

1 Title 27, Division 2, Subdivision 1, Chapter 3, Subchapter 4

2
3 Article 2. Daily and Intermediate Cover

4
5 ~~§17258.21 Cover Material Requirements (14 CCR Chapter 3 Article~~
6 ~~4.5)~~

7
8 §20680 CIWMB Daily Cover. [T14: §17258.21(a) and (c); §17682]

9
10 (a) Except as provided in ¶(b) and ~~(c)~~, of this section and
11 §20690, the owners or operators of all municipal solid waste
12 landfill units shall cover disposed solid waste with a minimum of
13 six inches of compacted earthen material at the end of each
14 operating day, or at more frequent intervals if necessary, to
15 control disease vectors, fires, odors, blowing litter, and
16 scavenging. For the purposes of this section, the operating day
17 shall be defined as the hours of operation specified in the solid
18 waste facility permit.

19
20 (b) ~~The EA, with concurrence by the CIWMB, Board EA jointly~~
21 ~~with the CIWMB Director of the approved state~~ may grant a
22 temporary waiver from the requirements of ¶(a) if the owner or
23 operator demonstrates that there are extreme seasonal climatic
24 conditions that make meeting such requirements impractical.

25
26 (c) Earthen material or alternative materials of
27 alternative thickness shall be placed over all surfaces of
28 disposed solid waste for other than municipal solid waste
29 landfill units, as required by the EA to control disease vectors,
30 fires, odors, blowing litter, and scavenging without presenting a
31 threat to human health and the environment.

32
33 (d) For the purposes of this section, earthen material
34 shall include contaminated soil as defined in Title 14,
35 California Code of Regulations, §17361(b), and soil with
36 contaminants other than petroleum hydrocarbons which has been
37 approved for use as landfill daily cover by the RWOCB, and any
38 other governmental agencies from which approval is required, such
39 as the Department of Toxic Substances Control and Air Pollution
40 Control District or Air Quality Management District.

41
42 (e) For waste classification, compostion, and liquid
43 percolation requirements of daily cover, refer to the SWRCB
44 requirements set forth in §20705 of this article.

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(normal font - current regulations; italic - adopted AB 1220 regulations;
underlined normal font - proposed new regulations)

1
2 Note: Authority cited: Section 40502, 42245, 43020, 43021, 43030
3 Public Resources Code. Reference: Sections 40508, 43020 and 43021
4 Public Resources Code; and Code of Federal Regulations Section
5 258.21.

6
7 ~~Section 17682. Cover (14 CCR Article 7.5)~~

8
9 ~~In order to effectively prevent propagation or attraction of~~
10 ~~flies, rodents or other vectors, to control landfill fires, to~~
11 ~~prevent the creation of nuisances, cover material compacted to a~~
12 ~~minimum thickness of six (6) inches shall be placed over all~~
13 ~~surfaces of the compacted Group I and II wastes except for tree~~
14 ~~stumps and large brush at the landfill on a frequency of not less~~
15 ~~than the following periods:~~

16
17 ~~Tonnage greater than 50 per day daily cover~~
18 ~~Tonnage from 5 to 50 per day 48 hours~~
19 ~~Tonnage from 1 to 5 per day 96 hours~~
20 ~~Tonnage less than 1 per day as determined by the~~
21 ~~enforcement agency~~

22
23 ~~The Board shall consider any application for different cover and~~
24 ~~compaction requirements for special operating practices such as~~
25 ~~landfilling shredded waste.~~

26
27 **\$20690. CIWMB Alternative Daily Cover. [T14: \$17258.21(b);**
28 **\$17682]**

29
30 (a) General Requirements
31 (1) ~~Demonstration of Alternative materials of alternative~~
32 ~~thickness for daily cover (other than at least six inches of~~
33 ~~earthen material) for MSWLF units for municipal solid waste~~
34 ~~landfill units may be approved by the Board EA with concurrence~~
35 ~~by the CIWMB, if the owner or operator demonstrates that the~~
36 ~~alternative material and thickness control disease vectors,~~
37 ~~fires, odors, blowing litter, and scavenging without presenting~~
38 ~~a threat to human health and the environment. ,the EA jointly~~
39 ~~with the CIWMB Director of the approved state may grant final~~
40 ~~approvals of the usage of alternative materials.~~

41
42 (2) Alternative daily cover alone, or in combination with
43 compacted earthen material, shall be placed over the entire
44 working face at the end of each operating day or at more frequent

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1 intervals to control disease vectors, fires, odors, blowing
2 litter, and scavenging without presenting a threat to human
3 health and the environment. For the purposes of this section,
4 the operating day shall be defined as the hours of operation
5 specified in the solid waste facility permit.
6

7 (3) Should the application of alternative daily cover
8 become impracticable or contribute to conditions hazardous to
9 public health and safety and the environment, the owner or
10 operator shall terminate such use and revert to the use of
11 compacted earthen cover material in accordance with §20680. For
12 the purposes of this section, impracticable conditions are those
13 which make placement of alternative daily cover difficult due to
14 adverse climatic or other conditions such that the performance
15 requirements of ¶(a)(2) cannot be met.
16

17 (4) The owner or operator shall place compacted earthen
18 material over the entire working face at the end of any operating
19 day preceding closed time intervals in excess of 24 hours, unless
20 procedures as required by the EA are in place to ensure that the
21 requirements of ¶(a)(2) and (a)(3) are met. A stockpile of
22 earthen cover material and required equipment shall be available
23 to ensure a corrective response to violation of ¶(a)(2) and
24 (a)(3).
25

26 (5) The owner or operator shall maintain a daily record of
27 waste derived alternative daily cover in accordance with Title
28 14, California Code of Regulations, §18800 et. seq., with the
29 addition of type and quantity of each waste derived alternative
30 daily cover material applied as cover. The records shall be
31 available for inspection by authorized representatives of the EA,
32 the local health agency, and the CIWMB during normal business
33 hours and retained in the operating record near the site or in an
34 alternative location approved by the EA.
35

36 (6) For waste classification, compostion, and liquid
37 percolation requirements of alternative daily cover, refer to the
38 SWRCB requirements set forth in §20705.
39

40 (7) Waste derived materials used as alternative daily cover
41 shall be restricted to quantities no more than necessary to meet
42 the performance requirements of ¶(a)(2), or as specified in
43 subdivision (b) of this section.
44

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1 (8) Compost, co-compost, and chemically fixed sewage
2 sludge, that meet the performance standards for cover material,
3 shall be limited to up to 25 percent of landfill cover materials
4 or landfill cover extenders as required under Public Resources
5 Code (PRC) 42245.

6
7 (9) The EA shall apply this section to disposal facilities
8 other than municipal solid waste landfill units as necessary to
9 control nuisances and protect public health and safety and the
10 environment.

11
12 (b) Specific Requirements

13 Proposed uses of alternative daily cover materials not
14 specified in ¶ (b) (1) through (10) shall be subject to site
15 specific demonstration projects approved by the EA with
16 concurrence by the CIWMB to establish suitability as daily cover.
17 Site specific demonstration projects are not required for the
18 following materials used as specified and in accordance with
19 subdivision (a) of this section, unless required by the EA:

20
21 (1) Geosynthetic Fabric or Panel Products (Blankets)

22 (A) Geosynthetic blanket products shall be removed and
23 covered with waste or approved cover materials within 24 hours of
24 placement, unless the product is intended to be nonreusable, or
25 has been approved by the EA for continuous use beyond 24 hours.

26
27 (2) Foam Products

28 (A) Foam products shall not be applied when there is
29 precipitation or when there is a local forecast of greater than
30 40% chance of precipitation within 8 hours of application time in
31 the vicinity of the landfill.

32 (B) Foam products shall be covered with waste or other
33 approved cover materials within 72 hours of application, unless a
34 shorter time period is required by the EA to meet the
35 requirements of ¶(a) (2) and (a) (3) of this section.

36
37 (3) Shredded Green Material

38 (A) Shredded green material shall be material as defined in
39 Title 14, California Code of Regulations, §17258(u) with the
40 exclusion of manure. Shredded green material may include varying
41 proportions of chipped wood waste from urban and other sources
42 and shall be ground, chipped, or shredded in a manner to provide
43 a compacted material free of open voids.

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1 (B) Shredded green material shall be restricted to a
2 minimum compacted thickness of 6 inches and average compacted
3 thickness of less than or equal to
4 12 inches.

5 (C) To prevent decomposition with attendant odor and vector
6 problems, green material shall be used as alternative daily cover
7 within 10 days of receipt at the landfill and 3 days of
8 processing, or an alternative time period as required by the EA
9 to control nuisances and protect public health and safety and the
10 environment. Shredded green material placed as cover shall not
11 be exposed for greater than 21 days.

12
13 (4) Sludge and Sludge-Derived Products

14 (A) Public contact with sludge or sludge-derived, either
15 alone or blended with soil, ash, shredded green material, or
16 stabilization agents such as lime, shall be prohibited. This
17 prohibition shall apply to staging, processing, tipping, and
18 cover placement areas.

19 (B) Sludge or sludge-derived products, either alone or
20 blended with soil, shredded green material, ash, or stabilization
21 agents such as lime, shall form a compacted homogeneous material
22 which can be placed without forming open voids or causing
23 material to be tracked off the working face area.

24
25 (5) Ash Materials

26 (A) Ash, either alone or blended with earthen material,
27 shall form a compacted homogeneous material which can be placed
28 without forming open voids or causing material to be tracked off
29 the working face area. For the purposes of this section, ash
30 means nonhazardous residue from the combustion of any
31 nonhazardous solid or liquid materials pursuant to Title 22,
32 California Code of Regulations, or which may be approved for use
33 as landfill daily cover by the RWOCB, and any other governmental
34 agencies from which approval is required, such as the Department
35 of Toxic Substances Control and Air Pollution Control District or
36 Air Quality Management District.

37 (B) Ash, either alone or blended with earthen material,
38 shall not create excessive dust. Dust is excessive when it
39 results in any of the following: safety hazards due to obscured
40 visibility; irritation of the eyes; or hampered breathing.

41 (C) Ash, either alone or blended with earthen material,
42 shall be restricted to a minimum compacted thickness of 6 inches
43 and average compacted thickness of less than 18 inches.

1 (6) Treated Auto Shredder Waste
2 (A) Treated auto shredder waste shall meet the treatment
3 standards of §66268.106(a)(1) of Title 22, California Code of
4 Regulations, as required by the Department of Toxic Substances
5 Control.
6 (B) Treated auto shredder waste used for alternative daily
7 shall be restricted to a minimum compacted thickness of 6 inches
8 and average compacted thickness of less than 24 inches.
9
10 (7) Contaminated Sediment, Dredge Spoils, Foundry Sands,
11 Energy Resource Exploration and Production Wastes —
12 (A) Contaminated sediment, dewatered dredge spoils, foundry
13 sands, or processed nonhazardous energy resource exploration and
14 production wastes shall be restricted to a minimum compacted
15 thickness of 6 inches and average compacted thickness of less
16 than 18 inches. Such materials shall form a compacted homogeneous
17 material which can be placed without forming open voids or
18 causing material to be tracked off the working face area.
19
20 (8) Compost Materials
21 (A) Except as provided in §(b)(8)(C), of this section,
22 compost shall meet the environmental health standards of Article
23 7 of Chapter 3.1.
24 (B) Public contact shall be precluded from cover staging,
25 processing, tipping, and placement areas for nonhazardous compost
26 products which do not meet the environmental health standards of
27 Article 7 of Chapter 3.1.
28
29 (9) Construction and Demolition Wastes
30 (A) Construction and demolition wastes shall be restricted
31 to crushed or ground materials alone or mixed with soil to
32 provide a compacted material free of open voids.
33 (B) Construction and demolition wastes shall be restricted
34 to a minimum compacted thickness of 6 inches and average
35 compacted thickness of less than 18 inches.
36
37 (10) Shredded Tires
38 (A) Shredded tires used as daily cover alone or mixed with
39 soil shall be shredded such that 90% by volume is smaller than 6
40 inches in length and no individual pieces are greater than 12
41 inches in length.
42 (B) Shredded tires used as alternative daily cover without
43 admixed soil shall not be applied when there is precipitation or
44 when there is a local forecast of greater than 40% chance of

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1 precipitation within 8 hours of application time in the vicinity
2 of the landfill.

3
4 Note: Authority cited: Section 40502, 41783.3, 42245, 43020,
5 43021, 43030 Public Resources Code. Reference: Sections 40508,
6 43020 and 43021 Public Resources Code; and Code of Federal
7 Regulations Section 258.21.

8
9 ~~§20695~~ ~~§20685~~ ~~§17683~~ CIWMB Cover Performance Standards. [T14:
10 §17683]

11
12 ~~When alternative materials per §20680 (c) (d) are approved, the~~
13 ~~following performance standards may be used in lieu of section~~
14 ~~17682 only when the requirements of section 18309 have been met:~~
15 The EA may require the following cover performance standards if
16 necessary to control disease vectors, fires, odors, and blowing
17 litter and to evaluate the suitability of alternative daily or
18 intermediate cover:

19
20 (a) Vectors

21 (1) Threshold Values-The following shall constitute
22 threshold values for vector
23 populations:

24 (A) Flies-A fly grill survey value of six (6) or more
25 domestic flies, or observations of domestic flies in the
26 "crawler" stage (newly emerged adults prior to wings becoming
27 functional) at a density of three (3) or more per square yard of
28 surface area at any location on the disposal site area. Domestic
29 flies are considered to be those species in the Families:
30 Muscidae (including Anthomyiidae), Calliphoridae, Sarcophagidae,
31 and Drosophilidae.

32 (B) Domestic Rats-The trapping of one or more domestic rats
33 anywhere on the disposal site. Domestic rats are considered to be
34 any species in the genus Rattus.

35 (C) Field Rodents-Observation of five (5) or more field
36 rodents feeding on the active face of the disposal site. Field
37 rodents are considered to be any species in the Family Sciuridae.

38 (D) Mosquitoes-The observation of any immature mosquito
39 stages from water holding waste materials on the disposal site.

40 (E) Wasps, cockroaches, etc.-The observation of excessive
41 populations utilizing
42 accepted norms.

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1 (2) Inspection Practices

2 (A) Schedule- Fly grill surveys shall be conducted on each
3 disposal site a minimum of once per week. Sampling to determine
4 the species composition of the fly population shall be conducted
5 a minimum of once per month. Rat trapping surveys shall be
6 conducted at least once each month. ~~If no domestic rats are~~
7 ~~captured after six (6) consecutive surveys, the frequency may be~~
8 ~~extended to once every three (3) months. In the event a domestic~~
9 ~~rat is trapped on the site thereafter, the frequency shall revert~~
10 ~~to once a month until six (6) consecutive surveys produce no~~
11 ~~domestic rats.~~ Observations for mosquitos, wasps, cockroaches,
12 "crawler" flies or other types of vectors shall be made during
13 each inspection of the disposal site. The EA may approve
14 alternative inspection schedules or cease inspections if previous
15 inspections or other observations indicate no further threat to
16 public health and safety.

17 (B) Procedure-Ten (10) fly grill counts shall be made over
18 appropriate attractants on the active face of the disposal site
19 during each inspection utilizing accepted practices to count and
20 record the flies. The five (5) highest counts shall be averaged
21 to obtain the value for that inspection. In sampling to provide
22 qualitative data for the fly species composition on a disposal
23 site, any of the following or other acceptable method for
24 sampling adult flies shall be observed:

- 25 -bait traps, exposed for at least a continuous 24-hour period at
- 26 separate locations, or
- 27 -sticky tapes, exposed for a continuous 24-hour period at
- 28 separate locations, or
- 29 -utilization of a standard insect net on the active working face,
- 30 or
- 31 -other approved method to provide a representative sample.

32 For uniformity of information, one of the approved methods
33 shall be selected for use on a continuing basis at each disposal
34 site.

35 A minimum of two (2) domestic rat trap lines each containing
36 twenty (20) traps shall be operated for one night on each
37 disposal site at the prescribed frequency. Traps
38 appropriately baited, shall be set at 20-foot intervals in each
39 trap line. One trap line shall be located on or as close to the
40 active face as practical. The other trap line shall be located on
41 the periphery of the site in suitable rodent habitat. On very
42 large sites additional trap lines will be required to provide an
43 adequate sample. Visual observations of field rodents or their
44 signs shall be made and recorded during each inspection.

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1 (C) Equipment- All fly surveys conducted on the active face
2 of the disposal site shall be made with a Scudder fly grill. This
3 device is a square grill consisting of 24 slats, each 3' x 3/4" x
4 1/4" placed 3/4" apart on a Z-shaped framework. Species composition
5 of fly populations at the site shall be made with the use of fly
6 traps, sticky tapes, an insect net, or other approved method to
7 provide a representative sample. Snap traps or live traps, or a
8 combination thereof, of suitable size and design shall be used to
9 capture mature domestic rats.

10 (D) Records- The following information shall be recorded at
11 a minimum during each inspection: Name of site; location; date of
12 inspection; name of person(s) making the inspection; the time the
13 inspection began; the time the inspection ended; temperature;
14 wind conditions; moisture conditions; sky conditions; shade;
15 attractants; results of the 10 Scudder grill counts; number and
16 species of all flies captured; number of domestic rats trapped
17 since the previous inspection; number of field rodents observed
18 (or signs of their presence), and the presence of any mosquitoes,
19 wasps, cockroaches, or other types of vectors. These records
20 shall be kept up to date and shall be submitted to ~~Board and/or~~
21 Department EA upon request.

22
23 ~~(b) Odor~~

24 ~~(1) The operator shall not cause, let, permit, suffer, or~~
25 ~~allow the emission of any odorous substance which causes the~~
26 ~~ambient air at or beyond the facility's property boundary to be~~
27 ~~odorous and to remain odorous subsequent to its dilution with~~
28 ~~4 parts of odor free air (odor free air is ambient air which has~~
29 ~~been filtered through activated carbon). Samples of ambient air~~
30 ~~shall be collected and evaluated as prescribed below.~~

31
32 ~~(2) Samples of ambient air shall be collected and evaluated~~
33 ~~whenever the enforcement agency and/or the board receive a total~~
34 ~~of five (5) or more complaints from separate individuals within a~~
35 ~~90 day period alleging that the facility has generated odors~~
36 ~~perceived at or beyond the property boundary of the facility and~~
37 ~~deemed to be objectionable by the complainants in the normal~~
38 ~~course of their work, travel, or residence.~~

39
40 ~~(3) Samples shall be collected in clean Tedlar bags in a~~
41 ~~manner which minimizes alteration of the sample either by~~
42 ~~contamination or by loss of odorous materials. Sampling~~
43 ~~techniques and performance are subject to approval by the Chief~~
44 ~~of the board's Enforcement and Technical Assistance Division.~~

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1 ~~(4) All samples collected shall be evaluated as soon after~~
2 ~~collection as possible utilizing an evaluation apparatus that~~
3 ~~consists of a dynamic olfactometer (variable dilution device)~~
4 ~~which accepts the sample from the Tedlar bag and dilutes it with~~
5 ~~treated air from the room. The train for treating room air prior~~
6 ~~to its combination with the field sample shall consist of a bed~~
7 ~~of Drierite or other drying agent followed by a bed of activated~~
8 ~~charcoal. The dynamic olfactometer shall expel treated room air,~~
9 ~~or field sample diluted with treated room air, to an inhalation~~
10 ~~mask at a flow rate of approximately 0.5 cfm.~~

11
12 ~~(5) During the evaluation procedure, three subjects shall be~~
13 ~~seated out of sight of the evaluation apparatus and fitted with~~
14 ~~the inhalation mask. The subjects shall be selected in~~
15 ~~accordance with the procedure approved by the Chief of the~~
16 ~~board's Enforcement and Technical Assistance Division and which~~
17 ~~are designed to eliminate prospective subjects who have olfactory~~
18 ~~sensitivity deemed by the Chief of the board's Enforcement and~~
19 ~~Technical Assistance Division to be unduly sensitive or~~
20 ~~unsensitive at the time of the test. A signal lamp and a signal~~
21 ~~switch shall be placed in front of each subject. The subjects~~
22 ~~shall be given twenty (20) presentations, each of 5 seconds~~
23 ~~duration and 10 seconds apart, for appraisal. Half the~~
24 ~~presentations (10) shall be diluted field sample, and half (10)~~
25 ~~shall consist only of dry, odor free air. The presentations of~~
26 ~~sample and odor free air shall be given in random order. At the~~
27 ~~time each presentation is made, each subject's response is~~
28 ~~solicited by lighting the subject's signal lamp. If the subject~~
29 ~~can detect any odor, (s)he shall respond by pressing his (her)~~
30 ~~signal switch. The operator shall record each subject's~~
31 ~~affirmative or negative response. If the presentation of a~~
32 ~~sample elicits an affirmative response in less than 5 seconds,~~
33 ~~odor free air shall be substituted for the remainder of the~~
34 ~~5 second presentation period. During the 10 second relaxation~~
35 ~~period between presentations, odor free air shall be supplied to~~
36 ~~the mask.~~

37
38 ~~(6) A diluted sample shall be deemed odorous, if during the~~
39 ~~evaluation as prescribed in part (5) above, two of the subjects~~
40 ~~gave negative responses to at least eight (8) of the ten (10)~~
41 ~~odor free or "blank" presentations and affirmative responses to~~
42 ~~at least eight (8) of the ten (10) field sample presentations.~~
43 ~~Samples deemed to be odorous in accordance with the evaluation~~

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1 ~~analysis described in this part shall be deemed to be a violation~~
2 ~~of the limits established in part (1) above.~~

3
4 (b) Fire

5 Burning material, or any solid waste at a temperature likely
6 to cause fire, shall not be deposited in the fill. Said material
7 shall initially be deposited in a separate location a sufficient
8 distance from the fill area to prevent fires from spreading to
9 the normal fill area. It shall then be spread in a single layer
10 not exceeding one (1) foot in thickness and immediately covered
11 with a sufficient amount of earth or sprayed with sufficient fire
12 retardant to extinguish all combustion. Final disposition of the
13 material shall not take place until the operator is certain that
14 no further combustion will take place under any conditions.

15 Fires which originate within the fill shall be handled by
16 removing all the burning material from the fill and extinguishing
17 it as described above, or by in-situ practices approved by the
18 EA. Excavation of burning materials shall be undertaken in a
19 planned and controlled manner; with sufficient fire fighting
20 equipment present to control any "flare-ups" which may occur as
21 outside air reaches the burning materials. The EA enforcement
22 agency and the board shall be immediately notified of any fire
23 ~~which cannot be extinguished within 24 hours after it originated.~~

24
25 (c_d) Litter

26 Litter shall not be allowed to migrate off-site and create a
27 nuisance or impair public health and safety.

28
29 (d) Alternative Methods

30 Alternative cover performance standards in lieu of ¶(a)
31 through (c) of this section may be applied by the EA with
32 concurrence by the CIWMB.

33
34 ~~(e) Moisture Infiltration~~

35 ~~(1) All refuse which is left exposed at the end of the~~
36 ~~working day shall be totally covered during the next working day~~
37 ~~with either refuse received during the next working day or six~~
38 ~~(6) inches of compacted soil suitable for the purpose.~~

39
40 ~~(2) During the "dry season," the total area of exposed~~
41 ~~refuse at the facility shall not exceed a value computed with the~~
42 ~~following equation:~~

43 ~~$A_d = 4,328.09 \ln (I) - 12,931.59$~~

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1 ~~where A_d is the maximum area of exposed refuse in square~~
2 ~~feet for the "dry season" and I is the average amount of refuse~~
3 ~~received daily at the site in tons. For the purpose of this~~
4 ~~regulation, the "dry season" is defined as any month in which the~~
5 ~~facility receives an average of less than 1.0 inch of~~
6 ~~precipitation on a long term statistical basis.~~

7
8 ~~(3) During the "wet season" the total area of exposed refuse~~
9 ~~at the facility shall not exceed a value computed with the~~
10 ~~following equation:~~

11 ~~$A_w = A_d \times (1.0 - P/100)$~~

12 ~~where A is the maximum area of exposed refuse in square feet~~
13 ~~for the "wet season," A_d is the maximum area of exposed refuse~~
14 ~~for the dry season computed utilizing the equation contained in~~
15 ~~part (2) above, and P is the average annual precipitation in~~
16 ~~inches for the facility. For the purposes of this regulation,~~
17 ~~the "wet season" is defined as any month in which the facility~~
18 ~~receives an average of 1.0 inch or more of precipitation on a~~
19 ~~long term statistical basis.~~

20
21 NOTE: Authority Cited: Section 40502, 41783.3, Public Resources
22 Code. Reference: Sections 40508, 43020 and 43021, Public
23 Resources Code; and Code of Federal Regulations Section 258.21.

24
25 **§20700. CIWMB Section 17684 Intermediate Cover. [14 CCR §17684]**

26
27 ~~At the end of each day of operation of sites receiving Group 2~~
28 ~~wastes, in all but the final lift, a compacted layer of at least~~
29 ~~12 inches of cover shall be placed on all surfaces of the fill~~
30 ~~where no additional refuse will be deposited within 180 days.~~
31 ~~The 12 inch thickness may be reduced as approved by the~~
32 ~~Enforcement Agency.~~

33 (a) ~~Compacted earthen material at least twelve (12) inches~~
34 ~~shall be placed on all surfaces of the fill where no additional~~
35 ~~solid waste will be deposited within 180 days to to control~~
36 ~~disease vectors, fires, odors, blowing litter, and scavenging.~~

37
38 (b) Alternative materials of alternative thickness (other
39 than at least twelve inches of earthen material) for intermediate
40 cover may be approved by the EA with concurrence by the CIWMB, if
41 the owner or operator demonstrates that the alternative material
42 and thickness control disease vectors, fires, odors, blowing
43 litter, and scavenging without presenting a threat to human
44 health and the environment.

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1
2 (c) For waste classification, compostion, and liquid
3 percolation requirements of intermediate cover and alternative
4 intermediate cover, refer to the SWRCB requirements set forth in
5 §20705 of this article.

6
7 (d) Proposed use of alternative intermediate cover shall be
8 subject to site specific demonstration to establish suitability
9 as intermediate cover. Demonstration projects shall approved by
10 the EA with concurrence by the CIWMB.

11
12 NOTE: Authority Cited: Section 40502, 41783.3, Public Resources
13 Code. Reference: Sections 40508, 43020 and 43021, Public
14 Resources Code; and Code of Federal Regulations Section 258.21.
15