13:1E-99.28b LEGISLATIVE HISTORY CHECKLIST

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|--|---------------|--------|--|-------------------|--|
| LAWS OF: | 2022 | CHAP | PTER : 17 | | |
| NJSA: | 13:1E-99.28b | (Conc | erns use of steel slag as | s aggregate.) | |
| BILL NO: | A642 | (Subs | tituted for S1369) | | |
| SPONSOR(S) Craig J. Coughlin and of | | others | | | |
| DATE INTRODUCED: 1/11/2022 | | | | | |
| COMMITTEE: | ASSE | MBLY: | Commerce and Economic Development Environment and Solid Waste | | |
| | SENA | TE: | Environment and Ene | ergy | |
| AMENDED DURING PASSAGE: | | | Yes | | |
| DATE OF PAS | SAGE: ASSE | MBLY: | 5/26/2022 | | |
| | SENA | TE: | 6/16/2022 | | |
| DATE OF APPROVAL: 6/24/2022 | | | | | |
| FOLLOWING ARE ATTACHED IF AVAILABLE: | | | | | |
| FINAL TEXT OF BILL (Second | | | d Reprint enacted) | Yes | |
| A642 | | | | | |
| INTRODUCED BILL: (Includes | | | s sponsor(s) statement) | Yes | |
| COMM | NITTEE STATEN | IENT: | ASSEMBLY: | Yes | |
| | | | SENATE: | Yes | |
| (Audio archived recordings of the committee meetings, corresponding to the date of the committee statement, <i>may possibly</i> be found at www.njleg.state.nj.us) | | | | | |
| FLOOR AMENDMENT STATEMENT: | | | | No | |
| LEGISLATIVE FISCAL ESTIMA | | | IATE: | No | |

S1369

| INTRODUCED BILL: (Includes sponsor(s) statement) | | |
|--|-----------|----|
| COMMITTEE STATEMENT: | ASSEMBLY: | No |

SENATE: Yes

(Audio archived recordings of the committee meetings, corresponding to the date of the committee statement, *may possibly* be found at www.njleg.state.nj.us)

| FLOOR AMENDMENT STATEMENT: | No |
|------------------------------|----|
| LEGISLATIVE FISCAL ESTIMATE: | No |

| VETO MESSAGE: | Yes | | |
|---|-----|--|--|
| GOVERNOR'S PRESS RELEASE ON SIGNING: | Yes | | |
| FOLLOWING WERE PRINTED: To check for circulating copies, contact New Jersey State Government Publications at the State Library (609) 278-2640 ext.103 or <u>mailto:refdesk@njstatelib.org</u> | | | |
| REPORTS: | No | | |
| HEARINGS: | Yes | | |
| NEWSPAPER ARTICLES: | No | | |
| end | | | |

P.L. 2022, CHAPTER 17, *approved June 24*, 2022 Assembly, No. 642 (Second Reprint)

AN ACT concerning the use of steel slag as an aggregate and
 supplementing P.L.1987, c.102 (C.13:1E-99.11 et seq.).

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BE IT ENACTED by the Senate and General Assembly of the State of New Jersey:

1. a. Notwithstanding ¹the provisions of ¹ any law, or rule or 7 regulation adopted pursuant thereto, to the contrary, beginning 90 8 days after the effective date of this $1 \text{ [act]} \text{ section}^1$, a person $\frac{2}{3}$ 9 including a licensed site remediation professional,² may use steel 10 slag as an aggregate in any commercial or industrial development, 11 ²[and] or at a commercial or industrial site at which remediation is 12 <u>being overseen by</u>² a licensed site remediation professional ² [may 13 authorize the use of steel slag as an aggregate in the remediation of 14 a contaminated site $]^2$, provided ¹that the steel slag meets all 15 applicable engineering or geotechnical standards and specifications, 16 that¹ such use ¹ is for a purpose enumerated in subsection b. of this 17 section, and that the use¹ does not cause the exceedance of any: 18

(1) drinking water quality standard established by the
Department of Environmental Protection or the United States
Environmental Protection Agency; or

(2) groundwater quality standard established by the Departmentof Environmental Protection.

24 ²[¹Notwithstanding the provisions of any law, or any rule or regulation adopted pursuant thereto, to the contrary, the] The² use 25 of steel slag ²as provided for in subsection b. of this section is not 26 subject to regulation² as alternative fill ² [in the remediation of a 27 contaminated site] .² ² [pursuant to this section shall not require 28 29 prior written approval from the Department of Environmental Protection.¹]² 30 31 b. ¹Steel slag may be used pursuant to subsection a. of this section only for the following purposes: 32 (1) as an aggregate in making cement, concrete, or bituminous 33

34 <u>mixes such as pavement surfaces, wearing and binder courses,</u>
35 <u>bases, surface treatments, seal coats, slurry coats, and cold patch;</u>

36 (2) as an anti-skid material or snow and ice control aggregate;

37 (3) for stabilized shoulders ²[,] and ² banks ²[, and select

- 38 material surfacing, **]**² provided that, where slag is to be used for
- 39 bank and erosion control adjacent to surface waters or other

EXPLANATION – Matter enclosed in **bold-faced** brackets [thus] in the above bill is not enacted and is intended to be omitted in the law.

Matter underlined <u>thus</u> is new matter. Matter enclosed in superscript numerals has been adopted as follows: ¹Assembly AEN committee amendments adopted February 7, 2022. ²Assembly amendments adopted in accordance with Governor's recommendations May 9, 2022.

A642 [2R]

environmentally sensitive areas, an ecological evaluation, approved 1 2 by the Department of Environmental Protection, is first performed; (4) as engineered aggregate base ${}^{2}[,]$ or 2 sub-base ${}^{2}[,]$ and 3 loadbearing]² courses ²up to eight inches thick under permanent 4 structures, pavements, and sidewalks, except that thicknesses 5 greater than eight inches and up to 24 inches may be used under 6 7 non-residential permanent structures only if the greater thickness is 8 supported by an engineering justification developed by a licensed professional engineer familiar with the material justifying why a 9 thickness greater than eight inches is needed²; 10 (5) as railroad ballast; 11 (6) as a replacement for limestone for the neutralization of mine 12 drainage and industrial discharge, provided that uses in, or adjacent 13 14 to, water abide by all other applicable laws, rules, and regulations; (7) as soil amendment to ²adjust pH and² reduce the leachability 15 of contaminants in the soil. A use pursuant to this paragraph shall 16 be evaluated ²and approved individually² by either a licensed site 17 remediation professional or the Department of Environmental 18 19 Protection prior to its implementation; (8) in controlled industrial uses ²[, including, but not limited to,] 20 such as² granular fills ²up to eight inches² required for unpaved 21 parking and storage areas, pipe and tank backfill, ²[and]² berm 22 construction 2 , and other industrial and construction activity 2 ; 23 (9) as a replacement for natural aggregate at steel mills; 24 (10) as ²alternate² cover material for roads to working surfaces at 25 solid waste landfills; 26 (11) as roofing granules; and 27 (12) as cover material 2 up to eight inches 2 for the installation of 28 29 solar collectors. $\underline{c.}^{1}$ ²[No later than 90 days after the effective date of this ¹[act] 30 section¹, the] \underline{The}^2 Department of Environmental Protection 31 ²[shall] <u>may</u>² adopt, pursuant to the "Administrative Procedure 32 Act," P.L.1968, c.410 (C.52:14B-1 et seq.), rules and regulations 33 34 concerning the use of steel slag as an aggregate as necessary in 35 order to ensure the protection of the public health, safety, and the 36 environment. ¹[c.] $\underline{d.}^{1}$ As used in this section: 37 "Aggregate" means a material formed from fragments or 38 particles ²[, which can be utilized in construction or other related] 39 ² ² [industries.]² 40 ¹<u>"Alternative fill" means material to be used in a remedial</u> 41 action, ²[which contains contaminants in excess of the most 42 stringent soil remediation standards, site-specific alternative 43 standards, or site-specific interim standards adopted pursuant to 44 section 35 of P.L.1993, c.139 (C.58:10B-12), and which does not 45 contain free liquids. "Alternative fill" includes material that 46

A642 [2R]

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| 1 | contains contaminants in excess of any standards, or action levels | | | | |
|----|--|--|--|--|--|
| 2 | for contaminants without standards, <u>as defined pursuant to</u> | | | | |
| 3 | regulations ² promulgated by the Department of Environmental | | | | |
| 4 | Protection. | | | | |
| 5 | "Contaminant" means the same as that term is defined in section | | | | |
| 6 | <u>23 of P.L.1993, c.139 (C.58:10B-1).</u> ¹ | | | | |
| 7 | "Hazardous waste" means the same as that term is defined in | | | | |
| 8 | section 3 of P.L.1981, c.279 (C.13:1E-51). | | | | |
| 9 | "Licensed site remediation professional" means the same as that | | | | |
| 10 | term is defined in section 23 of P.L.1993, c.139 (C.58:10B-1). | | | | |
| 11 | ¹ "Remedial action" means the same as that term is defined in | | | | |
| 12 | section 23 of P.L.1993, c.139 (C.58:10B-1). ¹ | | | | |
| 13 | "Remediation" means the same as that term is defined in section | | | | |
| 14 | 23 of P.L.1993, c.139 (C.58:10B-1). | | | | |
| 15 | "Steel slag" means the nonmetallic coproduct that results from | | | | |
| 16 | the production of steel in an electric arc furnace, and that is: | | | | |
| 17 | (1) not a hazardous waste, as determined by the department; | | | | |
| 18 | (2) poured from the furnace in a molten state, cooled, and | | | | |
| 19 | processed to remove free metallic compounds; and | | | | |
| 20 | (3) sold and distributed in the stream of commerce as an | | | | |
| 21 | aggregate and managed as an item of value in a controlled manner, | | | | |
| 22 | and is not discarded. | | | | |
| 23 | | | | | |
| 24 | 2. This act shall take effect immediately. | | | | |
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| 28 | | | | | |
| 29 | Concerns use of steel slag as aggregate. | | | | |

ASSEMBLY, No. 642 STATE OF NEW JERSEY 220th LEGISLATURE

PRE-FILED FOR INTRODUCTION IN THE 2022 SESSION

Sponsored by: Assemblyman CRAIG J. COUGHLIN District 19 (Middlesex)

SYNOPSIS

Concerns use of steel slag as aggregate.

CURRENT VERSION OF TEXT

Introduced Pending Technical Review by Legislative Counsel.



A642 COUGHLIN

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AN ACT concerning the use of steel slag as an aggregate and 1 2 supplementing P.L.1987, c.102 (C.13:1E-99.11 et seq.). 3 4 BE IT ENACTED by the Senate and General Assembly of the State 5 of New Jersey: 6 7 1. a. Notwithstanding any law, or rule or regulation adopted 8 pursuant thereto, to the contrary, beginning 90 days after the 9 effective date of this act, a person may use steel slag as an 10 aggregate in any commercial or industrial development, and a licensed site remediation professional may authorize the use of steel 11 12 slag as an aggregate in the remediation of a contaminated site, 13 provided such use does not cause the exceedance of any: 14 (1) drinking water quality standard established by the 15 Department of Environmental Protection or the United States 16 Environmental Protection Agency; or 17 (2) groundwater quality standard established by the Department 18 of Environmental Protection. 19 b. No later than 90 days after the effective date of this act, the Department of Environmental Protection shall adopt, pursuant to 20 the "Administrative Procedure Act," P.L.1968, c.410 (C.52:14B-1 21 22 et seq.), rules and regulations concerning the use of steel slag as an 23 aggregate as necessary in order to ensure the protection of the 24 public health, safety, and the environment. c. As used in this section: 25 "Aggregate" means a material formed from fragments or 26 particles, which can be utilized in construction or other related 27 28 industries. 29 "Hazardous waste" means the same as that term is defined in section 3 of P.L.1981, c.279 (C.13:1E-51). 30 31 "Licensed site remediation professional" means the same as that 32 term is defined in section 23 of P.L.1993, c.139 (C.58:10B-1). 33 "Remediation" means the same as that term is defined in section 34 23 of P.L.1993, c.139 (C.58:10B-1). 35 "Steel slag" means the nonmetallic coproduct that results from 36 the production of steel in an electric arc furnace, and that is: 37 (1) not a hazardous waste, as determined by the department; 38 (2) poured from the furnace in a molten state, cooled, and 39 processed to remove free metallic compounds; and (3) sold and distributed in the stream of commerce as an 40 aggregate and managed as an item of value in a controlled manner, 41 and is not discarded. 42 43 44 2. This act shall take effect immediately.

A642 COUGHLIN

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STATEMENT

This bill would authorize the use of steel slag as an aggregate in industrial and commercial development and in the remediation of contaminated sites.

1 2

6 Specifically, the bill would authorize a person to use steel slag as 7 an aggregate in any commercial or industrial development, and it 8 would allow a licensed site remediation professional to authorize 9 the use of steel slag as an aggregate in the remediation of a 10 contaminated site, provided the use of steel slag does not cause the exceedance of any drinking water quality standard or groundwater 11 12 quality standard established by law. The Department of 13 Environmental Protection (DEP) would be authorized to adopt rules 14 concerning the use of steel slag as an aggregate, as necessary in 15 order to ensure the protection of the public health, safety, and the 16 environment.

ASSEMBLY ENVIRONMENT AND SOLID WASTE COMMITTEE

STATEMENT TO

ASSEMBLY, No. 642

with committee amendments

STATE OF NEW JERSEY

DATED: FEBRUARY 7, 2022

The Assembly Environment and Solid Waste Committee reports favorably and with committee amendments Assembly Bill No. 642.

This bill, as amended by the committee, would authorize the use of steel slag as an aggregate for certain uses in industrial and commercial development and the remediation of contaminated sites.

Specifically, the bill would authorize a person to use steel slag as an aggregate in commercial or industrial development for one of the uses specified in subsection b. of the bill. The bill would also allow a licensed site remediation professional to authorize the use of steel slag as an aggregate in the remediation of a contaminated site for one of the uses specified in subsection b. of the bill. Under the bill, any authorized use of steel slag would be prohibited from causing the exceedance of any drinking water quality standard or groundwater quality standard established by law, and any steel slag would be required to meet all applicable engineering or geotechnical standards and specifications.

The bill would also authorize the Department of Environmental Protection to adopt rules concerning the use of steel slag as an aggregate, as necessary in order to ensure the protection of the public health, safety, and the environment.

This bill was pre-filed for introduction in the 2022-2023 session pending technical review. As reported, the bill includes the changes required by technical review, which has been performed.

COMMITTEE AMENDMENTS

The committee amendments to the bill:

(1) provide that steel slag used pursuant to the bill would be required to meet all applicable engineering and geotechnical standards and specifications;

(2) provide that the use of steel slag as alternative fill in the remediation of a contaminated site pursuant to the bill would not require prior written approval from the Department of Environmental Protection;

(3) narrow the allowed uses of steel slag under the bill to those specified in subsection b. of the bill;

(4) add definitions for "alternative fill," "contaminant," and "remedial action" to subsection d. of the bill; and

(5) make clarifying changes to the bill's language.

STATEMENT TO

[First Reprint] ASSEMBLY, No. 642

STATE OF NEW JERSEY

DATED: MARCH 14, 2022

The Senate Environment and Energy Committee favorably reports Assembly Bill No. 642 (1R).

This bill would authorize the use of steel slag as an aggregate for certain uses in industrial and commercial development and the remediation of contaminated sites.

Specifically, the bill would authorize a person to use steel slag as an aggregate in commercial or industrial development for one of the 12 uses specified in subsection b. of the bill. The bill would also allow a licensed site remediation professional to authorize the use of steel slag as an aggregate in the remediation of a contaminated site for one of the 12 uses specified in subsection b. of the bill. Under the bill, any authorized use of steel slag would be prohibited from causing the exceedance of any drinking water quality standard or groundwater quality standard established by law, and any steel slag would be required to meet all applicable engineering or geotechnical standards and specifications.

The bill would also authorize the Department of Environmental Protection to adopt rules concerning the use of steel slag as an aggregate, as necessary in order to ensure the protection of the public health, safety, and the environment.

The bill is identical to Senate Bill No. 1369 as also reported by the committee.



ASSEMBLY BILL NO. 642 (First Reprint)

To the General Assembly:

Pursuant to Article V, Section I, Paragraph 14 of the New Jersey Constitution, I am returning Assembly Bill No. 642 (First Reprint) with my recommendations for reconsideration.

This bill would authorize the use of steel slag, a nonmetallic and nonhazardous coproduct of steel production that is sold as an aggregate, for certain enumerated commercial and industrial uses. The Department of Environmental Protection ("DEP" or "Department") has previously determined that certain specific uses of steel slag qualify for exclusion from New Jersey's solid waste regulations and are not considered remediation activities subject to the regulatory requirements for alternative fill. Thus, DEP has found that, when used for specific purposes and in appropriate conditions, the use of steel slag does not pose a threat to the environment or human health.

I am recommending that the bill be amended to align with the uses that DEP has previously identified as qualifying for an exclusion from the Department's regulations. I am also recommending revisions to clarify that the use of steel slag for the enumerated uses is exempt from regulation as an alternative fill, but continues to be subject to DEP regulations when used outside of these specific purposes. This change is consistent with the Legislature's intent as described in the Assembly and Senate Committee Statements. Finally, I am recommending amendments to clarify that, while steel slag may be used at industrial and commercial sites being remediated by a licensed site remediation professional, the enumerated uses are not themselves remediation activities. Together, these amendments will ensure that this bill does not put the environment or human health at risk, and will also provide greater clarity as to when steel slag may be used without Department approval.

Therefore, I herewith return Assembly Bill No. 642 (First Reprint) and recommend that it be amended as follows:

Page 2, Section 1, Line 9: After "person" insert
", including a licensed site
remediation professional,"

Page 2, Section 1, Line 11:

Page 2, Section 1, Line 11: Page 2, Section 1, Line 12: Page 2, Section 1, Line 13: Page 2, Section 1, Line 22: Page 2, Section 1, Line 23:

Page 2, Section 1, Line 24:

Page 2, Section 1, Line 24:

Page 2, Section 1, Lines 25-26:

Page 2, Section 1, Line 33:

Page 2, Section 1, Line 33:

Page 2, Section 1, Line 38:

Page 2, Section 1, Line 38:

Page 2, Section 1, Line 39:

remediation professional," Delete "and" and insert "or at a commercial or industrial site at which remediation is

Delete "may"

Delete in its entirety

being overseen by"

Delete "a contaminated site"

Delete in its entirety

Delete "regulation adopted pursuant thereto, to the contrary, the" and insert "The"

After "slag" insert "as provided for in subsection b. of this section is not subject to regulation"

Delete "in the remediation of a contaminated site" and insert "."

Delete in their entirety

After "shoulders" delete "," and insert "and"

Delete "and select material surfacing,"

After "base" delete "," and insert "or"

Delete ", and loadbearing"

After "courses" insert "up to eight inches thick under permanent structures, pavements, and and sidewa_____ thicknesses greater than eight inches and up to 24 inches may be used under non-residential permanent structures only if is the greater thickness supported by an engineering justification developed by a licensed professional engineer familiar with the material justifying why a thickness greater than eight inches is needed"

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| Page 3, Section 1, Line 1: | After "to" insert "adjust pH and" |
|---------------------------------|--|
| Page 3, Section 1, Line 2: | After "evaluated" insert "and approved individually" |
| Page 3, Section 1, Line 5: | Delete ", including, but not limited to," and insert "such as" |
| Page 3, Section 1, Line 6: | After "fills" insert "up to eight inches" |
| Page 3, Section 1, Line 7: | After "backfill," delete "and" |
| Page 3, Section 1, Line 7: | After "construction" insert ", and other industrial and construction activity" |
| Page 3, Section 1, Line 9: | After "as" insert "alternate" |
| Page 3, Section 1, Lie 12: | After "material" insert "up to eight inches" |
| Page 3, Section 1, Lines 13-14: | Delete "No later than 90 days after the effective date of this section, the" and insert "The" |
| Page 3, Section 1, Line 14: | Delete "shall" and insert "may" |
| Page 3, Section 1, Line 21: | Delete ", which can be utilized in construction or other related" and insert "." |
| Page 3, Section 1, Line 22: | Delete in its entirety |
| Page 3, Section 1, Line 24: | Delete "which contains contaminants in excess of the most stringent" |
| Page 3, Section 1, Lines 25-29: | Delete in their entirety |
| Page 3, Section 1, Line 30: | Delete "contaminants without standards," and insert "as defined pursuant to regulations" |
| []] | Respectfully, |
| [seal] | /s/ Philip D. Murphy |
| | Governor |
| Attest: | |

/s/ Parimal Garg Chief Counsel to the Governor 3

SENATE, No. 1369 STATE OF NEW JERSEY 220th LEGISLATURE

INTRODUCED FEBRUARY 3, 2022

Sponsored by: Senator JOSEPH F. VITALE District 19 (Middlesex)

SYNOPSIS

Concerns use of steel slag as aggregate.

CURRENT VERSION OF TEXT As introduced.



1 AN ACT concerning the use of steel slag as an aggregate and 2 supplementing P.L.1987, c.102 (C.13:1E-99.11 et seq.). 3 4 **BE IT ENACTED** by the Senate and General Assembly of the State 5 of New Jersey: 6 7 1. a. Notwithstanding the provisions of any law, or rule or 8 regulation adopted pursuant thereto, to the contrary, beginning 90 9 days after the effective date of this section, a person may use steel 10 slag as an aggregate in any commercial or industrial development, 11 and a licensed site remediation professional may authorize the use 12 of steel slag as an aggregate in the remediation of a contaminated 13 site, provided that the steel slag meets all applicable engineering or 14 geotechnical standards and specifications, that such use is for a 15 purpose enumerated in subsection b. of this section, and that the use 16 does not cause the exceedance of any: 17 (1) drinking water quality standard established by the 18 Department of Environmental Protection or the United States 19 Environmental Protection Agency; or 20 (2) groundwater quality standard established by the Department 21 of Environmental Protection. Notwithstanding the provisions of any law, or any rule or 22 23 regulation adopted pursuant thereto, to the contrary, the use of steel 24 slag as alternative fill in the remediation of a contaminated site 25 pursuant to this section shall not require prior written approval from 26 the Department of Environmental Protection. 27 b. Steel slag may be used pursuant to subsection a. of this 28 section only for the following purposes: 29 (1) as an aggregate in making cement, concrete, or bituminous 30 mixes such as pavement surfaces, wearing and binder courses, 31 bases, surface treatments, seal coats, slurry coats, and cold patch; 32 (2) as an anti-skid material or snow and ice control aggregate; 33 (3) for stabilized shoulders, banks, and select material surfacing, 34 provided that, where slag is to be used for bank and erosion control 35 adjacent to surface waters or other environmentally sensitive areas, 36 an ecological evaluation, approved by the Department of 37 Environmental Protection, is first performed; 38 (4) as engineered aggregate base, sub-base, and loadbearing 39 courses: 40 (5) as railroad ballast; 41 (6) as a replacement for limestone for the neutralization of mine 42 drainage and industrial discharge, provided that uses in, or adjacent 43 to, water abide by all other applicable laws, rules, and regulations; 44 (7) as soil amendment to reduce the leachability of contaminants 45 in the soil. A use pursuant to this paragraph shall be evaluated by 46 either a licensed site remediation professional or the Department of 47 Environmental Protection prior to its implementation;

S1369 VITALE

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(8) in controlled industrial uses, including, but not limited to,
 granular fills required for unpaved parking and storage areas, pipe
 and tank backfill, and berm construction;

4 (9) as a replacement for natural aggregate at steel mills;

5 (10) as cover material for roads to working surfaces at solid 6 waste landfills;

7 (11) as roofing granules; and

9

8 (12) as cover material for the installation of solar collectors.

c. No later than 90 days after the effective date of this section,

the Department of Environmental Protection shall adopt, pursuant
to the "Administrative Procedure Act," P.L.1968, c.410 (C.52:14B1 et seq.), rules and regulations concerning the use of steel slag as
an aggregate as necessary in order to ensure the protection of the
public health, safety, and the environment.

15 d. As used in this section:

16 "Aggregate" means a material formed from fragments or17 particles, which can be utilized in construction or other related18 industries.

"Alternative fill" means material to be used in a remedial action, 19 20 which contains contaminants in excess of the most stringent soil remediation standards, site-specific alternative standards, or site-21 specific interim standards adopted pursuant to section 35 of 22 23 P.L.1993, c.139 (C.58:10B-12), and which does not contain free 24 "Alternative fill" includes material that contains liquids. 25 contaminants in excess of any standards, or action levels for 26 contaminants without standards, promulgated by the Department of 27 **Environmental Protection.**

28 "Contaminant" means the same as that term is defined in section29 23 of P.L.1993, c.139 (C.58:10B-1).

30 "Hazardous waste" means the same as that term is defined in
31 section 3 of P.L.1981, c.279 (C.13:1E-51).

"Licensed site remediation professional" means the same as that
term is defined in section 23 of P.L.1993, c.139 (C.58:10B-1).

34 "Remedial action" means the same as that term is defined in35 section 23 of P.L.1993, c.139 (C.58:10B-1).

36 "Remediation" means the same as that term is defined in section37 23 of P.L.1993, c.139 (C.58:10B-1).

38 "Steel slag" means the nonmetallic coproduct that results from39 the production of steel in an electric arc furnace, and that is:

40 (1) not a hazardous waste, as determined by the department;

41 (2) poured from the furnace in a molten state, cooled, and42 processed to remove free metallic compounds; and

43 (3) sold and distributed in the stream of commerce as an
44 aggregate and managed as an item of value in a controlled manner,
45 and is not discarded.

46

47 2. This act shall take effect immediately.

S1369 VITALE 4

STATEMENT

This bill would authorize the use of steel slag as an aggregate for certain uses in industrial and commercial development and the remediation of contaminated sites.

6 Specifically, the bill would authorize a person to use steel slag as 7 an aggregate in commercial or industrial development for one of the 8 uses specified in subsection b. of section 1 of the bill. The bill 9 would also allow a licensed site remediation professional to 10 authorize the use of steel slag as an aggregate in the remediation of 11 a contaminated site for one of the uses specified in subsection b. of 12 section 1 of the bill. The bill would provide that the use of steel slag as alternative fill in the remediation of a contaminated site 13 14 would not require prior written approval from the Department of 15 Environmental Protection (DEP). Under the bill, any authorized 16 use of steel slag would be prohibited from causing the exceedance 17 of any drinking water quality standard or groundwater quality 18 standard established by law, and any steel slag would be required to 19 meet all applicable engineering or geotechnical standards and 20 specifications.

The bill would also authorize the DEP to adopt rules concerning the use of steel slag as an aggregate, as necessary in order to ensure

23 the protection of the public health, safety, and the environment.

1 2

STATEMENT TO

SENATE, No. 1369

STATE OF NEW JERSEY

DATED: MARCH 14, 2022

The Senate Environment and Energy Committee favorably reports Senate Bill No. 1369.

This bill would authorize the use of steel slag as an aggregate for certain uses in industrial and commercial development and the remediation of contaminated sites.

Specifically, the bill would authorize a person to use steel slag as an aggregate in commercial or industrial development for one of the 12 uses specified in subsection b. of section 1 of the bill. The bill would also allow a licensed site remediation professional to authorize the use of steel slag as an aggregate in the remediation of a contaminated site for one of the 12 uses specified in subsection b. of section 1 of the bill. The bill would provide that the use of steel slag as alternative fill in the remediation of a contaminated site would not require prior written approval from the Department of Environmental Protection (DEP). Under the bill, any authorized use of steel slag would be prohibited from causing the exceedance of any drinking water quality standard or groundwater quality standard established by law, and any steel slag would be required to meet all applicable engineering or geotechnical standards and specifications.

The bill would also authorize the DEP to adopt rules concerning the use of steel slag as an aggregate, as necessary in order to ensure the protection of the public health, safety, and the environment.

The bill is identical to Assembly Bill No. 642 (1R) as also reported by the committee.



Governor Murphy Takes Action on Legislation

05/9/2022

TRENTON - Today, Governor Phil Murphy signed the following bills into law:

S-356/A-3089 (Gopal, Stanfield/Benson, Haider, Spearman) - Provides for lifetime disqualification from operating commercial motor vehicle and transportation network company vehicle for persons convicted of human trafficking

S-399/A-3146 (Johnson, A.M. Bucco/Park, Jaffer, Greenwald) - Increases contribution limit by counties and municipalities to volunteer first aid, ambulance, and rescue squads

S-906/A-2847 (Diegnan, Holzapfel/Benson, McKnight) - Authorizes transfer on death (TOD) of title to motor vehicle

A-1115/S-1679 (Chaparro, Reynolds-Jackson, Danielsen/Pou, Turner) - Requires DEP to prioritize funding for environmental infrastructure projects for applicants with established program to employ, at project or related facilities, local residents or residents of nearby urban aid qualifying municipalities

Governor Murphy conditionally vetoed the following bills:

A-642/S-1369 (Coughlin, Dancer/Vitale) - CONDITIONAL - Concerns use of steel slag as aggregate

Copy of Statement

A-2472/S-510 (McGuckin, Moriarty, Auth, Piperno/Cryan) – CONDITIONAL - Establishes bribery in official and political matters applies to person soliciting, accepting, or agreeing to accept benefit as consideration to act even though not yet in office or otherwise qualified to act

Copy of Statement

ASSEMBLY BILL NO. 642 (First Reprint)

To the General Assembly:

Pursuant to Article V, Section I, Paragraph 14 of the New Jersey Constitution, I am returning Assembly Bill No. 642 (First Reprint) with my recommendations for reconsideration.

This bill would authorize the use of steel slag, a nonmetallic and nonhazardous coproduct of steel production that is sold as an aggregate, for certain enumerated commercial and industrial uses. The Department of Environmental Protection ("DEP" or "Department") has previously determined that certain specific uses of steel slag qualify for exclusion from New Jersey's solid waste regulations and are not considered remediation activities subject to the regulatory requirements for alternative fill. Thus, DEP has found that, when used for specific purposes and in appropriate conditions, the use of steel slag does not pose a threat to the environment or human health.

I am recommending that the bill be amended to align with the uses that DEP has previously identified as qualifying for an exclusion from the Department's regulations. I am also recommending revisions to clarify that the use of steel slag for the enumerated uses is exempt from regulation as an alternative fill, but continues to be subject to DEP regulations when used outside of these specific purposes. This change is consistent with the Legislature's intent as described in the Assembly and Senate Committee Statements. Finally, I am recommending amendments to clarify that, while steel slag may be used at industrial and commercial sites being remediated by a licensed site remediation professional, the enumerated uses are not themselves remediation activities. Together, these amendments will ensure that this bill does not put the environment or human health at risk, and will also provide greater clarity as to when steel slag may be used without Department approval.

Therefore, I herewith return Assembly Bill No. 642 (First Reprint) and recommend that it be amended as follows:

- <u>Page 2, Section 1, Line 9</u>: After "person" insert ", including a licensed site remediation professional,"
 <u>Page 2, Section 1, Line 11</u>: Delete "and" and insert "or at a commercial or industrial site at which remediation is being overseen by"
- Page 2, Section 1, Line 11: Page 2, Section 1, Line 12: Page 2, Section 1, Line 13: Page 2, Section 1, Line 22: Page 2, Section 1, Line 23:
- Page 2, Section 1, Line 24:

Page 2, Section 1, Line 24:

- Page 2, Section 1, Lines 25-26:
- Page 2, Section 1, Line 33:
- Page 2, Section 1, Line 33:
- Page 2, Section 1, Line 38:
- Page 2, Section 1, Line 38:
- Page 2, Section 1, Line 39:

After "courses" insert "up to eight inches thick under permanent structures, pavements, and sidewalks, except that thicknesses greater than eight inches and up to 24 inches may be used under non-residential permanent structures only if the greater thickness is supported by an engineering justification developed by a licensed professional engineer familiar with the material

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- Delete "may"
- Delete in its entirety
- Delete "a contaminated site"
- Delete in its entirety
- Delete "regulation adopted pursuant thereto, to the contrary, the" and insert "The"
 - After "slag" insert "as provided for in subsection b. of this section is not subject to regulation"
 - Delete "in the remediation of a contaminated site" and insert "."

Delete in their entirety

- After "shoulders" delete "," and insert "and"
- Delete "and select material surfacing,"
- After "base" delete "," and insert "or"
- Delete ", and loadbearing"

justifying why a thickness greater than eight inches is needed"

After "to" insert "adjust pH

After "evaluated" insert "and

Delete ", including, but not

limited to," and insert "such

After "fills" insert "up to

After "backfill," delete "and"

After "construction" insert ", and other industrial and

approved individually"

construction activity'

- Page 3, Section 1, Line 1:
- Page 3, Section 1, Line 2:
- Page 3, Section 1, Line 5:
- Page 3, Section 1, Line 6:
- Page 3, Section 1, Line 7:
- Page 3, Section 1, Line 7:
- Page 3, Section 1, Line 9:
- Page 3, Section 1, Lie 12:
- Page 3, Section 1, Lines 13-14:
- Page 3, Section 1, Line 14:
- Page 3, Section 1, Line 21:
- Page 3, Section 1, Line 22: Page 3, Section 1, Line 24:
- Page 3, Section 1, Lines 25-29: Page 3, Section 1, Line 30:
- Delete in their entirety Delete "contaminants without standards," and insert "as regulations" to
- Respectfully,
- /s/ Philip D. Murphy

Governor

- Attest:
- /s/ Parimal Garg

[seal]

Chief Counsel to the Governor

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and"

as″

eight inches"

- After "as" insert "alternate"
- After "material" insert "up to eight inches"
- Delete "No later than 90 days after the effective date of this section, the" and insert "The"
- Delete "shall" and insert "may"
- Delete ", which can be utilized in construction or other related" and insert "."
- Delete in its entirety
- "which contains contaminants in excess of the most stringent"
- Delete

Governor Murphy Takes Action on Legislation

06/24/2022

TRENTON - Today, Governor Phil Murphy signed the following bill into law:

A-642wGR/S1369 (Coughlin, Dancer/Vitale) - Concerns use of steel slag as aggregate