all state lands lying within the exterior boundary lines of the meander-line around the lake as surveyed by the United States. The term "salts", as used in this section, shall mean, chlorides, sulphates, carbonates, boratex, silicates, oxides, nitrates and associated minerals existing at the surface and to the extent of their continuous depth, but shall not include the salts and other minerals contained in solution or suspension in the waters of Great Salt Lake as defined in R652-20-3100.

3. All mineral lessees granted a mineral salts lease under this section must have a royalty agreement as provided under R640-20-3100. This royalty agreement shall be a minimum royalty of \$10,000.

4. Leases issued pursuant to this rule shall grant the lessee the right to mine, extract, or remove salts from the surface of the lands covered thereby, together with the right to use so much of the surface as is necessary for all purposes incident to the extraction of salts and other minerals from brines of Great Salt Lake or the surface of the lands covered by the lease.

5. Leases shall provide for a rental using rates established in the Division fee schedule and shall be coterminous with R652-20-3100.

6. Leases issued pursuant to this rule shall contain provisions necessary to affect the purpose of this rule, including, the following provisions: the rights of the lessee; the term of the lease; annual rental and royalties; rights reserved to the lessor; bonds; reporting of technical data; operation requirements; lessees consent to suit in any dispute arising under

the terms of this lease or as a result of operations carried on under this lease; procedures for notification; transfers of interest by lessee; establishment of water rights and water usage; discovery of other minerals; terms and conditions of lease forfeiture; protection of the state from liability from all actions of the lessee; and all other provisions that the division deems necessary to protect the interest of the state and to fulfill the purpose of this rule.

R652-20-3400. Geothermal Steam Leases.

Geothermal steam resources contained in or under lands of the state of Utah are reserved to the state and shall be sold only upon a lease and royalty basis. Applications shall be made upon forms provided by the division and shall be subject to all applicable minerals management statutes and rules and the following provisions:

1. Geothermal steam leases are issued only on lands where the state of Utah owns both the surface and mineral rights, unless lessee agrees to accept as part of his lease agreement the "Addendum to Geothermal Steam Lease and Agreement", adopted by the Board of State Lands and Forestry on March 20, 1974.

2. Lessee shall file the required bond prior to the commencement of any operations on lands of the state.

R652-20-3600. Special Lease Agreement--Documentation.

1. Application for Special Lease Agreement for mineral lease on state lands held by other state agencies shall be in accordance with mineral rules applying to lands held by the Division of Forestry, Fire and State Lands, provided however, that Special Lease Agreement Applications shall be accompanied by the following documentation to be submitted by the applicant at the time of application for each tract of land contained in the application:

(a) A complete chain of title indicating all conveyances and mineral reservations.

(b) A plat map showing the exact location, dimensions, and legal description of the land.

(c) Written consent of the state agency using or holding the land.

2. Special Lease Agreement - Forms

Special Lease Agreements issued for mineral lease on state lands held by other state agencies shall be on forms approved by the division, provided however, that the state agency holding these lands may stipulate special terms and conditions to be added to the lease to mitigate impact of the lease or lessee's operations upon that state agency's land.

R652-20-4000. Readjustment Rule.

1. Any lease, except an oil, gas and hydrocarbon lease, which is subject to a readjustment provision may be readjusted as follows:

(a) Any term or condition of a lease may be readjusted including the rent, royalty, minimum rental, or minimum royalty provisions of the lease.

(b) The division shall give notice to the lessee at least one year prior to readjustment. Failure to give notice prior to a date a lease is eligible for readjustment shall not waive or prejudice the right of the division to readjust the lease at a later date.

(c) The readjusted terms shall become effective on the date specified by the division at the time the readjusted terms are sent to the lessee.

(d) Failure of the lessee to accept the terms of any readjustment shall be considered a violation of the provisions of the lease and shall subject the lease to forfeiture.

2. In the event of a conflict between this section and the terms of a readjustment provision in a lease, the lease terms shall supersede to the extent of the conflict.

KEY: royalties, salt, primary term, administrative procedures

Date of Enactment or Last Substantive Amendment: September 23, 2009

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Authorizing, and Implemented or Interpreted Law: 65A-6-2; 65A-6-4(3)