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§ 20810. CIWMB - Vector and Bird Control. (T14:s17707)

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Title 27 . Environmental Protection

Division 2. Solid Waste

Subdivision 1. Consolidated Regulations for Treatment, Storage, Processing or Disposal of Solid Waste

Chapter 3. Criteria for All Waste Management Units, Facilities, and Disposal Sites

Subchapter 4. Criteria for Landfills and Disposal Sites

Article 4. CIWMB - Controls (Refs & Annos)

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§ 20810. CIWMB - Vector and **Bird Control. (T14:s17707)**

The operator shall take adequate steps to control or prevent the propagation, harborage or attraction of flies, rodents, or other vectors and to minimize **bird** problems.

Note: Authority cited: Section 40502, Public Resources Code. Reference: Sections 43020, 43021 and 43103, Public Resources Code.

HISTORY

1. New section filed 6-18-97; operative 7-18-97 (Register 97, No. 25).

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Division 2. Solid Waste

Subdivision 1. Consolidated Regulations for Treatment, Storage, Processing or Disposal of Solid Waste

Chapter 4. Documentation and Reporting for Regulatory Tiers, Permits, WDRs, and Plans

Subchapter 3. Development of Waste Discharge Requirements (WDRs) and Solid Waste Facility Permits

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27 CCR § 21600

§ 21600. CIWMB -Report of Disposal Site Information (RDSI). (T14:§17607, 17616, 17626, 17628, 17629, 18222)

(a) In order to obtain a solid waste facility permit, each operator of a disposal site must file with the EA a RDSI as required in §21600 and §21590. The information contained in the RDSI shall be used to determine whether a permit should be issued and to provide information to be included within the permit if applicable. In order to maintain the permit, the operator must file amendments to the RDSI as required in §21665. Such amendments or lack thereof may become the basis for changes in the permit or for revocation of the permit. The submittal shall contain only those items listed in §21570(f) that have changed or otherwise specified by the enforcement agency.

(b) A RDSI shall contain the following:

(1) General

(A) Facility Overview - Provide a statement including the name of the site, the name of the person who will operate the site, the name of the person who owns the land, and a description of the operation cycle.

(B) Site Plan - Provide facility plan(s), including the pre-disposal topography of the site, the facility boundary of the site (clearly illustrating parcels owned by the operator and/or any parcels leased), the total permitted acreage of the site, the acreage of the disposal area, fill sequencing and excavation plans, the extent of any buffer zones between the disposal area and the permitted property boundaries provided by the facility layout, and the vertical limits of the site. The map required for a ROWD/JTD may be used for the RDSI providing all requirements of this subsection are met.

(C) Hours - State the hours and days of operation for the site, including but not limited to maintenance, site operation, receipt of waste, and public and commercial access.

(2) Waste Classification and Management

(A) Waste Types/Volumes - Describe the types of wastes accepted or proposed for acceptance. Estimated waste volumes should be presented, including current daily average and peak daily waste flows as well as a five year projected waste flow. Specific mention shall be made concerning the receipt of liquid, designated, special wastes or hazardous waste, if taken.

(3) Waste Management Unit Classification and Siting

(A) Airport Safety - Provide documentation that the Federal Aviation Administration and appropriate airport officials were notified if a new MSWLF unit or lateral expansion will be sited within a five-mile radius of any airport runway end used by turbojet or piston-type aircraft. Include results of the demonstration requirement, if required by §20270.

(B) Volumetric Capacity - Provide calculations for volumetric capacity of the site expressed in cubic yards, net permitted capacity available for waste disposal, including the amount of capacity consumed by soils used for liner construction, daily and intermediate cover, and final cover, if included in the total capacity given. Attach topographic maps, including the delineation of the site property boundary and the disposal area used for the volumetric calculations and the date of survey. This information shall be certified by a registered civil engineer or registered geologist.

(C) Site Life Estimate - Provide an estimate of the site life based on the capacity of the site and the waste flow projections, and assumptions regarding the compaction density used in life expectancy calculations. Include any other factors which may effect

site life (e.g. local restrictions).

(D) Site Location - Describe the site location, referencing a location map highlighting the legal boundaries, points of access, and major access routes for waste deliveries to the site.

(E) Land Use - Describe and provide a plot plan showing land uses and land use zoning for all properties within 1000 feet of the facility boundary shown on a site plan. The site plan must show structures located on these adjacent properties or distances to the nearest structures. The plot plan shall include specific limits of the existing and planned disposal areas, in relationship to the surrounding land use.

(F) Ancillary Facilities - Describe and provide a plot plan showing all ancillary facilities at the site, including, but not limited to, administration buildings, entrance facilities, scales, maintenance structures, and hazardous materials storage areas.

(4) Design and Construction Standards for all Sites

(A) General Design Parameters - Describe how the site design accommodates or provides for the service area, climatological factors, physical setting, soils, drainage, and other pertinent information. The design shall be developed by a registered civil engineer or registered geologist. If the site is to be used by the general public, show how the design accommodates such use.

(B) Design Responsibility - Design of a new disposal site shall be under the direction of a registered civil engineer. The designer shall utilize expert advice as appropriate from persons competent in soils, hydrology, geology, landscape design, chemistry and other disciplines.

(C) Construction Sequencing Plans - Describe sequencing plans showing the anticipated phases of site development. A map showing the topographical contours prior to filling and the existing topographical contours of the permitted boundary.

(D) Grading Plan - Include a grading plan showing the proposed final elevations of the completed disposal site, and excavation depth, including existing and proposed borrow area.

(E) Gas Management Plan - The gas management plan shall include a description of the facility's gas control and monitoring systems. The site plan shall show locations of monitoring wells. The plan shall describe how the facility will comply with §20919 and §20919.5. Describe any possible use of landfill decomposition gases. Reference any additional information provided in the closure plans pursuant to Article 6.

(5) Operating Criteria

(A) Records - Describe the procedures for maintaining accurate records as required in §§20510 and 20515.

(B) Security - Describe how the operator will discourage unauthorized access by persons or vehicles.

(C) Sanitary Facilities - Describe the sanitary facilities available to site personnel and the public.

(D) Communications Systems - Describe the communications systems utilized and emergency communications procedures followed at the site.

(E) Lighting - Describe the locations, numbers, and types of all permanent and portable lighting to assure safety of employees during nighttime operations, if applicable.

(F) Safety Equipment - List personal safety equipment used by operating and maintenance personnel.

(G) Personnel Requirements - State the minimum numbers and qualifications of personnel required for site operations, maintenance, environmental controls, records, emergency, and health and safety.

(H) Personnel Training - Describe the training required by the various personnel identified above and how that training is to be provided in order to comply with §20610.

(I) Supervisory Structure - Describe supervisory structure, including the management organization which will operate the site and the name of supervisor(s).

(J) Spreading and Compaction - Describe the equipment and methods used to spread and compact wastes.

(6) Cover and Beneficial Use

(A) Cover Materials - Provide a plot plan identifying cover material quantities required from on-site sources, excavation sequence of the site and stockpile locations if stockpiled for a significant amount of time. Identify or describe off-site sources or types of cover materials needed for a five year duration if not included on plot plan.

(B) Alternative Daily Cover and Beneficial Reuse - Describe alternative daily cover and beneficial reuse waste types, processing methods, alternative processing or grain size specifications if applicable, operations methods, and applicable engineering, or other standard practices that will be used to ensure compliance with §§20695 and 20690. Estimate the range in tons of these materials that are anticipated to be used, based on waste types, applicable cover to waste volume ratios, applicable density conversion factors, engineering specifications, methods to minimize contamination, or other pertinent information. Materials accepted at the landfill to be used as alternative daily cover or for beneficial reuse shall be weighed upon receipt at landfills

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which have scales but need not be weighed again prior to placement at the landfill. Appropriate conversion factors for specific materials based on industry standards are acceptable for tracking materials received at landfills which do not have scales.

(C) Cover Frequency - State the cover frequency proposed or the alternative daily cover proposed for use in lieu of soil as daily cover. Provide information regarding compliance with §§20680 and 20695 if applicable.

(D) Intermediate Cover - Describe the operator's methods for placing intermediate cover on all areas of the landfill which have not received waste for an 180 day or more time frame.

(7) Handling

(A) Public Health Design Parameters - Disposal sites shall be designed in such a manner as to minimize the propagation or harborage of flies, rodents or other vectors, and the creation of nuisances by reason of solid wastes being deposited at the site. Other factors which shall be taken into consideration are air and water quality, noise control, odor control, public safety and other pertinent matters related to the protection of public health.

(B) Salvaging Activities - If salvaging activities are proposed, describe types of materials handled, and procedures to ensure that salvaging and other waste activities are conducted in a planned and controlled manner so they do not interfere with other aspects of site operation. Provide an EA approved list of items which the facility is permitted to salvage. Describe the storage area for salvaged materials generated on-site or imported. Describe the procedures to ensure that salvage is removed at a frequency which will prevent health or fire problems.

(C) Volume Reduction Activities - If volume reduction activities such as baling and shredding are proposed, describe procedures to ensure proposed operations are conducted in a controlled manner so that they do not interfere with proper construction and maintenance of the site, and do not create health, safety or environmental problems.

(D) Equipment - Describe the minimum equipment requirements necessary to assure ongoing compliance with the state minimum standards. List on-site equipment designated as standby, or provide an up-to-date list of firms or agencies which can supply replacement units within a period of time short enough to ensure compliance with all regulatory requirements. Describe preventative maintenance activities for the equipment listed above.

(E) Waste Handling - Describe dimensions of unloading area and unloading practices. Include procedures for handling, unloading and disposal of liquid waste, special waste, or hazardous waste, if accepted.

(8) Controls

(A) Nuisance - Describe procedures to prevent or control public nuisances.

(B) Fire - Describe procedures for handling burning waste and preventing landfill fires.

(C) Leachate - Describe methods for controlling surface leachate to prevent contact with the public.

(D) Dust Control - Describe procedures which will be taken to control and minimize the creation of dust and prevent safety hazards due to obscured visibility.

(E) Vectors - Describe measures to be taken to control or prevent the propagation, harborage or attraction of flies, rodents, or other vectors and to minimize **bird** problems.

(F) Drainage and Erosion - Provide a conceptual design and description of the drainage system as it pertains to roads, structures and gas monitoring systems, preventing safety hazards and preventing the exposure of waste.

(G) Litter - Describe the collection frequency for controlling litter and windblown materials in order to prevent the accumulation of quantities which cause a public nuisance or other problems. Include the litter control method used, i.e. litter fences, litter crews, etc.

(H) Noise - Describe the methods for ensuring that noise from site operations are controlled to prevent nuisance to persons using the site and nearby residents.

(I) Traffic - Describe the traffic control plan, showing that the traffic flow into, on, and out of the site is controlled to minimize interference and safety problems for traffic on-site and adjacent public streets or roads.

(J) Hazardous Waste - Describe in detail the hazardous waste screening program.

(9) Compilation of approvals - Provide a list of all approvals having jurisdiction over the disposal site.

Note: Authority cited: Section 40502, Public Resources Code. Reference: Sections 43000-45802, Public Resources Code.

HISTORY

1. New section filed 6-18-97; operative 7-18-97 (Register 97, No. 25).

2. Amendment of subsections (b)(5)(A), (b)(6) and (b)(6)(A), new subsection (b)(6)(B) and subsection relettering filed 5-24-2004; operative 7-23-2004 (Register 2004, No. 22).

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3. Change without regulatory effect amending subsections (b)(6)(B)-(C) filed 8-23-2005 pursuant to section 100, title 1, California Code of Regulations (Register 2005, No. 34).

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27 CCR § 21600, 27 CA ADC § 21600

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