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

# REVISED

This Version Includes All Amendments Adopted on Second Reading in the Second House HOUSE BILL 23, 1069

LLS NO. 23-0267.01 Sarah Lozano x3858

HOUSE BILL 23-1069

#### HOUSE SPONSORSHIP

**McCormick and Amabile,** Bacon, Bird, Boesenecker, Brown, deGruy Kennedy, Dickson, Froelich, Gonzales-Gutierrez, Hamrick, Jodeh, Lindsay, Mabrey, McCluskie, McLachlan, Ortiz, Parenti, Sharbini, Snyder, Story, Titone, Valdez, Velasco, Weissman, Willford, Woodrow

### SENATE SPONSORSHIP

Cutter and Priola,

House Committees Energy & Environment Appropriations Senate Committees Transportation & Energy Appropriations

## A BILL FOR AN ACT

101	CONCERNING THE CREATION OF THE BIOCHAR IN OIL AND GAS WELL
102	PLUGGING WORKING ADVISORY GROUP TO MAKE
103	RECOMMENDATIONS FOR THE DEVELOPMENT OF A PILOT
104	PROGRAM TO STUDY THE USE OF BIOCHAR IN THE PLUGGING OF
105	OIL AND GAS WELLS, AND, IN CONNECTION THEREWITH, MAKING
106	AN APPROPRIATION.

### **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>.)

The bill creates the biochar in oil and gas well plugging working





HOUSE Amended 2nd Reading April 21, 2023 advisory group (work group) in the oil and gas conservation commission (commission). The work group's purpose is to make recommendations for the development of a pilot program to study the use of biochar in the plugging of oil and gas wells.

No later than September 1, 2023, the work group must submit a draft report to the commission detailing its recommendations for the pilot program. After coordinating with the commission to develop a final report, no later than February 1, 2024, the work group must present the report to the transportation and energy committee of the senate and the energy and environment committee of the house of representatives.

1 Be it enacted by the General Assembly of the State of Colorado: 2 **SECTION 1. Legislative declaration.** (1) The general assembly 3 finds and declares that: 4 (a) It is important to focus on finding innovative solutions to: 5 (I) Mitigate the impacts of climate change; 6 (II) Further protect human and animal health; and 7 (III) Lower the carbon footprint of current methods of plugging 8 oil and gas wells; 9 (b) The state recognizes the importance of regulating the oil and 10 gas industry and supports the implementation of practices and 11 technologies to address emission reduction goals and research to develop 12 these practices and technologies; 13 (c) The state should continue to regulate the plugging of oil and 14 gas wells by both state agencies and the oil and gas industry; 15 (d) It is important to create opportunities for the oil and gas 16 industry to permanently sequester carbon from the atmosphere; 17 (e) Exploring the use of biochar in oil and gas well plugging 18 operations may potentially open up economic opportunities for Colorado 19 to become a leader in the use of biochar in oil and gas well plugging 20 operations; and

1	(f) Biochar could be beneficial to efforts by the oil and gas
2	industry to reduce greenhouse gas emissions in Colorado.
3	(2) The general assembly further finds and declares that it is in the
4	interest of Colorado to convene a working advisory group that
5	coordinates with Colorado state university and makes recommendations
6	on establishing a pilot program to study the use of biochar in oil and gas
7	well plugging operations.
8	SECTION 2. In Colorado Revised Statutes, add 34-60-134 as
9	follows:
10	34-60-134. Biochar in oil and gas well plugging working
11	advisory group - created - members - study by Colorado state
12	university - recommendations for the development of a pilot program
13	- report - definitions - repeal. $(1)$ As used in this section, unless the
14	CONTEXT OTHERWISE REQUIRES:
15	(a) "BIOCHAR" MEANS THE SOLID CARBON-RICH PRODUCT MADE
16	WHEN WOODY BIOMASS UNDERGOES PYROLYSIS IN AN OXYGEN-DEPLETED
17	ATMOSPHERE AT APPROXIMATELY EIGHT HUNDRED DEGREES CELSIUS.
18	(b) "COLORADO ENERGY OFFICE" MEANS THE COLORADO ENERGY
19	OFFICE CREATED IN SECTION $24-38.5-101$ (1).
20	(c) "DIRECTOR" MEANS THE DIRECTOR OF THE COMMISSION
21	APPOINTED PURSUANT TO SECTION $34-60-104.5$ (1) or the director's
22	DESIGNEE.
23	(d) "Environmental justice advisory board" means the
24	ENVIRONMENTAL JUSTICE ADVISORY BOARD CREATED IN SECTION
25	25-1-134 (2)(a).
26	(e) "LOCAL GOVERNMENT" MEANS A HOME RULE OR STATUTORY
27	COUNTY, MUNICIPALITY, OR CITY AND COUNTY.

-3-

(f) "PILOT PROGRAM" MEANS THE PILOT PROGRAM DESCRIBED IN 1 2 SUBSECTION (4)(b) OF THIS SECTION. 3 (g) "SELECTED OIL AND GAS WELLS" MEANS THE OIL AND GAS 4 WELLS SELECTED BY THE WORK GROUP PURSUANT TO SUBSECTION 5 (4)(c)(II) OF THIS SECTION. "STATE FOREST SERVICE" MEANS THE COLORADO STATE 6 (h) FOREST SERVICE IDENTIFIED IN SECTION 23-31-302. 7 8 "UNIVERSITY" MEANS COLORADO STATE UNIVERSITY (i) 9 ESTABLISHED IN SECTION 23-31-101. (i) "WORK GROUP" MEANS THE BIOCHAR IN OIL AND GAS WELL 10 11 PLUGGING WORKING ADVISORY GROUP CREATED IN SUBSECTION (2)(a) OF 12 THIS SECTION. 13 (2) (a) THE BIOCHAR IN OIL AND GAS WELL PLUGGING WORKING 14 ADVISORY GROUP IS CREATED IN THE COMMISSION. 15 (b) THE WORK GROUP CONSISTS OF THE FOLLOWING MEMBERS: 16 (I) A MEMBER OF THE COMMISSION'S TECHNICAL STAFF WITH 17 EXPERTISE IN ENGINEERING OR ORPHANED WELLS, APPOINTED BY THE 18 DIRECTOR: 19 (II) A MEMBER REPRESENTING THE DEPARTMENT OF PUBLIC 20 HEALTH AND ENVIRONMENT CREATED IN SECTION 24-1-119 (1), 21 APPOINTED BY THE EXECUTIVE DIRECTOR OF THE DEPARTMENT OF PUBLIC 22 HEALTH AND ENVIRONMENT; 23 (III) A MEMBER REPRESENTING THE COLORADO ENERGY OFFICE, 24 APPOINTED BY THE DIRECTOR OF THE COLORADO ENERGY OFFICE; 25 (IV) A MEMBER REPRESENTING THE OIL AND GAS INDUSTRY, 26 APPOINTED BY THE DIRECTOR; 27 (V) A MEMBER, APPOINTED BY THE DIRECTOR OF THE COLORADO

1069

1	ENERGY OFFICE, REPRESENTING AN ENVIRONMENTAL ADVOCACY
2	ORGANIZATION WITH:
3	(A) A FOCUS ON THE REDUCTION OF GREENHOUSE GAS EMISSIONS;
4	AND
5	(B) EXPERIENCE WITH CARBON REMOVAL AND SEQUESTRATION
6	SOLUTIONS;
7	(VI) A MEMBER WITH EXPERTISE IN THE BIOCHAR INDUSTRY,
8	APPOINTED BY THE DIRECTOR; AND
9	(VII) A MEMBER OF THE COMMISSION, WHO IS THE CHAIR OF THE
10	WORK GROUP, APPOINTED BY THE DIRECTOR.
11	(c) THE WORK GROUP ALSO CONSISTS OF THE FOLLOWING
12	MEMBERS, WHO SHALL PARTICIPATE IN THE WORK GROUP IN AN ADVISORY,
13	NONVOTING CAPACITY:
14	(I) A MEMBER REPRESENTING THE STATE FOREST SERVICE,
15	APPOINTED BY THE DIRECTOR OF THE STATE FOREST SERVICE;
16	(II) A MEMBER REPRESENTING A BIOCHAR MANUFACTURING
17	ENTITY LOCATED IN THE STATE, APPOINTED BY THE DIRECTOR;
18	(III) A MEMBER REPRESENTING A LOCAL GOVERNMENT WHO HAS
19	A DEMONSTRATED FOCUS ON ENVIRONMENTAL AIR QUALITY ISSUES, WITH
20	CLIMATE PROTECTION AS A DEMONSTRATED PRIORITY, APPOINTED BY THE
21	DIRECTOR OF THE COLORADO ENERGY OFFICE;
22	(IV) A member, appointed by the director, representing the
23	FEDERAL BUREAU OF LAND MANAGEMENT WHO HAS KNOWLEDGE
24	CONCERNING:
25	(A) THE FEDERAL STANDARDS FOR PLUGGING OIL AND GAS WELLS;
26	AND
27	(B) THE OPPORTUNITIES FOR OBTAINING FEDERAL FUNDING FOR

1069

1 THE PILOT PROGRAM;

2 (V) A MEMBER WITH EXPERTISE IN PLUGGING AND ABANDONMENT
3 OPERATIONS AND METHANE MITIGATION FROM WELLBORES, APPOINTED BY
4 THE DIRECTOR;

5 (VI) A MEMBER OF THE ENVIRONMENTAL JUSTICE ADVISORY
6 BOARD, APPOINTED BY THE CHAIR OF THE ENVIRONMENTAL JUSTICE
7 ADVISORY BOARD; AND

8 (VII) A MEMBER REPRESENTING THE INTERESTS OF 9 DISPROPORTIONATELY IMPACTED COMMUNITIES, AS DEFINED IN SECTION 10 24-4-109 (2)(b)(II), APPOINTED BY THE CHAIR OF THE ENVIRONMENTAL 11 JUSTICE ADVISORY BOARD.

12 (d) THE APPOINTING AUTHORITIES SHALL MAKE ALL 13 APPOINTMENTS TO THE WORK GROUP NO LATER THAN JULY 1, 2023. THE 14 MEMBERS OF THE WORK GROUP SERVE WITHOUT COMPENSATION BUT 15 SHALL BE REIMBURSED FOR EXPENSES INCURRED BY THEM IN THE 16 PERFORMANCE OF THEIR OFFICIAL DUTIES.

17 (e) THE WORK GROUP SHALL CONDUCT MEETINGS AS OFTEN AS
18 NECESSARY TO PERFORM THE WORK GROUP'S DUTIES PURSUANT TO THIS
19 SECTION, INCLUDING CONSULTING AND COORDINATING WITH THE
20 UNIVERSITY ON THE UNIVERSITY'S DUTIES PURSUANT TO THIS SECTION.

21 (3) (a) THE UNIVERSITY SHALL:

22 (I) REVIEW PEER-REVIEWED SCIENTIFIC ARTICLES AND STUDIES ON

- 23 BIOCHAR'S CAPACITY TO:
- 24 (A) LOWER GREENHOUSE GAS EMISSIONS;
- 25 (B) LOWER CHEMICAL LEAKS;
- 26 (C) REMOVE AND SEQUESTER CARBON;
- 27 (D) LOWER THE CARBON FOOTPRINT IN CEMENT;

1	(E) ADD STRENGTH TO CEMENT; AND
2	(F) BIND CHEMICALS SUCH AS METHANE, BENZENE, AND CARBON
2	DIOXIDE FROM FUGITIVE EMISSIONS;
4	(II) REVIEW ANY APPLICABLE FEDERAL LAWS AND LAWS OF OTHER
5	STATES THAT ADDRESS THE USE OF BIOCHAR IN THE PLUGGING OF OIL AND
6	GAS WELLS;
7	(III) CONDUCT DESK RESEARCH RELATED TO BIOCHAR, INCLUDING
8	GEOMECHANICAL MODELING AND CALCULATIONS TO LIMIT VARIABLES;
9	(IV) CONDUCT LABORATORY RESEARCH, INCLUDING RESEARCH TO
10	CHARACTERIZE:
11	(A) THE MECHANICAL STRENGTH, PERMEABILITY, PORE
12	STRUCTURE, AND GAS ABSORPTION OF BIOCHAR;
13	(B) THE GEOCHEMICAL REACTION OF BIOCHAR WITH WATER FROM
14	AN UNDERGROUND FORMATION; AND
15	(C) THE CHEMICAL REACTION OF BIOCHAR WITH CEMENT USED IN
16	THE PLUGGING OF OIL AND GAS WELLS;
17	(V) EVALUATE WHETHER ANY FEDERAL OR STATE PROGRAMS OR
18	PRIVATE ENTITIES COULD PROVIDE FUNDING FOR THE PILOT PROGRAM;
19	(VI) ASSESS THE COSTS ASSOCIATED WITH USING BIOCHAR IN THE
20	PLUGGING OF AN OIL AND GAS WELL;
21	(VII) DETERMINE THE AMOUNT OF BIOCHAR THAT IS AVAILABLE
22	FOR USE IN THE STATE;
23	(VIII) EXAMINE WHETHER THE USE OF BIOCHAR IN THE PLUGGING
24	OF OIL AND GAS WELLS IS CONSISTENT WITH THE STATE'S SHORT-TERM AND
25	LONG-TERM GREENHOUSE GAS AND POLLUTION REDUCTION GOALS, AS SET
26	Forth in section $25-7-102$ (2)(g), taking into consideration the
27	EMISSIONS OF GREENHOUSE GASES AND OTHER POLLUTANTS CAUSED BY

1 THE PRODUCTION OF BIOCHAR AND THE USE OF BIOCHAR IN THE PLUGGING

2 OF OIL AND GAS WELLS; AND

- 3 (IX) DETERMINE WHETHER THE USE OF BIOCHAR WHEN PLUGGING
  4 AN OIL AND GAS WELL:
- 5 (A) COULD, WITH VERIFIED NET PERMANENT REMOVAL OF 6 ATMOSPHERIC CARBON AS ESTABLISHED ACCORDING TO 7 INTERNATIONALLY RECOGNIZED STANDARDS, ALLOW AN OPERATOR OR 8 OTHER PERSON PLUGGING AN OIL AND GAS WELL TO RECEIVE LEGITIMATE 9 CARBON CREDITS OR OFFSETS;
- 10 (B) WOULD REQUIRE ANY CHANGES TO STATE LAW TO ALLOW THE
  11 USE OF BIOCHAR IN THE PLUGGING OF AN OIL AND GAS WELL OR TO ALLOW
  12 A STATE AGENCY TO COORDINATE WITH APPLICABLE FEDERAL AGENCIES
  13 AND OTHER ENTITIES IN THE IMPLEMENTATION OF THE PILOT PROGRAM;
  14 AND
- 15 (C) WOULD COMPLY, IN THE CASE OF PLUGGING AN OIL AND GAS
  16 WELL OWNED BY THE UNITED STATES OR A TRIBAL LAND TRUST, WITH
  17 FEDERAL LAW OR ANY OTHER APPLICABLE LAW.
- (b) IN PERFORMING ITS DUTIES PURSUANT TO SUBSECTION (3)(a)
  OF THIS SECTION, THE UNIVERSITY SHALL UTILIZE ANY APPLICABLE
  EXISTING FEDERAL, STATE, OR LOCAL PROGRAMS OR FUNDING AND MAY
  COORDINATE AND CONSULT WITH OTHER INSTITUTIONS OF HIGHER
  EDUCATION.
- (4) (a) NO LATER THAN MARCH 1, 2024, THE UNIVERSITY SHALL
  PROVIDE AN UNOFFICIAL PROGRESS REPORT OF ITS FINDINGS PURSUANT TO
  SUBSECTION (3)(a) OF THIS SECTION TO THE WORK GROUP.
- 26 (b) NO LATER THAN JUNE 1, 2024, THE UNIVERSITY SHALL PROVIDE
  27 AN OFFICIAL REPORT OF ITS FINDINGS PURSUANT TO SUBSECTION (3)(a) OF

-8-

1	THIS SECTION TO THE WORK GROUP. IF, BASED ON THE REPORT, THE WORK
2	GROUP DETERMINES THAT A PILOT PROGRAM TO STUDY THE USE OF
3	BIOCHAR IN THE PLUGGING OF OIL AND GAS WELLS WOULD HAVE A
4	POSITIVE IMPACT ON THE HEALTH, SAFETY, AND WELFARE OF THE STATE
5	AND WOULD BE CONSISTENT WITH THE STATE'S SHORT-TERM AND
6	LONG-TERM GREENHOUSE GAS AND POLLUTION REDUCTION GOALS, AS SET
7	FORTH IN SECTION $25-7-102$ (2)(g), THE WORK GROUP SHALL, NO LATER
8	THAN AUGUST 1, 2024, DIRECT THE UNIVERSITY TO MAKE
9	RECOMMENDATIONS REGARDING THE DEVELOPMENT OF THE PILOT
10	PROGRAM.
11	(c) The recommendations pursuant to subsection $(4)(b)$ of
12	THIS SECTION MUST INCLUDE RECOMMENDATIONS REGARDING A PLAN TO:
13	(I) DEVELOP STANDARDS FOR:
14	(A) USING BIOCHAR IN THE PLUGGING OF THE SELECTED OIL AND
15	GAS WELLS;
16	(B) MONITORING THE EMISSIONS OF THE SELECTED OIL AND GAS
17	WELLS; AND
18	(C) COMPARING EMISSIONS DATA FROM THE SELECTED OIL AND
19	GAS WELLS TO EMISSIONS DATA FROM OIL AND GAS WELLS THAT HAVE NOT
20	BEEN PLUGGED USING BIOCHAR;
21	(II) SELECT OIL AND GAS WELLS WHERE AN OPERATOR OR OTHER
22	PERSON PLUGGING AN OIL AND GAS WELL WILL USE BIOCHAR WHEN
23	PLUGGING THE WELL IN ACCORDANCE WITH THE STANDARDS DEVELOPED
24	PURSUANT TO SUBSECTION (4)(c)(I)(A) OF THIS SECTION; AND
25	(III) CONTINUE, AFTER THE SELECTED OIL AND GAS WELLS ARE
26	PLUGGED, TO:
27	(A) MONITOR EMISSIONS AND COMPARE EMISSIONS DATA FROM

-9-

1069

1	THE SELECTED OIL AND GAS WELLS IN ACCORDANCE WITH THE STANDARDS
2	DEVELOPED PURSUANT TO SUBSECTIONS $(4)(c)(I)(B)$ and $(4)(c)(I)(C)$ of
3	THIS SECTION;
4	(B) ASSESS THE CONDITION OF THE SELECTED OIL AND GAS WELLS;
5	AND
6	(C) CONDUCT LABORATORY TESTING ON THE SELECTED OIL AND
7	GAS WELLS TO DETERMINE THE ABILITY OF BIOCHAR TO ABSORB OR
8	ADSORB METHANE AND OTHER CHEMICALS FOUND IN A PLUGGED OIL AND
9	GAS WELL AND TO DETERMINE THE BEST ESTIMATE OF THE LONG-TERM
10	DURABILITY OF BIOCHAR WHEN USED IN THE PLUGGING OF AN OIL AND GAS
11	WELL.
12	(d) The recommendations pursuant to subsection $(4)(b)$ of
13	THIS SECTION MUST INCLUDE, AT A MINIMUM, RECOMMENDATIONS
14	REGARDING:
15	(I) THE ESTIMATED COSTS TO IMPLEMENT THE PILOT PROGRAM;
16	(II) THE DURATION OF THE PILOT PROGRAM;
17	(III) A DETAILED PLAN FOR THE IMPLEMENTATION OF THE PILOT
18	PROGRAM BY THE COMMISSION;
19	(IV) A DESCRIPTION OF ANY OPPORTUNITIES TO WORK WITH OR
20	RECEIVE FUNDING FROM FEDERAL AGENCIES OR PRIVATE ENTITIES IN THE
21	IMPLEMENTATION OF THE PILOT PROGRAM; AND
22	(V) A PROCESS FOR REPORTING THE FINDINGS OF THE PILOT
23	PROGRAM.
24	(5) No later than December 1, 2024, the university shall
25	SUBMIT A DRAFT REPORT DESCRIBING ITS RECOMMENDATIONS FOR THE
26	DEVELOPMENT OF A PILOT PROGRAM PURSUANT TO SUBSECTIONS (4)(b),
27	(4)(c), and $(4)(d)$ of this section to the work group. No later than

1       DECEMBER 15, 2024, THE UNIVERSITY SHALL:         2       (a) IN CONSULTATION WITH THE WORK GROUP, CREATE A FINAL         3       REPORT THAT INCORPORATES THE WORK GROUP'S COMMENTS REGARDING         4       THE DRAFT REPORT; AND         5       (b) PROVIDE A COPY OF THE FINAL REPORT TO THE DIRECTOR.         6       (6) THE DIRECTOR SHALL POST A COPY OF THE FINAL REPORT         7       DESCRIBED IN SUBSECTION (5)(b) OF THIS SECTION ON THE COMMISSION'S         8       WEBSITE.         9       (7) THIS SECTION IS REPEALED, EFFECTIVE SEPTEMBER 1, 2025.         10       SECTION 3. In Colorado Revised Statutes, 34-60-124, amend         11       (4)(b); and add (4)(d) as follows:         12       34-60-124. Oil and gas conservation and environmental         13       response fund - repeal. (4) The oil and gas conservation and         14       environmental response fund may be expended:         15       (b) For purposes authorized by section 23-41-114 (4); C.R.S. AND         16       (d) (1) BY THE COMMISSION AND COLORADO STATE UNIVERSITY,         18       CONDUCTED PURSUANT TO SECTION 34-60-134.         19       (II) THIS SUBSECTION (4)(d) IS REPEALED, EFFECTIVE SEPTEMBER         20       1, 2025.         21       SECTION 4. Appropriation. (1) For the 2023-24 state fiscal         20		
3       REPORT THAT INCORPORATES THE WORK GROUP'S COMMENTS REGARDING         4       THE DRAFT REPORT; AND         5       (b) PROVIDE A COPY OF THE FINAL REPORT TO THE DIRECTOR.         6       (6) THE DIRECTOR SHALL POST A COPY OF THE FINAL REPORT         7       DESCRIBED IN SUBSECTION (5)(b) OF THIS SECTION ON THE COMMISSION'S         8       WEBSITE.         9       (7) THIS SECTION IS REPEALED, EFFECTIVE SEPTEMBER 1, 2025.         10       SECTION 3. In Colorado Revised Statutes, 34-60-124, amend         11       (4)(b); and add (4)(d) as follows:         12       34-60-124. Oil and gas conservation and environmental         13       response fund - repeal. (4) The oil and gas conservation and         14       environmental response fund may be expended:         15       (b) For purposes authorized by section 23-41-114 (4); C:R:S: AND         16       (d) (I) BY THE COMMISSION AND COLORADO STATE UNIVERSITY,         17       ESTABLISHED IN SECTION 23-31-101, FOR THE PURPOSES OF THE STUDY         18       CONDUCTED PURSUANT TO SECTION 34-60-134.         19       (II) THIS SUBSECTION (4)(d) IS REPEALED, EFFECTIVE SEPTEMBER         10       (II) THIS SUBSECTION (4)(d) IS REPEALED, EFFECTIVE SEPTEMBER         11       (2025.         21       SECTION 4. Appropriation. (1) For the 2023-24 state fiscal	1	DECEMBER 15, 2024, THE UNIVERSITY SHALL:
<ul> <li>HE DRAFT REPORT; AND</li> <li>(b) PROVIDE A COPY OF THE FINAL REPORT TO THE DIRECTOR.</li> <li>(c) THE DIRECTOR SHALL POST A COPY OF THE FINAL REPORT</li> <li>DESCRIBED IN SUBSECTION (5)(b) OF THIS SECTION ON THE COMMISSION'S</li> <li>WEBSITE.</li> <li>(7) THIS SECTION IS REPEALED, EFFECTIVE SEPTEMBER 1, 2025.</li> <li>SECTION 3. In Colorado Revised Statutes, 34-60-124, amend</li> <li>(4)(b); and add (4)(d) as follows:</li> <li>34-60-124. Oil and gas conservation and environmental</li> <li>response fund - repeal. (4) The oil and gas conservation and</li> <li>environmental response fund may be expended:</li> <li>(b) For purposes authorized by section 23-41-114 (4); C.R.S. AND</li> <li>(d) (I) BY THE COMMISSION AND COLORADO STATE UNIVERSITY,</li> <li>ESTABLISHED IN SECTION 23-31-101, FOR THE PURPOSES OF THE STUDY</li> <li>CONDUCTED PURSUANT TO SECTION 34-60-134.</li> <li>(II) THIS SUBSECTION (4)(d) IS REPEALED, EFFECTIVE SEPTEMBER</li> <li>1, 2025.</li> <li>SECTION 4. Appropriation. (1) For the 2023-24 state fiscal</li> <li>year, \$370, 140 is appropriated to the department of higher education. This</li> <li>appropriation is from the oil and gas conservation and environmental</li> <li>response fund created in section 34-60-122 (5)(a), C.R.S., and is based on</li> <li>an assumption that the department will require an additional 3.0 FTE. To</li> <li>implement this act, the department may use this appropriation for the</li> </ul>	2	(a) IN CONSULTATION WITH THE WORK GROUP, CREATE A FINAL
<ul> <li>(b) PROVIDE A COPY OF THE FINAL REPORT TO THE DIRECTOR.</li> <li>(c) THE DIRECTOR SHALL POST A COPY OF THE FINAL REPORT</li> <li>DESCRIBED IN SUBSECTION (5)(b) OF THIS SECTION ON THE COMMISSION'S</li> <li>WEBSITE.</li> <li>(7) THIS SECTION IS REPEALED, EFFECTIVE SEPTEMBER 1, 2025.</li> <li>SECTION 3. In Colorado Revised Statutes, 34-60-124, amend</li> <li>(4)(b); and add (4)(d) as follows:</li> <li>34-60-124. Oil and gas conservation and environmental</li> <li>response fund - repeal. (4) The oil and gas conservation and</li> <li>environmental response fund may be expended:</li> <li>(b) For purposes authorized by section 23-41-114 (4); C.R.S. AND</li> <li>(d) (1) BY THE COMMISSION AND COLORADO STATE UNIVERSITY,</li> <li>ESTABLISHED IN SECTION 23-31-101, FOR THE PURPOSES OF THE STUDY</li> <li>CONDUCTED PURSUANT TO SECTION 34-60-134.</li> <li>(II) THIS SUBSECTION (4)(d) IS REPEALED, EFFECTIVE SEPTEMBER</li> <li>1, 2025.</li> <li>SECTION 4. Appropriation. (1) For the 2023-24 state fiscal</li> <li>year, \$370,140 is appropriated to the department of higher education. This</li> <li>appropriation is from the oil and gas conservation and environmental</li> <li>response fund created in section 34-60-122 (5)(a), C.R.S., and is based on</li> <li>an assumption that the department will require an additional 3.0 FTE. To</li> </ul>	3	REPORT THAT INCORPORATES THE WORK GROUP'S COMMENTS REGARDING
<ul> <li>(6) THE DIRECTOR SHALL POST A COPY OF THE FINAL REPORT</li> <li>DESCRIBED IN SUBSECTION (5)(b) OF THIS SECTION ON THE COMMISSION'S</li> <li>WEBSITE.</li> <li>(7) THIS SECTION IS REPEALED, EFFECTIVE SEPTEMBER 1, 2025.</li> <li>SECTION 3. In Colorado Revised Statutes, 34-60-124, amend</li> <li>(4)(b); and add (4)(d) as follows:</li> <li>34-60-124. Oil and gas conservation and environmental</li> <li>response fund - repeal. (4) The oil and gas conservation and</li> <li>environmental response fund may be expended:</li> <li>(b) For purposes authorized by section 23-41-114 (4); C.R.S. AND</li> <li>(d) (1) BY THE COMMISSION AND COLORADO STATE UNIVERSITY,</li> <li>ESTABLISHED IN SECTION 23-31-101, FOR THE PURPOSES OF THE STUDY</li> <li>CONDUCTED PURSUANT TO SECTION 34-60-134.</li> <li>(II) THIS SUBSECTION (4)(d) IS REPEALED, EFFECTIVE SEPTEMBER</li> <li>1, 2025.</li> <li>SECTION 4. Appropriation. (1) For the 2023-24 state fiscal</li> <li>year, \$370,140 is appropriated to the department of higher education. This</li> <li>appropriation is from the oil and gas conservation and environmental</li> <li>response fund created in section 34-60-122 (5)(a), C.R.S., and is based on</li> <li>an assumption that the department will require an additional 3.0 FTE. To</li> <li>implement this act, the department may use this appropriation for the</li> </ul>	4	THE DRAFT REPORT; AND
7       DESCRIBED IN SUBSECTION (5)(b) OF THIS SECTION ON THE COMMISSION'S         8       WEBSITE.         9       (7) THIS SECTION IS REPEALED, EFFECTIVE SEPTEMBER 1, 2025.         10       SECTION 3. In Colorado Revised Statutes, 34-60-124, amend         11       (4)(b); and add (4)(d) as follows:         12       34-60-124. Oil and gas conservation and environmental         13       response fund - repeal. (4) The oil and gas conservation and         14       environmental response fund may be expended:         15       (b) For purposes authorized by section 23-41-114 (4); C.R.S. AND         16       (d) (I) BY THE COMMISSION AND COLORADO STATE UNIVERSITY,         17       ESTABLISHED IN SECTION 23-31-101, FOR THE PURPOSES OF THE STUDY         18       CONDUCTED PURSUANT TO SECTION 34-60-134.         19       (II) THIS SUBSECTION (4)(d) IS REPEALED, EFFECTIVE SEPTEMBER         10       (II) THIS SUBSECTION (4)(d) IS REPEALED, EFFECTIVE SEPTEMBER         11       (2025.         21       SECTION 4. Appropriation. (1) For the 2023-24 state fiscal         22       year, \$370,140 is appropriated to the department of higher education. This         23       appropriation is from the oil and gas conservation and environmental         24       response fund created in section 34-60-122 (5)(a), C.R.S., and is based on         25	5	(b) PROVIDE A COPY OF THE FINAL REPORT TO THE DIRECTOR.
<ul> <li>WEBSITE.</li> <li>(7) THIS SECTION IS REPEALED, EFFECTIVE SEPTEMBER 1, 2025.</li> <li>SECTION 3. In Colorado Revised Statutes, 34-60-124, amend</li> <li>(4)(b); and add (4)(d) as follows:</li> <li>34-60-124. Oil and gas conservation and environmental</li> <li>response fund - repeal. (4) The oil and gas conservation and</li> <li>environmental response fund may be expended:</li> <li>(b) For purposes authorized by section 23-41-114 (4); C.R.S. AND</li> <li>(d) (I) BY THE COMMISSION AND COLORADO STATE UNIVERSITY,</li> <li>ESTABLISHED IN SECTION 23-31-101, FOR THE PURPOSES OF THE STUDY</li> <li>CONDUCTED PURSUANT TO SECTION 34-60-134.</li> <li>(II) THIS SUBSECTION (4)(d) IS REPEALED, EFFECTIVE SEPTEMBER</li> <li>1, 2025.</li> <li>SECTION 4. Appropriation. (1) For the 2023-24 state fiscal</li> <li>year, \$370,140 is appropriated to the department of higher education. This</li> <li>appropriation is from the oil and gas conservation and environmental</li> <li>response fund created in section 34-60-122 (5)(a), C.R.S., and is based on</li> <li>an assumption that the department will require an additional 3.0 FTE. To</li> <li>implement this act, the department may use this appropriation for the</li> </ul>	6	(6) The director shall post a copy of the final report
<ul> <li>9 (7) THIS SECTION IS REPEALED, EFFECTIVE SEPTEMBER 1, 2025.</li> <li>10 SECTION 3. In Colorado Revised Statutes, 34-60-124, amend</li> <li>11 (4)(b); and add (4)(d) as follows:</li> <li>12 34-60-124. Oil and gas conservation and environmental</li> <li>13 response fund - repeal. (4) The oil and gas conservation and</li> <li>environmental response fund may be expended:</li> <li>15 (b) For purposes authorized by section 23-41-114 (4); C.R.S. AND</li> <li>16 (d) (I) BY THE COMMISSION AND COLORADO STATE UNIVERSITY,</li> <li>17 ESTABLISHED IN SECTION 23-31-101, FOR THE PURPOSES OF THE STUDY</li> <li>18 CONDUCTED PURSUANT TO SECTION 34-60-134.</li> <li>19 (II) THIS SUBSECTION (4)(d) IS REPEALED, EFFECTIVE SEPTEMBER</li> <li>1, 2025.</li> <li>21 SECTION 4. Appropriation. (1) For the 2023-24 state fiscal</li> <li>year, \$370,140 is appropriated to the department of higher education. This</li> <li>appropriation is from the oil and gas conservation and environmental</li> <li>response fund created in section 34-60-122 (5)(a), C.R.S., and is based on</li> <li>an assumption that the department will require an additional 3.0 FTE. To</li> <li>implement this act, the department may use this appropriation for the</li> </ul>	7	DESCRIBED IN SUBSECTION $(5)(b)$ OF THIS SECTION ON THE COMMISSION'S
10SECTION 3. In Colorado Revised Statutes, 34-60-124, amend11(4)(b); and add (4)(d) as follows:1234-60-124. Oil and gas conservation and environmental13response fund - repeal. (4) The oil and gas conservation and14environmental response fund may be expended:15(b) For purposes authorized by section 23-41-114 (4); C.R.S. AND16(d) (I) BY THE COMMISSION AND COLORADO STATE UNIVERSITY,17ESTABLISHED IN SECTION 23-31-101, FOR THE PURPOSES OF THE STUDY18CONDUCTED PURSUANT TO SECTION 34-60-134.19(II) THIS SUBSECTION (4)(d) IS REPEALED, EFFECTIVE SEPTEMBER201, 2025.21SECTION 4. Appropriation. (1) For the 2023-24 state fiscal22year, \$370,140 is appropriated to the department of higher education. This23appropriation is from the oil and gas conservation and environmental24response fund created in section 34-60-122 (5)(a), C.R.S., and is based on25an assumption that the department will require an additional 3.0 FTE. To26implement this act, the department may use this appropriation for the	8	WEBSITE.
<ul> <li>(4)(b); and add (4)(d) as follows:</li> <li>34-60-124. Oil and gas conservation and environmental</li> <li>response fund - repeal. (4) The oil and gas conservation and</li> <li>environmental response fund may be expended:</li> <li>(b) For purposes authorized by section 23-41-114 (4); C.R.S. AND</li> <li>(d) (I) BY THE COMMISSION AND COLORADO STATE UNIVERSITY,</li> <li>ESTABLISHED IN SECTION 23-31-101, FOR THE PURPOSES OF THE STUDY</li> <li>CONDUCTED PURSUANT TO SECTION 34-60-134.</li> <li>(II) THIS SUBSECTION (4)(d) IS REPEALED, EFFECTIVE SEPTEMBER</li> <li>1, 2025.</li> <li>SECTION 4. Appropriation. (1) For the 2023-24 state fiscal</li> <li>year, \$370,140 is appropriated to the department of higher education. This</li> <li>appropriation is from the oil and gas conservation and environmental</li> <li>response fund created in section 34-60-122 (5)(a), C.R.S., and is based on</li> <li>an assumption that the department will require an additional 3.0 FTE. To</li> <li>implement this act, the department may use this appropriation for the</li> </ul>	9	(7) This section is repealed, effective September 1, 2025.
1234-60-124. Oil and gas conservation and environmental13response fund - repeal. (4) The oil and gas conservation and14environmental response fund may be expended:15(b) For purposes authorized by section 23-41-114 (4); C.R.S. AND16(d) (1) BY THE COMMISSION AND COLORADO STATE UNIVERSITY,17ESTABLISHED IN SECTION 23-31-101, FOR THE PURPOSES OF THE STUDY18CONDUCTED PURSUANT TO SECTION 34-60-134.19(II) THIS SUBSECTION (4)(d) IS REPEALED, EFFECTIVE SEPTEMBER201, 2025.21SECTION 4. Appropriation. (1) For the 2023-24 state fiscal22year, \$370,140 is appropriated to the department of higher education. This23appropriation is from the oil and gas conservation and environmental24response fund created in section 34-60-122 (5)(a), C.R.S., and is based on25an assumption that the department will require an additional 3.0 FTE. To26implement this act, the department may use this appropriation for the	10	SECTION 3. In Colorado Revised Statutes, 34-60-124, amend
<ul> <li>response fund - repeal. (4) The oil and gas conservation and environmental response fund may be expended:</li> <li>(b) For purposes authorized by section 23-41-114 (4); C.R.S. AND (d) (1) BY THE COMMISSION AND COLORADO STATE UNIVERSITY,</li> <li>ESTABLISHED IN SECTION 23-31-101, FOR THE PURPOSES OF THE STUDY CONDUCTED PURSUANT TO SECTION 34-60-134.</li> <li>(II) THIS SUBSECTION (4)(d) IS REPEALED, EFFECTIVE SEPTEMBER</li> <li>1, 2025.</li> <li>SECTION 4. Appropriation. (1) For the 2023-24 state fiscal year, \$370,140 is appropriated to the department of higher education. This appropriation is from the oil and gas conservation and environmental response fund created in section 34-60-122 (5)(a), C.R.S., and is based on an assumption that the department will require an additional 3.0 FTE. To implement this act, the department may use this appropriation for the</li> </ul>	11	(4)(b); and $add$ (4)(d) as follows:
<ul> <li>environmental response fund may be expended:</li> <li>(b) For purposes authorized by section 23-41-114 (4); C.R.S. AND</li> <li>(d) (I) BY THE COMMISSION AND COLORADO STATE UNIVERSITY,</li> <li>ESTABLISHED IN SECTION 23-31-101, FOR THE PURPOSES OF THE STUDY</li> <li>CONDUCTED PURSUANT TO SECTION 34-60-134.</li> <li>(II) THIS SUBSECTION (4)(d) IS REPEALED, EFFECTIVE SEPTEMBER</li> <li>1, 2025.</li> <li>SECTION 4. Appropriation. (1) For the 2023-24 state fiscal</li> <li>year, \$370,140 is appropriated to the department of higher education. This</li> <li>appropriation is from the oil and gas conservation and environmental</li> <li>response fund created in section 34-60-122 (5)(a), C.R.S., and is based on</li> <li>an assumption that the department will require an additional 3.0 FTE. To</li> <li>implement this act, the department may use this appropriation for the</li> </ul>	12	34-60-124. Oil and gas conservation and environmental
<ul> <li>(b) For purposes authorized by section 23-41-114 (4); C.R.S. AND</li> <li>(d) (I) BY THE COMMISSION AND COLORADO STATE UNIVERSITY,</li> <li>ESTABLISHED IN SECTION 23-31-101, FOR THE PURPOSES OF THE STUDY</li> <li>CONDUCTED PURSUANT TO SECTION 34-60-134.</li> <li>(II) THIS SUBSECTION (4)(d) IS REPEALED, EFFECTIVE SEPTEMBER</li> <li>1, 2025.</li> <li>SECTION 4. Appropriation. (1) For the 2023-24 state fiscal</li> <li>year, \$370,140 is appropriated to the department of higher education. This</li> <li>appropriation is from the oil and gas conservation and environmental</li> <li>response fund created in section 34-60-122 (5)(a), C.R.S., and is based on</li> <li>an assumption that the department will require an additional 3.0 FTE. To</li> <li>implement this act, the department may use this appropriation for the</li> </ul>	13	response fund - repeal. (4) The oil and gas conservation and
<ul> <li>(d) (I) BY THE COMMISSION AND COLORADO STATE UNIVERSITY,</li> <li>ESTABLISHED IN SECTION 23-31-101, FOR THE PURPOSES OF THE STUDY</li> <li>CONDUCTED PURSUANT TO SECTION 34-60-134.</li> <li>(II) THIS SUBSECTION (4)(d) IS REPEALED, EFFECTIVE SEPTEMBER</li> <li>1, 2025.</li> <li>SECTION 4. Appropriation. (1) For the 2023-24 state fiscal</li> <li>year, \$370,140 is appropriated to the department of higher education. This</li> <li>appropriation is from the oil and gas conservation and environmental</li> <li>response fund created in section 34-60-122 (5)(a), C.R.S., and is based on</li> <li>an assumption that the department will require an additional 3.0 FTE. To</li> <li>implement this act, the department may use this appropriation for the</li> </ul>	14	environmental response fund may be expended:
<ul> <li>ESTABLISHED IN SECTION 23-31-101, FOR THE PURPOSES OF THE STUDY</li> <li>CONDUCTED PURSUANT TO SECTION 34-60-134.</li> <li>(II) THIS SUBSECTION (4)(d) IS REPEALED, EFFECTIVE SEPTEMBER</li> <li>1, 2025.</li> <li>SECTION 4. Appropriation. (1) For the 2023-24 state fiscal</li> <li>year, \$370,140 is appropriated to the department of higher education. This</li> <li>appropriation is from the oil and gas conservation and environmental</li> <li>response fund created in section 34-60-122 (5)(a), C.R.S., and is based on</li> <li>an assumption that the department will require an additional 3.0 FTE. To</li> <li>implement this act, the department may use this appropriation for the</li> </ul>	15	(b) For purposes authorized by section 23-41-114 (4); C.R.S. AND
<ul> <li>18 CONDUCTED PURSUANT TO SECTION 34-60-134.</li> <li>19 (II) THIS SUBSECTION (4)(d) IS REPEALED, EFFECTIVE SEPTEMBER</li> <li>20 1, 2025.</li> <li>21 SECTION 4. Appropriation. (1) For the 2023-24 state fiscal</li> <li>22 year, \$370,140 is appropriated to the department of higher education. This</li> <li>23 appropriation is from the oil and gas conservation and environmental</li> <li>24 response fund created in section 34-60-122 (5)(a), C.R.S., and is based on</li> <li>25 an assumption that the department will require an additional 3.0 FTE. To</li> <li>26 implement this act, the department may use this appropriation for the</li> </ul>	16	(d) (I) BY THE COMMISSION AND COLORADO STATE UNIVERSITY,
<ul> <li>(II) THIS SUBSECTION (4)(d) IS REPEALED, EFFECTIVE SEPTEMBER</li> <li>1, 2025.</li> <li>SECTION 4. Appropriation. (1) For the 2023-24 state fiscal</li> <li>year, \$370,140 is appropriated to the department of higher education. This</li> <li>appropriation is from the oil and gas conservation and environmental</li> <li>response fund created in section 34-60-122 (5)(a), C.R.S., and is based on</li> <li>an assumption that the department will require an additional 3.0 FTE. To</li> <li>implement this act, the department may use this appropriation for the</li> </ul>	17	ESTABLISHED IN SECTION 23-31-101, FOR THE PURPOSES OF THE STUDY
<ul> <li>1, 2025.</li> <li>SECTION 4. Appropriation. (1) For the 2023-24 state fiscal</li> <li>year, \$370,140 is appropriated to the department of higher education. This</li> <li>appropriation is from the oil and gas conservation and environmental</li> <li>response fund created in section 34-60-122 (5)(a), C.R.S., and is based on</li> <li>an assumption that the department will require an additional 3.0 FTE. To</li> <li>implement this act, the department may use this appropriation for the</li> </ul>	18	CONDUCTED PURSUANT TO SECTION 34-60-134.
<b>SECTION 4. Appropriation.</b> (1) For the 2023-24 state fiscal year, \$370,140 is appropriated to the department of higher education. This appropriation is from the oil and gas conservation and environmental response fund created in section 34-60-122 (5)(a), C.R.S., and is based on an assumption that the department will require an additional 3.0 FTE. To implement this act, the department may use this appropriation for the	19	(II) This subsection $(4)(d)$ is repealed, effective September
year, \$370,140 is appropriated to the department of higher education. This appropriation is from the oil and gas conservation and environmental response fund created in section 34-60-122 (5)(a), C.R.S., and is based on an assumption that the department will require an additional 3.0 FTE. To implement this act, the department may use this appropriation for the	20	1, 2025.
appropriation is from the oil and gas conservation and environmental response fund created in section 34-60-122 (5)(a), C.R.S., and is based on an assumption that the department will require an additional 3.0 FTE. To implement this act, the department may use this appropriation for the	21	SECTION 4. Appropriation. (1) For the 2023-24 state fiscal
response fund created in section 34-60-122 (5)(a), C.R.S., and is based on an assumption that the department will require an additional 3.0 FTE. To implement this act, the department may use this appropriation for the	22	year, \$370,140 is appropriated to the department of higher education. This
<ul> <li>an assumption that the department will require an additional 3.0 FTE. To</li> <li>implement this act, the department may use this appropriation for the</li> </ul>	23	appropriation is from the oil and gas conservation and environmental
26 implement this act, the department may use this appropriation for the	24	response fund created in section 34-60-122 (5)(a), C.R.S., and is based on
	25	an assumption that the department will require an additional 3.0 FTE. To
	26	implement this act, the department may use this appropriation for the
2/ board of governors of the Colorado state university system for the biochar	27	board of governors of the Colorado state university system for the biochar

1 in oil and gas well plugging working advisory group.

2	(2) For the 2023-24 state fiscal year, \$5,600 is appropriated to the
3	department of natural resources for use by the oil and gas conservation
4	commission. This appropriation is from the oil and gas conservation and
5	environmental response fund created in section 34-60-122 (5)(a), C.R.S.
6	To implement this act, the commission may use this appropriation for
7	program costs.
8	SECTION 5. Safety clause. The general assembly hereby finds,
9	determines, and declares that this act is necessary for the immediate
10	preservation of the public peace, health, or safety.