# Second Regular Session Seventy-fourth General Assembly STATE OF COLORADO

# PREAMENDED

This Unofficial Version Includes Committee Amendments Not Yet Adopted on Second Reading

LLS NO. 24-0807.01 Sarah Lozano x3858

**HOUSE BILL 24-1330** 

**HOUSE SPONSORSHIP** 

Bacon and Willford, Kipp

Cutter,

### SENATE SPONSORSHIP

House Committees Energy & Environment Finance Appropriations **Senate Committees** 

## A BILL FOR AN ACT

#### 101 CONCERNING MODIFICATIONS OF PROCESSES TO OBTAIN PERMITS FOR

102 ACTIVITIES THAT IMPACT AIR QUALITY.

#### **Bill Summary**

(Note: This summary applies to this bill as introduced and does not reflect any amendments that may be subsequently adopted. If this bill passes third reading in the house of introduction, a bill summary that applies to the reengrossed version of this bill will be available at <u>http://leg.colorado.gov.</u>)

Section 1 of the bill clarifies that a request for general permit registration does not constitute having a valid construction permit (permit).

Section 1 also requires the division of administration in the department of public health and environment (division) or the air quality control commission (commission), in evaluating a permit application for

an emitting source (source) that includes an oil and gas system (oil and gas system), to:

- Aggregate emissions from the oil and gas system; and
- Include emissions from exploration and preproduction activities.

Section 2 requires that the division or the commission only grant permits for certain proposed sources in a nonattainment area if:

- The division or commission determines that the proposed source will not contribute to an exceedance of any applicable national ambient air quality standard (determination);
- The owner or operator of the proposed source achieves emissions reductions of each air pollutant for which the nonattainment area is in nonattainment that are equal to or greater than the anticipated emissions of the proposed source; and
- The proposed source is not in a disproportionately impacted community.

On and after January 1, 2025, the division or commission must base any determination on the modeling of air quality impacts from emissions (air quality modeling).

If a permit is granted after air quality modeling is conducted:

- Any assumption used in the air quality modeling must be included in the permit as a permit condition; and
- Any averaging time utilized for a permit condition must be no greater than the averaging time for any applicable national ambient air quality standard.

Section 3 requires the energy and carbon management commission to require that an oil and gas operator obtain a permit from the division or the commission before making a final determination on an oil and gas permit application.

Be it enacted by the General Assembly of the State of Colorado: 1

- 2 SECTION 1. In Colorado Revised Statutes, amend 25-7-114.2
- 3 as follows:
- 4 25-7-114.2. Construction permits - oil and gas operations -5
  - definitions. (1) As used in this section, unless the context
- 6 **OTHERWISE REQUIRES:**
- (a) "MODIFY" OR "MODIFIED" MEANS ANY PHYSICAL CHANGE IN, 7

1 OR CHANGE IN THE METHOD OF OPERATION OF, A STATIONARY SOURCE 2 THAT: 3 (I) INCREASES THE AMOUNT OF ANY AIR POLLUTANT EMITTED BY 4 THE STATIONARY SOURCE BY ANY AMOUNT ON AN ANNUAL OR HOURLY 5 BASIS; OR 6 (II) RESULTS IN THE EMISSIONS OF ANY AIR POLLUTANT NOT 7 PREVIOUSLY EMITTED BY THE STATIONARY SOURCE. 8 (b) "OIL AND GAS FACILITY" HAS THE MEANING SET FORTH IN 9 SECTION 34-60-103 (6.2). 10 (c) "OIL AND GAS LOCATION" HAS THE MEANING SET FORTH IN 11 SECTION 34-60-103 (6.4). 12 (d) "OIL AND GAS SYSTEM" INCLUDES ALL OF THE OIL AND GAS 13 FACILITIES THAT ARE UNDER COMMON CONTROL OF AN OPERATOR AND 14 THAT ARE EITHER: 15 (I) LOCATED AT THE SAME OIL AND GAS LOCATION; OR 16 (II) LOCATED AT DIFFERENT OIL AND GAS LOCATIONS THAT ARE 17 WITHIN TWO MILES OF EACH OTHER, MEASURED FROM THE EDGE OF EACH 18 OIL AND GAS LOCATION, AND THAT USE SHARED EQUIPMENT. (e) "OPERATOR" HAS THE MEANING SET FORTH IN SECTION 19 20 34-60-103 (6.8). 21 (f) "SHARED EQUIPMENT" INCLUDES STORAGE TANKS, PHASE 22 SEPARATORS, NATURAL GAS DEHYDRATORS, FLOWLINES, BOILERS, SPARK 23 IGNITION AND COMPRESSION IGNITION ENGINES, GLYCOL DEHYDRATORS, 24 AMINE SWEETENING UNITS, EMISSIONS CONTROL DEVICES, PIPELINE 25 COMPRESSORS, UNDERGROUND INJECTION WELLS, AND PUMP STATIONS. 26 (2) (a) No A person shall NOT construct or substantially alter MODIFY any building, facility, structure, or installation, except 27

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1 single-family residential structures, or install any machine, equipment, or 2 other device, or commence the conduct of any such activity OF THESE 3 ACTIVITIES, or commence performance of any combinations thereof OF 4 THESE ACTIVITIES, or commence operations of any of the same which 5 THESE ACTIVITIES THAT will or do constitute a new stationary source or 6 a new indirect air pollution source without first obtaining or having a 7 valid construction permit therefor FOR THESE ACTIVITIES from the division 8 or commission, as the case may be; except that no A construction permit 9 shall be IS NOT required for new indirect air pollution sources until 10 regulations RULES regarding construction permits for such NEW INDIRECT 11 AIR POLLUTION sources have been promulgated by the commission, but in 12 no event shall regulations RULES governing indirect air pollution sources 13 MUST NOT be more stringent than those required for compliance with the 14 federal act and final rules and regulations adopted pursuant thereto TO 15 THE FEDERAL ACT.

16 (b) Any emission permit validly issued prior to July 1, 1992, 17 pursuant to section 25-7-114, as said THAT section existed prior to July 1, 18 1992, and in effect on or after July 1, 1992, shall be IS deemed to be a 19 valid construction permit issued pursuant to this section. The commission 20 shall designate by regulation RULE those classes of minor or insignificant 21 sources of air pollution which THAT are exempt from the requirement for 22 a permit because of their THE MINOR OR INSIGNIFICANT SOURCE'S 23 negligible impact on air quality.

24

25 (3) (a) IN EVALUATING A CONSTRUCTION PERMIT APPLICATION FOR
26 A PROPOSED NEW OR MODIFIED OIL AND GAS SYSTEM, INCLUDING IN
27 DETERMINING WHETHER THE OIL AND GAS SYSTEM IS A MAJOR OR MINOR

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SOURCE AND INCLUDING IN ANY AIR QUALITY MODELING REQUIRED
 PURSUANT TO SECTION 25-7-114.9 (2)(b)(II)(A), THE DIVISION OR THE
 COMMISSION, AS APPLICABLE, SHALL:

4 (I) AGGREGATE EMISSIONS ACROSS THE OIL AND GAS SYSTEM; AND
5 (II) INCLUDE EMISSIONS FROM EXPLORATION AND PREPRODUCTION
6 ACTIVITIES.

7 (b) NOTWITHSTANDING ANY PROVISION OF LAW TO THE
8 CONTRARY, THIS SUBSECTION (3) DOES NOT APPLY TO ANY PUBLIC UTILITY
9 REGULATED BY THE PUBLIC UTILITIES COMMISSION.

SECTION 2. In Colorado Revised Statutes, add 25-7-114.9 as
follows:

12 25-7-114.9. Requirements for oil and gas permit applications
13 in a nonattainment area - definitions. (1) As used in this section,
14 UNLESS THE CONTEXT OTHERWISE REQUIRES:

(a) "AIR QUALITY MODELING" MEANS THE MODELING OF AIR
QUALITY IMPACTS OF THE COMBINED EMISSIONS FROM ALL EMISSION UNITS
AT A PROPOSED NEW OR MODIFIED OIL AND GAS SYSTEM THAT IS
CONDUCTED PURSUANT TO THE MOST RECENT VERSION OF APPENDIX W OF
40 CFR 51, OR ANY SUCCESSOR FEDERAL REGULATION, AND ANY
RELEVANT FEDERAL ENVIRONMENTAL PROTECTION AGENCY GUIDANCE
FOR OZONE AND FINE PARTICULATE MATTER PERMIT MODELING.

(b) "MODIFY" OR "MODIFIED" MEANS ANY PHYSICAL CHANGE IN,
OR CHANGE IN THE METHOD OF OPERATION OF, AN OIL AND GAS SYSTEM
THAT:

(I) INCREASES THE AMOUNT OF ANY AIR POLLUTANT EMITTED BY
THE OIL AND GAS SYSTEM BY ANY AMOUNT ON AN ANNUAL OR HOURLY
BASIS; OR

1 (II) RESULTS IN THE EMISSIONS OF ANY AIR POLLUTANT NOT 2 PREVIOUSLY EMITTED BY THE OIL AND GAS SYSTEM.

3 (c) "NONATTAINMENT AIR POLLUTANT" MEANS ANY AIR
4 POLLUTANT, INCLUDING ANY PRECURSOR AIR POLLUTANTS, FOR WHICH A
5 NONATTAINMENT AREA IS IN NONATTAINMENT WITH ANY APPLICABLE
6 NATIONAL AMBIENT AIR QUALITY STANDARD.

7 (d) "NONATTAINMENT AREA" MEANS ANY AREA THAT IS
8 DESIGNATED BY THE FEDERAL ENVIRONMENTAL PROTECTION AGENCY AS
9 BEING IN NONATTAINMENT WITH ANY APPLICABLE NATIONAL AMBIENT AIR
10 QUALITY STANDARD.

11 (e) "OIL AND GAS SYSTEM" HAS THE MEANING SET FORTH IN
12 SECTION 25-7-114.2 (1).

13 (2) (a) FOR ANY PROPOSED NEW OR MODIFIED OIL AND GAS SYSTEM
14 IN A NONATTAINMENT AREA, THE DIVISION OR COMMISSION, AS
15 APPLICABLE, MAY GRANT A CONSTRUCTION PERMIT APPLICATION
16 PURSUANT TO THIS ARTICLE 7 ONLY IF:

17 (I) THE DIVISION OR COMMISSION DETERMINES THAT THE
18 PROPOSED NEW OR MODIFIED OIL AND GAS SYSTEM WILL NOT CAUSE OR
19 CONTRIBUTE TO AN EXCEEDANCE OF ANY APPLICABLE NATIONAL AMBIENT
20 AIR QUALITY STANDARDS AND WILL COMPLY WITH ALL OTHER APPLICABLE
21 FEDERAL REGULATIONS;

(II) THE OWNER OR OPERATOR OF THE PROPOSED NEW OR
MODIFIED OIL AND GAS SYSTEM ACHIEVES EMISSIONS REDUCTIONS OF
EACH NONATTAINMENT AIR POLLUTANT FROM EXISTING SOURCES IN THE
NONATTAINMENT AREA THAT ARE EQUAL TO OR GREATER THAN THE
ANTICIPATED EMISSIONS OF EACH NONATTAINMENT AIR POLLUTANT BY
THE PROPOSED NEW OR MODIFIED OIL AND GAS SYSTEM; AND

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(III) THE PROPOSED NEW OR MODIFIED OIL AND GAS SYSTEM IS NOT
 LOCATED IN A DISPROPORTIONATELY IMPACTED COMMUNITY.

3 (b) (I) ON AND AFTER JANUARY 1, 2025, THE DIVISION OR
4 COMMISSION, AS APPLICABLE, SHALL BASE ANY DETERMINATION MADE
5 PURSUANT TO SUBSECTION (2)(a)(I) OF THIS SECTION ON AIR QUALITY
6 MODELING, WHICH DETERMINATION MUST NOT BE BASED ON AIR QUALITY
7 MONITORING IN LIEU OF AIR QUALITY MODELING.

8 (II) THE AIR QUALITY MODELING DESCRIBED IN SUBSECTION
9 (2)(b)(I) OF THIS SECTION MUST INCLUDE:

10 (A) IF APPLICABLE, MODELING OF THE AIR QUALITY IMPACTS OF
11 THE EMISSIONS DESCRIBED IN SECTION 25-7-114.2 (3)(a); AND

12 (B) MODELING TO EXAMINE COMPLIANCE WITH THE ONE-HOUR13 NITROGEN DIOXIDE NATIONAL AMBIENT AIR QUALITY STANDARDS.

14 (c) IF A CONSTRUCTION PERMIT APPLICATION IS GRANTED BY THE
15 DIVISION OR COMMISSION, AS APPLICABLE, BASED ON AIR QUALITY
16 MODELING PURSUANT TO SUBSECTION (2)(b)(I) OF THIS SECTION:

(I) ANY ASSUMPTION USED IN THE AIR QUALITY MODELING AND
ANY EMISSIONS REDUCTIONS THAT THE OWNER OR OPERATOR WILL
ACHIEVE PURSUANT TO SUBSECTION (2)(a)(II) OF THIS SECTION MUST BE
INCLUDED IN THE CONSTRUCTION PERMIT AS AN ENFORCEABLE PERMIT
CONDITION; AND

(II) ANY AVERAGING TIME UTILIZED FOR AN ENFORCEABLE PERMIT
 CONDITION DESCRIBED IN SUBSECTION (2)(c)(I) OF THIS SECTION MUST BE
 NO GREATER THAN THE AVERAGING TIME FOR ANY APPLICABLE NATIONAL
 AMBIENT AIR QUALITY STANDARD.

26 SECTION 3. In Colorado Revised Statutes, 34-60-106, amend
27 (1)(i) and (1)(j); and add (1)(k) as follows:

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34-60-106. Additional powers of commission - rules definitions - repeal. (1) The commission also shall require:

3 (i) Certificates of clearance in connection with the transportation
4 and delivery of oil and gas or any product; and

5 (j) Metering or other measuring of oil, gas, or product in pipelines,
6 gathering systems, loading racks, refineries, or other places; AND

(k) THAT AN OPERATOR APPLYING FOR A PERMIT FROM THE
COMMISSION OBTAIN ANY CONSTRUCTION PERMIT REQUIRED BY ARTICLE
7 OF TITLE 25 FOR THE APPLICABLE OIL AND GAS LOCATION FROM THE
DIVISION OF ADMINISTRATION IN THE DEPARTMENT OF PUBLIC HEALTH AND
ENVIRONMENT OR THE AIR QUALITY CONTROL COMMISSION, AS
APPLICABLE, BEFORE MAKING A FINAL DETERMINATION ON THE PERMIT
APPLICATION.

SECTION 4. Applicability. This act applies to conduct occurring
 on or after the effective date of this act, including determinations of
 applications pending on the effective date.

17 SECTION 5. Safety clause. The general assembly finds, 18 determines, and declares that this act is necessary for the immediate 19 preservation of the public peace, health, or safety or for appropriations for 20 the support and maintenance of the departments of the state and state 21 institutions.