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CS FOR SENATE BILL NO. 180(JUD)**IN THE LEGISLATURE OF THE STATE OF ALASKA****TWENTY-SEVENTH LEGISLATURE - SECOND SESSION****BY THE SENATE JUDICIARY COMMITTEE****Offered:****Referred:****Sponsor(s): SENATOR OLSON****A BILL****FOR AN ACT ENTITLED**

1 "An Act directing the Department of Transportation and Public Facilities to develop
2 and implement standards and operating procedures, to evaluate site-specific use plans,
3 and to designate project areas concerning gravel or other aggregate material containing
4 naturally occurring asbestos; authorizing use on an interim basis of gravel or other
5 aggregate material containing naturally occurring asbestos for certain transportation
6 projects and public facilities; providing immunity for certain landowners, extractors,
7 suppliers, transporters, and contractors for certain actions or claims arising in
8 connection with the use of gravel or aggregate material containing naturally occurring
9 asbestos in certain areas; requiring reporting of certain asbestos-related data to the
10 Department of Transportation and Public Facilities; and providing for an effective
11 date."

12 **BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF ALASKA:**

1 * **Section 1.** AS 09.65 is amended by adding a new section to read:

2 **Sec. 09.65.245. Immunity for certain persons supplying or using gravel or**
3 **other aggregate material; limitations on asbestos-related actions against**
4 **defendants.** (a) Except as provided in (b) of this section, a civil action or claim for
5 damages or costs alleging a death, injury, illness, disability, property damage, or any
6 other damages resulting from the use of gravel or other aggregate material that
7 contains naturally occurring asbestos may not be brought against a defendant

8 (1) based on the ownership of land within an area designated by the
9 Department of Transportation and Public Facilities under AS 44.42.400(b) or (c) from
10 which gravel or other aggregate material is extracted that, when tested using a bulk
11 method prescribed by the Department of Transportation and Public Facilities by
12 regulation, is determined to have a content equal to or greater than 0.25 percent
13 naturally occurring asbestos by mass; or

14 (2) for an act or omission occurring in the course of extracting,
15 supplying, transporting, or using gravel or other aggregate material containing
16 naturally occurring asbestos within an area designated by the Department of
17 Transportation and Public Facilities under AS 44.42.400(b) or (c) when the act or
18 omission was in compliance with the requirements of AS 18.31.250, AS 44.42.410(a)
19 and (d), and applicable regulations developed under AS 44.42.420.

20 (b) The immunity provided by this section does not apply to the state, but the
21 immunity does apply to a state employee acting within the scope of employment or by
22 a contractor employed by the state acting within the scope of the contract.

23 (c) In this section, "naturally occurring asbestos" has the meaning given in
24 AS 44.42.430.

25 * **Sec. 2.** AS 18.31 is amended by adding new sections to read:

26 **Article 2A. Naturally occurring asbestos.**

27 **Sec. 18.31.250. Use of materials containing naturally occurring asbestos.**

28 (a) A principal construction contractor or, in the absence of an identified principal
29 construction contractor, person having legal authority for the design and construction
30 of a project may qualify for immunity in a civil action under AS 09.65.245(a)(2) for
31 the use of gravel or other aggregate material that, when tested using a bulk test method

prescribed by the Department of Transportation and Public Facilities by regulation, is determined to have a content equal to or greater than 0.25 percent of naturally occurring asbestos by mass.

(b) To qualify for the immunity provided under AS 09.65.245(a)(2), before initiating a construction project not subject to AS 44.42.410(b) that is within an area designated by the Department of Transportation and Public Facilities under AS 44.42.400(b) or (c) and that will use gravel or other aggregate material that contains naturally occurring asbestos, the principal construction contractor or, in the absence of an identified principal construction contractor, the person having legal authority for the design and construction of the project, shall prepare and submit to the Department of Transportation and Public Facilities specific project plans demonstrating compliance with the standards adopted by the department under AS 44.42.420 and the requirements of the site-specific use plan under AS 44.42.410. Before extraction of gravel or other aggregate material may begin, the plan must be approved and returned to the contractor by the department.

(c) To preserve the immunity provided under AS 09.65.245(a)(2), the principal construction contractor or, in the absence of an identified principal construction contractor, the person having legal authority for the design and construction of the project, shall adhere to the site-specific use plan approved by the department and the monitoring and mitigation plan created by the department.

Sec. 18.31.260. Presence of naturally occurring asbestos. The state shall consider 0.25 percent by mass, the minimum detectable amount of asbestos under the California Air Resources Board Method 435, as the baseline for the presence of naturally occurring asbestos in gravel or other aggregate material.

* **Sec. 3.** AS 44.42 is amended by adding new sections to read:

Article 3A. Use of Materials Containing Naturally Occurring Asbestos.

Sec. 44.42.400. Administration and designated use areas. (a) The department shall designate a single employee who reports to the commissioner to oversee the duties assigned to the department in AS 44.42.400 - 44.42.430 and to serve as the point of contact for inquiries related to projects using gravel or other aggregate material containing naturally occurring asbestos.

(b) An area that includes land within a municipality or community may be designated by the department as an area in which certain landowners and contractors are granted immunity under AS 09.65.245(a) for causing asbestos-related injuries only if the municipality or community requests that designation. A municipality or community may request to become an area designated by the department under this subsection by submitting an application to the department. The department may approve an application received under this subsection only after reviewing tests documenting the presence of naturally occurring asbestos in that area, analyzing the effect of the presence of naturally occurring asbestos on construction projects in the area, considering the availability of gravel or other aggregate material free from naturally occurring asbestos in the area, and soliciting public input from residents in the affected municipality or community. The department may require a municipality or community that applies to become a designated area to provide the department with tests documenting the presence of naturally occurring asbestos, information related to the effect of the presence of naturally occurring asbestos on construction projects in the area, information related to availability of gravel or other aggregate material free from naturally occurring asbestos, and other information relevant to the application. After designating an area after approval of an application under this subsection, the department shall notify, including through signage, potentially affected persons that the area has been designated as an area where immunity may be granted under AS 09.65.245(a) for certain landowners and contractors causing asbestos-related injuries.

(c) In places that do not include a municipality or community, the department may designate an area in which certain landowners and contractors are granted immunity under AS 09.65.245(a) for causing asbestos-related injuries. Before designating an area under this subsection, the department shall document the presence of naturally occurring asbestos in that area, analyze the effect of the presence of naturally occurring asbestos on construction projects in the area, consider the availability of gravel or other aggregate material free from naturally occurring asbestos in the area, and solicit public input from potentially affected persons. After designating an area under this subsection, the department shall notify, including

1 through signage, potentially affected persons that the area has been designated as an
2 area where immunity may be granted under AS 09.65.245(a) for certain landowners
3 and contractors causing asbestos-related injuries.

4 (d) In this section, "community" means a place in the unorganized borough, in
5 a borough, or in a unified municipality that is not incorporated as a municipality, that
6 is not a reserve, and in which 25 or more individuals reside as a social unit.

7 **Sec. 44.42.410. Site-specific use plan.** (a) To qualify for the immunity
8 provided under AS 09.65.245(a)(2), a contractor intending to use, within an area
9 designated by the department under AS 44.42.400(b) or (c), gravel or other aggregate
10 material that, when tested using a bulk test method prescribed by the department in
11 regulation, is determined to have a content equal to or greater than 0.25 percent of
12 naturally occurring asbestos by mass, shall, after consulting with the owner of the land
13 on which the gravel or other aggregate material containing naturally occurring
14 asbestos will be placed, submit a site-specific use plan to the department that

15 (1) describes the manner in which the proposed use of gravel or other
16 aggregate material that contains naturally occurring asbestos conforms to the standards
17 adopted under AS 44.42.420(b);

18 (2) demonstrates how the proposed construction operation and
19 maintenance practices comply with those that are required and those that are
20 minimally acceptable, as described in AS 44.42.420(b)(5), and otherwise meet
21 requirements of law applicable to the handling of compounds that contain asbestos;

22 (3) outlines the efforts that will be made, as a component of long-term
23 maintenance on the completed project or facility, to ensure that human health and air
24 quality are not compromised by the use of the gravel or other aggregate material that
25 contains naturally occurring asbestos;

26 (4) describes how the gravel or other aggregate material to be used can
27 be contained underneath the project or buried so that asbestos fibers cannot become
28 airborne or otherwise transferred outside of the project area, except as provided in (5)
29 and (6) of this subsection;

30 (5) if the requirements in (4) of this subsection are economically
31 unreasonable, describes how the gravel or other aggregate material to be used will be

1 sealed, including chip sealing or mixing with asphalt, in order to prevent asbestos
2 fibers from becoming airborne or otherwise transferred outside of the project area,
3 except as provided in (6) of this subsection; and

4 (6) if the requirements under (4) and (5) of this subsection are
5 economically unreasonable, describes how the gravel or other aggregate material will
6 be used in order to prevent asbestos from becoming airborne or otherwise transferred
7 outside of the project area, including how the gravel or other aggregate material will
8 be used in order to prevent asbestos from becoming airborne because of vehicle
9 traffic, road maintenance, or grading, if applicable.

10 (b) For a project that is a transportation facility, including a public highway,
11 airport, or pipeline or railroad track bed, or a public work, as that term is defined in
12 AS 35.95.100, for which the department is the principal construction contractor, and
13 for which the department intends to use, within an area designated by the department
14 under AS 44.42.400(b) or (c), gravel or other aggregate material that, when tested
15 using a bulk testing method prescribed by the department in regulation, is determined
16 to have a content equal to or greater than 0.25 percent of naturally occurring asbestos
17 by mass, the department shall develop a site-specific use plan that details the use of
18 gravel or other aggregate material in the construction or maintenance of the
19 transportation project or public facility in accordance with the requirements of (a) of
20 this section and regulations developed under AS 44.42.420. The department may not
21 begin extraction of the gravel or aggregate material containing naturally occurring
22 asbestos until the site-specific use plan is approved and the monitoring and mitigation
23 plan is completed by the department. The department shall adhere to the site-specific
24 use and monitoring and mitigation plans.

25 (c) The department shall review each site-specific use plan and shall work
26 toward approving or disapproving the plan, taking into consideration the construction
27 season in the project location.

28 (d) The department may not approve a plan for construction with gravel or
29 other aggregate material determined to have a content equal to or greater than 0.25
30 percent of naturally occurring asbestos by mass unless

31 (1) the department determines that it is economically unreasonable to

1 undertake the construction project with gravel or other aggregate material free from
2 naturally occurring asbestos; and

3 (2) the completed project will not use gravel or other aggregate
4 material containing naturally occurring asbestos for a surface application.

5 (e) On developing or receiving a site-specific use plan that meets the
6 requirements of (a) and (d) of this section and the regulations adopted under
7 AS 44.42.420, the department, in consultation with the Department of Environmental
8 Conservation, the Department of Health and Social Services, the Department of
9 Natural Resources, the Department of Law, and the Department of Labor and
10 Workforce Development, shall develop a monitoring and mitigation plan for the
11 project. If the site-specific use plan is approved, the monitoring and mitigation plan
12 developed by the department shall be attached to the site-specific use plan. To qualify
13 for the immunity provided in AS 09.65.245(a)(2), the person that has direct control
14 over or responsibility for the monitoring or mitigation shall comply with the
15 monitoring or mitigation plan developed by the department.

16 (f) On approval of a site-specific use plan, the department

17 (1) shall provide to the contractor a copy of the approved site-specific
18 use plan that includes

19 (A) the monitoring and mitigation plan developed under (e) of
20 this section;

21 (B) a requirement that all asbestos-related data collected by the
22 contractor during or after construction be submitted to the department; and

23 (C) recommended methods for reducing exposure to airborne
24 asbestos fibers;

25 (2) shall provide a copy of the site-specific use plan, including the
26 monitoring and mitigation plan, to the mayor or manager of a municipality affected by
27 the use of gravel or other aggregate material containing asbestos; and

28 (3) may provide to the contractor copies of the United States
29 Occupational Safety and Health Administration, United States Mine Safety and Health
30 Administration, and United States Environmental Protection Agency recommended
31 practices for handling and use of gravel or other aggregate material containing

1 naturally occurring asbestos.

2 (g) Within 60 days after completing a project in accordance with a site-
3 specific plan approved by the department, the person responsible for compliance with
4 the site-specific use plan shall record in the recording district where the property is
5 located a document that includes a description of the affected property, a reference to
6 the most recent recorded conveyance of that property, and a notice indicating the
7 presence of naturally occurring asbestos, and stating that subsequent interest holders
8 may have legal obligations with respect to preventing the naturally occurring asbestos
9 from becoming airborne or otherwise transferred outside of the project area. The
10 person that records a document required under this section shall provide written
11 notification to the department and the landowner that the document has been recorded.

12 (h) The person responsible for compliance with the site-specific use plan shall
13 submit to the department the results of any monitoring or testing performed in
14 accordance with the site-specific use plan and any mitigation measures undertaken.

15 **Sec. 44.42.420. Regulations.** (a) The department, after consultation with the
16 Department of Environmental Conservation, the Department of Health and Social
17 Services, the Department of Natural Resources, the Department of Law, and the
18 Department of Labor and Workforce Development, shall prescribe in regulation a bulk
19 testing method for gravel or other aggregate material containing naturally occurring
20 asbestos.

21 (b) The department, after consultation with the Department of Environmental
22 Conservation, the Department of Health and Social Services, the Department of
23 Natural Resources, the Department of Law, and the Department of Labor and
24 Workforce Development, may adopt regulations under AS 44.62 (Administrative
25 Procedure Act) to implement AS 44.42.400 - 44.42.430, including regulations revising
26 statewide standards on the use in the construction and maintenance of transportation
27 projects and public facilities of gravel or aggregate material that, when tested using a
28 bulk test method prescribed by the department by regulation, is determined to have a
29 content equal to or greater than 0.25 percent of naturally occurring asbestos by mass.
30 The regulations adopted under this subsection must include

31 (1) procedures for completing site investigations and characterizations

1 of proposed projects, including the development and description of appropriate
2 laboratory practices;

3 (2) procedures for reviewing design alternatives and preparing and
4 evaluating appropriate comparative cost analyses that consider the use of gravel or
5 other aggregate material that does not contain naturally occurring asbestos;

6 (3) procedures for evaluating human health concerns arising out of
7 gravel or other aggregate material that contains naturally occurring asbestos and
8 documentation of methods and means to be used during periods of handling of the
9 gravel or other aggregate material to ensure compliance with appropriate workplace
10 safety and air quality standards relating to the project and to ensure the health and
11 safety of communities affected by construction projects that use gravel or other
12 aggregate material containing naturally occurring asbestos;

13 (4) procedures for preparing designs and design specifications for
14 facilities involving use of gravel or other aggregate material that contains naturally
15 occurring asbestos;

16 (5) procedures for outlining construction operation and maintenance
17 practices that are required and those that are minimally acceptable to meet
18 requirements of law applicable to the handling of compounds that contain asbestos;

19 (6) procedures for processing, reviewing, and approving or
20 disapproving site-specific use plans and area designation requests received under
21 AS 44.42.400(b) in a uniform manner;

22 (7) guidelines to analyze the cost of a project;

23 (8) guidelines for determining whether the cost associated with the use
24 of gravel or other aggregate material free from naturally occurring asbestos under
25 AS 44.42.410(d) is economically unreasonable;

26 (9) guidelines for determining whether the cost associated with
27 burying or sealing gravel or other aggregate material containing naturally occurring
28 asbestos under AS 44.42.410(a)(2) and (3) is economically unreasonable;

29 (10) guidelines for establishing areas designated under
30 AS 44.42.400(b) or (c) that take into account the effect on human health in and around
31 the designated area and environmental factors affecting the transfer of asbestos fibers

1 within and outside of a designated area.

2 **Sec. 44.42.430. Definitions.** In AS 44.42.400 - 44.42.430,

3 (1) "contractor" means the principal construction contractor, or in
4 absence of an identified principal construction contractor, the person having legal
5 authority for the design and construction of the project and includes the department;

6 (2) "naturally occurring asbestos" means chrysotile, amosite,
7 crocidolite, fibrous tremolite, fibrous anthophyllite, and fibrous actinolite asbestos-
8 containing material that has not been processed in an asbestos mill and that, when
9 tested using a bulk method prescribed by the Department of Transportation and Public
10 Facilities by regulation, is determined to have a content equal to or greater than 0.25
11 percent naturally occurring asbestos by mass.

12 * **Sec. 4.** The uncoded law of the State of Alaska is amended by adding a new section to
13 read:

14 INTERIM PROJECT AUTHORIZATION. (a) Notwithstanding AS 44.42.400(a) and
15 (b), added by sec. 2 of this Act, the Department of Transportation and Public Facilities may,
16 on a temporary basis, designate a limited number of areas in the state in which certain
17 landowners and contractors are granted immunity under AS 09.65.245(a) for causing
18 asbestos-related injuries where an inability to complete construction projects has been
19 demonstrated because of lack of gravel or other aggregate material free from naturally
20 occurring asbestos. After designating an area on a temporary basis, the department shall
21 notify, including through signage, potentially affected persons that the area has been
22 designated as an area in which immunity may be granted under AS 09.65.245(a) for certain
23 landowners and contractors causing asbestos-related injuries. Notwithstanding AS 18.31.250,
24 added by sec. 2 of this Act, the Department of Transportation and Public Facilities may
25 approve a limited number of appropriate construction projects until the development and
26 implementation of initial standards under AS 44.42.420, added by sec. 3 of this Act, for
27 projects not subject to AS 44.42.410(b), if, under (b) of this section, the Department of
28 Transportation and Public Facilities prepares and adopts interim standards and requires its
29 contractors to prepare site-specific plans for the use of gravel or other aggregate material that,
30 when tested using the bulk method prescribed in sec. 5 of this Act, is determined to have a
31 content equal to or greater than 0.25 percent naturally occurring asbestos by mass in

1 transportation projects and public facilities. The department shall apply the standards
2 developed under (b) of this section to a person described in AS 18.31.250 for a project that is
3 not subject to AS 44.42.410(b).

4 (b) Notwithstanding AS 44.42.400(a) and (b), added by sec. 2 of this Act, the
5 Department of Transportation and Public Facilities may, on a temporary basis, designate a
6 limited number of areas in the state in which certain landowners and contractors are granted
7 immunity under AS 09.65.245(a) for causing asbestos-related injuries where an inability to
8 complete construction projects has been demonstrated because of lack of gravel or other
9 aggregate material free from naturally occurring asbestos. After designating an area on a
10 temporary basis, the department shall notify, including through signage, potentially affected
11 persons that the area has been designated as an area where immunity may be granted under
12 AS 09.65.245(a) for certain landowners and contractors causing asbestos-related injuries.
13 Notwithstanding AS 44.42.410(b), added by sec. 3 of this Act, the Department of
14 Transportation and Public Facilities may approve a limited number of appropriate
15 transportation projects and public facilities until the development and implementation of
16 initial standards under AS 44.42.420, added by sec. 3 of this Act, after consultation with the
17 Department of Environmental Conservation, the Department of Health and Social Services,
18 the Department of Labor and Workforce Development, and appropriate federal agencies. The
19 Department of Transportation and Public Facilities may prepare and adopt interim standards
20 and operating procedures and may require of its contractors the preparation of site-specific
21 plans for the use of gravel or other aggregate material that when tested using the bulk method
22 prescribed in sec. 5 of this Act, is determined to have a content equal to or greater than 0.25
23 percent naturally occurring asbestos by mass.

24 (c) The authority granted by (a) and (b) of this section expires December 31, 2013.

25 * **Sec. 5.** The uncoded law of the State of Alaska is amended by adding a new section to
26 read:

27 INTERIM STANDARDS FOR APPLICATION OF ASBESTOS BULK TESTING.
28 Until the Department of Transportation and Public Facilities adopts and prescribes a method
29 of bulk testing under AS 44.42.420(a), added by sec. 3 of this Act, the department shall use
30 California Air Resources Board Method 435, Determination of Asbestos Content of
31 Serpentine Aggregate, adopted on June 6, 1991, as that standard has effect on the effective

- 1 date of this Act, as the basis for determining the asbestos content of a bulk sample or for
2 interim use as authorized by sec. 4 of this Act.
- 3 * **Sec. 6.** This Act takes effect immediately under AS 01.10.070(c).