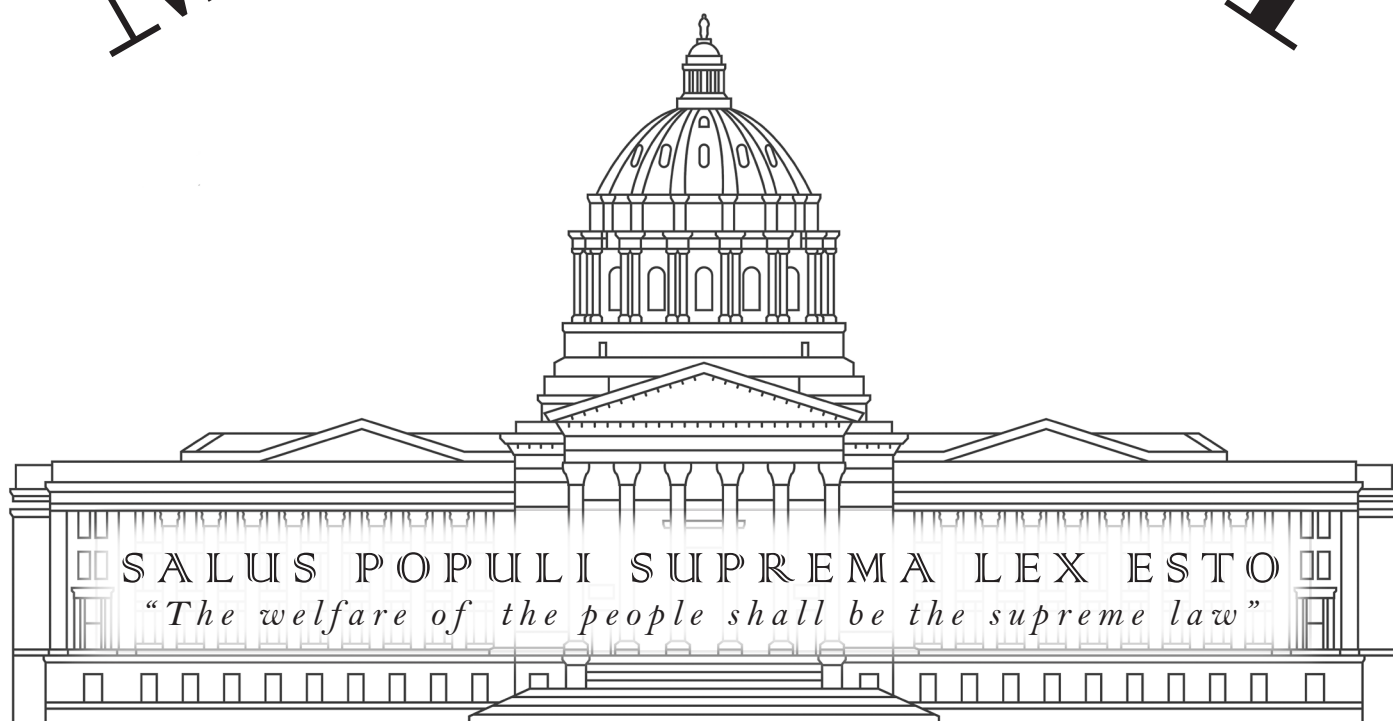


Volume 51, Number 16
Pages 1017-1094

August 17, 2026

MISSOURI



REGISTER

Denny Hoskins



Secretary of State

The *Missouri Register* is an official publication of the state of Missouri, under the authority granted to the secretary of state by sections 536.015 and 536.033, RSMo. Reproduction of rules is allowed; however, no reproduction shall bear the name *Missouri Register* or “official” without the express permission of the secretary of state.

The *Missouri Register* is published semi-monthly by

SECRETARY OF STATE

Denny Hoskins

Administrative Rules Division
James C. Kirkpatrick State Information Center
600 W. Main
Jefferson City, MO 65101
(573) 751-4015

DIRECTOR

CURTIS W. TREAT

MANAGING EDITOR

STEPHANIE MARTIN

SENIOR PUBLICATIONS SPECIALIST

JACQUELINE D. WHITE

EDITOR

VONNE KILBOURN

EDITOR

AARON REED

ISSN 0149-2942

The *Missouri Register* and *Code of State Regulations* (CSR) are available on the Internet. The *Register* address is sos.mo.gov/adrules/moreg/moreg and the CSR is available at sos.mo.gov/adrules/csr/csr. The Administrative Rules Division may be contacted by email at rules@sos.mo.gov.

The secretary of state's office makes every effort to provide program accessibility to all citizens without regard to disability. If you desire this publication in alternate form because of a disability, please contact the Division of Administrative Rules, PO Box 1767, Jefferson City, MO 65102, (573) 751-4015. Hearing impaired citizens should contact the director through Missouri relay, (800) 735-2966.

MISSOURI



REGISTER

August 17, 2026

Vol. 51 No. 16 Pages 1017-1094

EXECUTIVE ORDERS	1021	Missouri Dental Board	1073
		Missouri Board of Occupational Therapy	1073
PROPOSED RULES		DISSOLUTIONS	1075
Department of Natural Resources		SOURCE GUIDES	
Solid Waste Management	1022	RULE CHANGES SINCE UPDATE.	1080
Department of Revenue		EMERGENCY RULES IN EFFECT.	1084
Director of Revenue	1066	EXECUTIVE ORDERS	1085
Elected Officials		REGISTER INDEX.	1089
Secretary of State	1066		
Department of Commerce and Insurance			
Behavior Analyst Advisory Board	1068		
ORDERS OF RULEMAKING			
Missouri Department of Transportation			
Missouri Highways and Transportation Commission ..	1070		
Department of Natural Resources			
Well Installation	1072		
Department of Social Services			
Children's Division	1072		
Department of Commerce and Insurance			
Insurance Solvency and Company Regulation.	1073		

Register Filing Deadlines	Register Publication Date	Code Publication Date	Code Effective Date
August 3, 2026 August 17, 2026	September 1, 2026 September 15, 2026	September 30, 2026 September 30, 2026	October 30, 2026 October 30, 2026
September 1, 2026 September 15, 2026	October 1, 2026 October 15, 2026	October 31, 2026 October 31, 2026	November 30, 2026 November 30, 2026
October 1, 2026 October 15, 2026	November 2, 2026 November 16, 2026	November 30, 2026 November 30, 2026	December 30, 2026 December 30, 2026
November 2, 2026 November 16, 2026	December 1, 2026 December 15, 2026	December 31, 2026 December 31, 2026	January 30, 2027 January 30, 2027
December 1, 2026 December 15, 2026	January 4, 2027 January 15, 2027	January 29, 2027 January 29, 2027	February 28, 2027 February 28, 2027
January 4, 2027 January 15, 2027	February 1, 2027 February 16, 2027	February 28, 2027 February 28, 2027	March 30, 2027 March 30, 2027
February 1, 2027 February 16, 2027	March 1, 2027 March 15, 2027	March 31, 2027 March 31, 2027	April 30, 2027 April 30, 2027
March 1, 2027 March 15, 2027	April 1, 2027 April 15, 2027	April 30, 2027 April 30, 2027	May 30, 2027 May 30, 2027
April 1, 2027 April 15, 2027	May 3, 2027 May 17, 2027	May 31, 2027 May 31, 2027	June 30, 2027 June 30, 2027
May 3, 2027 May 17, 2027	June 1, 2027 June 15, 2027	June 30, 2027 June 30, 2027	July 30, 2027 July 30, 2027
June 1, 2027 June 15, 2027	July 1, 2027 July 15, 2027	July 31, 2027 July 31, 2027	August 30, 2027 August 30, 2027
July 1, 2027 July 15, 2027	August 2, 2027 August 16, 2027	August 31, 2027 August 31, 2027	September 30, 2027 September 30, 2027
August 2, 2027 August 16, 2027	September 1, 2027 September 15, 2027	September 30, 2027 September 30, 2027	October 30, 2027 October 30, 2027

Documents will be accepted for filing on all regular workdays from 8:00 a.m. until 5:00 p.m. We encourage early filings to facilitate the timely publication of the *Missouri Register*. Orders of Rulemaking appearing in the *Missouri Register* will be published in the *Code of State Regulations* and become effective as listed in the chart above. Advance notice of large volume filings will facilitate their timely publication. We reserve the right to change the schedule due to special circumstances. Please check the latest publication to verify that no changes have been made in this schedule. To review the entire year's schedule, please see the website at sos.mo.gov/adrules/pubsched.

HOW TO CITE RULES AND RSMO

RULES

The rules are codified in the *Code of State Regulations* in this system–

Title	CSR	Division	Chapter	Rule
3 Department	<i>Code of State Regulations</i>	10- Agency division	4 General area regulated	115 Specific area regulated

and should be cited in this manner: 3 CSR 10-4.115.

Each department of state government is assigned a title. Each agency or division in the department is assigned a division number. The agency then groups its rules into general subject matter areas called chapters and specific areas called rules. Within a rule, the first breakdown is called a section and is designated as (1). Subsection is (A) with further breakdown into paragraphs 1., subparagraphs A., parts (I), subparts (a), items I. and subitems a.

The rule is properly cited by using the full citation; for example, 3 CSR 10-4.115, NOT Rule 10-4.115.

Citations of RSMo are to the *Missouri Revised Statutes* as of the date indicated.

Code and Register on the Internet

The *Code of State Regulations* and *Missouri Register* are available on the Internet.

The *Code* address is sos.mo.gov/adrules/csr/csr

The *Register* address is sos.mo.gov/adrules/moreg/moreg

These websites contain rulemakings and regulations as they appear in the *Code* and *Registers*.

The Secretary of State shall publish all executive orders beginning January 1, 2003, pursuant to section 536.035.2, RSMo.

EXECUTIVE ORDER 26-16

WHEREAS, I have been advised by the State Emergency Management Agency that the ongoing and forecast severe storm systems have caused, or have the potential to cause, damages associated with tornadoes, straight line winds, large hail, heavy rains, flooding and flash flooding affecting communities throughout the State of Missouri; and

WHEREAS, interruptions of public services are occurring, or anticipated to occur, as a result of the severe weather event starting on July 9, 2026, and continuing; and

WHEREAS, the severe storm systems beginning on July 9, 2026, and continuing, have the potential to create a condition of distress and hazard to the safety, welfare, and property of the people of the State of Missouri beyond the capabilities of some local jurisdictions and other established agencies; and

WHEREAS, the State of Missouri will continue to be proactive where the health and safety of the people of Missouri are concerned; and

WHEREAS, the resources of the State of Missouri may be needed to assist affected jurisdictions and to help relieve the condition of distress and hazard to the safety and welfare of our fellow Missourians; and

WHEREAS, invoking the provisions of Sections 44.100 and 44.110, RSMo, is required to ensure the protection of the safety and welfare of the people of Missouri.

NOW, THEREFORE, I, MIKE KEHOE, GOVERNOR OF THE STATE OF MISSOURI, by virtue of the authority vested in me by the Constitution and the laws of the State of Missouri, including sections 44.100 and 44.110, RSMo, do hereby declare that a State of Emergency exists in the State of Missouri and direct the Missouri State Emergency Operations Plan be activated.

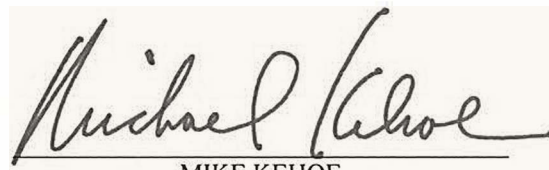
I further authorize and direct state agencies to provide assistance as needed.

This Order shall terminate on August 10, 2026, unless extended in whole or in part.



ATTEST:

IN WITNESS WHEREOF, I have hereunto set my hand and caused to be affixed the Great Seal of the State of Missouri, in the City of Jefferson, on this 10th day of July, 2026.


MIKE KEHOE
GOVERNOR


DENNY HOSKINS
SECRETARY OF STATE

The text of proposed rules and changes will appear under this heading. A notice of proposed rulemaking is required to contain an explanation of any new rule or any change in an existing rule and the reasons therefor. This explanation is set out in the PURPOSE section of each rule. A citation of the legal authority to make rules is also required, and appears following the text of the rule, after the word "Authority."

Entirely new rules are printed without any special symbology under the heading of proposed rule. If an existing rule is to be amended or rescinded, it will have a heading of proposed amendment or proposed rescission. Rules that are proposed to be amended will have new matter printed in boldface type and matter to be deleted placed in brackets.

An important function of the *Missouri Register* is to solicit and encourage public participation in the rulemaking process. The law provides that for every proposed rule, amendment, or rescission there must be a notice that anyone may comment on the proposed action. This comment may take different forms.

If an agency is required by statute to hold a public hearing before making any new rules, then a Notice of Public Hearing will appear following the text of the rule. Hearing dates must be at least thirty (30) days after publication of the notice in the *Missouri Register*. If no hearing is planned or required, the agency must give a Notice to Submit Comments. This allows anyone to file statements in support of or in opposition to the proposed action with the agency within a specified time, no less than thirty (30) days after publication of the notice in the *Missouri Register*.

An agency may hold a public hearing on a rule even though not required by law to hold one. If an agency allows comments to be received following the hearing date, the close-of-comments date will be used as the beginning day in the ninety- (90-) day count necessary for the filing of the order of rulemaking.

If an agency decides to hold a public hearing after planning not to, it must withdraw the earlier notice, file a new notice of proposed rulemaking, and schedule a hearing for a date not less than thirty (30) days from the date of publication of the new notice.

Proposed Amendment Text Reminder:

Boldface text indicates new matter.

[Bracketed text indicates matter being deleted.]

TITLE 10 – DEPARTMENT OF NATURAL RESOURCES Division 80 – Solid Waste Management Chapter 2 – General Provisions

PROPOSED RESCISSION

10 CSR 80-2.010 Definitions. This rule provided the definitions for terms in 10 CSR 80.

PURPOSE: This rule is being rescinded as the formatting needs updating.

*AUTHORITY: sections 260.200, RSMo Supp. 2005, and 260.225, RSMo 2000. Original rule filed Dec. 11, 1973, effective Dec. 21, 1973. For intervening history, please consult the **Code of State Regulations**. Rescinded: Filed July 7, 2026.*

PUBLIC COST: This proposed rescission will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in

the aggregate.

PRIVATE COST: This proposed rescission will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE OF PUBLIC HEARING AND NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed rescission with the Missouri Department of Natural Resources, PO Box 176, Jefferson City, MO 65102-0176. To be considered, comments must be received by September 29, 2026. A public hearing is scheduled for 10 a.m., September 22, 2026, at Bennett Springs Conference Room, 1730 East Elm St., Jefferson City, MO 65101.

TITLE 10 – DEPARTMENT OF NATURAL RESOURCES Division 80 – Solid Waste Management Chapter 2 – General Provisions

PROPOSED RULE

10 CSR 80-2.010 Definitions

PURPOSE: This rule defines terms used in 10 CSR 80.

(1) The terms used in 10 CSR 80 shall have the meanings set forth in section 260.200, RSMo, or this rule, unless the context of the term clearly indicates otherwise. The terms defined in section 260.200, RSMo, are not repeated in this rule. Section 260.200, RSMo, should be referenced for additional definition of terms.

(A) Terms beginning with the letter A.

1. Active landfill means any landfill that is currently receiving waste.

2. Airport means a public-use airport open to the public without prior permission and without restrictions within the physical capacities of available facilities.

3. Aquifer means a consolidated or unconsolidated subsurface water-bearing geologic formation, group of formations, or part of a formation, or other geologic deposits, capable of yielding a usable or potentially usable amount of water.

4. Areas susceptible to mass movement means those areas of influence (for example, areas characterized as having an active or substantial possibility of mass movement) where the movement of earth material results in the downslope transport of soil and rock material by means of gravitational influence. Areas of mass movement include, but are not limited to, landslides, avalanches, debris slides and flows, solifluction, block sliding, and rock fall.

(B) Terms beginning with the letter B.

1. Bedrock means the solid rock strata underlying solid and unconsolidated surface materials.

2. Beneficial use means the use of solid waste that provides a functional benefit and is not a circumvention of the proper management and disposal of the waste material; substitutes for the use of or meets the product specifications of a virgin material, conserving natural resources that otherwise would need to be obtained through practices such as extraction; and meets relevant product specifications, regulatory standards, or design standards, when available.

3. Bird hazard means an increase in the likelihood of bird/ aircraft collisions that may cause damage to the aircraft or injury to its occupants.

(C) Terms beginning with the letter C.

1. Cell means compacted solid waste that is enclosed on all sides by natural soil or cover in a landfill.

2. Closed landfill means a landfill that has ceased accepting waste, has completed all required closure activities, and has received written designation of closure from the department.

3. Commercial waste means any type of solid waste generated by a business, including but not limited to stores, offices, restaurants, warehouses, or other nonmanufacturing activities but excluding residential (household) or industrial wastes.

4. Commingled recyclables means more than one (1) type of source-separated recyclable material that has been placed in a single container for collection.

5. Competent bedrock means solid rock that underlies unconsolidated deposits (including residuum) and displays limited evidence of weathering throughout the rock mass.

6. Compliance monitoring wells means wells installed and sampled to obtain groundwater or methane gas samples for analysis on a regular basis and compare with regulatory standards or prior monitoring results to determine impacts from the landfill.

7. Compost means the product manufactured through the controlled aerobic, biological decomposition of biodegradable waste materials. The product has undergone mesophilic and thermophilic temperatures, which significantly reduces the viability of pathogens and weed seeds, and stabilizes the carbon such that it is beneficial to plant growth. Compost typically is used as a soil amendment, but may also contribute plant nutrients.

8. Compost facility means an operation that processes source-separated or co-mingled biodegradable waste materials using a controlled process of microbial degradation to generate a compost product.

9. Confining unit means a hydrostratigraphic unit of low permeability material above or below one (1) or more aquifers.

10. Corrective action means a measure taken to resolve or remediate violations of the Solid Waste Management Law and regulations and any damage caused by such violations.

11. Cover means soil or other suitable material that is approved by the department to be placed over compacted solid waste in a solid waste disposal area.

(D) Terms beginning with the letter D.

1. Detailed site investigation means the process of conducting a detailed surface and subsurface geologic and hydrologic investigation for a proposed landfill.

2. Detailed site investigation report means a written report that is submitted to the department concerning the results of a detailed surface and subsurface geologic and hydrologic investigation for a proposed landfill.

3. Detailed site investigation workplan means a plan for conducting a detailed surface and subsurface geologic and hydrologic investigation for a proposed landfill.

4. Displacement means the relative movement of any two (2) sides of a fault measured in any direction.

(E) Terms beginning with the letter E.

1. (Reserved)

(F) Terms beginning with the letter F.

1. Fault means a fracture or a zone of fractures in any material along which strata on one side have been displaced with respect to that on the other side.

2. Floodplain means the low land and relatively flat areas adjoining inland waters that are inundated by the one-hundred- (100-) year flood.

(G) Terms beginning with the letter G.

1. Gas condensate means the liquid generated as a result of gas recovery process(es) at a landfill.

2. Geologic structure means the post-depositional deformation of bedrock and surficial materials resulting from

physical stresses, (e.g., faults, folds).

3. Groundwater means water in the saturated zone beneath the land surface.

4. Groundwater monitoring plan means a document describing the strategy to effectively monitor groundwater.

5. Groundwater monitoring program means an effective program designed and implemented to ensure detections of groundwater impacts.

(H) Terms beginning with the letter H.

1. Hazardous waste means any waste or combination of wastes, as determined by the Hazardous Waste Management Commission by regulation that, because of quantity, concentration, or physical or chemical characteristics, may cause or significantly contribute to an increase in mortality or an increase in serious irreversible or incapacitating reversible illnesses, or pose a present or potential threat to the health of humans or the environment.

2. Holocene means the most recent epoch of the Quaternary Period, extending from the end of the Pleistocene Epoch to the present.

3. Horizontal expansion means a lateral expansion of a landfill beyond the approved current disposal area limits through issuance of a new permit by the department.

4. Household waste means any solid waste, including garbage, trash, and sanitary waste in septic tanks, generated from daily activities derived within a household, including single and multiple residences, hotels and motels, bunkhouses, ranger stations, crew quarters, campgrounds, picnic grounds, and day-use recreation areas. Household waste does not include furniture, mattresses, major appliances, carpet, or construction and demolition waste.

5. Hydrostratigraphic unit means a geologic stratum or group of strata that exhibit similar characteristics with respect to transmission of fluids or gases.

6. Hydraulic conductivity means the rate at which fluid can move through a permeable medium.

(I) Terms beginning with the letter I.

1. Inactive landfill means a landfill that has ceased accepting waste, but has not completed all required closure activities and has not received written designation of closure from the department.

2. Inactive permitted solid waste processing facility means a processing facility that is not currently receiving waste.

3. Incinerator means a permitted solid waste processing facility that accepts waste for processing and treatment that reduces weight or volume of solid waste by combustion.

4. Incinerator residue means all wastes that remain after combustion.

5. Industrial solid waste means solid waste generated by manufacturing or industrial processes that is not a hazardous waste regulated under Subtitle C of the Resource Conservation and Recovery Act (RCRA). Such waste may include, but is not limited to, waste resulting from electrical power generation, fertilizer/agricultural chemicals, food and related products/by-products, inorganic chemicals, iron and steel manufacturing, leather and leather products, nonferrous metals manufacturing/foundries, organic chemicals, plastics and resins manufacturing, pulp and paper industry, rubber and miscellaneous plastic products, stone, glass, clay, and concrete products, textile manufacturing, transportation equipment, and water treatment. This term does not include waste generated from mining or production of oil or gas.

6. Infectious waste processing facility means a solid waste processing facility that is permitted by the department for the transfer, treatment, or other processing of infectious waste. Treatment may include chemical sterilization, steam

sterilization, ozone treatment, incineration, or other methods approved by the department.

(J) Terms beginning with the letter J.

1. (*Reserved*)

(K) Terms beginning with the letter K.

1. Karst terranes means areas where karst, with its characteristic surface and subsurface features, is developed as the result of dissolution of limestone, dolomite, or other soluble rock. Characteristic physiographic features present in karst terranes include, but are not limited to, sinkholes, losing streams, caves, solution channels or conduits, springs, and solution valleys.

(L) Terms beginning with the letter L.

1. Land surveyor means a land surveyor licensed to practice by the Missouri Board for Architects, Professional Engineers, Professional Land Surveyors, and Professional Landscape Architects.

2. Landfill means a solid waste disposal area permitted by the department to accept solid waste.

3. Landfill decomposition gas means the byproduct from the decomposition of organic material in landfills and is composed of approximately fifty percent (50%) methane, fifty percent (50%) carbon dioxide, and trace amounts of non-methane organic compounds.

4. Leachate means liquid that has passed through or emerged from solid waste and contains soluble, suspended, or miscible materials removed from the waste.

5. Leachate collection system means any combination of landfill base slopes, liners, permeable zones, pipes, sumps, pumps or retention structures that is designed, constructed and maintained to manage and monitor leachate generation in a landfill and collect and remove leachate as necessary to reduce leachate depth.

6. Liner means a continuous layer(s) of soil, man-made materials, or both, beneath and on the sides of a landfill, that controls and minimizes the downward or lateral escape of solid waste, solid waste constituents, or leachate.

7. Liquid waste means any waste material that is determined to contain free liquids as defined by Method 9095 (Paint Filter Liquids Test), as described in Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods (EPA Pub. No. SW-846), which is incorporated in 10 CSR 80-3.010 through Methods Innovation Rule (MIR) (2005).

8. Lithified earth material means all rock, including all naturally occurring and naturally formed aggregates or masses of minerals or small particles of older rock that formed by crystallization of magma or by induration of loose sediments. This term does not include man-made materials, such as fill, concrete and asphalt or unconsolidated earth materials, and soil or regolith lying at or near the earth surface.

(M) Terms beginning with the letter M.

1. Major structure means structures designed for sustained occupancy.

2. Material recovery facility means a type of resource recovery facility in which solid waste is received, and recyclable and recoverable materials are separated from the waste stream to the greatest extent possible, as determined by the department and pursuant to department standards. The resulting separated recycled or recoverable materials are then prepared or transported for remanufacture or beneficial reuse by the facility.

3. Maximum horizontal acceleration in lithified earth material means the maximum expected horizontal acceleration depicted on a seismic hazard map, with a ninety percent (90%) or greater probability that the acceleration will not be exceeded in two hundred fifty (250) years, or the

maximum expected horizontal acceleration based on a site-specific seismic risk assessment.

4. Municipal solid waste means household waste and commercial, agricultural, governmental, industrial, and institutional wastes that have chemical and physical characteristics similar to those of household waste.

(N) Terms beginning with the letter N.

1. New landfill means any landfill that has not received waste prior to the effective date of this rule.

(O) Terms beginning with the letter O.

1. Official closure means that a landfill has ceased taking waste, completed all required closure activities, and received written notice of official closure from the department.

2. On-site means the same or geographically contiguous property that may be divided by public or private right-of-way, provided the entrance and exit between the properties is at a crossroads intersection and access is by crossing, as opposed to going along, the right-of-way. Noncontiguous properties owned by the same person but connected by a right-of-way that they control and to which the public does not have access is also considered on-site property.

3. One-hundred- (100-) year flood means a flood that has a one percent (1%) or greater chance of recurring in any given year or a flood of a magnitude equaled or exceeded once in one hundred (100) years on the average over a significantly long period.

4. Open burning means the combustion of solid waste without—

A. Control of combustion air to maintain adequate temperature for efficient combustion;

B. Containment of the combustion reaction in an enclosed device to provide sufficient residence time and mixing for complete combustion; and

C. Control of the emission of the combustion products.

5. Open dump means an unpermitted solid waste disposal area at which solid wastes are disposed of in a manner contrary to statute and regulations that does not protect the environment, is susceptible to open burning and is exposed to the elements, vectors, and scavengers.

6. Owner means any person holding a freehold interest in the land upon which the solid waste disposal area or solid waste processing facility is located.

7. Owner/operator means owner and/or operator.

(P) Terms beginning with the letter P.

1. Permeable geologic media means soil or lithified earth material that has a hydraulic conductivity of greater than 1.0×10^{-6} centimeters per second, as determined by in situ aquifer tests, packer tests, or other methods approved by the department.

2. Permit (permitted) boundary means the outermost limit of the area described by legal description of the landfill and support infrastructure or the solid waste processing facility approved by the department.

3. Phase means a distinct area of a landfill, identifiable both in the plans and in the field by natural boundaries or permanent survey markers. A phase must include provisions for constructing and operating leachate collection systems, liners, gas collection systems, and any other landfill structures independent of any other phase.

4. Phased development means the division of the construction and operations of a landfill permit into two (2) or more distinct phases in order to facilitate more orderly construction, operation, closure or post-closure care, or both, of the landfill, with each phase being distinctly identifiable both in the plans and in the field by natural boundaries or permanent survey markers, or both.

5. Piezometer means a well that is used to measure groundwater elevation or depth.

6. Plans means reports and drawings, including a narrative operating description, prepared to describe the permitted landfill or solid waste processing facility design, its proposed operation, corrective actions if needed, and closure and post-closure care.

7. Poor foundation conditions means those areas where features exist that indicate that a natural or man-induced event may result in inadequate foundation support for the structural components of a landfill.

8. Post-closure care means all maintenance and monitoring performed at a landfill after it is designated as officially closed by the department. The activities are performed to prevent or minimize existing or potential health hazards, public nuisance, or environmental pollution and conducted in accordance with the terms of the permit, the Solid Waste Management Law, and regulations.

9. Potable groundwater means groundwater that is safe for human consumption in that it is free from impurities in amounts sufficient to cause disease or harmful physiological effects and has less than ten thousand (10,000) parts per million total dissolved solids.

10. Preliminary site investigation means an investigation conducted by the department to determine the geohydrologic suitability for further exploration at a proposed landfill.

11. Professional engineer means a professional engineer licensed to practice by the Missouri Board for Architects, Professional Engineers, Professional Land Surveyors, and Professional Landscape Architects.

(Q) Terms beginning with the letter Q.

1. Qualified groundwater scientist means a registered geologist or licensed professional engineer who has received a baccalaureate or post-graduate degree in the natural sciences or engineering and has sufficient training and experience in groundwater hydrology and related fields as may be demonstrated by state registration, professional certifications, or completion of accredited university programs that enable that individual to make sound professional judgments regarding groundwater monitoring, contaminant fate and transport, and corrective action.

2. Qualified professional means a soil scientist, nuclear gauge field technician, geomembrane installation technician, engineer, or licensed professional engineer who has received sufficient training and experience in overseeing landfill construction activities as may be demonstrated by state registration, professional certifications, or completion of accredited university programs that enable that individual to make sound professional judgments regarding the appropriate construction quality assurance activity.

(R) Terms beginning with the letter R.

1. Rapid migration means the movement of fluids at rates in excess of ten feet (10') per year as determined by tracer tests, age dating, in situ aquifer testing, packer tests, or other methods as approved by the department.

2. Recycling center means any collection (not manufacturing) facility or system that accepts source-separated recyclable or commingled recyclable materials for processing and resale to markets for resource recovery, including but not limited to aluminum cans and scraps, tin, copper, glass, paper products, plastics, bi-metal and steel containers, and ferrous and nonferrous metals.

3. Residential (household) activities means activities conducted during the routine, day-to-day operation of a residence and not occasional projects such as remodeling, demolition, or waste generated from home business activities.

4. Residential waste – see definition of household waste.

5. Run-off means rainwater, leachate, or any other liquid that drains over the surface of the ground from any part of a permitted landfill or solid waste processing facility.

6. Run-on means rainwater, leachate, or any other liquid that drains over the surface of the ground onto any part of a permitted landfill or solid waste processing facility.

(S) Terms beginning with the letter S.

1. Salvaging means the controlled removal of solid waste materials from a permitted landfill or solid waste processing facility.

2. Scavenging means uncontrolled or unauthorized removal of solid waste from a permitted landfill or solid waste processing facility.

3. Seismic impact zone means an area with a ten percent (10%) or greater probability that the maximum horizontal acceleration in lithified earth material, expressed as a percentage of the earth's gravitational pull (g), will exceed 0.10g in two hundred fifty (250) years.

4. Site means any area proposed for construction of a solid waste disposal area or solid waste processing facility or any area that is an existing solid waste disposal area or processing facility.

5. Sludge means the accumulated semi-solid suspension of settled solids deposited from wastewaters or other fluids in tanks or basins.

6. Soil means sediments or other unconsolidated accumulations of solid particles produced by the physical and chemical disintegration of rocks and which may contain organic matter.

7. Solid waste management plan means a set of documents legally adopted by a state recognized governing body of a local or regional solid waste management program to administer the solid waste management system(s) for a minimum of ten (10) years.

8. Solid waste processing means one (1) or any combination of the following processes applied in the management of solid waste: salvaging, material recovery, consolidation, sorting, incineration, composting, shredding, or other size reduction, baling, transfer, or treatment of solid waste.

9. Source reduction means practices that avoid, eliminate, or minimize the generation of solid waste.

10. Source-separated recyclable material means a waste material that has not been commingled with other solid waste but has been kept separate at the point of generation and for which a market exists.

11. Special waste means waste that is not regulated hazardous waste, but has physical or chemical characteristics, or both, that are different from municipal, demolition, construction, or wood wastes, that potentially require special handling.

12. Special waste landfill means a solid waste disposal area permitted by the department specifically for the disposal of one (1) or more special waste(s).

13. Structural components means liners, leachate collection systems, final covers, run-on/run-off systems, and any other component used in the construction and operation of a landfill that is necessary for protection of human health and the environment.

(T) Terms beginning with the letter T.

1. Trade waste means any waste generated as a result of business activities, including but not limited to commercial waste or industrial waste.

2. Transfer station means a fixed or mobile intermediate solid waste processing facility where waste is transferred, with or without reduction of volume, from a vehicle, trailer, storage

vessel, or other waste container used for temporary storage or confinement of waste to another vehicle, trailer, storage vessel, or waste container. A transfer station may also process waste by consolidating waste materials from multiple waste collection vehicles, trailers, vessels, or containers onto the floor of the facility or directly transferring waste from a waste collection vehicle, trailer, vessel, or container to another waste collection vehicle, trailer, vessel, or container for further transport to a permitted solid waste processing facility or disposal area for final disposal.

3. Truck-to-truck transfer means the act of transferring solid waste from one (1) solid waste collection vehicle into another collection vehicle for consolidation, allowing no waste to come into contact with the ground. This activity requires a solid waste processing facility permit or permit exemption from the department.

(U) Terms beginning with the letter U.

1. Unstable area means a location that is susceptible to natural or human-induced events or forces capable of impairing the integrity of some or all of the landfill's structural components responsible for preventing releases from a landfill. Unstable areas can include poor foundation conditions, areas susceptible to mass movements, and karst terranes.

2. Uppermost aquifer means the geologic formation nearest the natural ground surface that is an aquifer, as well as lower aquifers that are hydraulically interconnected with this aquifer within the property boundary. Upper limit is measured at a point nearest to the natural ground surface to which the aquifer rises during the seasonal high groundwater table.

3. Uppermost regional aquifer means the hydrostratigraphic unit closest to the ground surface capable of consistently yielding at least three hundred sixty (360) gallons per day of potable water to a well and is commonly used for private or public drinking water supply.

4. Utility waste means fly ash waste, bottom ash waste, slag waste, and flue gas emission control waste generated primarily from the combustion of coal or other fossil fuels.

(V) Terms beginning with the letter V.

1. Vector means a carrier including, but not limited to, an arthropod, bird, or rodent capable of transmitting a pathogen from one organism to another.

2. Vegetation means plant materials that have been specified in the closure/post-closure plans and cultivated specifically for cover on the landfill and borrow area(s).

3. Vertical expansion means an expansion of a landfill vertically above and below the approved current disposal area limits through issuance of a permit modification by the department.

(W) Terms beginning with the letter W.

1. Washout means the carrying away of solid waste by waters of the one-hundred- (100-) year flood.

2. Waters of the state – see section 644.016, RSMo.

3. Water table means the upper surface of a zone of saturation where the fluid pressure of the body of groundwater is equal to atmospheric pressure.

4. Well – see section 256.603, RSMo.

5. Wetlands means those areas that are inundated or saturated by surface water or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands include, but are not limited to, swamps, marshes, bogs, and similar areas.

6. Working face means that portion of the landfill where solid wastes are discharged, spread, and compacted prior to the placement of cover.

(X) Terms beginning with the letter X.

1. (Reserved)

(Y) Terms beginning with the letter Y.

1. (Reserved)

(Z) Terms beginning with the letter Z.

1. (Reserved)

(2) All other words used in this chapter have their usual customary and accepted meaning, and all words of a technical nature, or specific to the solid waste industry, will be given that meaning which is generally accepted in the solid waste industry.

AUTHORITY: section[s 260.205 and] 260.225, RSMo [2000] 2016, and section 260.205, RSMo Supp. 2025. Original rule filed Oct. 10, 1996, effective July 30, 1997. Amended: Filed June 30, 2006, effective Feb. 28, 2007. Rescinded and readopted: Filed July 7, 2026.

PUBLIC COST: This proposed rule will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed rule will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE OF PUBLIC HEARING AND NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed rule with the Missouri Department of Natural Resources PO Box 176, Jefferson City, MO 65102-0176. To be considered, comments must be received by September 29, 2026. A public hearing is scheduled for 10 a.m., September 22, 2026, at Bennett Springs Conference Room, 1730 East Elm St., Jefferson City, MO 65101.

TITLE 10 – DEPARTMENT OF NATURAL RESOURCES

Division 80 – Solid Waste Management

Chapter 3 – Solid Waste Disposal Areas-Sanitary, Demolition, and Special Waste Landfills

PROPOSED RESCISSION

10 CSR 80-3.010 Design and Operation. This rule provided design and operation standards for solid waste disposal areas.

PURPOSE: This rule is being rescinded as the formatting needs updating.

AUTHORITY: section 260.225, RSMo 2016. Original rule filed Dec. 11, 1973, effective Dec. 21, 1973. For intervening history, please consult the **Code of State Regulations**. Rescinded: Filed July 7, 2026.

PUBLIC COST: This proposed rescission will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed rescission will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE OF PUBLIC HEARING AND NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed rescission with the Missouri Department of Natural Resources, PO Box 176, Jefferson City, MO 65102-0176. To be considered, comments must be received by

September 29, 2026. A public hearing is scheduled for 10 a.m., September 22, 2026, at Bennett Springs Conference Room, 1730 East Elm St., Jefferson City, MO 65101.

TITLE 10 – DEPARTMENT OF NATURAL RESOURCES
Division 80 – Solid Waste Management
Chapter 3 – Solid Waste Disposal Areas-
Sanitary, Demolition, and Special Waste Landfills

PROPOSED RULE

10 CSR 80-3.010 Design and Operation

PURPOSE: This rule pertains to the design, construction, operation, and maintenance of permitted sanitary, demolition, and special waste landfills.

PUBLISHER'S NOTE: The secretary of state has determined that the publication of the entire text of the material which is incorporated by reference as a portion of this rule would be unduly cumbersome or expensive. This material as incorporated by reference in this rule shall be maintained by the agency at its headquarters and shall be made available to the public for inspection and copying at no more than the actual cost of reproduction. This note applies only to the reference material. This rule incorporates American Society for Testing and Materials (ASTM) International standards, and the Environmental Protection Agency (EPA) standards by reference and sets forth additional state standards. The entire text of the rule is printed here.

(1) General Provisions.

(A) This rule is intended to provide for sanitary, demolition, and special waste landfills that will have minimal impact on the environment. The rule sets forth requirements and the method of satisfactory compliance to ensure that the design, construction, operation, and maintenance of these landfills will protect human health and meet applicable environmental standards. If techniques other than those listed are used, it is the obligation of the landfill owner/operator to demonstrate to the department in advance that the techniques to be employed will satisfy the requirements. Procedures for the techniques shall be submitted to the department in writing and approved by the department in writing prior to being employed. Notwithstanding any other provision of these rules, when it is found necessary, the department may require a change by permit modification or amendment in design, operation, or maintenance of any active, inactive, or closed landfill to protect human health and the environment.

(B) The applicability of sections within this rule is dependent upon the date of permit issuance, the landfill type (sanitary or demolition), the landfill's operational status (active, inactive, or closed), and the date each landfill ceased or ceases accepting waste. The applicability of requirements for special waste landfills is described in section (22) of this rule. The applicability for each requirement is described in each section; therefore, the landfill owner/operator shall review each section to determine regulatory applicability. Each active sanitary, demolition, or special waste landfill owner/operator shall submit to the department evidence of compliance with 10 CSR 80-3.010 within ninety (90) days of the effective date of this rule. Extensions to this deadline may be granted by the department on a case-by-case basis with appropriate demonstration.

(C) Construction and operation of landfills shall be conducted in accordance with the engineering plans and specifications approved by the department.

(D) The standards set forth in ASTM D1140-17 2017, ASTM D2487-17 2018, ASTM D4318-17 2017, ASTM D5084-16a 2016, ASTM D6391-11 (Reapproved 2020) 2020, ASTM D6913/D6913M-17 2017, and ASTM D7928-21 2021, as published by ASTM International, West Conshohocken, PA 19428, are incorporated by reference. The standards set forth in the Methods Innovation Rule (MIR), 2005, and Statistical Analysis of Groundwater Monitoring Data at Resource Conservation Recovery Act (RCRA) Facilities, 2009, as published by the EPA, Washington, D. C. 20004 are incorporated by reference. This rule does not incorporate any subsequent amendments or additions of these publications.

(2) Solid Wastes Accepted and Excluded.

(A) Accepted Wastes. To determine whether a waste may be accepted for disposal, the sanitary or demolition landfill owner/operator shall consider the landfill design, material, and chemical properties of the landfill liner and environmental control systems, the quantity of the waste, the physical and chemical characteristics of the waste, the equipment and operational procedures to be utilized, the safety of the landfill personnel and the general public using the landfill, and the protection of human health and the environment.

1. The sanitary or demolition landfill's design and operations plan submitted to the department for approval shall specify the following:

A. The types of waste to be accepted for disposal;

B. The handling and disposal procedures for each general type of waste, including any special wastes; and

C. The procedures for random inspections of waste prior to disposal at the sanitary or demolition landfill, pursuant to paragraph (2)(B)3. of this rule.

2. Bulky and other waste accepted at any landfill that has the potential to puncture the composite liner shall be excluded from the first ten feet (10') of waste placed above the composite liner.

3. Bulk liquids shall only be accepted at a sanitary landfill for disposal if management procedures to prevent operational problems are described in the approved operations plan and pursuant to the following conditions:

A. The liquid waste is household waste other than septic waste;

B. The liquid waste is leachate or gas condensate, is placed in a landfill cell designed with a composite liner and leachate collection system as described in this rule, and the landfill has departmental approval to recirculate leachate or gas condensate;

C. The liquid waste is solidified prior to disposal unless otherwise approved by the department. This requirement also applies to large containers of liquid(s) or large quantities of small containers of liquid; and

D. The liquid waste is disposed of in a cell(s) of a sanitary landfill that has been approved for operation as a bioreactor.

4. The following radioactive or hazardous wastes may be accepted at a sanitary landfill under the specific conditions described below. All other radioactive or hazardous wastes shall be excluded from disposal pursuant to subsection (2)(B) of this rule:

A. Radioactive material used in or resulting from medical processes or liquid radioactive material may be accepted if the material has a half-life of less than thirty (30) days;

B. Naturally Occurring Radioactive Material (NORM) may be accepted with prior written approval from the department;

C. Accelerator-produced radioisotopes with a half-life of

less than thirty (30) days may be accepted;

D. Smoke detectors, electron tubes, luminous wristwatches and clocks, luminous lock illuminators, luminous automobile shift quadrants, luminous marine compasses, and luminous thermostat dials and pointers in quantities less than ten (10) items from any single source may be accepted; and

E. Household hazardous waste generated daily by individuals in the routine operation of their households.

5. Special wastes may be accepted at a sanitary landfill in accordance with the landfill's approved design and operations plan, the following procedures, and any additional procedures determined by the department to be necessary to protect human health and the environment:

A. The waste generator shall –

(I) Complete a Special Waste Disposal Request on the form provided by the department or equivalent and maintain the forms in accordance with subparagraph (20)(A)3.G. of this rule;

(II) Provide to the landfill all necessary information to describe the source and physical and chemical characteristics of the special waste, including laboratory test results on representative samples taken prior to accepting the material for disposal; and

(III) Sign the Special Waste Disposal Request prior to submittal to the landfill;

B. The sanitary landfill owner/operator shall –

(I) Sign the Special Waste Disposal Request form upon acceptance of the waste for disposal;

(II) Inspect each load of special waste before disposal at the landfill. The inspection shall be in a manner that ensures excluded and unapproved wastes are not disposed of at the landfill;

(III) To the extent practical, manage any special waste in a manner that minimizes the disruption of normal landfill operations; and

(IV) Ensure that each special waste is segregated from other waste with which it could be chemically incompatible;

C. If the sanitary landfill owner/operator anticipates accepting more than one (1) load of a specific type of special waste from the same source in a short period of time, or the waste will be accepted from the same source on a routine, ongoing basis, only one (1) Special Waste Disposal Request form is required. However, if laboratory test results of the waste initially were required to obtain approval for waste acceptance, the landfill owner/operator shall obtain yearly confirmation with current test results or other current documentation confirming that the contaminant level(s) of concern have not increased or new contaminants of concern have not emerged. Should the test results or the waste generation process change, a new Special Waste Disposal Request form shall be completed and kept on file;

D. Special waste that requires handling procedures significantly different from typical municipal solid waste shall be managed in accordance with the sanitary landfill operations plan and any special procedures established by the landfill operator during the special waste approval process; and

E. Waste generated from the cleanup of a former manufactured gas plant (FMGP) site is considered a special waste. Prior to accepting FMGP waste for disposal, the sanitary landfill owner/operator shall have representative samples of the waste tested using the SW-846 test method 1311 toxicity characteristic leaching procedure, Waste Management System: Testing and Monitoring Activities: Final Rule: (MIR) 2005. The waste shall not be accepted for disposal unless the concentrations of the following contaminants are below the

regulatory levels listed in 40 Code of Federal Regulations (CFR) section 261.24(b), Table 1:

(I) All metals listed in Table 1, with the exception of barium;

(II) Cresol, o-cresol, m-cresol, and p-cresol; and

(III) Benzene.

6. For a demolition landfill, the landfill owner/operator shall prominently display a sign at the entrance of the landfill that lists the wastes that are approved for acceptance, in accordance with this rule and the landfill's approved operations plan.

(B) Excluded Wastes.

1. The following wastes shall be excluded from disposal at a landfill: regulated quantities of hazardous waste, explosives, regulated quantities of polychlorinated biphenyls (PCBs), highly flammable or volatile substances, septic tank pumpings, major appliances as defined in 260.200, RSMo, waste oil, lead-acid batteries, any regulated asbestos-containing material (RACM) that has been improperly transported to the site, such as RACM delivered to the landfill in improper packaging or containers, without proper shipment records, or RACM that has otherwise been transported in violation of the 40 CFR Part 61, Subpart M, National Emission Standards for Hazardous Air Pollutants for Asbestos (2025), scrap tires pursuant to 10 CSR 80-8.020, yard waste (if the landfill cell is not permitted as a bioreactor), infectious waste pursuant to 10 CSR 80-7.010, and bulk liquids, except as described in paragraph (2)(A)3. of this rule.

2. The following radioactive materials shall be excluded from disposal at landfills:

A. The tailings or wastes produced by the extraction or concentration of uranium or thorium from any ore processed primarily for its source material content as that term is defined in the Atomic Energy Act of 1954, 42 U.S.C. section 2014;

B. Any radioactively contaminated material used in or resulting from the cleanup of radioactively contaminated sites;

C. Any byproduct, source, or special nuclear material regulated by the Atomic Energy Act of 1954;

D. "Low-level radioactive waste" as defined in section 260.700, RSMo, is radioactive waste that is not classified as high-level radioactive waste and that is class A, B, or C low-level radioactive waste as defined in 10 CFR section 61.55, as that section existed on January 26, 1983. "Low-level radioactive waste" or "waste" does not include any such radioactive waste that is owned or generated by the United States Department of Energy and by the United States Navy as a result of the decommissioning of its vessels, or as a result of any research, development, testing, or production of any atomic weapon; and

E. Any greater-than-class-C radioactive waste.

3. Any wastes not specifically listed in a proposed permit or a modification to a sanitary or demolition landfill permit and approved by the department shall be excluded from disposal. The landfill owner/operator shall describe the procedures for screening and removing excluded wastes in the operations plan, including but not limited to –

A. At a minimum, random inspections of incoming waste loads unless the owner/operator takes other steps to ensure that incoming solid wastes do not contain wastes excluded from disposal at the landfill;

B. Records of any load inspections; and

C. Procedures that will be implemented to train appropriate landfill personnel in the identification and proper handling of radioactive materials, regulated hazardous waste, infectious waste, asbestos-containing material, and other

waste prohibited from disposal.

4. The landfill owner/operator shall screen and inspect loads of incoming waste pursuant to the approved operations plan and notify the department immediately upon receiving any of the following types of excluded waste at the landfill:

- A. Regulated hazardous waste;
- B. Radioactive materials;
- C. Regulated quantities of PCBs;
- D. Explosives;
- E. Highly flammable or volatile substances;

F. Any RACM that has been improperly transported to the site, such as RACM delivered to the landfill in improper packaging or containers, without proper shipment records, or RACM that has otherwise been transported in violation of the 40 CFR Part 61, Subpart M, National Emission Standards for Hazardous Air Pollutants for Asbestos (2025); or

- G. Infectious waste.

5. For an active sanitary landfill, the landfill owner/operator shall prominently display a sign at the site entrance stating the following about excluded wastes: "Regulated hazardous waste, radioactive materials, regulated quantities of polychlorinated-biphenyls (PCBs), regulated asbestos-containing material (RACM), bulk liquids, highly flammable or volatile substances, septic tank pumpings, major appliances, waste oil, lead-acid batteries, whole scrap tires, yard waste, explosives, and regulated infectious waste are excluded from disposal."

(3) Site Selection.

(A) Prior to submitting an application for a construction permit for a new sanitary or demolition landfill or a horizontal expansion of a sanitary or demolition landfill, the owner/operator shall perform an evaluation of the proposed site and surrounding area, and a study of the geologic and hydrologic conditions at that site location in accordance with 10 CSR 80-2.015. Any application for a landfill construction permit received on or after the effective date of this rule shall document compliance with all applicable siting restriction requirements pursuant to paragraphs (3)(B)1. through 7. of this rule for sanitary landfills and paragraphs (3)(B)2. through 7. of this rule for demolition landfills.

(B) Location Restrictions.

1. Airport safety.

A. The owner/operator of a sanitary landfill that is located within ten thousand feet (10,000') of any airport runway used by turbojet aircraft or within five thousand feet (5,000') of any airport runway used by only piston-type aircraft shall demonstrate to the department that the sanitary landfill is designed and operated so that the landfill does not create or pose a bird hazard to aircraft.

B. The owner/operator proposing to site a new sanitary landfill or horizontal expansion of a sanitary landfill within a five- (5-) mile radius of any airport runway used by turbojet aircraft or piston-type aircraft shall notify the affected airport and the Federal Aviation Administration (FAA).

2. Wetlands. Landfills shall not be located in wetlands, unless the owner/operator makes the following demonstrations to the department:

A. The presumption that a practicable alternative to the proposed landfill is available which does not involve wetlands is clearly rebutted;

B. The construction and operation of the landfill will not –

(I) Cause or contribute to violations of any applicable state water quality standard;

(II) Violate any applicable toxic effluent standard or

prohibition under section 307 of the federal Clean Water Act;

(III) Jeopardize the continued existence of endangered or threatened species or result in the destruction or adverse modification of a critical habitat, protected under the Endangered Species Act of 1973; and

(IV) Violate any requirement under the Marine Protection, Research, and Sanctuaries Act of 1972 for the protection of a marine sanctuary;

C. The landfill will not cause or contribute to significant degradation of wetlands. The owner/operator shall demonstrate the integrity of the landfill and its ability to protect ecological resources by addressing the following factors:

(I) Erosion, stability, and migration potential of native wetland soils, muds, and deposits used to support the landfill;

(II) Erosion, stability, and migration potential of dredged and fill materials used to support the landfill;

(III) The volume and chemical nature of the waste disposed of in the landfill;

(IV) Impacts on fish, wildlife, and other aquatic resources and their habitat from potential release of solid waste from the landfill;

(V) The potential effects of contamination of the wetland and the resulting impacts on the environment; and

(VI) Any additional factors, as necessary, to demonstrate that ecological resources in the wetland are sufficiently protected;

D. Steps have been taken to attempt to achieve no net loss of wetlands (as defined by acreage and function) by first avoiding impacts to wetlands to the maximum extent practicable pursuant to subparagraph (3)(B)2.A. of this rule, then minimizing unavoidable impacts to the maximum extent practicable, and finally offsetting remaining unavoidable wetland impacts through all appropriate and practicable compensatory mitigation actions (for example, restoration of existing degraded wetlands or creation of man-made wetlands); and

E. The requirements of paragraph (3)(B)2. of this rule may be satisfied by the owner/operator obtaining a United States Army Corps of Engineers permit for construction in a wetland or by demonstrating that the wetland is not regulated by the United States Army Corps of Engineers or other appropriate agency.

3. Floodplains. The owner/operator of a landfill located within the one-hundred- (100-) year floodplain shall demonstrate to the department that the landfill will not restrict the flow of the one-hundred- (100-) year flood, reduce the temporary water storage capacity of the floodplain, or result in washout of solid waste so as to pose a hazard to human health or the environment.

4. Seismic impact zones. Landfills shall not be located in seismic impact zones, unless the owner/operator demonstrates to the department that all containment structures, including liners, final covers, leachate collection systems, and surface water control systems are designed to resist permanent cumulative earthquake displacements not to be greater than six inches (6"), resulting from the maximum credible Holocene time earthquake event's acceleration versus time history.

5. Fault areas. Landfills located in the seismic impact zone shall not be located within two hundred feet (200') of a fault that has had displacement in Holocene time unless that owner/operator demonstrates to the department that an alternative setback distance of less than two hundred feet (200') will prevent damage to the structural integrity of the landfill and will be protective of human health and the environment.

6. Unstable areas. Landfills located in an unstable area shall demonstrate to the department that the landfill's design

ensures that the integrity of the structural components of the landfill will not be disrupted. The owner/operator shall consider the following factors, at a minimum, when determining whether an area is unstable:

A. On-site or local rock or soil conditions that may result in failure or significant differential settling;

B. On-site or local geologic or geomorphologic features; and

C. On-site or local human-made features or events (both surface and subsurface).

7. Placement above the uppermost aquifer. Landfills permitted after the effective date of this rule, including horizontal expansions, must be constructed with a base (e.g., the subgrade prior to placing the compacted clay liner) that is located at least one foot (1') above the upper limit of the uppermost aquifer, or must demonstrate that there will not be an intermittent, recurring, or sustained hydraulic connection between any portion of the base of the landfill and the uppermost aquifer due to normal fluctuations in groundwater elevations, including the seasonal high water table.

(4) Landfill Construction Permit and Operating Permit Applications and Permit Modifications.

(A) The application form, plans, addenda, as-built documentation, or other documents that describe the design, construction, operation, closure, or post-closure care of any new sanitary or demolition landfill or horizontal expansion shall be prepared, sealed, and signed by a licensed professional engineer and submitted to the department for review and approval. The permit application request shall be submitted pursuant to 10 CSR 80-2.020(2).

(B) The landfill Construction Permit Application (CPA) shall include –

1. A completed and signed application for Construction of a Solid Waste Disposal Area or Processing Facility form;

2. A map showing initial and proposed topographies at contour intervals of five feet (5') or less utilizing a scale of not less than one inch (1") equal to one hundred feet (100'). If the entire site cannot be illustrated on one (1) standard plan sheet, an additional map with appropriate horizontal and vertical scales that allows the site to be shown on one (1) standard plan sheet is required;

3. A map having a scale of not less than one inch (1") equal to four hundred feet (400') identifying the land use and zoning within one-fourth (¼) mile of the proposed permitted boundary, including location of all known residences, buildings, wells, water courses, springs, lakes, rock outcroppings, caves, sinkholes, mineral rights, and soil or rock borings. All known electric, gas, water, sewer, and other utility easements or lines that are located on, under, or over the proposed permitted boundary shall be shown on the map;

4. Provisions for a minimum one-hundred-foot (100') buffer zone between the outermost limits of waste and any property line(s) or any right(s)-of-way of adjoining road(s) when the property line(s) is inside the right(s)-of-way to provide room for assessment and/or corrective actions. The purpose of the buffer is to provide an area to allow monitoring, investigation, and remediation. Any structures placed within the buffer area require prior approval from the department;

5. Proposed cross-section drawings, including groundwater elevations in relation to liner and final landfill height;

6. Typical phase development drawings:

A. A conceptual sequence of operations and closure of the landfill; and

B. Cell development, leachate, stormwater, gas

monitoring, gas collection and control infrastructure, and phased closure;

7. All computer modeling used in the landfill design, along with a list and summary narrative of the limitations and assumptions of each model and all supporting data;

8. Precipitation, evapotranspiration, and climatological conditions shall be considered in site selection and design;

9. Procedures for testing, site evaluation and preparation, and construction of the landfill;

10. A demonstration of how adverse geologic and hydrologic conditions may be altered or compensated for via surface water drainage diversion, underdrains, sumps, and other structural components, including detailing all necessary site alterations in the plans;

11. Stability analyses shall be performed for all stages of landfill construction, all liner and leachate system components, and on all final cover system components, as well as an evaluation of the effect of waste settlement on the final cover system components, side slope liner system components, and surface water management system components. Results shall be submitted from all analyses and evaluations;

12. Settlement and bearing capacity analysis shall be performed on the in-place foundation material beneath the disposal area, and the results and supporting data submitted in the design plan;

13. An evaluation of the characteristics and quantity of available soil on- and off-site with respect to its suitability for landfill construction and operation, and a discussion of the engineering properties and quantity estimates of the soil on-site, which include –

A. Texture. Sieve and hydrometer analyses shall be performed to determine grain size distribution of representative soil samples in accordance with ASTM D6913/D6913M-17, ASTM International, 100 Barr Harbor, West Conshohocken, PA 19428, 2017, and ASTM D7928-21, ASTM International, 100 Barr Harbor, West Conshohocken, PA 19428, 2021;

B. Plasticity. The liquid limit, plastic limit, and plasticity index of representative soil samples shall be determined in accordance with ASTM D4318-17, ASTM International, 100 Barr Harbor, West Conshohocken, PA 19428, 2017;

C. Hydraulic conductivity. Perform laboratory hydraulic conductivity tests upon undisturbed representative soil samples using a flexible wall permeameter in accordance with ASTM D-5084-16a, ASTM International, 100 Barr Harbor, West Conshohocken, PA 19428, 2016;

D. If an aquifer is found to be laterally continuous across the anticipated area of the proposed landfill, the hydraulic conductivity of each significant continuous geologic unit shall be determined. Examples of accepted field tests are slug or pump tests that isolate the geologic unit of interest; and

E. Area extent and depth. Determine the areal extent and depth of soil suitable for landfill construction, clearly describing any variations in soil depth;

14. Test Pad.

A. A test pad plan that describes the construction and quality assurance/quality control (QA/QC) procedures that will be used to construct the test pad and achieve satisfactory test pad performance results shall be submitted to the department for approval prior to test pad construction. At a minimum, the plan shall include the QA/QC procedures, construction methods to be implemented during liner construction, testing, and equipment proposed for use during construction.

B. A test pad shall be constructed on-site and tested to verify that the proposed soils, construction equipment, and construction and quality control (QC) procedures are adequate to ensure that the soil component of the composite liner

system will meet the requirements pursuant to subparagraphs (4)(A)15.A. and B. of this rule. The following testing shall be performed on the test pad:

(I) At least two (2) laboratory hydraulic conductivity tests performed on undisturbed samples of the completed test pad;

(II) At least one (1) in-situ hydraulic test that consists of at least five (5) individual test locations performed on the completed test pad in accordance with ASTM D6391-11 (Reapproved 2020), ASTM International, 100 Barr Harbor West Conshohocken, PA 19428, 2011; and

(III) At least two (2) test pits excavated into the completed test pad to observe inter-lift bonding.

C. If test pad construction and testing shows that the proposed methods are not sufficient to meet the requirements of this rule, a new test pad shall be constructed using revised procedures approved by the department.

D. For phased construction, only one (1) test pad will be required for a particular soil source, soil type, and equipment type.

E. A test pad report shall be submitted to the department that describes in detail procedures used to construct the test pad, observations and results of testing, and recommendations based on the test pad for future liner construction.

(I) The landfill owner/operator shall not begin construction of the soil component of the composite liner system in the disposal area until the test pad report is approved by the department.

(II) The test pad report shall serve as guidance for construction of the soil component of the composite liner system.

F. The requirement for a test pad may be waived provided the applicant can demonstrate to the department's satisfaction that the construction and QA/QC procedures are equivalent to those described in the approved engineering report and will result in construction of a liner that meets the requirements of this rule.

G. The requirement for a test pad may be waived provided the applicant can demonstrate to the department's satisfaction that the construction and QC procedures are identical to those described in the approved engineering report and will result in construction of a liner which meets the requirements of this rule, and the soils proposed for liner construction meet the following minimum specifications:

(I) Have a plasticity index greater than fifteen (15) and less than thirty (30) (ASTM Test D4318-17, ASTM International, 100 Barr Harbor, West Conshohocken, PA 19428, 2017);

(II) Allow more than fifty percent (50%) passage through a number two hundred (200) sieve (ASTM D1140-17, ASTM International, 100 Barr Harbor, West Conshohocken, PA 19428, 2017); and

(III) Allow less than ten percent (10%) by weight particle sizes greater than two millimeters (2 mm);

15. Specifications for a composite liner as follows:

A. A composite liner must consist of two (2) components –

(I) The upper component, which consists of, at a minimum, a thirty millimeter (30 mm) geomembrane liner. The geomembrane consisting of high-density polyethylene (HDPE) shall be at least sixty millimeters (60 mm) thick; and

(II) The lower component, which consists of at least a two-foot (2') layer of compacted soil with a hydraulic conductivity of no more than 1×10^{-7} centimeters per second (cm/sec); and

B. The geomembrane or upper liner component must be installed in direct and uniform contact with the compacted

soil or lower liner component. The compacted soil liner component at a minimum shall be –

(I) Constructed of six to eight inch (6-8") loose lifts of unfrozen soil;

(II) Compacted to ranges of density and moisture such that the liner has a hydraulic conductivity no more than 1×10^{-7} cm/sec;

(III) Protected from the adverse effects of desiccation or freeze/thaw cycles after construction, but prior to placement of waste;

(IV) Composed of soils that meet the following minimum specifications:

(a) Be classified under the Unified Soil Classification Systems (USCS) as CL, CH, or SC (ASTM Test D2487-17, ASTM International, 100 Barr Harbor, West Conshohocken, PA 19428, 2018);

(b) Allow more than thirty percent (30%) passage through a number two hundred (200) sieve (ASTM D1140-17, ASTM International, 100 Barr Harbor, West Conshohocken, PA 19428, 2017);

(c) Have a liquid limit equal to or greater than twenty (20) (ASTM Test D4318-17, ASTM International, 100 Barr Harbor, West Conshohocken, PA 19428, 2017); and

(d) Have a plasticity index equal to or greater than ten (10) (ASTM Test D4318-17, ASTM International, 100 Barr Harbor, West Conshohocken, PA 19428, 2017); and

(V) Installed so that the minimum bottom slope in any direction of flow is at least one percent (1%);

16. An alternative composite liner proposal, if desired, which will be considered for approval on a site-by-site basis;

17. A proposed design plan for a leachate collection and removal system will be constructed, operated, and maintained to collect and remove leachate as long as leachate is being generated.

A. The plan shall ensure that leachate management includes an estimate of leachate flow quantities, and a description of the proposed method(s) for leachate management, including provisions for leachate storage.

B. The leachate collection and removal system shall be –

(I) Designed and operated to maintain less than a thirty (30) centimeter or one foot (1') depth of leachate over the liner system;

(II) Constructed of materials that are chemically resistant to the waste managed in the landfill and the leachate expected to be generated, and of sufficient strength and thickness to prevent collapse under the pressures exerted by overlying waste, waste cover materials, and equipment used at the landfill;

(III) Constructed with leachate collection media made of a material and placed in a manner that will not damage the liner; and

(IV) Designed and operated to minimize clogging during the landfill operations and post-closure care period.

C. The minimum design criteria for the leachate collection systems shall include the following:

(I) Piping, ponds, and/or tanks of sufficient capacity to store, equalize flow to disposal systems, and allow system/operating flexibility;

(II) Collection systems designed and operated so that any leachate formed will flow by gravity into collection areas from which the leachate can be removed, treated if necessary, and properly managed or disposed;

(III) Provisions for leachate management by application on the working face or by recirculation within the permitted fill area to be conducted in accordance with

an approved engineering method and designed, constructed, and operated to minimize offsite impacts; and

(IV) Prevention of discharge during a twenty-four- (24-) hour, twenty-five- (25-) year storm event, with supporting calculations provided with the design. At a minimum, sites using leachate pond(s) shall maintain an operational freeboard of no less than two feet (2') during normal operation.

D. Design plans shall include the following:

(I) A description of leachate management activities by the landfill owner/operator under normal operating conditions;

(II) A description of actions the landfill owner/operator shall take when the emergency level of less than two feet (2') of freeboard occurs in any pond, including at a minimum –

(a) How leachate will be removed from the pond and transported to a treatment or disposal facility;

(b) A description of any testing requirements necessary prior to disposal, and

(c) A schedule by which time the leachate levels will be returned to the normal operating range, with at least two feet (2') of freeboard; and

(III) A contingency plan for leachate management in the event the on-site system becomes inoperable and leachate must be taken off-site for proper disposal;

18. Description and results of analyses of the leachate collection pipe material and drainage media to demonstrate that these components possess structural strength to support maximum loads imposed by overlying waste materials and equipment;

19. Sump and side slope sump riser designs. Piping shall be, at a minimum, Standard Dimension Ratio 17 piping and not less than eighteen inches (18") in diameter;

20. A gas monitoring plan pursuant to section (12) of this rule;

21. A gas collection and control system design pursuant to section (13) of this rule;

22. A groundwater monitoring program pursuant to section (9) of this rule;

23. Design for on-site drainage, collection and control structures and channels for all stages of development to accommodate, at a minimum, the stormwater volume from a twenty-four- (24-) hour, twenty-five- (25-) year storm. All of the engineering calculations and assumptions shall be included and explained;

24. A description of the design of structures to be located within the permit boundary, including provisions for protection against potential hazards of solid waste decomposition gases. Major structures are not allowed over waste;

25. An operations plan describing the various tasks performed during a typical shift, including routine tasks (e.g., housekeeping schedule, cover, monitoring, and inspections) performed throughout the operating life of the landfill. The plan shall be made available to employees for reference and to the department upon request; and

26. A closure/post-closure plan pursuant to this rule and 10 CSR 80-2.030(4)(A), with specifications and provisions for the projected use of the closed landfill and maintenance for all landfill infrastructure, final cover, and structures.

(C) Landfill operating permit requests shall be submitted pursuant to 10 CSR 80-2.020(2)(B)2. Any design changes that occur during construction shall be presented to the department in the operating permit application and all conditions of the construction permit shall be met prior to issuance unless otherwise approved by the department. The applicant shall notify the department of any modifications during construction.

(D) Permit modification requests shall be submitted pursuant to 10 CSR 80-2.020(4).

(5) Construction Quality Assurance (CQA).

(A) The construction, corrective action, and closure of a sanitary or demolition landfill shall include QA/QC procedures to ensure compliance with approved plans and all applicable federal, state, and local requirements. The landfill owner/operator shall be responsible for ensuring that a qualified professional conducts the QA/QC supervision.

(B) The CQA plan shall include –

1. A detailed description of the QA/QC testing procedures that will be used for every major phase of construction. This description must include, at a minimum, the frequency of inspections, field testing, laboratory testing, equipment to be utilized, the limits for test failure, a description of the procedures to be used upon test failure, and a detailed procedure for the reporting and recording of QA/QC activities and testing results;

2. Leachate collection system. Reports and QA/QC procedures shall be prepared or approved by a licensed professional engineer submitting the results of the QA/QC procedures and state that the leachate collection system was constructed according to the approved design or a description of any deviations from the approved design; and

3. Liner. The liner described in section (4) of this rule shall be constructed in accordance with the approved design specifications. The QA/QC procedures shall include –

A. Evidence that the liner material(s) utilized meets the minimum design specifications;

B. Evidence that field construction techniques meet the minimum design specifications (e.g., soil density test);

C. Evidence that the liner construction is proceeding as designed through routine verification observations using a predetermined system of horizontal and vertical survey controls; and

D. Oversight of the liner construction and QA/QC procedures by a qualified professional, including submission of reports to transmit the results of the QA/QC procedures. Additionally, the report shall state that the liner was constructed according to design and describe any deviations from the approved design.

(C) QA/QC testing shall include –

1. Testing of each lift of the soil component of the final cover and landfill liner for field density and field moisture once per every ten thousand (10,000) square feet and providing relatively uniform coverage over the landfill surface. Include all tests passing, failing, and retest in the CQA report;

2. Laboratory testing for Atterberg Limits and hydraulic conductivity of the soil used for final cover and landfill liner construction once for every five thousand (5,000) cubic yards excavated (ASTM D4318-17, ASTM International, 100 Barr Harbor, West Conshohocken, PA 19428, 2017);

3. Routine visual classification of borrow soil during landfill construction with oversight by an approving licensed professional engineer;

4. Measurement of the elevations of the final cover and the landfill liner on a maximum spacing of one-hundred-foot (100') centers and at one-hundred-foot (100') intervals along each line where a break in slope occurs.

A. Landfill liner. Measuring the elevations of the top and bottom of both the landfill liner and leachate collection systems.

B. Final cover. Measuring the elevations of the top and bottom of the landfill cover:

(I) The compacted clay layer; and

(II) The soil layer supporting vegetative growth;

5. For a geomembrane –

A. Nondestructive testing of all seams of the geomembrane in the composite liner and final cover; and

B. Random destructive testing of the seams with results consistent with Geosynthetic Institute (GM 19a or GM 19b 2021), at a frequency of at least one (1) every five hundred (500) linear feet of seam;

6. All testing shall be performed with oversight by the approving licensed professional engineer or a qualified professional for every major phase of construction;

(D) All CQA reports shall be signed and sealed, and submitted by a licensed professional engineer.

(6) Survey Control.

(A) Benchmarks, horizontal controls, and boundary markers at a sanitary or demolition landfill shall be established by a land surveyor registered in the state of Missouri to check and mark the location and elevations of the landfill, ensuring compliance with design plans, phasing plans, and applicable permit.

(B) At a minimum, a survey of the entire permitted acreage shall be conducted in accordance with the current Missouri Standards for Property Boundary Surveys (2 CSR 90-60) and include the establishment of a permanent monument used as a benchmark.

(C) All site survey information shall be reported in the State Plane Coordinate System and the North American Vertical Datum of 1988 or include a conversion table. If a local datum is used, the reported information shall also include the geoid used and a conversion table showing the conversion of vertical and horizontal permanent monuments from the site coordinate system to the State Plane Coordinate System and the North American Vertical Datum of 1988.

(7) Water Quality.

(A) The owner/operator of a sanitary or demolition landfill or any horizontal expansion shall design, construct, operate, and maintain –

1. On-site drainage, collection and control structures, and channels for all stages of development to accommodate, at a minimum, the stormwater volume from a twenty-four (24-) hour, twenty-five (25-) year storm;

2. Surface water run-off diversion and control structures to minimize infiltration, erosion, ponding, run-on at the working face, and off-site transport of water and sediment (e.g., through ditches, berms, grading, etc.).

(B) All permits and approvals necessary to comply with requirements of the Missouri Clean Water Law and regulations (MCWL&r) shall be obtained from the department prior to landfill construction and maintained during the operational life of the landfill.

(C) The quantity of water coming in contact with waste shall be minimized by the daily operational practices.

(D) Water that comes in temporary contact with the waste shall be managed in accordance with the approved stormwater management procedures.

(E) Water that passes through or emerges from waste and contains dissolved, suspended, or miscible materials removed from such waste shall be managed as leachate.

(8) Leachate Management.

(A) The owner/operator of a sanitary or demolition landfill, or horizontal expansion of such landfill, shall control leachate on-site, collect it in a manner to protect the integrity of any containment system required by the department, and not

allow leachate to –

1. Enter the stormwater infrastructure, including ponds, where it will mix with stormwater;

2. Overtop its containment basin or threaten the structural integrity of the basin;

3. Discharge beyond the permit boundary;

4. Discharge into waters of the state, except as allowed in the approved plans and through a permit under the MCWL&r; and

5. Blow or drift off the lined areas of the facility due to leachate application to the working face, spray dispersal, or mist evaporative methods employed for leachate management.

(B) Leachate dispersion on the working face for purposes of waste compaction and densification is allowed in accordance with the operations plan approved by the department.

(C) Leachate disposal shall be in accordance with the requirements of the MCWL&r.

(D) Leachate generation rates must be tracked and reported to the department in the format and manner prescribed by the department.

(E) Leachate levels in each sump within the waste disposal area must be monitored and recorded at least daily and reported to the department in the format and manner prescribed by the department.

(9) Groundwater Monitoring.

(A) Any landfill that has an approved groundwater monitoring program prior to the effective date of this rule shall continue to comply with the approved program. Any landfills for which the department determines there is a need for a groundwater monitoring program or revision and all new landfills shall conduct groundwater monitoring in accordance with the following:

1. Implement a groundwater monitoring program capable of determining the landfill's impact on the quality of groundwater underlying the landfill;

2. The owner/operator of a landfill shall establish the potential for migration of fluid generated by the landfill into the groundwater by an evaluation of –

A. A water balance of precipitation, evapotranspiration, run-off, and infiltration; and

B. At a minimum, the following characteristics:

(I) Geologic materials;

(II) Description of soil and bedrock to a depth adequate to allow evaluation of water quality protection provided by the soil and bedrock;

(III) Groundwater elevation;

(IV) Proposed separation between the lowest point of the lowest cell and the maximum water table elevation;

(V) Proximity of the landfill to water supply wells or surface water;

(VI) Rate and direction of groundwater flow; and

(VII) Current and projected use of water resources in the potential zone of influence of the landfill;

3. Groundwater monitoring wells shall be installed so that the number, spacing, and depths of the wells shall be determined based upon site-specific technical information that shall include a thorough characterization of –

A. Aquifer thickness, groundwater flow rate, groundwater flow direction including seasonal and temporal fluctuations in groundwater flow; and

B. Saturated and unsaturated geologic units and fill materials overlying the uppermost aquifer, materials comprising the uppermost aquifer, and materials comprising the confining unit defining the lower boundary of the uppermost aquifer, including, but not limited to, thicknesses,

stratigraphy, lithology, hydraulic conductivities, and porosities. If the lower confining unit is one hundred feet (100') or more below the top of the uppermost aquifer, borings verifying the lower confining layer will not be required. The upper fifty feet (50') of uppermost aquifer will be characterized;

4. Groundwater monitoring wells shall be capable of yielding groundwater samples for analysis, effectively monitoring the site, and consisting of at least one (1) well installed hydraulically up gradient; that is, in the direction of increasing static head from the landfill and at least three (3) wells installed hydraulically downgradient; that is, in the direction of decreasing hydraulic head from the landfill. The numbers, locations, and depths shall be sufficient to yield groundwater samples that are –

A. Representative of background water quality in the groundwater near the landfill;

B. Capable of detecting any significant amounts of fluids generated by the landfill that migrate from the landfill to the groundwater; and

C. Monitoring wells, or clusters of monitoring wells, shall be capable at a minimum of monitoring all saturated zones down to and including the uppermost aquifer. The maximum distance any new or replacement monitoring wells may be located from the outermost limits of wastes is one hundred fifty meters (150 m) or four hundred ninety-two feet (492'). Wells installed for corrective action may be placed in an approved location at distances greater than one hundred fifty meters (150 m), as needed; and

5. The design and installation of groundwater monitoring well systems shall be observed, supervised, and certified by a qualified groundwater scientist and approved by the department.

(B) Sampling and Reporting.

1. Each landfill's groundwater monitoring program must include consistent sampling and analysis procedures that are designed to ensure monitoring results provide an accurate representation of groundwater quality at monitoring wells installed in compliance with this section. The owner/operator shall submit the sampling and analysis program to the department for approval. The program shall include procedures and techniques for –

A. Monitoring well maintenance;

B. Monitoring well redevelopment;

C. Monitoring well depth measurement and hydraulic levels;

D. Monitoring well purging and sampling utilizing dedicated equipment;

E. Equipment calibration;

F. Decontamination and field blanks;

G. Sample and duplicate sample collection;

H. Sample preservation;

I. Sample labeling;

J. Sample handling;

K. Field measurements;

L. Field documentation;

M. Chain of custody control;

N. Sample shipment;

O. Analytical procedures;

P. QA/QC control – field and laboratory; and

Q. Statistical testing strategy for each parameter's concentrations.

2. Each groundwater monitoring program shall include sampling and analytical methods that are appropriate for groundwater sampling and that accurately measure monitoring constituents in groundwater samples. Analysis shall be performed on unfiltered samples.

3. The owner/operator shall determine the rate and direction of groundwater flow each time groundwater is sampled. Groundwater elevations in wells that monitor the same solid waste disposal area shall be measured within a period of time short enough to avoid temporal variations in groundwater flow that could preclude accurate determination of groundwater flow direction.

(C) Baseline/Background Monitoring.

1. The owner/operator of a new sanitary or demolition landfill shall establish background groundwater quality for each of the monitoring constituents required in Appendix I.

2. To establish background, a minimum of eight (8) quarterly samples of statistically independent sample data shall be obtained and analyzed from all monitoring wells. Additional background samples may be required based upon the statistical methodology used.

3. Landfills may begin accepting waste upon completion of a minimum of four (4) independent baseline/background sampling events of constituents in Appendix I or Appendix III.

(D) Detection Monitoring.

1. The owner/operator of a sanitary or demolition landfill shall obtain and analyze water samples from the groundwater monitoring wells during the months of March through May and September through November of each calendar year unless an alternative schedule is approved by the department. Sampling events must be six (6) months apart unless an alternative schedule is approved by the department.

2. Constituents listed in Appendix I or Appendix III shall be analyzed each time a sample is obtained.

3. The water level in each well shall be measured at the sanitary or demolition landfill at the time the sample is taken.

4. The sample results and any results of statistical analysis determining statistically significant increases (SSI) for any constituent shall be submitted to the department in one (1) report within ninety (90) days of when samples are collected. All groundwater data shall be submitted electronically, in the format and method as prescribed by the department.

5. In the case of all detection monitoring requirements previously listed, the department may specify an appropriate alternative frequency for repeated sampling and analysis during the operation of the landfill, including the closure and post-closure periods. The department may add additional constituents or delete constituents on a site-by-site basis through an evaluation of waste and leachate characteristics of the landfill.

(E) Statistical Method. The owner/operator of a sanitary or demolition landfill shall specify the statistical methods to be used in evaluating groundwater monitoring data for each monitoring constituent. These methods shall be in accordance with the EPA Unified Guidance, Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities–March 2009.

(F) Response to Detection Monitoring Statistical Analysis.

1. If the statistical analysis shows an SSI (or pH change) over background, and attributes it to the landfill, the owner/operator of the sanitary or demolition landfill shall submit this information to the department and conduct confirmation sampling during the next semiannual monitoring event.

2. If the results of the statistical analysis reveal an SSI (or pH change) over background, the owner/operator must demonstrate to the department within ninety (90) days of the confirmation event that a source other than the landfill caused the contamination or that the SSI resulted from an error in sampling, analysis, statistical evaluation, or natural variation. If the statistical methodology used by the owner/operator requires a confirmation sample or second confirmation sample, then the next required sampling event can be used as

the confirmation sampling event.

(G) Assessment Monitoring.

1. If the owner/operator cannot make this demonstration pursuant to paragraph (9)(F)2. of this rule to the department, the owner/operator shall submit a groundwater assessment monitoring plan and implement the plan upon approval by the department. The assessment monitoring plan shall specify the following:

- A. The number, location, and depth of wells;
- B. Sampling and analytical methods for the monitoring constituents listed in Appendix II or Appendix IV as applicable;
- C. Evaluation procedures, including any use of previously gathered groundwater quality information;
- D. The rate and extent of migration of a contaminant plume in the groundwater; and
- E. The concentrations of the contaminant plume in the groundwater.

2. After obtaining the results from the initial or subsequent sampling events, the owner/operator shall –

A. Within fourteen (14) days, inform the department which constituents have been detected;

B. Within ninety (90) days, and on a semi-annual basis after that, resample all wells and conduct analysis for all constituents listed in Appendix I and Appendix II, or Appendix III and Appendix IV that were detected during the initial or subsequent sampling events of assessment monitoring. Samples shall be analyzed for the complete list of Appendix II or Appendix IV constituents at least once every five (5) years for all wells in assessment monitoring. A minimum of one (1) sample from each well sampled shall be collected and analyzed during these sampling events;

C. Establish background concentrations for any new constituents detected during subsequent monitoring events;

D. Establish groundwater protection standards for all new constituents detected during subsequent monitoring events. For the purposes of this subparagraph, the site-specific groundwater protection standards shall be the maximum contaminant level (MCL) established under the National Primary Drinking Water Regulations sections 141.62 (June 29, 2004) and sections 141.66 (December 7, 2000), provided that if no MCL has been established or the site-specific background value is higher than the MCL, then the groundwater protection standards shall be the site-specific background value;

E. If the concentrations of all constituents listed in Appendix II or Appendix IV are shown to be at or below background levels as established in this rule for two (2) consecutive sampling periods, the owner/operator may reinstate detection monitoring;

F. If the concentrations of any constituents listed in Appendix II or Appendix IV are above background values, but all concentrations are below the groundwater protection standard established under this rule using the statistical procedures approved by the department for the landfill, the owner/operator shall notify the department and the department may require the owner/operator to –

(I) Continue assessment monitoring; or

(II) Develop a corrective action plan, or both;

G. If one (1) or more constituents listed in Appendix I, Appendix II, Appendix III, or Appendix IV are detected at levels above the groundwater protection standard, the owner/operator shall –

(I) Provide the department with a report assessing potential corrective actions as outlined in section (10);

(II) Characterize the nature and extent of the release by installing additional monitoring wells as necessary to determine the rate and extent of groundwater contamination,

and notify all persons who own the land or reside on the land that directly overlies any part of the plume of contamination if contaminants have migrated off-site as indicated by sampling of wells; and

(III) Continue assessment monitoring pursuant to the groundwater quality assessment plan and implement the approved corrective action program specified in this rule; and

H. The results of implementation of the assessment monitoring program shall be submitted to the department at the end of each year or an alternate time period approved by the department.

(10) Corrective Action.

(A) The owner/operator of a landfill that shows one (1) or more constituents listed in Appendix I, Appendix II, Appendix III, or Appendix IV, as applicable, being detected at levels above the groundwater protection standard pursuant to subparagraph (9)(G)2.D. of this rule, and determined to be a result of a release of leachate or landfill gas from the facility, shall in consultation with the department either proceed with corrective actions or submit a corrective action plan pursuant to this section.

(B) Assessment of Corrective Action(s).

1. Within ninety (90) days of finding that any of the constituents listed in Appendix II or Appendix IV have been detected at a statistically significant level exceeding the groundwater protection standards pursuant to subparagraph (9)(G)2.D. of this rule, the owner/operator shall initiate an investigation and assessment of potential corrective actions. This assessment shall be completed within a reasonable period of time, and a report describing the assessment of corrective actions shall be submitted to the department.

2. The owner/operator shall continue to monitor in accordance with subsection (9)(G) of this rule.

3. The assessment shall include an analysis of the effectiveness of potential corrective actions in meeting all of the requirements and objectives of the remedy pursuant to this rule, addressing at least the following:

A. The performance, reliability, ease of implementation, and potential impacts of appropriate potential corrective action(s), including safety impacts, cross-media impacts, and control of exposure to any residual contamination;

B. The time required to begin and complete the action(s);

C. The costs of implementation; and

D. The institutional requirements such as state or local permit requirements or other environmental or human health requirements that may substantially affect implementation of the corrective action(s).

4. The owner/operator shall discuss the results of the corrective action(s) assessment, prior to the selection of a remedy, in a public meeting with interested and affected parties.

(C) Selection of Corrective Action(s).

1. Based on the results of the potential corrective action(s) assessment, the owner/operator shall propose a corrective action(s) plan. The owner/operator shall submit to the department, within fourteen (14) days of selecting a proposed corrective action(s) plan, a report describing the proposed corrective action(s) and how the proposed plan meets the standards of this rule.

2. Corrective action(s) shall –

A. Be protective of human health and the environment;

B. Attain the groundwater protection standard; and

C. Control the source(s) of releases so as to reduce or eliminate, to the maximum extent practicable, further releases of constituents listed in Appendix I, Appendix II, Appendix III,

or Appendix IV into the environment that may pose a threat to human health or the environment.

3. In proposing a corrective action, the owner/operator shall include the following evaluation factors:

A. The long- and short-term effectiveness and protectiveness of the potential action(s), along with the degree of certainty that the remedy will prove successful based on consideration of the following:

(I) Magnitude of reduction of existing risks;
(II) Magnitude of residual risks in terms of likelihood of further releases due to waste remaining following implementation of the proposed remedy;

(III) The type and degree of long-term management, including monitoring, operation, and maintenance;

(IV) Short-term risks that might be posed to the community, workers, or the environment during implementation of the corrective action(s), including potential threats to human health and the environment associated with excavation, transportation and redisposal, or containment;

(V) Time until full protection is achieved;

(VI) Potential for exposure of humans and environmental receptors to remaining waste, considering the potential threat to human health and the environment associated with excavation, transportation, and redisposal, or containment;

(VII) Long-term reliability of the engineering and institutional controls; and

(VIII) Potential need for replacement of the corrective action(s);

B. The effectiveness of the corrective action(s) in controlling the source to reduce further releases based on consideration of the following factors:

(I) The extent to which containment practices will reduce further releases; and

(II) The extent to which treatment technologies may be used;

C. The ease or difficulty of implementing the potential corrective action(s) based on consideration of the following types of factors:

(I) Degree of difficulty associated with constructing the corrective action(s) technology;

(II) Expected operational reliability of the proposed technologies;

(III) The need to coordinate with and obtain necessary approvals and permits from other agencies;

(IV) Availability of necessary equipment and specialists; and

(V) Available capacity and location of needed treatment, storage, and disposal services; and

D. The degree to which community concerns are addressed by the proposed corrective action(s).

4. The owner/operator shall specify as part of the proposed corrective action(s) a schedule for initiating and completing corrective action(s). This schedule shall require the initiation of corrective action(s) within a reasonable period of time. The owner/operator shall include the following factors in selecting corrective action(s):

A. Extent and nature of contamination;

B. Practical capabilities of remedial technologies in achieving compliance with groundwater protection standards pursuant to this rule and other objectives of the remedy;

C. Availability of treatment or disposal capacity for wastes managed during implementation of the corrective action(s);

D. Desirability of utilizing technologies that are not currently available, but which may offer significant advantages

over already available technologies in terms of effectiveness, reliability, safety, or ability to achieve remedial objectives;

E. Potential risks to human health and the environment from exposure to contamination prior to completion of the corrective action(s);

F. Resource value of any affected aquifer including –

(I) Current and future uses;

(II) Proximity and withdrawal rate of users;

(III) Groundwater quantity and quality;

(IV) The potential damage to wildlife, crops, vegetation, and physical structures caused by exposure to the waste constituent;

(V) The hydrogeologic characteristic(s) of the facility and surrounding land;

(VI) Groundwater removal and treatment costs; and

(VII) The cost and availability of alternative water supplies;

G. Practicable capability of the owner/operator; and

H. Other relevant factors.

5. The department may determine that remediation of a release of any constituent listed in Appendix I, Appendix II, Appendix III, or Appendix IV of this rule from a landfill is not necessary if the owner/operator demonstrates to the satisfaction of the department that –

A. The groundwater is additionally contaminated by substances that have originated from a source other than the landfill and those substances are present in concentrations such that a cleanup of the release from the landfill unit would provide no significant reduction in risk to actual or potential receptors;

B. The constituent(s) is present in groundwater that –

(I) Is not a current or potential source of drinking water; and

(II) Is not hydraulically connected with waters to which the hazardous constituents are migrating or are likely to migrate in a concentration(s) that represents an SSI over background concentrations;

C. Remediation of the release(s) is technically impracticable; or

D. Remediation would result in unacceptable cross-media impacts.

6. A determination by the department pursuant to paragraph (10)(C)5. of this rule shall not affect the authority of the department to require the owner/operator to undertake source control measures or other measures that may be necessary to eliminate or minimize further releases to the groundwater, to prevent exposure to the groundwater, or to remediate the groundwater to concentrations that are technically practicable and which significantly reduce threats to human health or the environment.

7. A corrective action financial assurance instrument (FAI) shall be established pursuant to 10 CSR 80-2.030(4)(C)2.

(D) Implementation of the Corrective Action(s) Program.

1. Based on the schedule established for initiation and completion of corrective action(s), the owner/operator shall –

A. Establish and implement a corrective action(s) groundwater monitoring program that –

(I) At a minimum, meets the requirements of an assessment monitoring program as outlined in subsection (9) (G) of this rule;

(II) Indicates the effectiveness of the corrective action(s); and

(III) Demonstrates compliance with the groundwater protection standard;

B. Implement the corrective action(s) selected; and

C. Take any interim corrective action(s) necessary, any

action(s) determined to be necessary by the department, or both, to ensure the protection of human health and the environment. Interim corrective action(s) shall, to the greatest extent practicable, be consistent with the objectives of and contribute to the performance of any action(s) selected. The following factors shall be considered by an owner/operator, and will be considered by the department, in determining whether interim action(s) is necessary:

- (I) Time to develop and implement a final remedy;
- (II) Actual or potential exposure of nearby populations or environmental receptors to hazardous constituents;
- (III) Actual or potential contamination of drinking water supplies or sensitive ecosystems;
- (IV) Further degradation of the groundwater that may occur if a corrective action(s) is not initiated expeditiously;
- (V) Weather conditions that may cause hazardous constituents to migrate or be released;
- (VI) Risks of fire, explosion, or potential for exposure to hazardous constituents as a result of an accident or failure of a container or handling system; and
- (VII) Any other situations that may pose threats to human health or the environment.

2. The department may determine, based on information developed after implementation of the corrective action(s) has begun, or other information, that compliance is not being achieved through the action(s) selected. In those cases, the owner/operator shall implement other methods or techniques that will achieve compliance with the requirements, unless the department makes the determination pursuant to paragraph (10)(D)3. of this rule.

3. If the department determines that compliance cannot be practically achieved with any currently available methods, the owner/operator shall –

A. Obtain the certification of a qualified groundwater scientist and approval from the department that compliance cannot be practically achieved with any currently available methods;

B. Implement alternative corrective action(s) to control exposure of humans or the environment to residual contamination, as necessary, to protect human health and the environment;

C. Implement alternative corrective action(s) for control of the sources of contamination, or for removal or decontamination of equipment, units, devices, or structures that are –

- (I) Technically practicable; and
- (II) Consistent with the overall objective of the corrective action(s);

D. Submit a report to the department justifying the alternative corrective action(s). The alternative action(s) must be approved by the department prior to implementation.

4. All solid wastes that are managed pursuant to a corrective action(s) plan or an interim corrective action(s) plan shall be managed in a manner –

A. That is protective of human health and the environment; and

B. That complies with all applicable state and federal requirements.

5. Remedies selected shall be considered complete when –

A. The owner/operator complies with the groundwater protection standards established under this rule at all points within the plume of contamination;

B. Compliance with the groundwater protection standards has been achieved by demonstrating that concentrations of all constituents listed in Appendix I, Appendix II, Appendix III, or Appendix IV of this rule have not

exceeded the groundwater protection standard(s) for a period of three (3) consecutive years using the approved statistical procedures and performance standards. The department may specify an alternative length of time during which the owner/operator shall demonstrate that concentrations of all constituents listed in Appendix I, Appendix II, Appendix III, or Appendix IV of this rule have not exceeded the groundwater protection standard(s), taking into consideration –

(I) Extent and concentration of the release(s);

(II) Behavioral characteristics of the hazardous constituents in the groundwater;

(III) Accuracy of monitoring or modeling techniques, including any seasonal meteorological, or other environmental variabilities that may affect the accuracy; and

(IV) Characteristics of the groundwater;

C. All actions required to complete the corrective action(s) plan have been completed.

6. Upon completion of the corrective action(s), the owner/operator shall submit a certification to the department within fourteen (14) days after the corrective action(s) has been completed and shall place a copy of the certification in the facility's operating record. The certification shall be signed by both the owner/operator and a qualified groundwater scientist and approved by the department.

7. When, upon completion of the certification, the owner/operator and the department determine that the corrective action(s) has been completed, the owner/operator shall be released from the requirements for financial assurance for corrective action pursuant to 10 CSR 80-2.030(6)(C)3.

(11) Air Quality.

(A) The design, construction, and operation of a sanitary or demolition landfill shall minimize impacts and threats to human health or the environment and shall comply with applicable ambient air quality and source control regulations.

(B) Design and operational plans shall include a description of efforts to be taken to prevent off-site emissions, including an effective dust and odor control program.

(C) Operation and maintenance of any landfill gas collection and control system shall be in accordance with the Missouri Solid Waste Management Law and regulations (MSWML&r) and the Missouri Air Conservation Law and regulations (MACL&r).

(D) The landfill owner/operator shall take steps to prevent excessive odors or dust or any leachate spray from application to the working face from leaving the landfill property.

(E) Burning at the landfill shall be conducted away from the waste and any landfill infrastructure, in accordance with the terms and conditions of the landfill's permit, all department requirements, and all local requirements. Burning within the permit boundary of any landfill shall be limited to tree trunks, tree limbs, and vegetation resulting from land clearing related to landfill operation and development. Burning of all other solid waste is prohibited within the landfill's permit boundary.

(F) The landfill owner/operator shall ensure the landfill does not exceed approved operating temperatures. Any exceedances must be approved by the Waste Management Program and Air Pollution Control Program.

(12) Landfill Gas Monitoring.

(A) The owner/operator of a sanitary or demolition landfill that has an approved landfill gas monitoring program, prior to the effective date of this rule, shall continue to comply with the approved program. Any landfill for which the department determines there is a need for a landfill gas monitoring program, a revision to the currently approved program, and all new sanitary and demolition landfills shall conduct landfill

gas monitoring in accordance with this section.

(B) The department may apply some or all of the requirements of this section to the design and maintenance of any landfill that has ceased accepting waste, if the department determines there is evidence of an existing or potential safety concern or environmental impact.

(C) The landfill gas monitoring plan shall be prepared by a licensed professional engineer and be capable of detecting landfill gases in the most likely zone(s) of migration to ensure concentrations of methane gas do not exceed the limits set out in this rule. The plan shall describe the monitoring systems, equipment, and procedures that will be utilized to detect methane that is generated in the landfill and may accumulate in structures or migrate through the subsurface beyond the permit boundary.

1. The landfill gas monitoring plan shall include the following:

A. Provisions for monitoring the subsurface for migration of methane gas utilizing a network of landfill gas compliance monitoring wells installed within the permitted boundary.

(I) Gas monitoring well and well network – design and construction.

(a) Wells shall be designed and installed to monitor all unsaturated zones down to an elevation equal to the bottom elevation of waste at the lowest point in the landfill and shall include all site-specific information used as a basis for the design, construction, installation, and monitoring of the wells.

(b) The maximum spacing between landfill gas compliance monitoring wells shall be five hundred feet (500') at any two (2) adjacent well locations, unless the department approves documentation provided in the landfill gas monitoring plan that a hydrologic or topographic barrier to methane gas migration exists in a specific area of the site.

(c) The owner/operator shall assess the need for a closer well spacing to provide monitoring for –

I. Major structures located within one thousand feet (1,000') of the permitted boundary;

II. Underground utility lines, trenches, vaults, manholes, and any other potential confined spaces that are located within the permitted boundary or within one thousand feet (1,000') of the permitted boundary, and may require entry by a worker or property owner, or that could act as a conduit for landfill gas flow;

III. Any known natural subsurface gas migration pathways, based on documentation of the geologic, hydrologic, and topographic conditions of the site and the surrounding property located within one thousand feet (1,000') of the permitted boundary;

IV. Any known manmade subsurface gas migration pathways, based on knowledge of the site and the surrounding property; and

V. Any area of the site that was subject to historical methane migration assessments or investigation.

(d) The department may waive the requirement to install landfill gas compliance monitoring wells, provided the landfill owner/operator demonstrates to the department that a hydrologic or topographic barrier exists in a specifically-defined area between the waste boundary and the permitted boundary. The demonstration(s) shall be submitted to the department with, or as an addendum to, the landfill gas monitoring plan, and shall address the following:

I. To demonstrate the presence of a hydrologic barrier, the landfill owner/operator shall submit documentation to the department, signed and sealed by a

registered geologist, that provides evidence that hydrologic conditions exist within the defined area that preclude the migration of methane gas onto an adjacent property via a subsurface migration pathway. To be classified as a hydrologic barrier, the hydrologic conditions must meet the following criteria:

a. The natural subsurface migration pathway is continuously saturated in a zone defined by a vertical surface that is located between the outermost limits of waste and the permit boundary. This continuously saturated zone must extend vertically down to the lowest elevation of waste;

b. The hydrologic barrier extends horizontally the entire extent of the defined area; and

c. The saturated conditions are permanent (e.g., not seasonal or weather dependent) within the defined area;

II. To demonstrate a topographic cut-off, the owner/operator shall submit documentation to the department, sealed by a licensed professional engineer or registered geologist that provides evidence that the ground surface elevation of the defined area is below the lowest elevation of waste. The defined area shall be located between the outermost limits of waste and the permit boundary; and

B. Provisions for monitoring for methane gas in each enclosed structure or confined space located within the permitted boundary of the landfill.

(D) Landfill Gas Monitoring Well Network – Operation and Maintenance.

1. Wells shall be constructed, installed, maintained, and plugged in accordance with the Missouri Monitoring Well Construction Code, 10 CSR 23-4.

2. The survey coordinates and the top-of-casing elevation for each well shall be established using conventional or Global Positioning System surveying techniques and submitted to the department with the monitoring system as-built drawings.

3. Each well shall be marked clearly in the field with a permanent placard or sign showing its identification number.

4. Each well shall be equipped with a sampling port to allow sampling without removal of the well cap.

5. All monitoring wells shall be protected from unauthorized access and kept locked and secured at all times.

6. The landfill owner/operator shall sample all landfill gas compliance monitoring wells at least quarterly, or more frequently if required by the department to protect human health or guide corrective actions.

7. The landfill owner/operator shall measure the following constituents in each landfill gas compliance monitoring well during each sampling event:

A. Methane gas concentration (percent methane by volume);

B. Oxygen concentration (percent oxygen);

C. Carbon dioxide concentration (percent carbon dioxide);

D. Atmospheric (barometric) pressure (inches Hg); and

E. Other constituents if the department determines that conditions at the landfill warrant the need for additional information to protect human health or the environment.

8. Methane gas shall not be allowed to accumulate above the following concentrations:

A. Twenty-five percent (25%) of the lower explosive limit (LEL) or one and one-quarter percent (1.25%) methane by volume in air in major structures within the permit boundary;

B. Fifty percent (50%) of the LEL or two and one-half percent (2.5%) by volume for methane in the soil at the permitted boundary of the landfill;

C. For purposes of this section, LEL means the lowest

percent by volume of a mixture of explosive gases in air that will propagate a flame at twenty-five degrees Celsius (25°C) and atmospheric pressure.

9. The landfill owner/operator shall submit all monitoring results electronically to the department within seven (7) days of collection –

A. At least quarterly, or more frequently if required due to detection of methane gas above limits pursuant to paragraph (12)(D)8. of this rule; and

B. In a format and manner prescribed by the department.

(13) Landfill Gas Collection and Control.

(A) The owner/operator of a sanitary or demolition landfill that has an approved landfill gas collection and control system prior to the effective date of this rule shall continue to operate pursuant to the approved plan. Any landfill for which the department determines there is a need for a landfill gas collection and control system or a revision to an approved system, and all new landfills, shall submit a landfill gas collection and control system design in accordance with this section. Landfills receiving waste on or after the effective date of this rule shall prevent the migration of landfill gases through the use of an active gas collection and control system.

(B) Design.

1. The active landfill gas collection and control system shall be designed to prevent the migration of methane gas through the subsurface into major structures within the permitted boundary or onto surrounding properties.

2. The plans for the design of the landfill gas collection and control system shall include, at a minimum, the following:

A. Drawings that show the layout and locations of all landfill gas, gas condensate, and, if applicable, pneumatic control system components and equipment, specifications of all piping systems, locations of all components, trench specifications, and system connections and piping configurations for all components;

B. Calculations estimating the maximum potential gas generation at the landfill and the length of time over which gas may be generated, calculations verifying design and flow capacity of the gas collection and control system over the intended use of the system, and estimating when gas control will need to be implemented for each portion of the landfill;

C. Design specifications for all materials, components, and equipment used in the landfill gas collection and control system;

D. A landfill gas collection well schedule indicating, for each well, the approximate elevation of the landfill surface at the location of the well, the proposed elevation of the top of base liner at the location of the well, the proposed length of slotted and solid pipe in the well, and the proposed depth of the well;

E. A well construction diagram (cross-section documentation) illustrating the design details for a typical landfill gas collection well, and showing the diameter of the borehole, the material specifications for the well riser, the dimensions and material specifications for the borehole seals, the dimensions and material specifications for the filter pack, and the type of surface completion;

F. Construction diagrams illustrating the design details for all collection points, including, but not limited to, the horizontal collection trenches, passive systems, or surface collection components; and

G. All applicable permits and approvals necessary to comply with the requirements of the MACL&R.

3. All landfill gas collection wells installed in waste shall be designed such that the bottom of the well borehole is no

closer than ten feet (10') above the top of the landfill liner.

4. The owner/operator also shall submit to the department a detailed operating and maintenance plan for the landfill gas collection and control system installed within the landfill footprint, and any landfill gas collection and control systems external to the landfill footprint. The operating and maintenance plan shall address the system(s) in its entirety and each system component individually.

5. The department may approve the use of an alternative gas system design on a case-by-case basis.

(C) Operation.

1. The owner/operator of a sanitary or demolition landfill shall control methane gas on-site so that it will not accumulate in explosive or toxic concentrations and migrate laterally from the waste to endanger the health of landfill personnel or the public, or pose a threat to the environment.

2. The department may require a landfill owner/operator to install a portion or all of an approved landfill gas collection and control system, install an interim landfill gas collection and control system, or expand the gas collection and control system in specific areas of the landfill as necessary to control landfill gas.

3. The system components shall be routinely inspected and tuned as needed to optimize performance. The landfill owner/operator shall investigate the reason for any reduced performance and make necessary adjustments and repairs to the system to ensure compliance with this rule.

(D) Landfill Gas Extraction Well Network – Operation and Maintenance.

1. The survey coordinates and the top-of-casing elevation for each well shall be established using conventional or Global Positioning System (GPS) surveying techniques and submitted to the department with the monitoring system as-built drawings.

2. Each well shall be marked clearly in the field with a permanent placard or sign showing its identification number.

3. Each well shall be equipped with a sampling port to allow sampling without removal of the well cap.

4. The landfill owner/operator shall sample all landfill gas extraction wells at least quarterly, or more frequently if required by the department to protect human health or guide corrective actions.

5. The landfill owner/operator shall measure the following constituents in each landfill gas extraction well during each sampling event:

A. Temperature at the well head (Fahrenheit);

B. Methane gas concentration (percent methane by volume);

C. Oxygen concentration (percent oxygen);

D. Carbon dioxide concentration (percent carbon dioxide);

E. Atmospheric (barometric) pressure (inches Hg);

F. Liquid level;

G. Other constituents if the department determines that conditions at the landfill warrant the need for additional information to protect human health or the environment; and

H. Any sampling results collected as a result of requirements from other state or federal agencies stricter than those outlined in this subsection shall also be submitted to the Waste Management Program.

6. The landfill owner/operator shall submit all monitoring results electronically to the department within seven (7) days of collection, in a format and manner prescribed by the department.

(E) Alternative use of Landfill Gas Extraction Systems.

1. This section applies to any disposal facility using the

combustible gases generated from decomposing waste in any manner other than direct destruction in a flare, such as combustion for heating within or outside the facility, utilizing the gas in the generation of electricity, refining the gas for sale as a fuel, or any manner other than direct flaring/destruction on-site.

2. The landfill gas collection and control system's principal and exclusive purpose is to prevent the migration of methane gas through the subsurface into major structures within the permitted boundary or onto surrounding properties. Approval of alternative use of gas extraction systems is at the department's discretion and may be revoked at any time.

3. Any disposal facility operating a gas extraction system as defined in paragraph (13)(E)1. of this rule that receives a violation or fine from any state or federal agency for a subsurface oxidation event shall –

- A. Cease operation of that alternative use system;
 - B. Resume direct destruction of the gas through flaring;
- and

C. May not resume operation of the alternative use system until the event has been controlled for at least one year.

(14) Landfill Gas Corrective Action.

(A) In the event methane gas is detected migrating from the landfill permit boundary and accumulating above the concentrations specified in paragraph (12)(D)8. of this rule, the sanitary or demolition landfill owner/operator shall take immediate action to protect the health and safety of the public and landfill personnel and prevent any threat to the environment. The owner/operator shall implement appropriate and timely corrective action(s) to control the methane gas and prevent its migration through the subsurface beyond the permitted boundary, onto any surrounding properties, or into enclosed structures or major structures.

(B) The landfill owner/operator shall take the following actions upon detection of methane gas concentrations above the limits in paragraph (12)(D)8. of this rule:

1. Notify the following parties that a methane gas exceedance has been discovered within twenty-four (24) hours:

A. Fire department or local emergency management personnel;

B. The department; and

C. Owners/operators and occupants of properties within one thousand feet (1,000') of any compliance monitoring well exhibiting concentrations above the limit(s) provided in paragraph (12)(D)8. of this rule; and

2. For concentrations of methane gas detected in structures on- or off-site above the limits in paragraph (12)(D)8. of this rule, immediately take all appropriate actions to mitigate the effects of methane gas accumulation in those structures until a permanent remediation is completed and concentrations remain below the limits. As determined by the department, these corrective actions may include, but are not limited to the following:

A. Emergency actions required by the fire department or local emergency management personnel to protect the health and safety of landfill personnel and the public;

B. Ventilate any confined spaces that may accumulate methane gas and install methane gas detectors in any major structures; and

C. Establish a temporary landfill gas monitoring program in affected structures using an increased monitoring frequency from the frequency in subsection (12)(D) of this rule.

(C) The department may establish alternative, more frequent, schedules for monitoring, notification, and implementation of corrective actions to protect the health and safety of landfill

personnel, the public, and the environment.

(D) Within seven (7) days of detection, submit to the department a report describing the notification process and steps taken to protect personnel and public health and safety.

(E) Within forty-five (45) days of detection, submit to the department for approval a corrective action plan signed and sealed by a licensed professional engineer to mitigate the methane gas migration. The plan shall investigate the reason for the migration, describe the nature and extent of the migration, and propose a remedy to correct the migration. The plan shall also include an evaluation of the existing gas collection and control system and an assessment of the leachate level in the landfill gas collection wells installed in the waste mass. Until the gas migration is halted, liquid levels in the landfill and gas collection and control system shall be monitored and maintained at a minimal level to ensure the system is capable of operating at its maximum performance.

(F) A corrective action FAI shall be established pursuant to 10 CSR 80-2.030(4)(C)2.

(G) While the landfill is experiencing ongoing methane gas migration, the owner/operator shall notify the department –

1. Within one (1) business day of discovering that the landfill gas collection and control system has been taken out of service for greater than twenty-four (24) hours due to damage or malfunction; and

2. At least seven (7) days in advance of any scheduled activity that requires the shutdown of the system for longer than twenty-four (24) hours. This notification is in addition to the reporting requirements of 40 CFR Part 60 Subpart XXX and 40 CFR Part 63 Subpart AAAA and shall be made to both the Air Pollution Control Program and the Waste Management Program.

(H) If upon completion of the department's review of the corrective action plan, the department finds the plan does not provide sufficient data to support the corrective actions proposed in the plan, the department shall deny the plan. Approval or disapproval must be granted by the department within fourteen (14) days of receipt. The landfill owner/operator shall submit a revised corrective action plan within thirty (30) days of the department's denial of the original corrective action plan.

(I) Once the corrective action plan has been approved by the department, the landfill owner/operator shall initiate the plan within one hundred twenty (120) days, or an alternative time frame approved or established by the department, monitor results of corrective actions taken, analyze and report to the department on the impact of corrective actions taken, and continue to propose and implement approved corrective actions until the methane gas concentrations remain below the limits in paragraph (12)(D)8. of this rule.

(J) When the methane gas concentrations in all compliance monitoring wells remain below limits provided in paragraph (12)(D)8. of this rule for longer than one (1) month, the landfill owner/operator may request a reduction in the gas monitoring frequency. If the methane gas concentrations remain below the limits for longer than three (3) months, the landfill owner/operator may petition the department to return to a quarterly landfill gas monitoring schedule. The schedule for corrective action implementation and completion of construction/installation, monitoring, analysis, and reporting of the results of any corrective actions shall be set by the department, based upon site-specific conditions and the corrective actions proposed.

(15) Vectors. The sanitary or demolition landfill owner/operator shall operate and maintain the landfill in a manner that

is unfavorable for the harboring, feeding, and breeding of vectors and immediately implement those procedures when vectors are observed. The landfill operations plan shall include contingency plans for vector control, and the owner/operator shall be prepared to immediately implement those procedures when vectors are first observed.

(16) Aesthetics.

(A) The owner/operator of any active sanitary or demolition landfill shall operate the landfill in an aesthetically acceptable manner.

(B) Wastes that are easily moved by wind shall be covered to prevent becoming airborne and scattered, and the landfill shall employ effective litter control methods and best management practices to prevent litter from travelling beyond the permit boundary. The landfill operations plan shall include a contingency plan for managing litter and the owner/operator shall promptly implement the procedures when scattered litter is first observed.

(C) On-site vegetation should be cleared only as necessary. Natural windbreaks, such as green belts, should be maintained to reduce noise, dust, and odors, and improve the appearance and operation of the landfill.

(17) Cover.

(A) Cover shall be applied at the sanitary or demolition landfill to minimize fire hazards, infiltration of precipitation, odors and blowing litter and waste, control gas venting and vectors, discourage scavenging, and provide a pleasing appearance.

(B) The owner/operator shall include in the landfill's operations plan a description of daily and intermediate cover to be placed over waste at the landfill and a closure/post-closure plan with the design and construction of a final cover system over each phase or cell as it reaches the approved final elevation, in accordance with this rule.

1. The operations plan shall include –

A. The proposed daily and intermediate cover sources and quantities;

B. A demonstration of the capability of the cover to perform the functions listed above; and

C. A description of the design, construction, and landfill operations to ensure active, intermediate, and final slopes shall not exceed thirty-three and one-third percent (33 1/3%).

2. The closure/post-closure plan shall include –

A. A description of how the landfill will be prepared for closure and the procedures to establish and maintain vegetative growth to combat erosion and improve appearance of idle and completed areas, including fertilizer rate, soil conditioning rate, seeding rate, and provisions for mulching;

B. Procedures to maintain intermediate and final cover integrity, for example, regrading and recovering;

C. Methods for borrow areas to be reclaimed on-site so as to restore aesthetic qualities and prevent excessive erosion;

D. Provisions for construction of the final slope of the top of the landfill to have a minimum slope of five percent (5%);

E. A design of the final side slopes that will not exceed twenty-five percent (25%) to minimize infiltration, promote run-off without excessive erosion, unless it has been demonstrated in a detailed slope stability analysis approved by the department that the slopes can be constructed and will be maintained throughout the entire operational life and post-closure period of the landfill;

F. Shear failure analyses where intermediate or final slopes exceed twenty-five percent (25%). The department will waive the analysis for slopes of twenty-five percent (25%) or

less, except in seismic impact zones;

G. The design and installation of the geomembrane layer, which is to be in intimate contact with the underlying compacted clay;

H. The proposed cover sources, quantities, and soil classifications (Unified Soil Classification System or United States Department of Agriculture classification system);

I. Maintenance programs and provisions, where necessary, for groundwater monitoring and monitoring and controlling methane gas and leachate;

J. The design and installation of the final cover system(s) and provisions for slope stability; and

K. A final cover system installation schedule as each phase of the landfill reaches approved elevations.

(C) Daily/Weekly Cover and Maintenance.

1. For active sanitary landfills, the owner/operator shall apply no less than six inches (6") of cover soil by the end of each operating day, regardless of weather, unless an alternative is approved by the department. The practice of peeling back and reusing cover soil is an approved practice so long as the method is contained in the operating plan and achieves the purposes for cover described in subsection (17)(A) of this rule. If the application of the approved practice does not meet these criteria, the department may revoke approval of a landfill's use of this practice. Sanitary landfills utilizing the practice of peel-back must place no less than six inches (6") of clean soil to cover waste at least once at the end of each operating week, regardless of weather, that cannot be peeled back. Sanitary landfills operating twenty-four (24) hours per day shall cover the waste at least once every twenty-four (24) hours.

2. Alternative daily cover.

A. An alternative daily cover may be approved by the department on a site-specific basis at an active sanitary landfill if the owner/operator demonstrates that the alternative material and the thickness applied achieves the purposes for cover described in subsection (17)(A) of this rule. If application of the approved alternative daily cover does not meet these criteria, the department may revoke approval of a landfill's use of this practice.

B. In the event the use of an alternative daily cover is approved by the department, the landfill owner/operator shall make all efforts to ensure that the use of alternative daily cover does not contribute to increased odor and leachate generation, litter and waste blowing from the working face, or attraction of vectors.

3. For active demolition landfills, no less than twelve inches (12") of cover soil shall be applied at least once at the end of each operating week or immediately before the facility closes if the facility is to be closed for more than twenty-four (24) hours.

(D) Final Cover Design and Construction.

1. The owner/operator shall include in the landfill's closure/post-closure plan the design and construction of a final cover system over each phase or cell as it reaches the approved final elevation in accordance with this rule.

A. For active landfills with composite liners, final cover shall be designed and constructed in composite layers, in order from top to bottom as follows:

(I) Two feet (2') of soil capable of sustaining vegetative growth;

(II) A drainage layer;

(III) A geomembrane liner at least as thick as the minimum thickness pursuant to paragraph (4)(B)16. of this rule; and

(IV) One foot (1') of compacted soil with a coefficient of permeability of 1×10^{-5} cm/sec or less.

B. For active landfills without composite liners, the final cover shall consist of at least two feet (2') of compacted soil with a coefficient of permeability of 1×10^{-5} cm/sec or less and overlaid by at least one foot (1') of soil capable of sustaining vegetative growth.

C. For active sanitary or demolition landfills constructed with composite liners, engineered synthetic turf covers may be approved by the department if the landfill owner/operator can demonstrate that the alternative final cover controls stormwater run-on and run-off and prevents disease, vectors, fire, odors, and blowing litter and waste, without presenting a threat to human health and the environment. Engineered synthetic turf cover systems shall be designed and constructed in composite layers, in order from top to bottom, as follows:

(I) A ballasting layer of at least one-half inch ($\frac{1}{2}$ ") of sand capable of preventing wind up-lift of the underlying synthetics or equivalent as approved by the department;

(II) An artificial turf layer;

(III) A drainage layer;

(IV) A geomembrane at least as thick as the minimum thickness pursuant to paragraph (4)(B)15. of this rule;

(V) One foot (1') of compacted soil with a coefficient of permeability of 1×10^{-5} cm/sec or less; and

(VI) One foot (1') of nominally compacted soil.

(E) For sanitary and demolition landfills –

1. Surface grades and side slopes shall be constructed and maintained to promote run-off without excessive erosion;

2. Re-grading and re-covering shall be performed as necessary, followed by re-establishing vegetation, to maintain landfill cover, slope, and integrity;

3. All final side slopes and the slope of the top of the landfill shall be constructed with provisions for slope stability and subsequently maintained to comply with the landfill's approved closure/post-closure plan;

4. Borrow areas shall be reclaimed in accordance with the approved closure/post-closure plan;

5. Vegetation shall be established within one (1) year or other schedule approved by the department. Vegetation will be maintained and re-established as necessary to achieve greater than eighty percent (80%) coverage to protect the landfill final cover and prevent surface water infiltration;

6. In areas of the landfill where waste has not been accepted for more than sixty (60) days, cover soil shall be increased to a total thickness of at least one foot (1') of compacted cover and the area seeded to encourage vegetative growth;

7. Final cover shall be constructed, installed, and maintained in accordance with the landfill's approved closure/post-closure plan; and

8. The department may approve the use of an alternative final cover system if the owner/operator can demonstrate to the department that the alternative design will be at least equivalent to the final cover system described in this rule.

(18) Compaction.

(A) In order to conserve airspace and minimize moisture infiltration and settlement, the active sanitary or demolition landfill owner/operator shall –

1. Compact the solid waste and cover to the smallest practicable volume;

2. Minimize the size of the working face; and

3. Maintain equipment and have it readily available on-site or arrange for equipment to be readily available for use to ensure uninterrupted operations.

(19) Safety.

(A) The sanitary or demolition landfill owner/operator shall

design, construct, operate, and maintain the landfill to protect the health and safety of landfill personnel and the public. Safety provisions shall be implemented at the landfill and adjusted as necessary to keep personnel and the public safe during operations.

(B) The landfill's operations plan shall include provisions to promote orderly operations and control access to and traffic on the landfill. Ingress and egress must be compatible with the surrounding transportation infrastructure and traffic patterns.

(C) Scavenging is prohibited at the landfill.

(D) The landfill owner/operator shall employ dust control provisions as necessary for safe operation, safe traffic flow, and to prevent a nuisance to the surrounding area.

(E) Adequate communications equipment shall be available for use by landfill personnel.

(F) The landfill owner/operator shall prepare a plan of procedures to implement in the event of emergencies that occur at the landfill, including but not limited to slope failure or firefighting. The plan shall be made available to landfill personnel to provide them with the appropriate emergency contact information and delegation of authority to implement during any emergency event.

(G) A fire extinguisher shall be present on all waste handling equipment.

(H) An area shall be established away from filled areas and the working face to dump hot loads or waste that is on fire and extinguish them.

(I) Any fire discovered in waste delivered to the landfill shall be extinguished away from the working face, whenever possible.

(J) Any surface fire discovered within the permit boundary, at the working face, a subsurface fire discovered at the landfill, or an oxidation or smoldering event (whether physical or chemical in nature) found at the landfill shall be extinguished immediately, and the landfill owner/operator shall notify the department as soon as it has been discovered.

(K) Any landfill that has accepted RACM shall have a certified asbestos inspector present whenever waste is excavated or disturbed at the facility.

(20) Records.

(A) The owner/operator of an active sanitary or demolition landfill shall maintain plans, addendums, as-built drawings, or other documents that describe the approved design, construction, operation, closure and post-closure care plans, and monitoring data for the landfill as specified by the department. These documents shall be kept available for use and reference on-site.

1. The landfill owner/operator shall describe the methods for creating and maintaining landfill records for operations and monitoring.

2. Records shall be maintained at the landfill office. Records five (5) years old or older may be stored electronically or at an alternate site if approved by the department, but shall be made available to the department upon request.

3. The landfill files may be maintained on electronic media and shall include the following records, at a minimum:

A. Copies of approved permit documents and current permits;

B. A description of major operational problems, complaints, or difficulties, and any corrective action(s) taken;

C. Gas monitoring results and any corrective action plans being implemented;

D. Any demonstration, certification, finding, monitoring, testing, or analytical data;

E. Housekeeping records to summarize efforts taken for

vector, dust, odor, and litter control;

F. Quantitative measurements of the solid waste disposed and an estimate of the air space remaining at the landfill. By January 31 on even numbered years the landfill owner/operator shall submit to the department two (2) copies of a current topographic map showing the horizontal and vertical limits of solid waste in the landfill along with the permit boundary. The map shall be prepared under the direction of a registered land surveyor or by aerial survey. The map shall be accompanied by a worksheet form provided by the department with an estimate of the airspace remaining at the time the measurements were taken;

G. Description, source, and volume of special wastes that are received and the Special Waste Disposal Request Form for each special waste that has been received, including chemical and analytical information or test results;

H. Any landfill design documentation for recirculation of leachate or gas condensate in a landfill, as applicable;

I. Closure and post-closure care plans and any associated monitoring, testing, or analytical data;

J. The most recently approved cost estimates and financial assurance documentation;

K. Inspection records and training procedures including screening for excluded wastes;

L. Records associated with tonnage fee; and

M. A report to the department that specifies the amount of solid waste received at the landfill for disposal from states other than Missouri. The report shall be submitted on or before January 31 of each calendar year and annually thereafter.

(B) Once a sanitary or demolition landfill ceases accepting waste, the landfill owner shall record the existence of the landfill with the recorder(s) of deeds in the county(ies) where the landfill is located. The owner may request permission from the department to remove the notation from the deed if all wastes are removed from the landfill.

1. The landfill owner/operator shall have a registered land surveyor prepare a survey and plat meeting the requirements of the current Minimum Standards of Property Boundary Survey (2 CSR 90) and a detailed description of the landfill. The survey plat and detailed description, at a minimum, shall contain the following information:

A. The name of the property owner as it appears on the property deed;

B. A detailed description of the property;

C. The general types of solid waste placed on-site and the locations and depths of waste within the landfill's permit boundary;

D. The location of any leachate collection system, gas collection and control system, and existing gas, surface water, and groundwater monitoring system(s) that shall be maintained after closure, and the length of time that these systems are to be maintained; and

E. The permitted name and permit number(s) of the landfill.

2. The owner/operator shall –

A. Submit to and obtain approval from the department on the survey plat and detailed description of waste;

B. Have the approved plat notarized by a lawful notary public;

C. File the approved survey plat and detailed waste description with the county recorder(s) of deeds within thirty (30) days of departmental approval; and

D. Submit to the department within thirty (30) days of the date of filing two (2) copies of the notarized and properly recorded plat and detailed waste description showing the recorder(s) of deeds' seal(s) or stamp(s), the book and page

numbers, and the date of filing.

(21) Research, Development, and Demonstration (RD&D) Permits and RD&D Permit Modifications for Sanitary Landfills.

(A) The department may issue a permit or a permit modification to allow an owner/operator to design, construct, operate, and maintain a sanitary landfill as an RD&D landfill utilizing innovative and new designs and/or operations that vary from specific criteria listed in this rule, provided the landfill systems are designed and operated in a manner that is consistent with all other sections of this rule, protective of human health and the environment, and the RD&D permit shall specify that –

1. The owner/operator must submit an annual report to the department demonstrating whether and to what extent the site is progressing in attaining project goals. The report also will include a summary of all monitoring and testing results, an evaluation of the monitoring results, as well as any other operating information specified in the RD&D permit;

2. Any permit issued under this section shall not exceed three (3) years, each renewal of a RD&D permit may not exceed three (3) years, and the total term for a RD&D permit for a project, including renewals, may not exceed twenty-one (21) years;

3. During RD&D permit renewal, the applicant shall provide a detailed assessment of the project demonstrating the status with respect to achieving project goals, a list of problems and status with respect to problem resolutions, and any other requirements that the department determines necessary for RD&D permit renewal.

(B) For a proposed RD&D permit at a new sanitary landfill, the design plans shall address all elements of landfill design, construction, operation, and maintenance outlined in this rule, with special consideration for the effects of increased moisture content of the waste mass, including potential for increased leachate and decomposition gas generation.

(C) For a proposed RD&D permit at an active sanitary landfill, the design plans shall include an assessment of all previously approved aspects of design, construction, operation, and maintenance. Sanitary landfill systems and components shall be redesigned, construction procedures shall be developed, and all operating, monitoring, and quality control plans shall be revised, as necessary, with special considerations for RD&D operations and the effects of increased moisture content of the waste mass, including potential for increased leachate and decomposition gas generation.

(D) In addition, each RD&D permit application shall include –

1. An explanation of the objectives of the RD&D project;

2. Detailed explanations of the methods and procedures that will be used to add liquids, if applicable;

3. Detailed water balance calculations;

4. Detailed construction QA/QC procedures for all liquids addition systems;

5. A detailed operating and maintenance plan prepared as an addendum to the landfill's operations plan, which includes –

A. Operating procedures for all RD&D systems and other systems whose operation could be affected by the increased moisture, including, but not limited to –

(I) All liquids addition systems;

(II) Leachate management systems;

(III) Landfill gas collection and control systems; and

(IV) Stormwater run-on and run-off control systems;

and

B. A detailed plan for inspecting all landfill control and

monitoring systems and maintaining accurate records of each inspection;

6. Provisions for leak testing of the geomembrane component of the composite liner system following installation;

7. Facility designs that maintain a depth of leachate of less than one foot (1') on the landfill liner; and

8. A description of the types and quantities of municipal solid waste and non-hazardous wastes to be accepted for the purposes of determining the efficacy and performance capabilities of the technology or process.

(E) The department may order an immediate termination of RD&D operations at the facility allowed under this section or other corrective measures at any time the department determines that the overall goals of the project are not being attained, including protection of human health or the environment.

(22) Special Waste Landfills.

(A) Should an owner/operator request to permit a special waste landfill, the owner/operator shall include a demonstration of what sections of this rule, 10 CSR 80-2.015, 10 CSR 80-2.020, and 10 CSR 80-2.030 are and are not applicable to the landfill, as well as a detailed discussion explaining how that determination was made. The department will evaluate and decide whether the demonstration provided is adequate. For special waste landfills in operation at the time of the effective date of this rule, the landfill owner/operator has ninety (90) days after the effective date of this rule to submit a demonstration stating which parts of the rules are applicable and providing a detailed discussion explaining the rationale for excluding certain requirements. The department will evaluate the demonstration and determine whether a modification is necessary.

(B) The department may require any special waste landfill owner/operator to design, construct, operate, modify, close, and maintain the landfill in accordance with any sanitary landfill requirement necessary to ensure the protection of human health and the environment.

(C) The modification shall meet the requirements of 10 CSR 80-2.020(4) and the department may grant, if requested by the landfill owner/operator, a schedule of compliance of up to five (5) years.

Appendix I – Constituents for Detection Monitoring for Sanitary Landfills	
Common Name	N/A
Indicator Constituents	N/A
Chemical Oxygen Demand (COD in milligrams per liter (mg/l))	N/A
Chlorides (Cl, (mg/l))	N/A
pH (units)	N/A
Specific Conductance (Conductivity at twenty-five degrees Celsius (25°C) in micromhos per centimeter (µmho/cm))	N/A
Total Dissolved Solids (TDS, (mg/l))	N/A

Inorganic Constituents	N/A
Ammonia (mg/l)	Total
Antimony (µg/l)	Total
Arsenic (µg/l)	Total
Barium (µg/l)	Total
Beryllium (µg/l)	Total
Boron (µg/l)	Total
Cadmium (µg/l)	Total
Calcium (mg/l)	Total
Chromium (µg/l)	Total
Cobalt (µg/l)	Total
Copper (µg/l)	Total
Fluoride (mg/l)	Total
Hardness (calculated, mg/l)	Total
Lead (µg/l)	Total
Magnesium (mg/l)	Total
Manganese (µg/l)	Total
Nickel (Ni, mg/l)	Total
Nitrate/Nitrite (mg/l)	Total
Phosphorus (mg/l)	Total
Selenium (µg/l)	Total
Silver (µg/l)	Total

Inorganic Constituents	N/A
Sodium (mg/l)	Total
Sulfate (mg/l)	Total
Thallium (µg/l)	Total
Total Organic Carbon (TOC, mg/l)	Total
Vanadium (µg/l)	Total
Zinc (µg/l)	Total

Organic Constituents	CAS RN
Acetone	67-64-1
Acrylonitrile	107-13-1
Benzene	71-43-2
Bromochloromethane	74-97-5
Bromodichloromethane	75-27-4
Bromoform; Tribromomethane	75-25-2
Carbon disulfide	75-15-0
Carbon tetrachloride	56-23-5
Chlorobenzene	108-90-7
Chloroethane; Ethyl chloride	75-00-3
Chloroform; Trichloromethane	67-66-3
Dibromochloromethane; Chlorodibromomethane	124-48-1
1,2-Dibromo-3-chloropropane; DBCP	96-12-8
1,2-Dibromoethane; Ethylene dibromide; EDB	106-93-4
o-Dichlorobenzene; 1,2-Dichlorobenzene	95-50-1
p-Dichlorobenzene; 1,4-Dichlorobenzene	106-46-7
trans-1,4-Dichloro-2-butene	110-57-6
1,1-Dichloroethane; Ethylidene chloride	75-34-3
1,2-Dichloroethane; Ethylene dichloride	107-06-2
1,1-Dichloroethylene; 1,1-Dichloroethene; Vinylidene chloride	75-35-4
cis-1,2-Dichloroethylene; cis-1,2-Dichloroethene	156-59-2
trans-1,2-Dichloroethylene; trans-1,2-Dichloroethene	156-60-5
1,2-Dichloropropane; Propylene dichloride	78-87-5

Organic Constituents	CAS RN
cis-1,3-Dichloropropene	10061-01-5
trans-1,3-Dichloropropene	10061-02-6
Ethylbenzene	100-41-4
2-Hexanone; Methyl butyl ketone	591-78-6
Methyl bromide; Bromomethane	74-83-9
Methyl chloride; Chloromethane	74-87-3
Methylene bromide; Dibromomethane	74-95-3
Methylene chloride; Dichloromethane	75-09-2
Methyl ethyl ketone; MEK; 2-Butanone	78-93-3
Methyl iodide; Iodomethane	74-88-4
4-Methyl-2-pentanone; Methyl isobutyl ketone (MIBK)	108-10-1
Styrene	100-42-5
1,1,1,2-Tetrachloroethane	630-20-6
1,1,2,2-Tetrachloroethane	79-34-5
Tetrachloroethylene; Tetrachloroethene; - Perchloroethylene (PCE)	127-18-4
Toluene	108-88-3
1,1,1-Trichloroethane; Methylchloroform	71-55-6
1,1,2-Trichloroethane	79-00-5
Trichloroethylene; Trichloroethene (TCE)	79-01-6
Trichlorofluoromethane; CFC-11	75-69-4
1,2,3-Trichloropropane	96-18-4
Vinyl acetate	108-05-4
Vinyl chloride (VC)	75-01-4
Xylenes (total)	1330-20-7

Appendix II – Constituents for Assessment Monitoring for Sanitary Landfills		
Common Name	CAS RN	Chemical abstracts service index name
Acenaphthene	83-32-9	Acenaphthylene, 1,2-dihydro-
Acenaphthylene	208-96-8	Acenaphthylene
Acetone	67-64-1	2-Propanone
Acetonitrile; Methyl cyanide	75-05-8	Acetonitrile
Acetophenone	98-86-2	Ethanone, 1-phenyl-
2-Acetylaminofluorene; 2-AAF	53-96-3	Acetamide, N-9H-fluoren-2-yl-
Acrolein	107-02-8	2-Propenal
Acrylonitrile	107-13-1	2-Propenenitrile
Aldrin	309-00-2	1,4:5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-(1,4,4a,5,8,8a)-
Allyl chloride	107-05-1	1-Propene, 3-chloro-
4-Aminobiphenyl	92-67-1	[1,1'-Biphenyl]-4-amine
Anthracene	120-12-7	Anthracene
Antimony	(Total)	Antimony
Arsenic	(Total)	Arsenic
Barium	(Total)	Barium
Benzene	71-43-2	Benzene
Benzo[a]anthracene; Benzanthracene	56-55-3	Benz[a]anthracene
Benzo[b]fluoranthene	205-99-2	Benz[e]acephenanthrylene
Benzo[k]fluoranthene	207-08-9	Benzo[k]fluoranthene
Benzo[ghi]perylene	191-24-2	Benzo[ghi]perylene
Benzo[a]pyrene	50-32-8	Benzo[a]pyrene
Benzyl alcohol	100-51-6	Benzenemethanol
Beryllium	(Total)	Beryllium
alpha-BHC	319-84-6	Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1 α ,2 α ,3 β ,4 α ,5 β ,6 β)-
beta-BHC	319-85-7	Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1 α ,2 β ,3 α ,4 β ,5 α ,6 β)-

Appendix II – Constituents for Assessment Monitoring for Sanitary Landfills		
delta-BHC	319-86-8	Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1 α ,2 α ,3 α ,4 β ,5 α ,6 β)-
gamma-BHC; Lindane	58-89-9	Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1 α ,2 α , 3 β , 4 α ,5 α ,6 β)-
Bis(2-chloroethoxy)methane	111-91-1	Ethane, 1,1'-[methylenebis (oxy)]bis [2-chloro-
Bis(2-chloroethyl) ether; Dichloroethyl ether	111-44-4	Ethane, 1,1'-oxybis[2-chloro-
Bis(2-chloro-1-methylethyl) ether; 2,2'-Dichlorodiisopropyl ether; DCIP	See Note 3.	Propane, 2,2'-oxybis[1-chloro-
Bis(2-ethylhexyl) phthalate	117-81-7	1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl)ester
Bromochloromethane; Chlorobromomethane	74-97-5	Methane, bromochloro-
Bromodichloromethane;	75-27-4	Methane, bromodichloro-
Bromoform; Tribromomethane	75-25-2	Methane, tribromo-
4-Bromophenylphenyl ether	101-55-3	Benzene, 1-bromo-4-phenoxy-
Butyl benzyl phthalate; Benzyl butyl phthalate	85-68-7	1,2-Benzenedicarboxylic acid, butyl phenylmethyl ester
Cadmium	(Total)	Cadmium
Carbon disulfide	75-15-0	Carbon disulfide
Carbon tetrachloride	56-23-5	Methane, tetrachloro-
Chlordane	See Note 4.	4,7-Methano-1H-indene,1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-
p-Chloroaniline	106-47-8	Benzenamine, 4-chloro-
Chlorobenzene	108-90-7	Benzene, chloro-
Chlorobenzilate	510-15-6	Benzenoacetic acid, 4-chloro-(4-chlorophenyl)-hydroxy-, ethyl ester
p-Chloro-m-cresol; 4-Chloro-3-methylphenol	59-50-7	Phenol, 4-chloro-3-methyl-
Chloroethane; Ethyl chloride	75-00-3	Ethane, chloro-
Chloroform; Trichloromethane	67-66-3	Methane, trichloro-

Appendix II – Constituents for Assessment Monitoring for Sanitary Landfills		
2-Chloronaphthalene	91-58-7	Naphthalene, 2-chloro-
2-Chlorophenol	95-57-8	Phenol, 2-chloro-
4-Chlorophenyl phenyl ether	7005-72-3	Benzene, 1-chloro-4-phenoxy-
Chloroprene	126-99-8	1,3-Butadiene, 2-chloro-
Chromium	(Total)	Chromium
Chrysene	218-01-9	Chrysene
Cobalt	(Total)	Cobalt
Copper	(Total)	Copper
m-Cresol; 3-methylphenol	108-39-4	Phenol, 3-methyl-
o-Cresol; 2-methylphenol	95-48-7	Phenol, 2-methyl-
p-Cresol; 4-methylphenol	106-44-5	Phenol, 4-methyl-
Cyanide	57-12-5	Cyanide
2,4-D; 2,4-Dichlorophenoxyacetic acid	94-75-7	Acetic acid, (2,4-dichlorophenoxy)-
4,4'-DDD	72-54-8	Benzene 1,1'-(2,2-dichloroethylidene) bis[4-chloro-
4,4'-DDE	72-55-9	Benzene, 1,1'-(dichloroethenylidene) bis[4-chloro-
4,4'-DDT	50-29-3	Benzene, 1,1'-(2,2,2-trichloroethylidene) bis[4-chloro-
Diallate	2303-16-4	Carbamothioic acid, bis(1-methylethyl)-, S- (2,3-dichloro-2-propenyl) ester.
Dibenz[a,h]anthracene	53-70-3	Dibenz[a,h]anthracene
Dibenzofuran	132-64-9	Dibenzofuran
Dibromochloromethane; Chlorodibromomethane	124-48-1	Methane, dibromochloro-
1,2-Dibromo-3-chloropropane;DBCP	96-12-8	Propane, 1,2-dibromo-3-chloro-
1,2-Dibromoethane; Ethylene dibromide; EDB	106-93-4	Ethane, 1,2-dibromo-
Di-n-butyl phthalate	84-74-2	1,2-Benzenedicarboxylic acid, dibutyl ester

Appendix II – Constituents for Assessment Monitoring for Sanitary Landfills		
o-Dichlorobenzene; 1,2-Dichlorobenzene	95-50-1	Benzene, 1,2-dichloro-
m-Dichlorobenzene; 1,3-Dichlorobenzene	541-73-1	Benzene, 1,3-dichloro-
p-Dichlorobenzene; 1,4-Dichlorobenzene	106-46-7	Benzene, 1,4-dichloro-
3,3'-Dichlorobenzidine	91-94-1	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dichloro-
trans-1,4-Dichloro-2-butene	110-57-6	2-Butene, 1,4-dichloro-, (E)-
Dichlorodifluoromethane; CFC 12;	75-71-8	Methane, dichlorodifluoro-
1,1-Dichloroethane; Ethyldidenechloride	75-34-3	Ethane, 1,1-dichloro-
1,2-Dichloroethane; Ethylenedichloride	107-06-2	Ethane, 1,2-dichloro-
1,1-Dichloroethylene; 1,1-Dichloroethene;	75-35-4	Ethene, 1,1-dichloro-
Vinylidene chloride; cis-1,2-Dichloroethylene; cis-1,2-Dichloroethene	156-59-2	Ethene, 1,2-dichloro-(Z)-
trans-1,2-Dichloroethylene trans-1,2-Dichloroethene	156-60-5	Ethene, 1,2-dichloro-, (E)-
2,4-Dichlorophenol	120-83-2	Phenol, 2,4-dichloro-
2,6-Dichlorophenol	87-65-0	Phenol, 2,6-dichloro-
1,2-Dichloropropane;	78-87-5	Propane, 1,2-dichloro-
1,3-Dichloropropane; Trimethylene dichloride	142-28-9	Propane, 1,3-dichloro-
2,2-Dichloropropane; Isopropylidene chloride	594-20-7	Propane, 2,2-dichloro-
1,1-Dichloropropene	563-58-6	1-Propene, 1,1-dichloro-
cis-1,3-Dichloropropene	10061-01-5	1-Propene, 1,3-dichloro-, (Z)-
trans-1,3-Dichloropropene	10061-02-6	1-Propene, 1,3-dichloro-, (E)-
Dieldrin	60-57-1	2,7:3,6-Dimethanonaphth [2,3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a, 7,7a-

Appendix II – Constituents for Assessment Monitoring for Sanitary Landfills		
		octahydro-, (1 α , 2 β , 2 α , 3 β , 6 β , 6 α , 7 β , 7 α)-
Diethyl phthalate	84-66-2	1,2-Benzenedicarboxylic acid, diethyl ester
O,O-Diethyl O-2-pyrazinyl, phosphorothioate; Thionazin	297-97-2	Phosphorothioic acid, O,O-diethyl O-pyrazinyl ester
Dimethoate	60-51-5	Phosphorodithioic acid, O,O-dimethyl S-[2-(methylamino)-2-oxoethyl] ester
p-(Dimethylamino)azobenzen	60-11-7	Benzenamine, N,N-dimethyl-4-(phenylazo)-
7,12-Dimethylbenz[a]nthrane	57-97-6	Benz[a]anthracene, 7,12-dimethyl-
3,3'-Dimethylbenzidine	119-93-7	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dimethyl-
alpha, alpha-Dimethylphenethylamine	122-09-8	Benzeneethanamine, α,α -dimethyl-
2,4-Dimethylphenol; m-Xylenol	105-67-9	Phenol, 2,4-dimethyl-
Dimethyl phthalate	131-11-3	1,2-Benzenedicarboxylic acid, dimethyl ester
m-Dinitrobenzene	99-65-0	Benzene, 1,3-dinitro-
4,6-Dinitro-o-cresol 4,6-Dinitro-2-methylphenol	534-52-1	Phenol, 2-methyl-4,6-dinitro-
2,4-Dinitrophenol;	51-28-5	Phenol, 2,4-dinitro-
2,4-Dinitrotoluene	121-14-2	Benzene, 1-methyl-2,4-dinitro-
2,6-Dinitrotoluene	606-20-2	Benzene, 2-methyl-1,3-dinitro-
Dinoseb; DNBP; 2-sec-Butyl-4,6-dinitrophenol	88-85-7	Phenol, 2-(1-methylpropyl)-4,6-dinitro-
Di-n-octyl phthalate	117-84-0	1,2-Benzenedicarboxylic acid, dioctyl ester
Diphenylamine	122-39-4	Benzenamine, N-phenyl-
Disulfoton	298-04-4	Phosphorodithioic acid, O,O-diethyl S-[2-(ethylthio)ethyl] ester
Endosulfan I	959-98-8	6,9-Methano-2,4,3-benzodioxathiepin, 6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-hexahydro-, 3-oxide,
Endosulfan II	33213-65-9	6,9-Methano-2,4,3-benzodioxathiepin, 6,7,8,9,10,10-hexachloro- 1,5,5a,6,9,9a-hexahydro-, 3-oxide, (3 α , 5 α , 6 β , 9 β , 9 α)-

Appendix II – Constituents for Assessment Monitoring for Sanitary Landfills		
Endosulfan sulfate	1031-07-8	6,9-Methano-2,4,3-benzodioxathiepin, 6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-hexahydro-, 3,3-dioxide
Endrin	72-20-8	2,7:3,6-Dimethanonaphth[2,3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1a α , 2 β ,2a β , 3 α ,6 α ,6a β ,7 β ,7a α)-
Endrin aldehyde	7421-93-4	1,2,4-Methenocyclo-penta[cd]pentalene-5-carboxaldehyde,2,2a,3,3,4,7-hexachlorodecahydro-(1 α ,2 β ,2a β ,4 β ,4a β ,5 β ,6a β ,6b β ,7R*)-
Ethylbenzene	100-41-4	Benzene, ethyl-
Ethyl methacrylate	97-63-2	2-Propenoic acid, 2-methyl-, ethyl ester
Ethyl methanesulfonate	62-50-0	Methanesulfonic acid, ethyl ester
Famphur	52-85-7	Phosphorothioic acid, O-[4-[(dimethylamino)sulfonyl]phenyl]-O,O-dimethyl ester
Fluoranthene	206-44-0	Fluoranthene
Fluorene	86-73-79	9H-Fluorene
Heptachlor	76-44-8	4,7-Methano-1H-indene,1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-
Heptachlor epoxide	1024-57-3	2,5-Methano-2H-indeno[1,2-b]oxirene, 2,3,4,5,6,7,7-heptachloro-1a,1b,5,5a,6,6a,-hexahydro-,(1a α ,1b β ,2 α ,5 α ,5a β ,6 β ,6a α)
Hexachlorobenzene	118-74-1	Benzene, hexachloro-
Hexachlorobutadiene	87-68-3	1,3-Butadiene, 1,1,2,3,4,4-hexachloro-
Hexachlorocyclopentadiene	77-47-4	1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro-
Hexachloroethane	67-72-1	Ethane, hexachloro-
Hexachloropropene	1888-71-7	1-Propene, 1,1,2,3,3,3-hexachloro-
2-Hexanone; Methyl butyl ketone	591-78-6	2-Hexanone
Indeno(1,2,3-cd)pyrene	193-39-5	Indeno[1,2,3-cd]pyrene
Isobutyl alcohol	78-83-1	1-Propanol, 2-methyl-

Appendix II – Constituents for Assessment Monitoring for Sanitary Landfills		
Isodrin	465-73-6	1,4,5,8-Dimethanonaphthalene,1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a hexahydro-(1 α , 4 α , 4a β ,5 β ,8 β ,8a β)-
Isophorone	78-59-1	2-Cyclohexen-1-one, 3,5,5-trimethyl-
Isosafrole	120-58-1	1,3-Benzodioxole, 5-(1-propenyl)-
Kepone	143-50-0	1,3,4-Metheno-2H-cyclobuta-[cd]pentalen-2-one, 1,1a,3,3a,4,5,5,5a,5b,6-decachlorooctahydro-
Lead	(Total)	Lead
Mercury	(Total)	Mercury
Methacrylonitrile	126-98-7	2-Propenenitrile, 2-methyl-
Methapyrilene	91-80-5	1,2,Ethanediamine, N,N-dimethyl-N'-2-pyridinyl-N'-(2-thienylmethyl)-
Methoxychlor	72-43-5	Benzene, 1,1'-(2,2,2,trichloroethylidene)bis [4-methoxy-
Methyl bromide; Bromomethane	74-83-9	Methane, bromo-
Methyl chloride; Chloromethane	74-87-3	Methane, chloro-
3-Methylcholanthrene	56-49-5	Benz[j]aceanthrylene, 1,2-dihydro-3-methyl-
Methyl ethyl ketone; MEK; 2-Butanone	78-93-3	2-Butanone
Methyl iodide; Iodomethane	74-88-4	Methane, iodo-
Methyl methacrylate	80-62-6	2-Propenoic acid, 2-methyl-, methyl ester
Methyl methanesulfonate	66-27-3	Methanesulfonic acid, methyl ester
2-Methylnaphthalene	91-57-6	Naphthalene, 2-methyl-
Methyl parathion; Parathion methyl	298-00-0	Phosphorothioic acid, O,O-dimethyl
4-Methyl-2-pentanone; Methyl isobutyl ketone	108-10-1	2-Pentanone, 4-methyl-
Methylene bromide; Dibromomethane	74-95-3	Methane, dibromo-

Appendix II – Constituents for Assessment Monitoring for Sanitary Landfills		
Methylene chloride; Dichloromethane	75-09-2	Methane, dichloro-
Naphthalene	91-20-3	Naphthalene
1,4-Naphthoquinone	130-15-4	1,4-Naphthalenedione
1-Naphthylamine	134-32-7	1-Naphthalenamine
2-Naphthylamine	91-59-8	2-Naphthalenamine
Nickel	(Total)	Nickel
o-Nitroaniline; 2-Nitroaniline	88-74-4	Benzenamine, 2-nitro-
m-Nitroaniline; 3-Nitroaniline	99-09-2	Benzenamine, 3-nitro-
p-Nitroaniline; 4-Nitroaniline	100-01-6	Benzenamine, 4-nitro-
Nitrobenzene	98-95-3	Benzene, nitro-
o-Nitrophenol; 2-Nitrophenol	88-75-5	Phenol, 2-nitro-
p-Nitrophenol; 4-Nitrophenol	100-02-7	Phenol, 4-nitro-
N-Nitrosodi-n-butylamine	924-16-3	1-Butanamine, N-butyl-N-nitroso-
N-Nitrosodiethylamine	55-18-5	Ethanamine, N-ethyl-N-nitroso-
N-Nitrosodimethylamine	62-75-9	Methanamine, N-methyl-N-nitroso-
N-Nitrosodiphenylamine	86-30-6	Benzenamine, N-nitroso-N-phenyl-
N-Nitrosodipropylamine;N-nitroso-N-dipropylamine Di-n-propylnitrosamine	621-64-7	1-Propanamine, N-nitroso-N-propyl-
N-Nitrosomethylethylamine	10595-95-6	Ethanamine, N-methyl-N-nitroso-
N-Nitrosopiperidine	100-75-4	Piperidine, 1-nitroso-
N-Nitrosopyrrolidine	930-55-2	Pyrrolidine, 1-nitroso-
5-Nitro-o-toluidine	99-55-8	Benzenamine, 2-methyl-5-nitro-
Parathion	56-38-2	Phosphorothioic acid, O,O-diethyl-O-(4-nitrophenyl) ester
Pentachlorobenzene	608-93-5	Benzene, pentachloro-
Pentachloronitrobenzene	82-68-8	Benzene, pentachloronitro-
Pentachlorophenol	87-86-5	Phenol, pentachloro-
Phenacetin	62-44-2	Acetamide, N-(4-ethoxyphenyl)
Phenanthrene	85-01-8	Phenanthrene
Phenol	108-95-2	Phenol

Appendix II – Constituents for Assessment Monitoring for Sanitary Landfills		
p-Phenylenediamine	106-50-3	1,4-Benzenediamine
Phorate	298-02-2	Phosphorodithioic acid, O,O-diethyl S-[(ethylthio)methyl] ester
Polychlorinated biphenyls; PCBs;-Aroclors	See Note 5.	1,1'-Biphenyl, chloro derivatives
Pronamide	23950-58-5	Benzamide, 3,5-dichloro-N-(1,1-dimethyl-2-propynyl)-
Propionitrile; Ethyl cyanide	107-12-0	Propanenitrile
Pyrene	129-00-0	Pyrene
Safrole	94-59-7	1,3-Benzodioxole, 5-(2-propenyl)-
Selenium	(Total)	Selenium
Silver	(Total)	Silver
Silvex; 2,4,5-TP	93-72-1	Propanoic acid, 2-(2,4,5-trichlorophenoxy)-
Styrene	100-42-5	Benzene, ethenyl-
Sulfide	18496-25-8	Sulfide
2,4,5-T;2,4,5-Trichlorophenoxyacetic-acid	93-76-5	Acetic acid, (2,4,5- trichlorophenoxy)-
1,2,4,5-Tetrachlorobenzene	95-94-3	Dibenzo[b,e][1,4]dioxin, 2,3,7,8-tetrachloro-
1,1,1,2-Tetrachloroethane	630-20-6	Ethane, 1,1,1,2-tetrachloro-
1,1,2,2-Tetrachloroethane	79-34-5	Ethane, 1,1,2,2-tetrachloro-
Tetrachloroethylene; Tetra-chloroethene; Perchloroethylene	127-18-4	Ethene, tetrachloro-
2,3,4,6-Tetrachlorophenol	58-90-2	Phenol, 2,3,4,6-tetrachloro-
Thallium	(Total)	Thallium
Tin	(Total)	Tin
Toluene	108-88-3	Benzene, methyl-
o-Toluidine	95-53-4	Benzenamine, 2-methyl-
Toxaphene	See Note 6.	Toxaphene
1,2,4-Trichlorobenzene	120-82-1	Benzene, 1,2,4-trichloro-
1,1,1-Trichloroethane; Methylchloroform	71-55-6	Ethane, 1,1,1-trichloro-

Appendix II – Constituents for Assessment Monitoring for Sanitary Landfills		
1,1,2-Trichloroethane	79-00-5	Ethane, 1,1,2-trichloro-
Trichloroethylene; Trichloroethene	79-01-6	Ethene, trichloro-
Trichlorofluoromethane; CFC-11	75-69-4	Methane, trichlorofluoro-
2,4,5-Trichlorophenol	95-95-4	Phenol, 2,4,5-trichloro-
2,4,6-Trichlorophenol	88-06-2	Phenol, 2,4,6-trichloro-
1,2,3-Trichloropropane	96-18-4	Propane, 1,2,3-trichloro-
0,0,0-Triethyl phosphorothioate	126-68-1	Phosphorothioic acid, O,O,O-triethyl ester
sym-Trinitrobenzene	99-35-4	Benzene, 1,3,5-trinitro-
Vanadium	(Total)	Vanadium
Vinyl acetate	108-05-4	Acetic acid, ethenyl ester
Vinyl chloride; Chloroethene	75-01-4	Ethene, chloro-
Xylene (total)	See Note 7.	Benzene, dimethyl-
Zinc	(Total)	Zinc

Appendix III – Constituents for Detection Monitoring for Demolition Landfills	
Common Name	N/A
Indicator Constituents	N/A
Aluminum (µg/l)	Total
Ammonia (mg/l)	Total
Antimony (µg/l)	Total
Arsenic (µg/l)	Total
Barium (µg/l)	Total
Beryllium (mg/l)	Total
Boron (µg/l)	Total
Cadmium (µg/l)	Total
Calcium (mg/l)	Total
Chemical Oxygen Demand (COD, mg/l)	Total
Chloride (mg/l)	Total
Chromium (µg/l)	Total
Cobalt (µg/l)	Total

Appendix III – Constituents for Detection Monitoring for Demolition Landfills	
Copper (µg/l)	Total
Fluoride (mg/l)	Total
Hardness (calculated, mg/l)	Total
Iron (µg/l)	Total
Lead (µg/l)	Total
Magnesium (mg/l)	Total
Manganese (µg/l)	Total
Mercury (µg/l)	Total
Nickel (mg/l)	Total
pH (units)	
Potassium (mg/l)	Total
Selenium (µg/l)	Total
Silver (µg/l)	Total
Sodium (mg/l)	Total
Specific Conductance (Conductivity at 25°C, mho/cm)	Total
Sulfate (mg/l)	Total
Thallium (µg/l)	Total
Total Dissolved Solids (TDS, mg/l)	Total
Total Organic Carbon (TOC, mg/l)	Total
Total Organic Halogens (TOX, mg/l)	Total
Zinc (µg/l)	Total

Appendix IV – Constituents for Assessment Monitoring for Demolition Landfills	
Common Name	N/A
Inorganic Constituents	N/A
Nitrate/Nitrite	Total
Phosphorus	Total
Vanadium	Total
Zinc	Total

Organic Constituents	CAS RN
Acetone	67-64-1

Organic Constituents	CAS RN
Acrylonitrile	107-13-1
Benzene	71-43-2
Bromochloromethane	74-97-5
Bromodichloromethane	75-27-4
Bromoform; Tribromomethane	75-25-2
Carbon disulfide	75-15-0
Carbon tetrachloride	56-23-5
Chlorobenzene	108-90-7
Chloroethane; Ethyl chloride	75-00-3
Chloroform; Trichloromethane	67-66-3
Dibromochloromethane; Chlorodibromomethane	124-48-1
1,2-Dibromo-3-chloropropane; DBCP	96-12-8
1,2-Dibromoethane; Ethylene dibromide; EDB	106-93-4
o-Dichlorobenzene; 1,2-Dichlorobenzene	95-50-1
p-Dichlorobenzene; 1,4-Dichlorobenzene	106-46-7
trans-1,4-Dichloro-2-butene	110-57-6
1,1-Dichloroethane; Ethylidene chloride	75-34-3
1,2-Dichloroethane; Ethylene dichloride	107-06-2
1,1-Dichloroethylene; 1,1-Dichloroethene; Vinylidene chloride	75-35-4
cis-1,2-Dichloroethylene; cis-1,2-Dichloroethene	156-59-2
trans-1,2-Dichloroethylene; trans-1,2-Dichloroethene	156-60-5
1,2-Dichloropropane; Propylene dichloride	78-87-5
cis-1,3-Dichloropropene	10061-01-5
trans-1,3-Dichloropropene	10061-02-6
Ethylbenzene	100-41-4
2-Hexanone; Methyl butyl ketone	591-78-6
Methyl bromide; Bromomethane	74-83-9
Methyl chloride; Chloromethane	74-87-3
Methylene bromide; Dibromomethane	74-95-3
Methylene chloride; Dichloromethane	75-09-2
Methyl ethyl ketone; MEK; 2-Butanone	78-93-3
Methyl iodide; Iodomethane	74-88-4

Organic Constituents	CAS RN
4-Methyl-2-pentanone; Methyl isobutyl ketone	108-10-1
Styrene	100-42-5
1,1,1,2-Tetrachloroethane	630-20-6
1,1,2,2-Tetrachloroethane	79-34-5
Tetrachloroethylene; Tetrachloroethene; Per-chloroethylene	127-18-4
Toluene	108-88-3
1,1,1-Trichloroethane; Methylchloroform	71-55-6
1,1,2-Trichloroethane	79-00-5
Trichloroethylene; Trichloroethene	79-01-6
Trichlorofluoromethane; CFC-11	75-69-4
1,2,3-Trichloropropane	96-18-4
Vinyl acetate	108-05-4
Vinyl chloride	75-01-4
Xylenes	1330-20-7

Notes

1. The regulatory requirements pertain only to the list of substances.
2. Common names are those widely used in government regulations, scientific publications, and commerce; synonyms exist for many chemicals.
3. This substance is often called Bis(2-chloroisopropyl) ether, the name Chemical Abstracts Service applies to its noncommercial isomer, Propane, 2,2'-oxybis, 2-chloro- (CAS RN 39638-32-9).
4. Chlordane: This entry includes alpha-chlordane (CAS RN 5103-71-9), beta-chlordane (CAS RN 5103-74-2), gamma-chlordane (CAS RN 5566-34-7), and constituents of chlordane (CAS RN 57-74-9 and CAS RN 12789-03-6).
5. Polychlorinated biphenyls (CAS RN 1336-36-3); this category contains congener chemicals, including constituents of Aroclor 1016 (CAS RN 12674-11-2), Aroclor 1221 (CAS RN 11104-28-2), Aroclor 1232 (CAS RN 11141-16-5), Aroclor 1242 (CAS RN 53469-21-9), Aroclor 1248 (CAS RN 12672-29-6), Aroclor 1254 (CAS RN 11097-69-1), and Aroclor 1260 (CAS RN 11096-82-5).
6. Toxaphene: This entry includes congener chemicals contained in technical toxaphene (CAS RN 8001-35-2), e.g., chlorinated camphene.
7. Xylene (total): This entry includes o-xylene (CAS RN 96-47-6), m-xylene (CAS RN 108-38-3), p-xylene (CAS RN 106-42-3), and unspecified xylenes (dimethylbenzenes) (CAS RN 1330-20-7).

AUTHORITY: section 260.225, RSMo 2016. Original rule filed Dec. 11, 1973, effective Dec. 21, 1973. For intervening history, please consult the **Code of State Regulations**. Rescinded and readopted: Filed July 7, 2026.

PUBLIC COST: This proposed rule will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed rule will cost private entities \$1,557,634 in the aggregate.

NOTICE OF PUBLIC HEARING AND NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed rule with the Missouri Department of Natural Resources, PO Box 176, Jefferson City, MO 65102-0176. To be considered, comments must be received by September 29, 2026. A public hearing is scheduled for 10 a.m., September 22, 2026, at Bennett Springs Conference Room, 1730 East Elm St., Jefferson City, MO 65101.

FISCAL NOTE**PRIVATE COST****I. RULE NUMBER**

Rule Number and Name	<i>10 CSR 80-3.010, Design and Operation</i>
Type of Rulemaking	Proposed Rule

II. SUMMARY OF FISCAL IMPACT

Estimate of the number of entities by class which would likely be affected by the adoption of the proposed rule action:	Classification by types of the business entities which would likely be affected:	Estimate in the aggregate as to the cost of compliance with the proposed rule action by the affected entities:
17+ 2	Sanitary + Demolition Landfills	\$20,976.00.
2	Demolition Landfills	\$1,232,794.00
5	Special Waste Landfills	\$3,864.00 + \$300,000.00

The Department is filing the amendment as a rescission and adoption per direction from JCAR and SOS. The Department is required to account for each “new” cost when filing a rulemaking. There are costs that private entities already pay and have been in place since the last amendment in 2019. These costs were included in the fiscal note(s) for the 2019 amendment in Vol. 43 Missouri Register No. 15 and the department believes those costs of compliance have been accurate. While the Department acknowledges any cost of the rule re-proposed rule could be considered “new”, double counting costs for rules already in place prior to rescission will not yield accurate figures for future actual cost determinations. Therefore, this fiscal note includes only truly new costs that will be placed on private entities that are in addition to the current cost of compliance under the current rule.

III. WORKSHEET

Demolition Landfills – Active Gas Extraction Systems
 2 sites * \$616,397.00 per site = \$1,232,794.00

Demolition and Sanitary Waste Landfills – Gas Spike Calculations Per Cell
 19 sites*24 hrs *\$46.00=\$20,976.00.

Special Waste Landfills – Demonstration

The Department assumes that for some special waste landfills, the demonstration will be a short letter (4 sites * 1 hour * \$46/hr = \$184.00), for others this will be a long document (1 site * 80 hour * \$46/hr = \$3,680.00).
 $\$3,680.00 + \$184.00 = \$3,864.00$ Total

Special Waste Landfills – Groundwater Monitoring

Initial Cost for each facility = Report (\$25,000) + Piezometer (10*\$5,000) + 1 year Monitoring (10*\$2,000) + Groundwater well installation cost (8*\$10,000) = \$150,000 .00
2 facilities that need to install groundwater monitoring * \$150,000 = \$300,000.00 initial cost for both facilities

Recurring Annual Cost = Annual groundwater sampling and analysis cost (8*\$2,000) + Annual groundwater monitoring and maintenance (\$13,700) = \$29,700.00

IV. ASSUMPTIONS

The Department assumed a state rate of pay for a professional engineer of \$46.00 per hour including fringe.

The Department determined the number of landfills based on the landfills listed on the State of Missouri website that become listed when they become active.

The Department determined the numbers of Closed and Inactive landfills based on the Missouri Solid Waste Management Map.

10 CSR 80 – 3.010 (13)(A)The owner/operator of a sanitary or demolition landfill that has an approved landfill gas collection and control system prior to the effective date of this rule shall continue to operate pursuant to the approved plan. Any landfill for which the department determines there is a need for a landfill gas collection and control system or a revision to an approved system, and all new landfills, shall submit a landfill gas collection and control system design in accordance with this section. Landfills receiving waste on or after the effective date of this rule shall prevent the migration of landfill gases through the use of an active gas collection and control system.

Assumptions

- The Department assumes that active demolition landfills have monitoring systems in place, thus wouldn't result in a financial impact.
- The Department assumes that the two sites (Pink Hill and Rock Hill) do not have active extraction systems in place.
- The Department assumes that for the 2 demolition landfills required to design and install active gas extraction systems, on average it will cost them \$616,397.00 per site. See attached *Form A* used to estimate the cost.
- The cost estimate for each facility is based on the Financial Assurance Instruments (FAI) submitted by the regulated entities detailing the cost for installing gas systems.
- Any new demolition landfill opening will have to comply with this requirement and the costs associated.

- The Department assumes no increase in cost for sanitary landfills as they are required to do so with the existing regulations.
- This amendment would shift the requirement of designing approved landfill gas monitoring to the construction permit application from requiring them to do so if they had gas migration issues or if they went over the limit by Air regulation. The Department assumes that the cost of the installation of these will be shifted from throughout the life of the landfill to the beginning stages.

2 sites * \$616,397.00 per site = \$1,232,794.00

10 CSR 80 - 3.010 (13) (B) 2. B. Calculations estimating the maximum potential gas generation at the landfill and the length of time over which gas may be generated, calculations verifying design and flow capacity [over the intended use] of the gas collection and control system over the intended use of the system, and estimating when gas control will need to be implemented for each portion of the landfill;

Assumptions

- The Department assumes that regulated entities (Sanitary and Demolition Landfills) already guess when gas will spike overall, this new requirement will be for them to estimate when it will spike for each portion/cell of the landfill. This will add time to each calculation.
- 24 hours per landfill = 12 phases * 2 hours

19 sites*24 hours *\$46.00=\$20,976.00.

10 CSR 80 – 3.010 (22) (A) Should an owner/operator request to permit a special waste landfill, the owner/operator shall include a *[list identifying]* **demonstration of** what sections of this rule, *[and as appropriate]* **10 CSR 80-2.015, 10 CSR 80-2.020, and 10 CSR 80-2.030** are and are not applicable to the landfill, as well as a detailed discussion explaining how that determination was made. **The department will evaluate and decide whether the demonstration provided is adequate.** For special waste landfills in operation at the time of the effective date of this rule, the *[facility]/landfill owner/operator* has until June 1, 2025 to submit a **demonstration** stating which parts of *[this rule]* **the rules** are applicable and **providing** a detailed discussion explaining the rationale *[and]* for excluding certain requirements. **The department will evaluate the demonstration and determine whether a modification is necessary.**

Assumptions

- The Department assumes that for some special waste landfills, the demonstration will be a short letter (4 sites * 1 hour * \$46/hr = \$184.00), for others this will be a long document (1 site * 80 hour * \$46/hr = \$3,680.00).
\$3,680.00 + \$184.00 = \$3,864.00 Total
- This text pulls special waste landfills into the requirements to install groundwater monitoring.
 - 3 sites already have groundwater monitoring installed
 - 2 sites will need to install groundwater monitoring

Groundwater well installation cost estimate = \$10,000 per well
Piezometer installation costs = \$5,000 per well
Annual groundwater sampling and analysis cost = \$2,000 per well
Annual groundwater monitoring and system maintenance and statistics cost =
\$13,700 per year (Estimate from Financial Assurance Instrument worksheets)

Assumptions:

- Average of 8 groundwater monitoring wells per facility
- Average of 10 piezometer per facility (to monitor and determine the groundwater flow direction)
- Report: Estimated cost for report to establish ground water monitoring program (where to place the wells and determining the underground water flow direction by monitoring for 1 year) \$25,000 per facility. This report is normally completed during Detailed Site Investigation prior to construction but these facilities already exists.
- Recurring annual costs are for the life of the facility plus the post closure period (30 years)

Math:

- Initial Cost for each facility = Report (\$25,000) + Piezometer (10*\$5,000) + 1 year Monitoring (10*\$2,000) + Groundwater well installation cost (8*\$10,000) = \$150,000
- 2 facilities that need to install groundwater monitoring * \$150,000 = \$300,000 initial cost for both facilities
- Recurring Annual Cost = Annual groundwater sampling and analysis cost (8*\$2000) + Annual groundwater monitoring and maintenance (\$13,700) = \$29,700

TITLE 12 – DEPARTMENT OF REVENUE
Division 10 – Director of Revenue
Chapter 108 – Sales/Use Tax – Taxable Services

PROPOSED AMENDMENT

12 CSR 10-108.700 Lease or Rental of Tangible Personal Property. The department is amending sections (3) and (4).

PURPOSE: This amendment adds when tax is to be assessed on deliveries.

(3) Basic Application of the Tax.

(B) Subleases—When property is leased for the purpose of subleasing and the original lessor did not pay tax on its purchase, the sublessor has the option of either paying tax on its lease payments[,] or claiming a resale exemption and collecting tax on its subsequent sublease of the property.

1. If the sublessor pays tax on its lease or rental, the sublease of the property is not subject to tax.

2. If the sublessor makes a claim of exemption from tax based on resale, the amount charged for sublease of the tangible personal property is subject to tax.

3. The election to pay tax on the rental must be made at the time the property is first rented to the sublessor. If the tax is not paid on the property at that time, the sublease payments are subject to tax.

(D) Sale and leaseback transactions – Transactions structured as sales and leasebacks will be treated as nontaxable financing transactions if: (i) the seller-lessee previously purchased the tangible personal property and paid tax on the purchase price; (ii) the “lease” transaction creates a security interest (see below) in the property; and (iii) the purchaser-lessor holds no ownership interest in the property, other than the security interest, and does not claim any deduction, credit, or exemption with respect to the property for federal or state income tax purposes. All three (3) of these elements must be present, or the transaction will be treated as a sale and subsequent lease[,] and taxed as any other sale and lease.

1. Whether the transaction creates a security interest in the property depends on the intent of the parties. If the lessee becomes the owner of the property for no additional consideration or for nominal consideration after all of the agreed lease payments are made, then there is a presumption that the transaction creates a security interest. If the lessee must pay more than nominal consideration to acquire title and ownership to the property after all the agreed lease payments are made, then the agreement will be considered to create a security interest in the property only if four (4) or more of following factors are present:

A. The lessee is required to insure the property in favor of the lessor;

B. The lessee bears the risk of loss or damage;

C. The lessee is required to pay for taxes, repairs, and maintenance;

D. The agreement establishes default provisions governing acceleration and resale;

E. The warranties that usually apply to true leases of such property are expressly disclaimed and excluded;

F. The lease term is equal to or exceeds the economic life of the property; or

G. The lease payments equal or exceed the purchase price of the property plus interest.

(J) Delivery – If the delivery fees include both the delivery of the rented item(s) and the pickup of the item(s), the fee is taxable. If the delivery and the pickup fees are separately

stated, only the pickup fee is taxable.

(4) Examples.

(I) Same facts as subsection (4)(H) except the sale and leaseback agreement expressly provides that the leasing company is entitled to all deductions, credits, and other tax benefits provided under federal tax law to the owner of the property. The leasing company claims a depreciation deduction with respect to the medical device. The sale and leaseback agreement will be treated as a sale and a subsequent lease[,] and taxed as any other sale and lease.

(J) An appliance store purchases a washing machine from a manufacturer[,] and presents a resale exemption certificate to the manufacturer. The store subsequently leases the washing machine to a customer pursuant to a “lease-purchase” agreement. Under the agreement, the customer may purchase the washing machine at any time[,] by paying the agreed purchase price. Any lease payments paid by the customer will reduce the purchase price. The lease payments and the purchase option price are both subject to tax.

AUTHORITY: section 144.020, RSMo Supp. [2001] 2025. Original rule filed April 1, 2002, effective Oct. 30, 2002. Amended: Filed July 14, 2026.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Missouri Department of Revenue, Legislative Office, 301 West High Street, Room 218, Jefferson City, MO 65105-0475. To be considered, comments must be received within thirty (30) days after publication of this notice in the Missouri Register. No public hearing is scheduled.

TITLE 15 – ELECTED OFFICIALS
Division 30 – Secretary of State
Chapter 12 – Grievance Procedures

PROPOSED AMENDMENT

15 CSR 30-12.010 Statewide HAVA Grievance Procedure. The secretary is amending sections (3), (4), and (10), deleting section (8), renumbering as needed, and adding new sections (11) and (12).

PURPOSE: This amendment clarifies the procedure for filing a HAVA complaint and establishes the procedure for an alternative dispute resolution process in accordance with federal law.

(3) Any complaint filed under this rule must be filed within thirty (30) days of the certification of the election in which the violation is alleged to have occurred, **unless the alleged violation is ongoing in nature, in which case the complaint must be filed within six (6) months of the date of discovery of the alleged violation. The complaint shall be filed with the Elections Division.**

(4) The complaint filed under section (1) of this rule shall state

the following:

(B) A description of the act or acts that the person filing the complaint believes is a violation of a provision of Title III of HAVA; *[and]*

(C) The nature of the injury suffered (or is about to be suffered) by the person filing the complaint; **and**

(D) The date the alleged violation occurred or, in the case of an alleged ongoing violation, the date the violation was discovered.

[(8) At the request of the person filing the complaint, or if the presiding officer believes that the circumstances so dictate, the presiding officer shall conduct a hearing on the complaint and prepare a record on the hearing, such hearing to be conducted within ten (10) days of the request of the person filing the complaint.]

[(9)](8) The presiding officer, upon completing the investigation, shall submit the results to the Elections Division, which shall then issue a written report. The Elections Division shall provide a copy of the report by certified mail to:*]-*

(A) The person who filed the complaint;

(B) The person or persons alleged to have committed the violation; and

(C) The election authority in whose jurisdiction the violation was alleged to have occurred.

[(10)](9) The report described in section (8) of this rule shall:*]-*

(A) Indicate the date when the complaint was received by the Elections Division;

(B) Contain findings of fact regarding the alleged violation and state whether a violation of Title III of HAVA has occurred;

(C) State what steps, if any, the person or persons alleged to have committed the violation has taken to correct the violation and/or to prevent any reoccurrence;

(D) Suggest any additional measures that could be taken to correct the violation;

(E) Indicate the date a violation was corrected or is expected to be corrected; *[and]*

(F) Provide any additional information or recommendations useful in resolving the complaint; **and**

(G) Be published on the secretary of state's website.

[(11)](10) If the Elections Division determines that there is a violation of any provision of Title III of HAVA, the Elections Division shall determine and provide the appropriate remedy, if authorized to do so. If the Elections Division determines that it is not authorized by law to provide the appropriate remedy, the Elections Division shall, if possible, refer the matter to the appropriate agency or office that has jurisdiction.

(11) If the Elections Division fails to render a final written report within ninety (90) days after the complaint was filed, or within any extension to which the complainant consents, the complaint shall be resolved by alternative dispute resolution as provided in this section. In such cases, the secretary of state shall forward the record and other materials from any proceedings conducted under the complaint procedures to a panel of three (3) individuals consisting of two (2) local election authorities and one (1) designee from the secretary of state's office. The panel must issue a final written report within sixty (60) days of receiving the record created during the complaint process.

(12) The secretary of state's office may recover costs from a complainant if the complaint is found to be frivolous,

groundless, or vexatious.

AUTHORITY: section 28.035, RSMo [Supp. 2003] 2016. Original rule filed Sept. 19, 2003, effective May 30, 2004. Amended: Filed July 9, 2026.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Elections Division of the Office of Secretary of State by email at elections@sos.mo.gov or mail at PO Box 1276, Jefferson City, MO 65102. To be considered, comments must be received within thirty (30) days after publication of this notice in the Missouri Register. No public hearing is scheduled.

TITLE 15 – ELECTED OFFICIALS Division 30 – Secretary of State Chapter 12 – Grievance Procedures

PROPOSED RULE

15 CSR 30-12.020 HAVA Hearing Procedure

PURPOSE: This rule describes the procedure for requesting and conducting a HAVA hearing.

(1) At the request of the person filing the complaint, or if the presiding officer believes that the circumstances so dictate, the presiding officer shall conduct a hearing on the complaint and prepare a record on the hearing, such hearing to be conducted within forty-five (45) days of the filing of the complaint. The request for such a hearing by the person filing the complaint must be made in writing at the same time the complaint is filed. The presiding officer must notify the parties of the time, date, and location of the hearing at least ten (10) days before the hearing.

(2) The presiding officer must be fair and impartial, but may be appointed from within the secretary of state's office. If a complaint alleges HAVA violations against the secretary of state's office, the secretary may appoint a presiding officer from another state or local government agency, including but not limited to the Missouri Attorney General's Office, the Auditor's Office, or a local election authority.

(3) A complainant's failure to appear at the hearing shall constitute a waiver of the right to a hearing.

(4) The hearing shall be recorded by either an audio and/or visual recording device, at the option of the presiding officer. No transcription shall be made as a matter of course. Any party or interested person may obtain a copy of the audio or video recording at his/her own expense. If a transcript is produced at the expense of a party, a copy of the same must be filed with the secretary of state, Elections Division and be included in the official record of the proceedings. Parties and the public shall be prohibited from making their own recordings, including taking photographs or videos, unless the presiding officer

approves such recordings.

(5) The presiding officer will preside over the hearing for the purpose of making factual determinations and recommendations. Generally, the presiding officer will have broad discretion, and is not bound by technical rules of evidence. Hearsay and affidavits may be accepted if material and relevant. The following is a non-exhaustive list of the presiding officer's powers:

- (A) Conduct a prehearing conference, if deemed appropriate;
- (B) Permit or deny the parties' requested witness(es) to testify;
- (C) Call a witness or witnesses to testify if deemed appropriate, even if said witness(es) were not requested by either party;
- (D) Exclude a potential witness or potential witnesses, unless a party to the proceedings, from being physically present at the hearing or accessing a virtual hearing prior to testifying;
- (E) Allow the parties the equal opportunity to present witness testimony, question, and/or cross-examine (a) witness(es);
- (F) Limit questioning and/or cross examination of (a) witness(es);
- (G) Question and/or cross examine (a) witness(es) directly;
- (H) Allow parties to introduce documentary or other evidence through (a) witness(es);
- (I) Accept and exclude evidence;
- (J) In the case of consolidated complaints, require parties on either or both sides of the dispute to designate a single party to advocate for their side at the hearing; and
- (K) Determine applicable deadlines for the submission of any written testimony, briefs; or
- (L) Exercise other such powers as necessary to conduct an efficient hearing.

(6) A party may submit written testimony in lieu of oral testimony. If submitting written testimony, the presiding officer shall determine the deadline for submission.

AUTHORITY: section 28.035, RSMo [Supp. 2003] 2016. Original rule filed July 9, 2026.

PUBLIC COST: This proposed rule will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed rule will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed rule with the Elections Division of the Office of Secretary of State by email at elections@sos.mo.gov or mail at PO Box 1276, Jefferson City, MO 65102. To be considered, comments must be received within thirty (30) days after publication of this notice in the Missouri Register. No public hearing is scheduled.

**TITLE 15 – ELECTED OFFICIALS
Division 30 – Secretary of State
Chapter 14 – Election Contributions**

PROPOSED AMENDMENT

15 CSR 30-14.010 Campaign Contribution Limits. The secretary is amending section (1).

PURPOSE: This amendment adjusts the campaign contribution limits as required by Article 8, Section 23, of the Missouri Constitution.

(1) Notwithstanding Article III, Section 2(c), the campaign contribution limits set forth in Article VIII, Section 23.3, as adjusted pursuant to Article VIII, Section 23.3(18) are as follows:

(A) By any person, other than the candidate, to a candidate running for governor, lieutenant governor, secretary of state, state treasurer, state auditor, attorney general, office of state senator, office of state representative, or any other state of judicial office under Article VIII, Section 23.3(1), *[two thousand eight hundred twenty-five dollars (\$2,825)] three thousand two hundred twenty-five dollars (\$3,225);*

(B) By any person to a political party for any state, county, municipal, district, ward, or township level election under Article VIII, Section 23.3(2)(a), *[twenty-seven thousand four hundred dollars (\$27,400)] thirty-one thousand four hundred twenty-five dollars (\$31,425); and*

(C) By any committee to a political party for any state, county, municipal, district, ward, or township level election under Article VIII, Section 23.3(2)(b), *[twenty-seven thousand four hundred dollars (\$27,400)] thirty-one thousand four hundred twenty-five dollars (\$31,425).*

AUTHORITY: Mo. Const. Article VIII, Section 23(18). Emergency rule filed March 20, 2019, effective March 30, 2019, expired Jan. 8, 2020. Original rule filed March 20, 2019, effective Sept. 30, 2019. Amended: Filed May 19, 2022, effective Jan 1, 2023. Amended: Filed July 9, 2026.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Securities Division of the Office of Secretary of State by email at elections@sos.mo.gov or mail at PO Box 1276, Jefferson City, MO 65102. To be considered, comments must be received within thirty (30) days after publication of this notice in the Missouri Register. No public hearing is scheduled.

**TITLE 20 – DEPARTMENT OF
COMMERCE AND INSURANCE
Division 2063 – Behavior Analyst
Advisory Board
Chapter 4 – Education and Training Requirements**

PROPOSED AMENDMENT

20 CSR 2063-4.005 Education and Training Requirements. The board is amending the purpose statement and adding section (2).

PURPOSE: This amendment updates the education and training requirements for provisionally licensed behavior analysts and provisionally licensed assistant behavior analysts.

PURPOSE: This rule establishes the education and training requirements for licensed behavior analysts [and], licensed

assistant behavior analysts, provisionally licensed behavior analysts, and provisionally licensed assistant behavior analysts, pursuant to section 337.310, RSMo.

(2) Applicants for licensure as a provisional behavior analyst or provisional assistant behavior analyst shall also meet the education requirements required for eligibility to sit for the certification examination for their respective level offered by the certifying entity as defined in 20 CSR 2063-1.010, but shall not be required to have completed supervised clinical experience, taken the examination, or been certified as a board-certified behavior analyst or a board-certified assistant behavior analyst prior to obtaining a provisional license.

AUTHORITY: section 337.310.1(3), RSMo [Supp. 2010] 2016. Emergency rule filed Nov. 30, 2010, effective Dec. 10, 2010, expired June 7, 2011. Original rule filed Nov. 30, 2010, effective May 30, 2011. Amended: Filed July 9, 2026.

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will cost private entities more than five hundred dollars (\$500) in the aggregate.

*NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Behavior Analyst Advisory Board, PO Box 1335, Jefferson City, MO 65102, by facsimile at (573) 526-0661, or via email at scop@pr.mo.gov. To be considered, comments must be received within thirty (30) days after publication of this notice in the **Missouri Register**. No public hearing is scheduled.*

This section will contain the final text of the rules proposed by agencies. The order of rulemaking is required to contain a citation to the legal authority upon which the order or rulemaking is based; reference to the date and page or pages where the notice of proposed rulemaking was published in the *Missouri Register*; an explanation of any change between the text of the rule as contained in the notice of proposed rulemaking and the text of the rule as finally adopted, together with the reason for any such change; and the full text of any section or subsection of the rule as adopted that has been changed from the text contained in the notice of proposed rulemaking. The effective date of the rule shall be not less than thirty (30) days after the date of publication of the revision to the *Code of State Regulations*.

The agency is also required to make a brief summary of the general nature and extent of comments submitted in support of or opposition to the proposed rule and a concise summary of the testimony presented at the hearing, if any, held in connection with the rulemaking, together with a concise summary of the agency's findings with respect to the merits of any such testimony or comments that are opposed in whole or in part to the proposed rule. The ninety-(90-) day period during which an agency shall file its order of rulemaking for publication in the *Missouri Register* begins either: 1) after the hearing on the proposed rulemaking is held; or 2) at the end of the time for submission of comments to the agency. During this period, the agency shall file with the secretary of state the order of rulemaking, either putting the proposed rule into effect, with or without further changes, or withdrawing the proposed rule.

TITLE 7 – MISSOURI DEPARTMENT OF TRANSPORTATION

Division 10 – Missouri Highways and Transportation Commission

Chapter 10 – Contractor Performance Rating to Determine Responsibility

ORDER OF RULEMAKING

By the authority vested in the Missouri Highways and Transportation Commission under sections 226.020, 226.130, 227.030, and 227.105, RSMo 2016, the commission amends a rule as follows:

7 CSR 10-10.010 Definitions is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on March 16, 2026 (51 MoReg 397-398). No changes have been made to the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

TITLE 7 – MISSOURI DEPARTMENT OF TRANSPORTATION

Division 10 – Missouri Highways and Transportation Commission

Chapter 10 – Contractor Performance Rating to Determine Responsibility

ORDER OF RULEMAKING

By the authority vested in the Missouri Highways and Transportation Commission under sections 226.020, 226.130, 227.030, and 227.100, RSMo 2016, the commission amends a rule as follows:

7 CSR 10-10.020 Explanation of Contractor Performance Rating System is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on March 16, 2026 (51 MoReg 399). No changes have been made to the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

TITLE 7 – MISSOURI DEPARTMENT OF TRANSPORTATION

Division 10 – Missouri Highways and Transportation Commission

Chapter 10 – Contractor Performance Rating to Determine Responsibility

ORDER OF RULEMAKING

By the authority vested in the Missouri Highways and Transportation Commission under sections 226.020, 226.130, 227.030, and 227.100, RSMo 2016, the commission rescinds a rule as follows:

7 CSR 10-10.030 Rating Categories for Evaluating the Performance of a Contractor is rescinded.

A notice of proposed rulemaking containing the proposed rescission was published in the *Missouri Register* on March 16, 2026 (51 MoReg 399). No changes have been made to the proposed rescission, so it is not reprinted here. This proposed rescission becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

TITLE 7 – MISSOURI DEPARTMENT OF TRANSPORTATION

Division 10 – Missouri Highways and Transportation Commission

Chapter 10 – Contractor Performance Rating to Determine Responsibility

ORDER OF RULEMAKING

By the authority vested in the Missouri Highways and Transportation Commission under sections 226.020, 226.130, 227.030, and 227.105, RSMo 2016, the commission rescinds a rule as follows:

7 CSR 10-10.040 Contractor Performance Project Evaluation Used For Determining Contractor Performance **is rescinded.**

A notice of proposed rulemaking containing the proposed rescission was published in the *Missouri Register* on March 16, 2026 (51 MoReg 399-400). No changes have been made to the proposed rescission, so it is not reprinted here. This proposed rescission becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**TITLE 7 – MISSOURI DEPARTMENT OF
TRANSPORTATION
Division 10 – Missouri Highways and
Transportation Commission
Chapter 10 – Contractor Performance Rating to
Determine Responsibility**

ORDER OF RULEMAKING

By the authority vested in the Missouri Highways and Transportation Commission under sections 226.020, 226.130, 227.030, and 227.105, RSMo 2016, the commission rescinds a rule as follows:

7 CSR 10-10.050 Procedure and Schedule for Completing the Contractor Performance Project Evaluation **is rescinded.**

A notice of proposed rulemaking containing the proposed rescission was published in the *Missouri Register* on March 16, 2026 (51 MoReg 400). No changes have been made to the proposed rescission, so it is not reprinted here. This proposed rescission becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**TITLE 7 – MISSOURI DEPARTMENT OF
TRANSPORTATION
Division 10 – Missouri Highways and
Transportation Commission
Chapter 10 – Contractor Performance Rating to
Determine Responsibility**

ORDER OF RULEMAKING

By the authority vested in the Missouri Highways and Transportation Commission under sections 226.020, 226.130, 227.030, and 227.105, RSMo 2016, the commission rescinds a rule as follows:

7 CSR 10-10.060 Explanation of Standard Deviation Rating System for All Contractors **is rescinded.**

A notice of proposed rulemaking containing the proposed rescission was published in the *Missouri Register* on March 16, 2026 (51 MoReg 400). No changes have been made to the proposed rescission, so it is not reprinted here. This proposed rescission becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**TITLE 7 – MISSOURI DEPARTMENT OF
TRANSPORTATION
Division 10 – Missouri Highways and
Transportation Commission
Chapter 10 – Contractor Performance Rating to
Determine Responsibility**

ORDER OF RULEMAKING

By the authority vested in the Missouri Highways and Transportation Commission under sections 226.020, 226.130, 227.030, and 227.105, RSMo 2016, the commission rescinds a rule as follows:

7 CSR 10-10.070 Procedure for Annual Rating of Contractors **is rescinded.**

A notice of proposed rulemaking containing the proposed rescission was published in the *Missouri Register* on March 16, 2026 (51 MoReg 400-401). No changes have been made to the proposed rescission, so it is not reprinted here. This proposed rescission becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**TITLE 7 – MISSOURI DEPARTMENT OF
TRANSPORTATION
Division 10 – Missouri Highways and
Transportation Commission
Chapter 10 – Contractor Performance Rating to
Determine Responsibility**

ORDER OF RULEMAKING

By the authority vested in the Missouri Highways and Transportation Commission under sections 226.020, 226.130, 227.030, and 227.105, RSMo 2016, the commission rescinds a rule as follows:

7 CSR 10-10.080 Determination of Nonresponsibility **is rescinded.**

A notice of proposed rulemaking containing the proposed rescission was published in the *Missouri Register* on March 16, 2026 (51 MoReg 401). No changes have been made to the proposed rescission, so it is not reprinted here. This proposed rescission becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**TITLE 7 – MISSOURI DEPARTMENT OF
TRANSPORTATION
Division 10 – Missouri Highways and
Transportation Commission
Chapter 10 – Contractor Performance Rating to**

Determine Responsibility**ORDER OF RULEMAKING**

By the authority vested in the Missouri Highways and Transportation Commission under sections 226.020, 226.130, 227.030, and 227.105, RSMo 2016, the commission amends a rule as follows:

7 CSR 10-10.090 Reservation of Rights to Recommend or Declare Persons or Contractors Nonresponsible on Other Grounds **is amended.**

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on March 16, 2026 (51 MoReg 401). No changes have been made to the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

TITLE 10 – DEPARTMENT OF NATURAL RESOURCES
Division 23 – Well Installation
Chapter 2 – Fee Structure, Certification, and
Registration

ORDER OF WITHDRAWAL

By the authority vested in the Well Installation Board under sections 256.606, 256.614, 256.623, and 256.626, RSMo 2016, the board withdraws a proposed amendment as follows:

10 CSR 23-2.010 Fee Structure **is withdrawn.**

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on February 17, 2026 (51 MoReg 302-309), with an In Addition correction published in the *Missouri Register* on March 2, 2026 (51 MoReg 370). This proposed amendment is withdrawn.

SUMMARY OF COMMENTS: The Missouri Department of Natural Resources' Missouri Geological Survey's Geological Survey Program's Well Installation Section received comments and concerns from the Missouri Joint Committee on Administrative Rules regarding the rule as proposed.

RESPONSE: As a result, the Missouri Department of Natural Resources is withdrawing this rulemaking.

TITLE 13 – DEPARTMENT OF SOCIAL SERVICES
Division 35 – Children's Division
Chapter 35 – Alternative Care

ORDER OF RULEMAKING

By the authority vested in the Department of Social Services, Children's Division, under sections 207.020 and 660.017, RSMo 2016, and section 210.112.8, RSMo Supp. 2025, the division amends a rule as follows:

13 CSR 35-35.130 is amended.

A notice of proposed rulemaking containing the text of

the proposed amendment was published in the *Missouri Register* on April 15, 2026 (51 MoReg 512-517). Those sections with changes are reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: The Children's Division received two (2) comments on the proposed amendment.

COMMENT #1: Rachael Lynn, with the Children's Division, requested clarification regarding entities responsible for appropriation allocations. The current phrasing in 13 CSR 35-35.130(7) referring to "public and private contractors" is ambiguous. Ms. Lynn suggested clarifying that "public" refers specifically to the state agency to avoid confusion. Proposed revision: "Increases or decreases will be allocated to both the state agency and private contractors of such services."

RESPONSE AND EXPLANATION OF CHANGE: Section (7) will be amended to include the suggested language in the proposed revision included in the comment.

COMMENT #2: Paula Fleming, President & CEO of Missouri Alliance for Children and Families, submitted a comment containing three (3) recommendations for consideration on behalf of Children's Permanency Partnership, Crittenton Children's Center/St. Luke's, KVC Missouri, St. Louis Partners, and Missouri Alliance for Children and Families. These recommendations relate to formal notice expectations and defined implementation timelines when referral volumes, case allocations, or base caseloads are materially increased or decreased. Ms. Fleming recommended that section (5) be amended to provide: 1) in the event of an increase in referrals, an implementation period of approximately 30 to 90 days, depending on the scale of the increase, unless emergency circumstances require otherwise; 2) the same 30- to 90-day planning window when cases are shifted from one region or provider to another; and 3) a reasonable period of time elapse before permanent case reductions occur through a contract amendment when referrals decline and the division is unable to replace cases on a one-for-one basis. These recommendations were made in the spirit of strengthening implementation and to support smoother transitions, strengthen provider readiness, preserve service quality, support the division when changes become necessary, and to ultimately better serve Missouri children and families.

RESPONSE AND EXPLANATION OF CHANGE: Subsection (5)(A) will be amended to include language to address each of the concerns expressed in the comment regarding implementation periods in situations where there are necessary case reductions due to referral decline, case increases, and cases shifting regionally.

13 CSR 35-35.130 Contracted Foster Care Case Management Costs

(5) The contract shall specify the monthly amount which is to be paid to the contractor based on the number of cases awarded unless payment has been reduced for reasons specified in this regulation. The contract may include a provision that the parties to the contract may amend the contract to increase or decrease the rate if authorized by statute or appropriation.

(A) CD shall refer the number of cases in the Notice of Award to the contractor when cases are available. CD shall refer additional cases, when available, throughout the contract year with the intention of replacing cases which are expected to move to permanency each month based on the percentage of children who are to achieve permanency as identified in

the contract. CD reserves the right to increase the number of referrals during subsequent renewal periods when the number of children entering CD's custody increases in the geographic region served by the contractor with the agreement of the contractor. CD will decrease the number of referrals in a region when CD cannot replace cases on a one-for-one basis. The provider's base case award shall be decreased, which shall be effectuated through a contract amendment. CD in its discretion may shift case allocations to another region where there is a greater need and may increase another provider's base caseload, which shall be effectuated through a contract amendment. CD and the contractor will mutually agree upon the implementation period when necessary to meet service needs or address emergency circumstances. Implementation periods identified within the applicable contract amendment for increases or decreases to a contractor's base case award will generally range from thirty (30) to ninety (90) days, depending upon operational needs, staffing considerations, provider capacity, and regional service demands of both CD and the contractor.

(7) Changes to reimbursements for services in addition to the contracted amounts will be based upon available increased or decreased appropriations for services specifically included in the case management contract. Increases or decreases will be allocated to both the state agency and private contractors of such services. Any increase or decrease will result in an increase or decrease to the monthly case rate paid to the contractor. The allocation shall be calculated using a numerator equal to the contractor's base case award and a denominator equal to the total number of cases served statewide at the point in time the calculation is performed. The resulting proportion shall determine the contractor's share of the increased or decreased appropriation. The division shall be allocated the residual amount of the appropriation after contractor allocations are calculated, such that the total sum of all allocations equals the total available appropriation. Any increase or decrease in appropriations will only be expended for the purposes specified by the General Assembly. The proportional methodology described in this section shall not apply when the General Assembly directs a different methodology through bill language, budget language, or other instruction. Under no circumstances shall the Department of Social Services and the Children's Division's aggregate, total expenditure for foster care case management services contracts exceed the amount appropriated by the General Assembly for that purpose nor shall it exceed the funds available.

**TITLE 20 – DEPARTMENT OF COMMERCE
AND INSURANCE**

**Division 200 – Insurance Solvency and Company
Regulation
Chapter 9 – Third-Party Administrators (TPAs)**

ORDER OF RULEMAKING

By the authority vested in the Department of Commerce and Insurance, under sections 374.045 and 376.1095, RSMo 2016, the director amends a rule as follows:

20 CSR 200-9.800 Annual Filings Due by March 1 is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on

April 1, 2026 (51 MoReg 458-459). No changes have been made to the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

**TITLE 20 – DEPARTMENT OF COMMERCE
AND INSURANCE**

**Division 2110 – Missouri Dental Board
Chapter 2 – General Rules**

ORDER OF RULEMAKING

By the authority vested in the Missouri Dental Board under section 332.031, RSMo 2016, the board amends a rule as follows:

20 CSR 2110-2.120 Dental Assistants is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on March 16, 2026 (51 MoReg 406). No changes have been made to the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received by the board.

**TITLE 20 – DEPARTMENT OF COMMERCE
AND INSURANCE**

**Division 2110 – Missouri Dental Board
Chapter 2 – General Rules**

ORDER OF RULEMAKING

By the authority vested in the Missouri Dental Board under section 332.031, RSMo 2016, the board amends a rule as follows:

20 CSR 2110-2.130 Dental Hygienists is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on March 16, 2026 (51 MoReg 406–407). No changes have been made to the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: The board received fifteen (15) comments on the proposed amendment.

COMMENT #1: The board received comments from fifteen (15) individuals who voiced general support for the proposed changes to this rule.

RESPONSE: The board appreciates the comments in support of the proposed amendment. No changes have been made in response to these comments.

**TITLE 20 – DEPARTMENT OF COMMERCE
AND INSURANCE**

Division 2205 – Missouri Board of Occupational

Therapy
Chapter 1 – General Rules

ORDER OF RULEMAKING

By the authority vested in the Missouri Board of Occupational Therapy under section 324.065, RSMo 2016, the board amends a rule as follows:

20 CSR 2205-1.050 Fees is amended.

A notice of proposed rulemaking containing the text of the proposed amendment was published in the *Missouri Register* on April 1, 2026 (51 MoReg 466-468). No changes have been made to the text of the proposed amendment, so it is not reprinted here. This proposed amendment becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: No comments were received.

The Secretary of State is required by sections 347.141 and 359.481, RSMo, to publish dissolutions of limited liability companies and limited partnerships. The content requirements for the one-time publishing of these notices are prescribed by statute. This listing is published pursuant to these statutes. We request that documents submitted for publication in this section be submitted in camera ready 8 1/2" x 11" manuscript by email to adrules.dissolutions@sos.mo.gov.

**NOTICE OF WINDING UP FOR LIMITED LIABILITY COMPANY TO ALL CREDITORS OF AND CLAIMANTS AGAINST OZARK
OFFICE GROUP, LLC**

On July 7, 2026, Ozark Office Group, LLC (Charter #LC014505875), a Missouri limited liability company, whose Articles of Organization were filed on November 10, 2023, has filed a Notice of Winding Up with the Missouri Secretary of State disclosing the dissolution of the company and the commencement of winding up of its business and affairs. Claims must be mailed to –

Neil Snodgerass
401 Jefferson Avenue
Crystal City, MO 63019

Persons with claims against the limited liability company should present them in accordance with the following procedure:

In order to file a claim, you must furnish –

- 1) The amount of the claim;
- 2) The basis for the claim; and
- 3) Documentation of the claim.

A claim against the limited liability company will be barred unless a proceeding to enforce the claim is commenced within three (3) years after the publication of this notice.

**NOTICE OF WINDING UP FOR LIMITED LIABILITY COMPANY TO ALL CREDITORS OF AND CLAIMANTS AGAINST G & R
BECHTEL ENTERPRISES, LLC**

On July 7, 2026, G & R Bechtel Enterprises, LLC, filed a Notice of Winding Up for Limited Liability Company with the Missouri Secretary of State. Claims against the LLC must be submitted to –

G & R Bechtel Enterprises, LLC
c/o Allen & Rector P.C., Attorneys at Law
135 Harwood Avenue
PO Box 1700
Lebanon, MO 65536

Claims must include –

- 1) The name and address of the claimant;
- 2) The amount and date of the claim; and
- 3) A brief description of the basis of the claim, including documentation.

NOTICE: All claims will be barred unless commenced within three (3) years after the date of the publication of this notice.

NOTICE OF DISSOLUTION TO ALL CREDITORS OF AND CLAIMS AGAINST BECHTEL & CLARK HOLDINGS, LLC

On July 7, 2026, Bechtel & Clark Holdings, LLC, a Missouri limited liability company, filed its Notice of Winding Up with the Missouri Secretary of State. You are hereby notified that if you believe you have a claim against Bechtel & Clark Holdings, LLC, you must submit a summary in writing of the circumstances surrounding your claim to –

Bechtel & Clark Holdings, LLC
c/o Allen & Rector, P.C.
135 Harwood
PO Box 1700
Lebanon, MO 65536

The summary of your claim must include the following information:

- 1) The name, address, and telephone number of the claimant;
- 2) The amount of the claim;
- 3) The date on which the event on which the claim is based occurred; and
- 4) A brief description of the nature of the debt or the basis for the claim.

All claims against Bechtel & Clark Holdings, LLC, will be barred unless the proceeding to enforce the claim is commenced within three (3) years after the publication of this Notice.

NOTICE OF DISSOLUTION TO ALL CREDITORS OF AND CLAIMS AGAINST BECHTEL & CLARK ENTERPRISES, LLC

On July 7, 2026, Bechtel & Clark Enterprises, LLC, a Missouri limited liability company, filed its Notice of Winding Up with the Missouri Secretary of State. You are hereby notified that if you believe you have a claim against Bechtel & Clark Enterprises, LLC, you must submit a summary in writing of the circumstances surrounding your claim to –

Bechtel & Clark Enterprises, LLC
c/o Allen & Rector, P.C.
135 Harwood
PO Box 1700
Lebanon, MO 65536

The summary of your claim must include the following information:

- 1) The name, address, and telephone number of the claimant;
- 2) The amount of the claim;
- 3) The date on which the event on which the claim is based occurred; and
- 4) A brief description of the nature of the debt or the basis for the claim.

All claims against Bechtel & Clark Enterprises, LLC, will be barred unless the proceeding to enforce the claim is commenced within three (3) years after the publication of this Notice.

NOTICE OF DISSOLUTION TO ALL CREDITORS OF AND CLAIMS AGAINST COSGROVE COMPANIES, LLC

On July 6, 2026, Cosgrove Companies, LLC, a Missouri limited liability company, filed its Articles of Dissolution with the Missouri Secretary of State. You are hereby notified that if you believe you have a claim against Cosgrove Companies, LLC, you must submit a summary in writing of the circumstances surrounding your claim to –

Cosgrove Companies, LLC
Quinn Cosgrove
104 NW Cody Dr.
Lee's Summit, MO 64081

The summary of your claim must include the following information:

- 1) The name, address, and telephone number of the claimant;
- 2) The amount of the claim;
- 3) The date on which the event on which the claim is based occurred; and
- 4) A brief description of the nature of the debt or the basis for the claim.

All claims against Cosgrove Companies, LLC, will be barred unless the proceeding to enforce the claim is commenced within three (3) years after the publication of this Notice.

NOTICE OF WINDING UP FOR LIMITED LIABILITY COMPANY TO ALL CREDITORS OF AND CLAIMANTS AGAINST WINDRIVER RANCH, LLC

On July 1, 2026, WindRiver Ranch, LLC, a Missouri limited liability company, filed its Notice of Winding Up for Limited Liability Company with the Missouri Secretary of State. You are hereby notified that if you believe you have a claim against WindRiver Ranch, LLC, you must submit a summary in writing of the circumstances surrounding your claim to –

Harry Marks Murray, IV, Receiver
c/o Sandberg, Phoenix & von Gontard, P.C.
701 Market St., Suite 600
Saint Louis, MO 63101

The summary of your claim must include the following information:

- 1) The name, address, and telephone number of the claimant;
- 2) The amount of the claim;
- 3) The date on which the event on which the claim is based occurred; and
- 4) A brief description of the nature of the debt or the basis for the claim.

All claims against WindRiver Ranch, LLC, will be barred unless the proceeding to enforce the claim is commenced within three (3) years after the publication of this Notice.

NOTICE OF WINDING UP TO ALL CREDITORS OF AND CLAIMANTS AGAINST PLUTUS HOLDINGS, LLC

On July 13, 2026, Plutus Holdings, LLC, a Missouri limited liability company (the "Company"), filed its Notice of Winding Up with the Missouri Secretary of State. The Company requests that all persons and organizations who have claims against it present them

immediately by letter to –

Kyle Hertel
Lathrop GPM LLP
2323 Grand Boulevard, Suite 800
Kansas City, MO 64108

All claims must include the following information:

- 1) The name and address of the claimant;
- 2) The amount claimed;
- 3) The date on which the claim arose;
- 4) The basis for the claim; and
- 5) Any documentation in support of the claim.

All claims against the Company will be barred unless a proceeding to enforce the claim is commenced within three (3) years after the date of publication of this notice.

NOTICE OF WINDING UP TO ALL CREDITORS OF AND CLAIMANTS AGAINST ATHENA CF SECURITIES, LLC

On July 13, 2026, Athena CF Securities, LLC, a Missouri limited liability company (the “Company”), filed its Notice of Winding Up with the Missouri Secretary of State. The Company requests that all persons and organizations who have claims against it present them immediately by letter to –

Kyle Hertel
Lathrop GPM LLP
2323 Grand Boulevard, Suite 800
Kansas City, MO 64108

All claims must include the following information:

- 1) The name and address of the claimant;
- 2) The amount claimed;
- 3) The date on which the claim arose;
- 4) The basis for the claim; and
- 5) Any documentation in support of the claim.

All claims against the Company will be barred unless a proceeding to enforce the claim is commenced within three (3) years after the date of publication of this notice.

NOTICE OF WINDING UP TO ALL CREDITORS OF AND CLAIMANTS AGAINST L&A RB TOWER GROVE, LLC

On July 13, 2026, L&A RB Tower Grove, LLC, a Missouri limited liability company (the “Company”), filed its Notice of Winding Up with the Missouri Secretary of State. The Company requests that all persons and organizations who have claims against it present them immediately by letter to –

Kyle Hertel
Lathrop GPM LLP
2323 Grand Boulevard, Suite 800
Kansas City, MO 64108

All claims must include the following information:

- 1) The name and address of the claimant;
- 2) The amount claimed;
- 3) The date on which the claim arose;
- 4) The basis for the claim; and
- 5) Any documentation in support of the claim.

All claims against the Company will be barred unless a proceeding to enforce the claim is commenced within three (3) years after the date of publication of this notice.

NOTICE OF WINDING UP TO ALL CREDITORS OF AND CLAIMANTS AGAINST L&A CAPITAL, LLC

On July 13, 2026, L&A Capital, LLC, a Missouri limited liability company (the “Company”), filed its Notice of Winding Up with the Missouri Secretary of State. The Company requests that all persons and organizations who have claims against it present them immediately by letter to –

Kyle Hertel
Lathrop GPM LLP
2323 Grand Boulevard, Suite 800
Kansas City, MO 64108

All claims must include the following information:

- 1) The name and address of the claimant;
- 2) The amount claimed;
- 3) The date on which the claim arose;
- 4) The basis for the claim; and
- 5) Any documentation in support of the claim.

All claims against the Company will be barred unless a proceeding to enforce the claim is commenced within three (3) years after the date of publication of this notice.

NOTICE OF WINDING UP TO ALL CREDITORS OF AND CLAIMANTS AGAINST L&A 5086 WATERMAN, LLC

On July 13, 2026, L&A 5086 Waterman, LLC, a Missouri limited liability company (the “Company”), filed its Notice of Winding Up with the Missouri Secretary of State. The Company requests that all persons and organizations who have claims against it present them immediately by letter to –

Kyle Hertel
Lathrop GPM LLP
2323 Grand Boulevard, Suite 800
Kansas City, MO 64108

All claims must include the following information:

- 1) The name and address of the claimant;
- 2) The amount claimed;
- 3) The date on which the claim arose;
- 4) The basis for the claim; and
- 5) Any documentation in support of the claim.

All claims against the Company will be barred unless a proceeding to enforce the claim is commenced within three (3) years after the date of publication of this notice.

NOTICE OF WINDING UP TO ALL CREDITORS OF AND CLAIMANTS AGAINST L&A JR, LLC

On July 13, 2026, L&A JR, LLC, a Missouri limited liability company (the “Company”), filed its Notice of Winding Up with the Missouri Secretary of State. The Company requests that all persons and organizations who have claims against it present them immediately by letter to –

Kyle Hertel
Lathrop GPM LLP
2323 Grand Boulevard, Suite 800
Kansas City, MO 64108

All claims must include the following information:

- 1) The name and address of the claimant;
- 2) The amount claimed;
- 3) The date on which the claim arose;
- 4) The basis for the claim; and
- 5) Any documentation in support of the claim.

All claims against the Company will be barred unless a proceeding to enforce the claim is commenced within three (3) years after the date of publication of this notice.

NOTICE OF WINDING UP TO ALL CREDITORS OF AND CLAIMANTS AGAINST L&A TORREY WOODS, LLC

On July 13, 2026, L&A Torrey Woods, LLC, a Missouri limited liability company (the “Company”), filed its Notice of Winding Up with the Missouri Secretary of State. The Company requests that all persons and organizations who have claims against it present them immediately by letter to –

Kyle Hertel
Lathrop GPM LLP
2323 Grand Boulevard, Suite 800

Kansas City, MO 64108

All claims must include the following information:

- 1) The name and address of the claimant;
- 2) The amount claimed;
- 3) The date on which the claim arose;
- 4) The basis for the claim; and
- 5) Any documentation in support of the claim.

All claims against the Company will be barred unless a proceeding to enforce the claim is commenced within three (3) years after the date of publication of this notice.

NOTICE OF WINDING UP OF LIMITED LIABILITY COMPANY TO ALL CREDITORS OF AND CLAIMANTS AGAINST MUNGENAST INVESTMENTS, LLC

On July 13, 2026, Mungenast Investments, LLC, a Missouri limited liability company, filed its Articles of Termination and Notice of Winding Up for Limited Liability Company with the Missouri Secretary of State, effective on December 31, 2025. Said limited liability company requests that all persons and organizations who have claims against it present them immediately by letter to the company at –

Mungenast Investments, LLC
Attn: David F. Mungenast, Jr.
120 S. Central Avenue, Suite 700
St. Louis, MO 63105

With a copy to –

Sandberg Phoenix & von Gontard, P.C.
Attn: Anthony J. Soukenik, Esq.
120 S. Central Avenue, Suite 700
St. Louis, MO 63105

All claims must include the following information:

- 1) The name and address of the claimant;
- 2) The amount claimed;
- 3) The basis for the claim; and
- 4) the date(s) on which the event(s) on which the claim is based occurred.

NOTICE: Because of the notice of winding up of Mungenast Investments, LLC, any claims against it will be barred unless a proceeding to enforce the claim is commenced within three (3) years after the publication date of the notices authorized by statute, whichever is published last.

NOTICE OF DISSOLUTION TO CREDITORS AND CLAIMANTS AGAINST CSA SOLUTIONS, INC

Effective as of July 13, 2026, CSA Solutions, Inc., a Missouri corporation (the “Company”) with its principal office located at 18135 Country Trails Ct., Wildwood, MO 63038-1218, was voluntarily dissolved in accordance with the General and Business Corporation Law of Missouri. All claims against the Company should be presented in accordance with this notice. Claims should be in writing and sent to the Company at this mailing address:

CSA Solutions, Inc.
Attn: Ms. Ashley A. Hercules
18135 Country Trails Ct.
Wildwood, MO 63038-1218

The claim must contain the following –

- 1) The name, address, and telephone number of the claimants;
- 2) The amount of the claim or other relief demanded;
- 3) The basis of the claim and any documents related to the claim; and
- 4) The date(s) as of which the event(s) occurred on which the claim is based.

In accordance with Section 351.482 of the Revised Statutes of Missouri, any and all claims against the Company will be barred unless a proceeding to enforce the claim is commenced within two (2) years after the publication of this notice.

This cumulative table gives you the latest status of rules. It contains citations of rulemakings adopted or proposed after deadline for the monthly Update Service to the *Code of State Regulations*. Citations are to volume and page number in the *Missouri Register*, except for material in this issue. The first number in the table cite refers to the volume number or the publication year – 50 (2025) and 51 (2026). MoReg refers to *Missouri Register* and the numbers refer to a specific *Register* page, R indicates a rescission, W indicates a withdrawal, S indicates a statement of actual cost, T indicates an order terminating a rule, N.A. indicates not applicable, RAN indicates a rule action notice, RUC indicates a rule under consideration, and F indicates future effective date.

RULE NUMBER	AGENCY	EMERGENCY	PROPOSED	ORDER	IN ADDITION
OFFICE OF ADMINISTRATION					
1 CSR	Notice of Periodic Rule Review				50 MoReg 960
1 CSR 10	State Officials' Salary Compensation Schedule				51 MoReg 371
1 CSR 60-1.010	Joint Oversight Task Force for Prescription Drug Monitoring		51 MoReg 551		
DEPARTMENT OF AGRICULTURE					
2 CSR	Notice of Periodic Rule Review				50 MoReg 960
2 CSR 30-6.015	Animal Health		51 MoReg 685		
2 CSR 30-6.020	Animal Health		51 MoReg 688		
2 CSR 30-6.030	Animal Health		51 MoReg 693		
2 CSR 30-10.010	Animal Health	51 MoReg 187	51 MoReg 191	51 MoReg 767	
2 CSR 60-5.020	Grain Inspection and Warehousing		51 MoReg 300	51 MoReg 825	
2 CSR 70-11.060	Plant Industries		51 MoReg 862		
2 CSR 70-11.070	Plant Industries		51 MoReg 862		
2 CSR 70-30-015	Plant Industries		51 MoReg 862		
2 CSR 90	Weights, Measures and Consumer Protection				51 MoReg 726
2 CSR 90-10.011	Weights, Measures and Consumer Protection		51 MoReg 300	51 MoReg 719	
2 CSR 90-10.012	Weights, Measures and Consumer Protection		51 MoReg 301	51 MoReg 719	
2 CSR 90-10.140	Weights, Measures and Consumer Protection		51 MoReg 301	51 MoReg 719	
DEPARTMENT OF CONSERVATION					
3 CSR	Notice of Periodic Rule Review				50 MoReg 960
3 CSR 10-4.200	Conservation Commission				
3 CSR 10-5.205	Conservation Commission		51 MoReg 863		
3 CSR 10-5.215	Conservation Commission		51 MoReg 395	51 MoReg 825	
3 CSR 10-5.281	Conservation Commission		51 MoReg 864		
3 CSR 10-5.310	Conservation Commission		51 MoReg 865		
3 CSR 10-5.320	Conservation Commission		51 MoReg 865		
3 CSR 10-5.330	Conservation Commission		51 MoReg 865		
3 CSR 10-5.331	Conservation Commission		51 MoReg 866		
3 CSR 10-5.345	Conservation Commission		51 MoReg 866		
3 CSR 10-5.445	Conservation Commission		51 MoReg 866		
3 CSR 10-5.545	Conservation Commission		51 MoReg 867		
3 CSR 10-5.925	Conservation Commission		51 MoReg 867		
3 CSR 10-5.950	Conservation Commission		51 MoReg 869		
3 CSR 10-7.405	Conservation Commission		51 MoReg 395	51 MoReg 825	
3 CSR 10-7.410	Conservation Commission				
3 CSR 10-7.431	Conservation Commission		51 MoReg 871	51 MoReg 825	
3 CSR 10-7.432	Conservation Commission			51 MoReg 826	
3 CSR 10-7.433	Conservation Commission			51 MoReg 826	
3 CSR 10-7.435	Conservation Commission				
3 CSR 10-7.439	Conservation Commission				
3 CSR 10-7.440	Conservation Commission				
3 CSR 10-7.450	Conservation Commission				
3 CSR 10-7.705	Conservation Commission				
3 CSR 10-7.710	Conservation Commission				
3 CSR 10-7.900	Conservation Commission				
3 CSR 10-7.905	Conservation Commission				
3 CSR 10-11.115	Conservation Commission		51 MoReg 396	51 MoReg 827	
3 CSR 10-11.140	Conservation Commission		51 MoReg 871		
3 CSR 10-11.150	Conservation Commission		51 MoReg 874		
3 CSR 10-11.186	Conservation Commission		51 MoReg 396	51 MoReg 827	
3 CSR 10-12.110	Conservation Commission		51 MoReg 442	51 MoReg 828	
3 CSR 10-12.130	Conservation Commission		51 MoReg 397	51 MoReg 828	
DEPARTMENT OF ECONOMIC DEVELOPMENT					
4 CSR	Notice of Periodic Rule Review				50 MoReg 960
DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION					
5 CSR	Notice of Periodic Rule Review				50 MoReg 960
5 CSR 20-100.130	Division of Learning Services		50 MoReg 1533		
5 CSR 20-300.110	Division of Learning Services	50 MoReg 1529	51 MoReg 343	51 MoReg 767	
5 CSR 20-400.210	Division of Learning Services		51 MoReg 923		
5 CSR 20-400.380	Division of Learning Services		51 MoReg 923		
5 CSR 20-400.500	Division of Learning Services		51 MoReg 925		
5 CSR 20-400.530	Division of Learning Services		51 MoReg 928		
5 CSR 20-400.540	Division of Learning Services		51 MoReg 930		
5 CSR 20-400.550	Division of Learning Services		51 MoReg 936		
5 CSR 20-400.570	Division of Learning Services		51 MoReg 939		
5 CSR 20-500.140	Division of Learning Services		51 MoReg 64	51 MoReg 719	
5 CSR 20-500.290	Division of Learning Services		51 MoReg 755		
5 CSR 20-500.370	Division of Learning Services		51 MoReg 64	51 MoReg 720	
5 CSR 25-100.330	Office of Childhood		51 MoReg 551		
5 CSR 25-200.060	Office of Childhood	51 MoReg 751	51 MoReg 757		

RULE NUMBER	AGENCY	EMERGENCY	PROPOSED	ORDER	IN ADDITION
DEPARTMENT OF HIGHER EDUCATION AND WORKFORCE DEVELOPMENT					
6 CSR	Notice of Periodic Rule Review				50 MoReg 960
6 CSR 10-2.220	Commissioner of Education		51 MoReg 67	51 MoReg 768	
MISSOURI DEPARTMENT OF TRANSPORTATION					
7 CSR	Notice of Periodic Rule Review				51 MoReg 832
7 CSR 10-10.010	Missouri Highways and Transportation Commission		51 MoReg 397	This Issue	
7 CSR 10-10.020	Missouri Highways and Transportation Commission		51 MoReg 399	This Issue	
7 CSR 10-10.030	Missouri Highways and Transportation Commission		51 MoReg 399R	This Issue R	
7 CSR 10-10.040	Missouri Highways and Transportation Commission		51 MoReg 399R	This Issue R	
7 CSR 10-10.050	Missouri Highways and Transportation Commission		51 MoReg 400R	This Issue R	
7 CSR 10-10.060	Missouri Highways and Transportation Commission		51 MoReg 400R	This Issue R	
7 CSR 10-10.070	Missouri Highways and Transportation Commission		51 MoReg 400R	This Issue R	
7 CSR 10-10.080	Missouri Highways and Transportation Commission		51 MoReg 401R	This Issue R	
7 CSR 10-10.090	Missouri Highways and Transportation Commission		51 MoReg 401	This Issue	
DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS					
8 CSR	Notice of Periodic Rule Review				51 MoReg 832
8 CSR 50-2.070	Division of Workers' Compensation		51 MoReg 693		
DEPARTMENT OF MENTAL HEALTH					
9 CSR	Notice of Periodic Rule Review				51 MoReg 832
9 CSR 30-4.045	Certification Standards		51 MoReg 941		
9 CSR 30-4.195	Certification Standards		51 MoReg 695R		
DEPARTMENT OF NATURAL RESOURCES					
10 CSR	Notice of Periodic Rule Review				51 MoReg 832
10 CSR 10-6.025	Air Conservation Commission		50 MoReg 1814	51 MoReg 720	
10 CSR 10-6.060	Air Conservation Commission		50 MoReg 1817	51 MoReg 720	
10 CSR 10-6.062	Air Conservation Commission		50 MoReg 1822	51 MoReg 720	
10 CSR 10-6.065	Air Conservation Commission		50 MoReg 1823	51 MoReg 720	
10 CSR 10-6.070	Air Conservation Commission		51 MoReg 502		
10 CSR 10-6.075	Air Conservation Commission		51 MoReg 506		
10 CSR 10-6.080	Air Conservation Commission		51 MoReg 511		
10 CSR 10-6.110	Air Conservation Commission		50 MoReg 1831	51 MoReg 721	
10 CSR 10-6.241	Air Conservation Commission		50 MoReg 1834	51 MoReg 721	
10 CSR 10-6.250	Air Conservation Commission		50 MoReg 1836	51 MoReg 722	
10 CSR 10-6.255	Air Conservation Commission		50 MoReg 1838	51 MoReg 722	
10 CSR 20-6.010	Clean Water Commission		51 MoReg 12	51 MoReg 769	
10 CSR 23-1.010	Well Installation		51 MoReg 696		
10 CSR 23-1.090	Well Installation		51 MoReg 696		
10 CSR 23-2.010	Well Installation		51 MoReg 302	This Issue Wd	51 MoReg 370
10 CSR 23-2.020	Well Installation		51 MoReg 697		
10 CSR 25-7	Hazardous Waste Management Commission				51 MoReg 726
10 CSR 80-2.010	Solid Waste Management		This Issue R		
			This Issue		
10 CSR 80-3.010	Solid Waste Management		This Issue R		
			This Issue		
DEPARTMENT OF PUBLIC SAFETY					
11 CSR 70-2.080	Division of Alcohol and Tobacco Control		51 MoReg 20	51 MoReg 722	
11 CSR 70-2.100	Division of Alcohol and Tobacco Control	51 MoReg 5	51 MoReg 21	51 MoReg 722	
DEPARTMENT OF REVENUE					
12 CSR 10-2.135	Director of Revenue		51 MoReg 758R		
12 CSR 10-23.305	Director of Revenue		51 MoReg 877R		
12 CSR 10-24.160	Director of Revenue		51 MoReg 877		
12 CSR 10-26.230	Director of Revenue	51 MoReg 393	51 MoReg 401	51 MoReg 828	
12 CSR 10-26.231	Director of Revenue	51 MoReg 394	51 MoReg 402	51 MoReg 828	
12 CSR 10-41.030	Director of Revenue		51 MoReg 877		
12 CSR 10-103.170	Director of Revenue		51 MoReg 758R		
12 CSR 10-103.180	Director of Revenue		51 MoReg 879R		
12 CSR 10-103.185	Director of Revenue		51 MoReg 879		
12 CSR 10-103.310	Director of Revenue		51 MoReg 758R		
12 CSR 10-103.630	Director of Revenue		51 MoReg 880R		
12 CSR 10-103.640	Director of Revenue		51 MoReg 880R		
12 CSR 10-108.700	Director of Revenue		This Issue		
12 CSR 10-111.101	Director of Revenue		51 MoReg 758R		
12 CSR 10-113.200	Director of Revenue		51 MoReg 759		
12 CSR 30-4.010	State Tax Commission		51 MoReg 191	51 MoReg 777	
12 CSR 40-100.010	State Lottery		51 MoReg 552		
DEPARTMENT OF SOCIAL SERVICES					
13 CSR 35-35.130	Children's Division		51 MoReg 512	This Issue	
13 CSR 70-3.230	MO HealthNet Division		51 MoReg 804		
13 CSR 70-4.120	MO HealthNet Division		51 MoReg 442	51 MoReg 896	
13 CSR 70-15.010	MO HealthNet Division	50 MoReg 1036	51 MoReg 444	51 MoReg 896	
13 CSR 70-15.020	MO HealthNet Division		51 MoReg 517	51 MoReg 947	
13 CSR 70-15.030	MO HealthNet Division		51 MoReg 457	51 MoReg 947	
13 CSR 70-15.070	MO HealthNet Division	51 MoReg 187	51 MoReg 197	51 MoReg 723	
13 CSR 70-15.110	MO HealthNet Division	51 MoReg 855	51 MoReg 880		
13 CSR 70-25.160	MO HealthNet Division		51 MoReg 761		
13 CSR 70-45.010	MO HealthNet Division		51 MoReg 640		

RULE NUMBER	AGENCY	EMERGENCY	PROPOSED	ORDER	IN ADDITION
13 CSR 70-94.020	MO HealthNet Division	51 MoReg 921	51 MoReg 945		
13 CSR 70-94.030	MO HealthNet Division		51 MoReg 457	51 MoReg 947	
13 CSR 70-98.015	MO HealthNet Division		51 MoReg 198	51 MoReg 723	
ELECTED OFFICIALS					
15 CSR 30-12.010	Secretary of State		This Issue		
15 CSR 30-12.020	Secretary of State		This Issue		
15 CSR 30-14.010	Secretary of State		This Issue		
15 CSR 30-51.030	Secretary of State		51 MoReg 804		
15 CSR 30-51.040	Secretary of State		51 MoReg 805		
15 CSR 30-51.055	Secretary of State		51 MoReg 806		
15 CSR 30-51.070	Secretary of State		51 MoReg 807		
15 CSR 30-51.155	Secretary of State		51 MoReg 811		
15 CSR 30-51.160	Secretary of State		51 MoReg 811		
15 CSR 30-51.172	Secretary of State		51 MoReg 812		
15 CSR 30-52.030	Secretary of State		51 MoReg 812		
RETIREMENT SYSTEMS					
16 CSR 10-3.010	The Public School Retirement System of Missouri		51 MoReg 343	51 MoReg 828	
16 CSR 10-4.005	The Public School Retirement System of Missouri		51 MoReg 344	51 MoReg 829	
16 CSR 10-4.014	The Public School Retirement System of Missouri		51 MoReg 344	51 MoReg 829	
16 CSR 10-4.020	The Public School Retirement System of Missouri		51 MoReg 345R	51 MoReg 829R	
16 CSR 10-5.010	The Public School Retirement System of Missouri		51 MoReg 346	51 MoReg 829	
16 CSR 10-5.020	The Public School Retirement System of Missouri		51 MoReg 346	51 MoReg 829	
16 CSR 10-5.040	The Public School Retirement System of Missouri		51 MoReg 347	51 MoReg 830	
16 CSR 10-5.050	The Public School Retirement System of Missouri		51 MoReg 348R	51 MoReg 830R	
16 CSR 10-5.060	The Public School Retirement System of Missouri		51 MoReg 348R	51 MoReg 830R	
16 CSR 10-6.010	The Public School Retirement System of Missouri		51 MoReg 348	51 MoReg 830	
16 CSR 10-6.020	The Public School Retirement System of Missouri		51 MoReg 349	51 MoReg 830	
16 CSR 10-6.045	The Public School Retirement System of Missouri		51 MoReg 349	51 MoReg 831	
16 CSR 10-6.050	The Public School Retirement System of Missouri		51 MoReg 351R	51 MoReg 831R	
16 CSR 10-6.060	The Public School Retirement System of Missouri		51 MoReg 351	51 MoReg 831	
16 CSR 10-6.070	The Public School Retirement System of Missouri		51 MoReg 352	51 MoReg 831	
DEPARTMENT OF HEALTH AND SENIOR SERVICES					
19 CSR 30-20.011	Division of Regulation and Licensure		51 MoReg 643		
19 CSR 30-20.015	Division of Regulation and Licensure		51 MoReg 643		
19 CSR 30-86.042	Division of Regulation and Licensure		51 MoReg 353	51 MoReg 778	
19 CSR 60-50	Missouri Health Facilities Review Committee				
19 CSR 100-1.200	Division of Cannabis Regulation		51 MoReg 553		
DEPARTMENT OF COMMERCE AND INSURANCE					
20 CSR	Applied Behavior Analysis Maximum Benefit				51 MoReg 317
20 CSR	Construction Claims Binding Arbitration Cap				51 MoReg 317
20 CSR	Non-Economic Damages in Medical Malpractice Cap				51 MoReg 317
20 CSR	Sovereign Immunity Limits				51 MoReg 215
20 CSR	State Legal Expense Fund Cap				51 MoReg 317
20 CSR 200-9.800	Insurance Solvency and Company Regulation		51 MoReg 458	This Issue	
20 CSR 200-12.020	Insurance Solvency and Company Regulation		51 MoReg 646		
20 CSR 1135-1.010	State Banking Board		51 MoReg 762		
20 CSR 1140-6.070	Division of Finance		51 MoReg 763R		
20 CSR 1140-10.030	Division of Finance		51 MoReg 763R		
20 CSR 1140-14.010	Division of Finance		51 MoReg 763R		
20 CSR 2030-6.015	Missouri Board for Architects, Professional Engineers, Professional Land Surveyors and Professional Landscape Architects		51 MoReg 403	51 MoReg 896	
20 CSR 2030-13.010	Missouri Board for Architects, Professional Engineers, Professional Land Surveyors and Professional Landscape Architects		51 MoReg 406	51 MoReg 896	
20 CSR 2063-1.015	Behavior Analyst Advisory Board		51 MoReg 459	51 MoReg 897	
20 CSR 2063-2.005	Behavior Analyst Advisory Board		51 MoReg 461	51 MoReg 897	
20 CSR 2063-4.005	Behavior Analyst Advisory Board		This Issue		
20 CSR 2063-5.005	Behavior Analyst Advisory Board		51 MoReg 813		
20 CSR 2070-2.080	State Board of Chiropractic Examiners		51 MoReg 85	51 MoReg 778	
20 CSR 2110-2.120	Missouri Dental Board		51 MoReg 406	This Issue	
20 CSR 2110-2.130	Missouri Dental Board		51 MoReg 406	This Issue	
20 CSR 2110-2.131	Missouri Dental Board		51 MoReg 886		
20 CSR 2117-1.070	Office of Statewide Electrical Contractors	51 MoReg 752	51 MoReg 764		
20 CSR 2145-1.040	Missouri Board of Geologist Registration		51 MoReg 464	51 MoReg 897	
20 CSR 2205-1.050	Missouri Board of Occupational Therapy		51 MoReg 466	This Issue	
20 CSR 2220-2.197	State Board of Pharmacy		51 MoReg 469	51 MoReg 897	
20 CSR 2220-2.200	State Board of Pharmacy		51 MoReg 86	51 MoReg 723	
20 CSR 2220-2.500	State Board of Pharmacy		51 MoReg 114	51 MoReg 724	
20 CSR 2220-7.080	State Board of Pharmacy		51 MoReg 560		
20 CSR 2232-1.040	Missouri State Committee of Interpreters		51 MoReg 469	51 MoReg 897	
20 CSR 2233-2.010	State Committee of Martial and Family Therapists		51 MoReg 310	51 MoReg 724	
20 CSR 2233-2.020	State Committee of Martial and Family Therapists		51 MoReg 310	51 MoReg 724	
20 CSR 2233-2.021	State Committee of Martial and Family Therapists		51 MoReg 311	51 MoReg 725	
20 CSR 2233-2.040	State Committee of Martial and Family Therapists		51 MoReg 311	51 MoReg 725	
20 CSR 2234-3.040	Board of Private Investigator and Private Fire Investigator Examiners		51 MoReg 354	51 MoReg 779	
20 CSR 2235-1.020	State Committee of Psychologists		51 MoReg 472	51 MoReg 898	
20 CSR 2263-2.030	Real Estate Appraisers		51 MoReg 354	51 MoReg 779	
20 CSR 2263-2.082	Real Estate Appraisers		51 MoReg 355	51 MoReg 779	
20 CSR 4240-3.010	Public Service Commission		51 MoReg 815		

RULE NUMBER	AGENCY	EMERGENCY	PROPOSED	ORDER	IN ADDITION
20 CSR 4240-3.030	Public Service Commission		51 MoReg 815		
20 CSR 4240-3.100	Public Service Commission		51 MoReg 816		
20 CSR 4240-3.130	Public Service Commission		51 MoReg 816		
20 CSR 4240-3.135	Public Service Commission		51 MoReg 817		
20 CSR 4240-3.140	Public Service Commission		51 MoReg 818		
20 CSR 4240-3.150	Public Service Commission		51 MoReg 818		
20 CSR 4240-3.155	Public Service Commission		51 MoReg 818		
20 CSR 4240-3.156	Public Service Commission		51 MoReg 819		
20 CSR 4240-3.162	Public Service Commission		51 MoReg 819		
20 CSR 4240-3.200	Public Service Commission		51 MoReg 821		
20 CSR 4240-3.205	Public Service Commission		51 MoReg 822		
20 CSR 4240-3.230	Public Service Commission		51 MoReg 822		
20 CSR 4240-3.255	Public Service Commission		51 MoReg 823		
20 CSR 4240-3.300	Public Service Commission		51 MoReg 823		
20 CSR 4240-3.400	Public Service Commission		51 MoReg 824		
20 CSR 4240-3.625	Public Service Commission		51 MoReg 824		
20 CSR 4240-4.010	Public Service Commission		51 MoReg 886		
20 CSR 4240-4.015	Public Service Commission		51 MoReg 886		
20 CSR 4240-4.017	Public Service Commission		51 MoReg 887		
20 CSR 4240-4.040	Public Service Commission		51 MoReg 888		
20 CSR 4240-23.040	Public Service Commission		51 MoReg 312	51 MoReg 947	
20 CSR 4240-28.012	Public Service Commission		51 MoReg 888		
20 CSR 4240-28.014	Public Service Commission		51 MoReg 889		
20 CSR 4240-29.010	Public Service Commission		51 MoReg 889		
20 CSR 4240-29.020	Public Service Commission		51 MoReg 890		
20 CSR 4240-29.030	Public Service Commission		51 MoReg 890		
20 CSR 4240-29.100	Public Service Commission		51 MoReg 891		
20 CSR 4240-31.016	Public Service Commission		51 MoReg 891		
20 CSR 4240-34.020	Public Service Commission		51 MoReg 892		
20 CSR 4240-34.090	Public Service Commission		51 MoReg 892		
20 CSR 4240-36.020	Public Service Commission		51 MoReg 893		
20 CSR 4240-36.030	Public Service Commission		51 MoReg 893		
20 CSR 4240-36.040	Public Service Commission		51 MoReg 894		
20 CSR 4240-36.050	Public Service Commission		51 MoReg 895		
20 CSR 4240-40.020	Public Service Commission		51 MoReg 697		
20 CSR 4240-40.030	Public Service Commission		51 MoReg 699		
20 CSR 4240-120.011	Public Service Commission		51 MoReg 709		
20 CSR 4240-120.110	Public Service Commission		51 MoReg 710		
20 CSR 4240-123.010	Public Service Commission		51 MoReg 710		
20 CSR 4240-123.020	Public Service Commission		51 MoReg 711		
20 CSR 4240-123.030	Public Service Commission		51 MoReg 711		
20 CSR 4240-123.040	Public Service Commission		51 MoReg 712		
20 CSR 4240-123.090	Public Service Commission		51 MoReg 712		
20 CSR 4240-124.010	Public Service Commission		51 MoReg 713		
20 CSR 4240-124.020	Public Service Commission		51 MoReg 713		
20 CSR 4240-124.060	Public Service Commission		51 MoReg 713		
20 CSR 4240-125.010	Public Service Commission		51 MoReg 714		
20 CSR 4240-125.040	Public Service Commission		51 MoReg 714		
20 CSR 4240-125.060	Public Service Commission		51 MoReg 715		
20 CSR 4240-126.010	Public Service Commission		51 MoReg 716		
20 CSR 4240-126.020	Public Service Commission		51 MoReg 716		
20 CSR 4240-127.010	Public Service Commission		51 MoReg 717		

MISSOURI CONSOLIDATED HEALTH CARE PLAN

MISSOURI DEPARTMENT OF THE NATIONAL GUARD

AGENCY	PUBLICATION	EFFECTIVE	EXPIRATION
--------	-------------	-----------	------------

Department of Elementary and Secondary Education

Office of Childhood

5 CSR 25-200.060 Eligibility and Authorization for Child Care Subsidy51 MoReg 751. May 27, 2026.Feb. 25, 2027

Department of Revenue

Director of Revenue

12 CSR 10-26.230 Dealer Administrative Fees and System Modernization .51 MoReg 393. Feb. 20, 2026. Aug. 18, 2026

12 CSR 10-26.231 Maximum Dealer Administrative Fees51 MoReg 394. Feb. 20, 2026. Aug. 18, 2026

Department of Social Services

MO HealthNet Division

13 CSR 70-3.300 Complementary Health and Alternative Therapies for
Chronic Pain ManagementNext Issue R. Aug. 10, 2026.Feb. 25, 2027

13 CSR 70-3.310 Chiropractic Services.Next Issue R. Aug. 10, 2026.Feb. 25, 2027

13 CSR 70-15.015 Supplemental Payments.Next Issue. Aug. 10, 2026.Feb. 25, 2027

13 CSR 70-15.110 Federal Reimbursement Allowance (FRA)51 MoReg 855 July 1, 2026.Feb. 25, 2027

13 CSR 70-15.160 Outpatient Hospital Services Reimbursement
Methodology.Next Issue. Aug. 10, 2026.Feb. 25, 2027

13 CSR 70-94.020 Provider-Based Rural Health Clinic51 MoReg 921. July 1, 2026.Feb. 25, 2027

Department of Health and Senior Services

Division of Regulation and Licensure

19 CSR 30-20.030 Construction Standards for New Hospitals.Next Issue. Aug. 6, 2026.Feb. 1, 2027

19 CSR 30-30.030 General Design and Construction Standards for
Ambulatory Surgical Centers.Next Issue. Aug. 6, 2026.Feb. 1, 202719 CSR 30-30.040 Preparation of Plans and Specifications for
Ambulatory Surgical Centers.Next Issue. Aug. 6, 2026.Feb. 1, 202719 CSR 30-30.100 General Design and New Construction Standards for
Birthing Centers.Next Issue. Aug. 6, 2026.Feb. 1, 2027

Missouri Health Facilities Review Committee

19 CSR 60-50.410 Letter of Intent PackageNext Issue. Aug. 6, 2026.Feb. 1, 2027

19 CSR 60-50.430 Application PackageNext Issue. Aug. 6, 2026.Feb. 1, 2027

Department of Commerce and Insurance

Office of Statewide Electrical Contractors

20 CSR 2117-1.070 Fees.51 MoReg 752. June 1, 2026.Feb. 25, 2027

The Secretary of State shall publish all executive orders beginning January 1, 2003, pursuant to section 536.035.2, RSMo.

ORDER	SUBJECT MATTER	FILED DATE	PUBLICATION
2026			
26-16	Declares a State of Emergency and directs the Missouri State Emergency Operations Plan be activated in response to the severe weather event starting on July 9, 2026	July 10, 2026	This Issue
26-15	Declares a State of Emergency and directs the Missouri State Emergency Operations Plan be activated in response to the severe weather event starting on June 4, 2026	June 10, 2026	51 MoReg 861
26-14	Declares a State of Emergency and directs the Missouri State Emergency Operations Plan be activated in response to the ongoing and forecasted severe storm systems	May 18, 2026	51 MoReg 803
26-13	Extends Executive Order 26-10 until May 31, 2026	April 30, 2026	51 MoReg 684
26-12	Declares a State of Emergency and directs the Missouri State Emergency Operations Plan be activated in response to the ongoing and forecasted severe storm systems	April 17, 2026	51 MoReg 683
26-11	Declares a State of Emergency and directs the Missouri State Emergency Operations Plan be activated in preparation of the 2026 FIFA World Cup. The Adjutant General is ordered to call into active service any state militia deemed necessary to support civilian authorities and state agencies are authorized to provide assistance as needed	April 13, 2026	51 MoReg 639
26-10	Extends Executive Order 26-07 until April 30, 2026	March 31, 2026	51 MoReg 550
26-09	Extends Executive Order 25-34 until September 1, 2026	March 31, 2026	51 MoReg 549
26-08	Declares a State of Emergency and directs the Missouri State Emergency Operations Plan be activated in response to the ongoing and forecasted severe storm systems	March 5, 2026	51 MoReg 501
26-07	Extends Executive Order 26-06 until March 31, 2026	February 27, 2026	51 MoReg 441
26-06	Extends Executive Order 25-38 until February 28, 2026	January 30, 2026	51 MoReg 342
26-05	Declares a State of Emergency and directs the Missouri State Emergency Operations Plan be activated. The Adjutant General is ordered to call into active service any state militia deemed necessary to support civilian authorities in response to the ongoing and forecasted severe winter storm systems	January 22, 2026	51 MoReg 341
26-04	Establishes the Missouri Advanced Nuclear Energy Task Force	January 13, 2026	51 MoReg 298
26-03	Formalizes the Missouri Government Responsibility, Efficiency, Accountability and Transformation (Missouri GREAT) initiative and creates the Missouri GREAT Operational Task Force	January 13, 2026	51 MoReg 295
26-02	Orders a strategic framework for the integration of Artificial Intelligence within state government operations to be developed; the Director of the Department of Economic Development to review current business environment for Artificial Intelligence; the Director of the Natural Resources with the Public Service Commission to review energy regulations and infrastructure; and the Commissioner of the Department of Higher Education and Workforce Development in collaboration with the Department of Economic Development to undertake initiatives to prepare Missouri's workforce and education systems for the AI-driven economy	January 13, 2026	51 MoReg 293
26-01	Establishes an A-F school grade card system	January 13, 2026	51 MoReg 291
2025			
25-38	Extends Executive Order 25-31 until January 31, 2026	December 31, 2025	51 MoReg 190

ORDER	SUBJECT MATTER	FILED DATE	PUBLICATION
25-37	Orders state offices to be closed on Wednesday, December 24, 2025	December 19, 2025	51 MoReg 189
25-36	Declares a State of Emergency and exempts hours of service requirements for vehicles transporting residential heating fuels until January 2, 2026	December 15, 2025	51 MoReg 59
25-35	Orders state offices to be closed on Friday, December 26, 2025	December 5, 2025	50 MoReg 1813
25-34	Extends Executive Order 25-29 and directs 21 additional counties declared in Drought Alert until April 1, 2026	November 26, 2025	51 MoReg 6
25-33	Orders state offices to be closed on Friday, November 28, 2025	November 7, 2025	50 MoReg 1812
25-32	Reinstates with revisions the "Missouri Manual for Courts-Martial, 2025."	November 7, 2025	50 MoReg 1811
25-31	Extends Executive Order 25-28 until December 31, 2025	October 29, 2025	50 MoReg 1745
25-30	Orders the Director of the Missouri Department of Social Services to prepare and submit a request for a waiver to the United States Department of Agriculture to authorize alterations to Missouri's SNAP program in a manner that prioritizes healthy food and nutritional value	September 28, 2025	50 MoReg 1531
25-29	Declares a Drought Alert in several Missouri counties, directs the Director of the Department of Natural Resources to promote the use of Condition Monitoring Observer Reports, and directs all state agencies to provide assistance to affected communities	September 22, 2025	50 MoReg 1530
25-28	Extends portions of Executive Order 25-27 until October 31, 2025	August 28, 2025	50 MoReg 1317
25-27	Extends Executive Orders 25-23 and 25-24 until August 31, 2025	June 30, 2025	50 MoReg 1075
25-26	Designates members of his staff to have supervisory authority over departments, divisions, and agencies of state government	June 24, 2025	50 MoReg 1073
25-25	Declares a State of Emergency and orders the Adjutant General to call into active service any state militia deemed necessary to support civilian authorities due to civil unrest in Missouri	June 12, 2025	50 MoReg 987
Proclamation	Convenes the First Extraordinary Session of the First Regular Session of the One Hundred Third General Assembly to appropriate money to specific areas as well as enact legislation regarding income tax deductions, the Missouri Housing Trust Fund, tax credits, and economic incentives	May 27, 2025	50 MoReg 888
25-24	Orders the Director of the Missouri Department of Health and Senior Services and the State Board of Pharmacy vested with full discretionary authority to temporarily waive or suspend statutory or administrative rule or regulation to serve the interests of public health and safety in the aftermath of severe weather that began on March 14, 2025	May 20, 2025	50 MoReg 887
25-23	Extends Executive Orders 25-20 and 25-22 until June 30, 2025	May 13, 2025	50 MoReg 769
25-22	Extends Executive Orders 25-19, 25-20, and 25-21 until May 14, 2025	April 14, 2025	50 MoReg 690
25-21	Directs the Adjutant General to call into active service any state militia deemed necessary to support civilian authorities due to the severe weather beginning April 1, 2025	April 2, 2025	50 MoReg 689
25-20	Orders that the Director of the Missouri Department of Natural Resources is vested with authority to temporarily waive or suspend statutory or administrative rule or regulation to serve the interests of public health and safety in the aftermath of severe weather that began on March 14, 2025	March 20, 2025	50 MoReg 567
25-19	Declares a State of Emergency and directs the Missouri State Emergency Operations Plan be activated due to forecasted severe storm systems beginning on March 14	March 14, 2025	50 MoReg 531

ORDER	SUBJECT MATTER	FILED DATE	PUBLICATION
25-18	Orders all executive agencies to comply with the principle of equal protection and ensure all rules, policies, employment practices, and actions treat all persons equally. Executive agencies are prohibited from considering diversity, equity, and inclusion in their hiring decisions, and no state funds shall be utilized for activities that solely or primarily support diversity, equity, and inclusion initiatives	February 18, 2025	50 MoReg 413
25-17	Declares a State of Emergency and activates the Missouri State Emergency Operations Plan due to forecasted severe winter storm systems and exempts hours of service requirements for vehicles transporting residential heating fuel until March 10, 2025	February 10, 2025	50 MoReg 411
25-16	Establishes the Governor's Workforce of the Future Challenge for the Missouri Department of Elementary and Secondary Education, with the Missouri Department of Education and Workforce Development, to improve existing career and technical education delivery systems	January 28, 2025	50 MoReg 361
25-15	Orders the Office of Childhood within the Missouri Department of Elementary and Secondary Education to improve the state regulatory environment for child care facilities and homes	January 28, 2025	50 MoReg 360
25-14	Establishes the Missouri School Funding Modernization Task Force to develop recommendations for potential state funding models for K-12 education	January 28, 2025	50 MoReg 358
25-13	Orders Executive Department directors and commissioners to solicit input from their respective agency stakeholders and establishes rulemaking requirements for state agencies	January 23, 2025	50 MoReg 356
25-12	Establishes a Code of Conduct for all employees of the Office of the Governor	January 23, 2025	50 MoReg 354
25-11	Designates members of his staff to have supervisory authority over departments, divisions, and agencies of state government	January 23, 2025	50 MoReg 352
25-10	Declares a State of Emergency and activates the Missouri State Emergency Operations Plan due to forecasted severe winter storm systems and exempts hours of service requirements for vehicles transporting products utilized by poultry and livestock producers in their farming and ranching operations until January 24, 2025	January 17, 2025	50 MoReg 350
25-09	Directs the Commissioner of Administration to ensure all flags of the United States and the State of Missouri are flown at full staff at all state buildings and grounds on January 20, 2025 for a period of 24 hours	January 15, 2025	50 MoReg 290
25-08	Declares a State of Emergency and activates the Missouri State Emergency Operations Plan and exempts hours of service requirements for vehicles transporting residential heating fuel until February 2, 2025	January 13, 2025	50 MoReg 288
25-07	Orders the Department of Corrections and the Missouri Parole Board to assemble a working group to develop recommendations to rulemaking for the parole process	January 13, 2025	50 MoReg 287
25-06	Orders the Director of the Department of Public Safety and the Superintendent of the Missouri State Highway Patrol to modify the Patrol's salary schedule by reducing the time of service required to reach the top salary tier from 15 years of service to 12 years of service	January 13, 2025	50 MoReg 286
25-05	Directs the Department of Public Safety in collaboration with the Missouri State Highway Patrol to include immigration status in the state's uniform crime reporting system and to facilitate the collection of such information across the state	January 13, 2025	50 MoReg 285

ORDER	SUBJECT MATTER	FILED DATE	PUBLICATION
25-04	Directs the Director of the Department of Public Safety in collaboration with the Superintendent of the Missouri State Highway Patrol to establish and maintain a memorandum of understanding with the U.S. Department of Homeland Security and actively collaborate with federal agencies. The Superintendent of the Missouri State Highway Patrol shall designate members for training in federal immigration enforcement	January 13, 2025	50 MoReg 284
25-03	Establishes the "Blue Shield Program" within the Department of Public Safety to recognize local governments committed to public safety within their community	January 13, 2025	50 MoReg 282
25-02	Establishes "Operation Relentless Pursuit," a coordinated law enforcement initiative	January 13, 2025	50 MoReg 281
25-01	Declares a State of Emergency and activates the Missouri State Emergency Operations Plan due to forecasted severe winter storm systems and exempts hours of service requirements for vehicles transporting residential heating fuel until January 13, 2025	January 3, 2025	50 MoReg 279

The rule number and the MoReg publication date follow each entry to this index.

ADMINISTRATION, OFFICE OF

notice of periodic rule review; 1 CSR; 7/1/25
registration for prescription drug monitoring program;
1 CSR 60-1.010; 5/1/26
state official's salary compensation schedule; 1 CSR 10; 3/2/26

AGRICULTURE, DEPARTMENT OF

animal health

bonding (surety) requirements for livestock market/sales
licensees; 2 CSR 30-60.030; 6/1/26
duties and facilities of the *livestock* market/sale
veterinarian; 20 CSR 30-6.020; 6/1/26
inspection of meat and poultry; 2 CSR 30-10.010; 2/2/26,
6/15/26
requirements and responsibilities of *livestock* market/sales
licensees; 2 CSR 30-6.015; 6/1/26

grain inspection and warehousing

interpretive rule; 2 CSR 60-5.020; 2/17/26, 7/1/26

notice of periodic rule review; 2 CSR; 7/1/25

plant industries

pine shoot beetle intra-state quarantine; 2 CSR 70-11.070;
7/15/26
[the adoption of terms and definitions for feeds and feed
ingredients] *materials incorporated by reference*;
2 CSR 70-30.015; 7/15/25
thousand cankers disease of walnut exterior quarantine;
2 CSR 70-11.060; 7/15/26

state milk board

state milk board grade "A" milk policies; 2 CSR 80-2.190;
6/2/25

weights, measures and consumer protection

informal hearing; 2 CSR 90-10.140; 2/17/26, 6/1/26
inspection authority—duties; 2 CSR 90-10.011; 2/17/26, 6/1/26
registration—training; 2 CSR 90-10.012; 2/17/26, 6/1/26
yearly propane budget; 2 CSR 90; 6/1/26

CONSERVATION, DEPARTMENT OF

black bass; 3 CSR 10-6.505;
black bear hunting season: application and draw process;
3 CSR 10-7.905;
black bear hunting season: general provisions; 3 CSR 10-7.900;
bullfrogs and green frogs; 3 CSR 10-12.115;
camping; 3 CSR 10-11.140; 7/15/26
chronic wasting disease; 3 CSR 10-4.200; 1/15/26, 5/1/26
chronic wasting disease; management zone; 3 CSR 10-4.200;
class III wildlife breeder: inventory and records required;
3 CSR 10-9.360;
closings; 3 CSR 10-11.115; 3/16/26, 7/1/26
daily small game hunting permit; 3 CSR 10-5.445; 7/15/26
decoys and blinds; 3 CSR 10-11.155;
deer: antlerless deer hunting permit availability;
3 CSR 10-7.437;
deer: archery hunting season; 3 CSR 10-7.432; 7/1/26
deer: chronic wasting disease management program; permit
availability, methods, limits; 3 CSR 10-7.439;
deer: firearms hunting season; 3 CSR 10-7.433; 7/1/26
deer hunting seasons: general provisions; 3 CSR 10-7.431;
7/1/26, 7/15/26
deer: landowner privileges; 3 CSR 10-7.434;
deer: special harvest provisions; 3 CSR 10-7.435;
elk: application and draw process; 3 CSR 10-7.710;
elk: hunting season; 3 CSR 10-7.705;
elk hunting seasons: general provisions; 3 CSR 10-7.700;
endangered species; 3 CSR 10-4.111;
field trials; 3 CSR 10-11.125;
fishing, daily and possession limits; 3 CSR 10-12.140;
fishing, general provisions and seasons; 3 CSR 10-12.130;
3/16/26, 7/1/26
fishing, length limits; 3 CSR 10-12.145;
fishing, methods; 3 CSR 10-12.135;
fishing, methods and hours; 3 CSR 10-11.205;
five-day camping permit; 3 CSR 10-5.925; 7/15/26

furbearers: hunting seasons, methods; 3 CSR 10-7.450;
general provisions; 3 CSR 10-7.405; 3/16/26, 7/1/26
hunting and trapping; 3 CSR 10-12.125;
hunting, fishing and trapping permit pricing: permit fees;
permit replacement cost; 3 CSR 10-5.950; 7/15/26
hunting, general provisions and seasons; 3 CSR 10-11.180;
hunting methods; 3 CSR 10-7.410;
licensed hunting preserve: privileges; 3 CSR 10-9.565;
migratory game birds and waterfowl: seasons, limits;
3 CSR 10-7.440;
nonresident public land deer hunting permit; 3 CSR 10-5.281;
7/15/26
nonresident small game hunting permit; 3 CSR 10-5.545;
7/15/26
notice of periodic rule review; 3 CSR; 7/1/25
permits and privileges: how obtained; not transferable;
3 CSR 10-5.215; 3/16/26, 7/1/26
permits required: exceptions; 3 CSR 10-5.205; 7/15/26
resident lifetime conservation partner permit; 3 CSR 10-5.310;
7/15/26
resident lifetime small game hunting permit; 3 CSR 10-5.320;
7/15/26
resident national guard and reserve service small game
hunting and fishing permit; 3 CSR 10-5.331; 7/15/26
resident small game hunting and fishing permit;
3 CSR 10-5.330; 7/15/26
resident small game hunting permit; 3 CSR 10-5.345; 7/15/26
target shooting and shooting ranges; 3 CSR 10-11.150; 7/15/26
trout permit; 3 CSR 10-5.430; 7/1/25
turkeys: seasons, methods, limits; 3 CSR 10-7.455;
use of boats and motors; 3 CSR 10-12.110; 4/1/26, 7/1/26
walleye and sauger; 3 CSR 10-6.540;
waterfowl hunting; 3 CSR 10-11.186; 3/16/26, 7/1/26

CREDIT AND FINANCE

state banking board

general organization; 20 CSR 1135-1.010; 6/15/26

division of finance

acquisition of Missouri-based banks by holding companies;
20 CSR 1140-10.030; 6/15/26
customer financial services; 20 CSR 1140-6.070; 6/15/26
filing copies; 20 CSR 1140-14.010; 6/15/26

ECONOMIC DEVELOPMENT, DEPARTMENT OF

notice of periodic rule review; 4 CSR; 7/1/25

ELECTED OFFICIALS

attorney general

secretary of state

business continuity and succession planning for
investment advisers; 15 CSR 30-51.155; 7/1/26
campaign contribution limits; 15 CSR 30-14.010; 8/17/26
continuing education requirement for certain investment
adviser representatives; 15 CSR 30-51.055; 7/1/26
dishonest or unethical business practices by investment
advisers and investment adviser representatives;
15 CSR 30-51.172; 7/1/26
effectiveness and post-effective requirements;
15 CSR 30-51.160; 7/1/26
examination requirement; 15 CSR 30-51.030; 7/1/26
financial statements; 15 CSR 30-51.040; 7/1/26
HAVA hearing procedure; 15 CSR 30-12.020; 8/17/26
minimum net worth requirements for investment advisers;
15 CSR 30-51.070; 7/1/26
NASAA statements of policy; 15 CSR 30-52.030; 7/1/26
statewide HAVA grievance procedure; 15 CSR 30-12.010;
8/17/26

**ELEMENTARY AND SECONDARY EDUCATION,
DEPARTMENT OF**

financial and administrative services, division of
learning services, division of

application for certificate of license to teach;
5 CSR 20-400.500; 8/3/26
application for certificates of license to teach on the basis
of certification by the american board for certification of
teacher excellence (ABCTE); 5 CSR 20-400.210; 8/3/26
centers for independent living; 5 CSR 20-500.290; 6/15/26
certification requirements for english language [learners]
development (Kindergarten - Grade 12); 5 CSR 20-400.570;
8/3/26
certification requirements for teacher of K-12 education;
5 CSR 20-400.550; 8/3/26
certification requirements for a teacher of middle school
education (Grades 5-9); 5 CSR 20-400.530; 8/3/26
certification requirements for teacher of secondary
education (Grades 9-12); 5 CSR 20-400.540; 8/3/26
individuals with disabilities education act, part b;
5 CSR 20-300.110; 3/2/26, 6/15/26
mentoring program standards; 5 CSR 20-400.380; 8/3/26
minimum standards; 5 CSR 20-500.140; 1/15/26, 6/1/26
standards for the approval of courses for the education of
persons under veterans' education; 5 CSR 20-500.370;
1/15/26, 6/1/26
notice of periodic rule review; 5 CSR; 7/1/25
office of childhood
eligibility and authorization for child care subsidy;
5 CSR 25-200.060; 6/15/26
general provisions governing programs authorized under
the early childhood development act; 5 CSR 25-100.330;
5/1/26

EXECUTIVE ORDERS

declares a State of Emergency and directs the Missouri State
Emergency Operations Plan be activated in response to the
ongoing and forecasted severe storm systems; 26-12; 6/1/26
declares a State of Emergency and directs the Missouri State
Emergency Operations Plan be activated in response to the
ongoing and forecasted severe storm systems; 26-14; 7/1/26
declares a State of Emergency and directs the Missouri State
Emergency Operations Plan be activated in response to the
severe weather event starting on June 4, 2026; 26-15; 7/15/26
declares a State of Emergency and directs the Missouri State
Emergency Operations Plan be activated in response to the
severe weather event starting on July 9, 2026; 26-16; 8/17/26
extends Executive Order 26-10 until May 31, 2026; 26-13; 6/1/26

HEALTH AND SENIOR SERVICES, DEPARTMENT OF

cannabis regulation, division of
marijuana research facilities; 19 CSR 100-1.200; 5/1/26
community and public health, division of
maternal, child and family health, division of
Missouri health facilities review committee
Missouri health facilities review committee; 19 CSR 60-50;
Missouri state public health laboratory
regulation and licensure, division of
administration of the hospital licensing program;
19 CSR 30-20.015; 5/15/26
administrative, personnel, and resident care requirements
for new and existing residential care facilities;
19 CSR 30-86.042; 3/2/26, 6/15/26
definitions relating to hospitals; 19 CSR 30-20.011; 5/15/26

**HIGHER EDUCATION AND WORKFORCE DEVELOPMENT,
DEPARTMENT OF**

commissioner of higher education
proposed rule for public safety recruitment and retention
scholarship; 6 CSR 10-2.220; 1/15/26, 6/15/26
notice of periodic rule review; 6 CSR; 7/1/25

INSURANCE

applied behavior analysis maximum benefit; 20 CSR; 2/17/26
construction claims binding arbitration cap; 20 CSR; 2/17/26
non-economic damages in medical malpractice cap; 20 CSR;
2/17/26
sovereign immunity limits; 20 CSR; 2/17/26
state legal expense fund; 20 CSR; 2/17/26
insurance solvency and company regulation

annual filings due by march 1; 20 CSR 200-9.800; 4/1/26,
8/17/26
extended Missouri mutual companies' approved
investments; 20 CSR 200-12.020; 5/15/26

insurer conduct
property and casualty

**LABOR AND INDUSTRIAL RELATIONS, DEPARTMENT OF
division of worker's compensation**

rules governing line of duty compensation; 8 CSR 50-2.070;
6/1/26
notice of periodic rule review; 8 CSR; 7/1/26

MENTAL HEALTH, DEPARTMENT OF

certification standards
access crisis intervention (ACI) programs; 9 CSR 30-4.195;
6/1/26
intensive community psychiatric rehabilitation (ICPR);
9 CSR 30-4.045; 8/3/26
notice of periodic rule review; 9 CSR; 7/1/26

MISSOURI CONSOLIDATED HEALTH CARE PLAN**NATIONAL GUARD, MISSOURI DEPARTMENT OF THE
adjutant general (Moved from Title 11)****NATURAL RESOURCES, DEPARTMENT OF**

air conservation commission
asbestos projects—certification, accreditation and business
exemption requirements; 10 CSR 10-6.250; 12/15/25, 6/1/26
asbestos projects—registration, abatement, notification,
inspection, demolition, and performance requirements;
10 CSR 10-6.241; 12/15/25, 6/1/26
chemical accident prevention for agriculture anhydrous
ammonia; 10 CSR 10-6.255; 12/15/25, 6/1/26
construction permits by rule; 10 CSR 10-6.062; 12/15/25,
6/1/26
construction permits required; 10 CSR 10-6.060; 12/15/25,
6/1/26
emission standards for hazardous air pollutants;
10 CSR 10-6.080; 4/15/26
fees; 10 CSR 10-6.025; 12/15/25, 6/1/26
maximum achievable control technology regulations;
10 CSR 10-6.075; 4/15/26
new source performance regulations; 10 CSR 10-6.070;
4/15/26
operating permits; 10 CSR 10-6.065; 12/15/25, 6/1/26
reporting emission data, emission fees, and process
information; 10 CSR 10-6.110; 12/15/25, 6/1/26
clean water commission
construction and operating permits; 10 CSR 20-6.010; 1/2/26,
6/15/26
hazardous waste management commission
yearly permit modifications list; 10 CSR 25-7; 6/1/26
notice of periodic rule review; 10 CSR; 7/1/26
solid waste management
definitions; 10 CSR 80-2.010; 8/17/26
design and operation; 10 CSR 80-3.010; 8/17/26
well installation
definitions; 10 CSR 23-1.010; 6/1/26
certification and registration; 10 CSR 23-2.020; 6/1/26
fee structure; 10 CSR 23-2.010; 2/17/26, 6/17/26, 8/17/26
permits; 10 CSR 23-1.090; 6/1/26

PROFESSIONAL REGISTRATION

athletics, office of
behavior analyst advisory board
application for licensure; 20 CSR 2063-2.005; 4/1/26, 7/15/26
education and training requirements; 20 CSR 2063-4.005;
8/17/26
fees; 20 CSR 2063-1.015; 4/1/26, 7/15/26
supervision of licensed assistant behavior analysts,
provisionally licensed behavior analysts, and
provisionally licensed assistant behavior analysts;
20 CSR 2063-5.005; 7/1/26
chiropractic examiners, state board of

biennial license renewal; 20 CSR 2070-2.080; 1/15/26, 6/15/26
cosmetology and barber examiners, board of
dietitians, state committee of
embalmers and funeral directors, state board of
marital and family therapists, state committee of
educational requirements; 20 CSR 2233-2.010; 2/17/26, 6/1/26
examinations; 20 CSR 2233-2.040; 2/17/26, 6/1/26
registered supervisors and supervisory responsibilities;
20 CSR 2233-2.021; 2/17/26, 6/1/26
supervised marital and family work experience;
20 CSR 2233-2.020; 2/17/26, 6/1/26

Missouri Board for Architects, Professional Engineers,
Professional Land Surveyors, and Professional Landscape
Architects

application, renewal, relicensure, and miscellaneous fees;
20 CSR 2030-6.015; 3/16/26, 7/15/26
immediate personal supervision; 20 CSR 2030-13.010;
3/16/26, 7/15/26

Missouri board of geologist registration
fees; 20 CSR 2145-1.040; 4/1/26, 7/15/26

Missouri dental board

definition of a public health setting; 20 CSR 2110-2.131;
7/15/26
dental assistants; 20 CSR 2110-2.120; 3/16/26, 8/17/26
dental hygienists; 20 CSR 2110-2.130; 3/16/26, 8/17/26

Missouri state committee of interpreters
fees; 20 CSR 2232-1.040; 4/1/26, 7/15/26

Missouri veterinary medical board
occupational therapy, Missouri board of
fees; 20 CSR 2205-1.050; 4/1/26, 8/17/26

pharmacy, state board of

nuclear pharmacy – minimum standards for operations;
20 CSR 2220-2.500; 1/15/26, 6/1/26
pharmacist license renewal and continuing pharmacy
education; 20 CSR 2220-7.080; 5/1/26
prescription dispensing during a pharmacist temporary
absence; 20 CSR 2220-2.197; 4/1/26, 7/15/26
sterile compounding; 20 CSR 2220-2.200; 1/15/26, 6/1/26

private investigator and private fire investigator examiners,
board of

application for licensure – agency employee;
20 CSR 2234-3.040; 3/2/26, 6/15/26

professional registration, board of
psychologists, state committee of
fees; 20 CSR 2235-1.020; 4/1/26, 7/15/26

real estate appraisers

registration for the healing arts, state board of
social workers, state committee for
continuing education; 20 CSR 2263-2.082; 3/2/26, 6/15/26
supervised licensed social work experience;
20 CSR 2263-2.030; 3/2/26, 6/15/26

statewide electrical contractors, office of
fees; 20 CSR 2117-1.070; 6/15/26

therapeutic massage, board of

PUBLIC SAFETY, DEPARTMENT OF

adjutant general (Moved to Title 23)

alcohol and tobacco control, division of

malt liquor tax; 11 CSR 70-2.080; 1/2/26, 6/1/26
report of brewers, beer manufacturers, solicitors, and beer
wholesalers; 11 CSR 70-2.100; 1/2/26, 6/1/26

fire safety, division of

Missouri gaming commission

Missouri state highway patrol

PUBLIC SERVICE COMMISSION

administration and enforcement;

20 CSR 4240-123.020; 6/1/26

20 CSR 4240-124.020; 6/1/26

annual reports, statements of revenue, and assessments;

20 CSR 4240-28.012; 7/15/26

application requirements; 20 CSR 4240-31.016; 7/15/26

approval of manufacturing programs; 20 CSR 4240-123.040;
6/1/26

arbitration; 20 CSR 4240-36.040; 7/15/26

commission approval of agreements reached by arbitration;

20 CSR 4240-36.050; 7/15/26

communications that are not ex parte or extra-record

communications; 20 CSR 4240-4.040; 7/15/26

complaints; 20 CSR 4240-124.060; 6/1/26

complaints and review of manager action(s);

20 CSR 4240-120.110; 6/1/26

20 CSR 4240-123.090; 6/1/26

consumer recovery fund; 20 CSR 4240-126.020; 6/1/26

database accuracy standards; 20 CSR 4240-34.090; 7/15/26

definitions;

20 CSR 4240-3.010; 7/1/26

20 CSR 4240-29.020; 7/15/26

20 CSR 4240-34.020; 7/15/26

20 CSR 4240-120.011; 6/1/26

20 CSR 4240-123.010; 6/1/26

20 CSR 4240-124.010; 6/1/26

20 CSR 4240-125.010; 6/1/26

20 CSR 4240-126.010; 6/1/26

20 CSR 4240-127.010; 6/1/26

definitions pertaining specifically to electric utility rules;

20 CSR 4240-3.100; 7/1/26

definitions pertaining specifically to gas utility rules;

20 CSR 4240-3.200; 7/1/26

definitions pertaining specifically to sewer utility rules;

20 CSR 4240-3.300; 7/1/26

electric utility environmental cost recovery mechanisms

filing and submission requirements; 20 CSR 4240-3.162;
7/1/26

electric utility renewable energy standard filing

requirements; 20 CSR 4240-3.156; 7/1/26

filing procedures; 20 CSR 4240-36.020; 7/15/26

filing requirements and schedule of fees applicable to
applications for post-annexation assignment of exclusive
service territories and determination of compensation;
20 CSR 4240-3.135; 7/1/26

filing requirements and schedule of fees for applications
for approval of electric service territorial agreements and
petitions for designation of electric service areas;
20 CSR 4240-3.130; 7/1/26

filing requirements for applications for approval of water
service territorial agreements; 20 CSR 4240-3.625; 7/1/26

filing requirements for applications for authority for a change
of electrical suppliers; 20 CSR 4240-3.140; 7/1/26

filing requirements for electric utility promotional practices;
20 CSR 4240-3.150; 7/1/26

filing requirements for gas storage companies requesting
the authority to acquire property through eminent domain
proceedings; 20 CSR 4240-3.230; 7/1/26

filing requirements for gas utility applications for certificates
of convenience and necessity; 20 CSR 4240-3.205; 7/1/26

filing requirements for gas utility promotional practices;
20 CSR 4240-3.255; 7/1/26

filing requirements for steam heating utility applications for
certificates of convenience and necessity;

20 CSR 4240-3.400; 7/1/26

general definitions;

20 CSR 4240-3.010; 7/1/26

20 CSR 4240-4.015; 7/15/26

general provisions;

20 CSR 4240-4.017; 7/15/26

20 CSR 4240-29.030; 7/15/26

gratuities; 20 CSR 4240-4.010; 7/15/26

incident, annual, and safety-related condition reporting
requirements; 20 CSR 4240-40.020; 6/1/26

licensing; 20 CSR 4240-125.060; 6/1/26

manufactured home installer license; 20 CSR 4240-125.040;
6/1/26

mediation; 20 CSR 4240-36.030; 7/15/26

minimum filing requirements for utility company general
rate increase requests; 20 CSR 4240-3.030; 7/1/26

network configuration; 20 CSR 4240-28.014; 7/15/26

objections to payment invoices; 20 CSR 4240-29.100; 7/15/26

requirements for electric utility cogeneration tariff filings;
20 CSR 4240-3.155; 7/1/26

safety standards – transportation of gas by pipeline;

20 CSR 4240-40.030; 6/1/26

seals; 20 CSR 4240-123.030; 6/1/26
state reliability mechanism (SRM); 20 CSR 4240-23.040; 2/17/26,
8/3/26
the LEC-to-LEC network; 20 CSR 4240-29.010; 7/15/26

RETIREMENT SYSTEMS

the public school retirement system of Missouri
additional benefits for retirees, beneficiaries and members
on disability; 16 CSR 10-5.050; 3/2/26, 7/1/26
benefits to advisers; 16 CSR 10-5.060; 3/2/26, 7/1/26
calculation of retirement allowance for a member with
services in a college or agency also providing social
security coverage; 16 CSR 10-5.040; 3/2/26, 7/1/26
disability retirement;
16 CSR 10-5.020; 3/2/26, 7/1/26
16 CSR 10-6.070; 3/2/26, 7/1/26
employment; 16 CSR 10-6.010; 3/2/26, 7/1/26
payment for reinstatement and credit purchases;
16 CSR 10-6.045; 3/2/26, 7/1/26
payment of funds to the retirement system; 16 CSR 10-3.010;
3/2/26, 7/1/26
prior service credit;
16 CSR 10-4.020; 3/2/26, 7/1/26
16 CSR 10-6.050; 3/2/26, 7/1/26
reinstatement and credit purchases; 16 CSR 10-4.014; 3/2/26,
7/1/26
requirements for membership; 16 CSR 10-4.005; 3/2/26,
7/1/26
service retirement;
16 CSR 10-5.010; 3/2/26, 7/1/26
16 CSR 10-6.060; 3/2/26, 7/1/26
source of funds; 16 CSR 10-6.020; 3/2/26, 7/1/26
Missouri local government employees' retirement system
(LAGERS)
the county employees' retirement fund

REVENUE, DEPARTMENT OF

director of revenue
aggregate amount defined; 12 CSR 10-103.170; 6/15/26
annual filing; 12 CSR 10-103.640; 7/15/26
dealer administrative fees and system modernization;
12 CSR 10-26.230; 3/16/26, 7/1/26
determining whether a transaction is subject to sales tax or
use tax; 12 CSR 10-113.200; 6/15/26
filing final return; 12 CSR 10-103.180; 7/15/26
filing returns when no liability exists; 12 CSR 10-103.185;
7/15/26
frivolous returns; 12 CSR 10-2.135; 6/15/26
items used or consumed by commercial printers, as defined
in section 144.054, RSMo; 12 CSR 10-111.101; 6/15/26
lease or rental of tangible personal property;
12 CSR 10-108.700; 8/17/26
maximum dealer administrative fees; 12 CSR 10-26.231;
3/16/26, 7/1/26
Missouri school bus operator's [permit] *endorsement* driving
history guidelines; 12 CSR 10-24.160; 7/15/26
no-fee transactions; 12 CSR 10-23.305; 7/15/26
power of attorney; 12 CSR 10-41.030; ; 7/15/26
return required; 12 CSR 10-103.630; 7/15/26
timely filing; 12 CSR 10-103.310; 6/15/26
state lottery
fast play game; 12 CSR 40-100.010; 5/1/26
state tax commission
agriculture land productive values; 12 CSR 30-4.010; 2/2/26
6/15/26

SOCIAL SERVICES, DEPARTMENT OF

children's division
contracted foster care case management costs;
13 CSR 35-35.130; 4/15/26, 8/17/26
family support division
mo healthnet division
behavioral health services program; 13 CSR 70-98.015;
2/2/26, 6/1/26
department is the payer of last resort, department's claim
for recovery, participant's duty of cooperation;

13 CSR 70-4.120; 4/1/26, 7/15/26
doula services; 13 CSR 70-25.160; 6/15/26
federal reimbursement allowance (FRA); 13 CSR 70-15.110;
7/15/26
hearing aid program; 13 CSR 70-45.010; 5/15/26
inpatient hospital services reimbursement methodology;
13 CSR 70-15.010; 8/1/25, 10/15/25, 4/1/26, 7/15/26
inpatient psychiatric services for individuals under age
twenty-one; 13 CSR 70-15.070; 2/2/26, 6/1/26
payment and payment limitations for inpatient hospital
care; 13 CSR 70-15.030; 4/1/26, 8/3/26
payment policy for provider preventable conditions;
13 CSR 70-3.230; 7/1/26
procedures for admission certification, continued stay
review, and validation review of hospital admissions;
13 CSR 70-15.020; 4/15/26, 8/3/26
provider-based rural health clinic; 13 CSR 70-94.020; 8/3/26
transformation of rural community health (ToRCH);
13 CSR 70-94.030; 4/1/26, 8/3/26

TRANSPORTATION, MISSOURI DEPARTMENT OF
highway safety and traffic division

Missouri highways and transportation commission
contractor performance project evaluation used for
determining contractor performance; 7 CSR 10-10.040;
3/16/26, 8/17/26
definitions; 7 CSR 10-10.010; 3/16/26, 8/17/26
determination of nonresponsibility; 7 CSR 10-10.080; 3/16/26,
8/17/26
explanation of contractor performance rating system;
7 CSR 10-10.020; 3/16/26, 8/17/26
explanation of standard deviation rating system for all
contractors; 7 CSR 10-10.060; 3/16/26, 8/17/26
procedure and schedule for completing the contractor
performance project evaluation; 7 CSR 10-10.050; 3/16/16,
8/17/26
procedure for annual rating of contractors; 7 CSR 10-10.070;
3/16/16, 8/17/26
rating categories for evaluating the performance of a
contractor; 7 CSR 10-10.030; 3/16/26, 8/17/26
reservation of rights to recommend or declare persons or
contractors nonresponsible on other grounds;
7 CSR 10-10.090; 3/16/26, 8/17/26
notice of periodic rule review; 7 CSR; 7/1/26

Rulemaking Classes

Are you new to rulemaking or in need of a refresher course to assist you in filing rules or understanding the rulemaking process?

The Administrative Rules Division offers group and individual classes for rule drafting and preparation of rule packets. Please call Curtis at (573) 751-2022 or email curtis.treat@sos.mo.gov to schedule a class.

We offer both in-person and virtual classes.

Administrative Rules Contact Information

General Inquiries

(573) 751-4015
rules@sos.mo.gov

Curtis W. Treat, Director

(573) 751-2022
curtis.treat@sos.mo.gov

Stephanie Martin, Managing Editor

(573) 751-4015
stephanie.martin@sos.mo.gov

Vonne Kilbourn, Editor

(573) 751-1818
vonne.kilbourn@sos.mo.gov

Aaron Reed, Editor

(573) 522-2593
aaron.reed@sos.mo.gov

Jacqueline D. White, Senior Publications Specialist

(573) 526-1259
jacqueline.white@sos.mo.gov