

(j) Mitigation shall be provided for development within the right-of-way of a street located perpendicular to the Atlantic Ocean and southeast of Pacific Avenue, except for those developments listed in (i) above, in accordance with the following:

1. The amount to be paid in mitigation shall be calculated as follows:

i. For development within a street right-of-way at grade, or below a height of 14 feet six inches above grade, the amount of mitigation is five times the property tax on the assessed value of the right-of-way area to be developed. The assessed value is an average of the value of the land on both sides of the area to be developed; and

ii. For development within a street right-of-way at a height of 14 feet six inches or greater above grade, the amount of mitigation is three times the Atlantic City tax on the assessed value of the right-of-way area to be covered by development. The assessed value is an average of the value of the land on both sides of the right-of-way area to be covered by development;

2. Mitigation monies shall be paid in full to the Casino Reinvestment and Development Authority prior to the commencement of construction; and

3. Mitigation monies paid to the Casino Reinvestment and Development Authority in accordance with (j)1 and 2 above, shall be designated only for acquisition and/or improvement of lands for public access and public parks along the oceanfront and inlet. If the money is used for these improvements within a street-end, the money shall be used only in a street-end listed in (f) above.

(k) Standards relevant to intercept parking are as follows:

1. Each hotel-casino facility located in Atlantic City shall provide one of every five non-Absecon Island and non-Brigantine Island resident hotel-casino employees commuting during the daily peak hour with an intercept space. Absecon Island residents are residents of Atlantic City, Margate, Ventnor and Longport. Brigantine Island residents are residents of the City of Brigantine. Nobsecon Island and non-Brigantine Island resident employees commuting during the daily peak hour is the sum of the number of non-Absecon Island and non-Brigantine Island resident employees of the shift with the largest number of employees plus the number of non-Absecon Island and non-Brigantine Island resident employees of the next largest adjoining shift. This intercept parking space shall be located off Absecon and Brigantine Islands, specifically outside of the municipal boundary of the five municipalities identified above. If off-island sites are not available, temporary use of other sites is conditionally acceptable if an applicant can demonstrate that it will be moved to an off-island site within one year.

2. Alternatives that would reduce vehicle miles traveled and peak hour employee travel demand may be substituted for the employee intercept parking space requirements for casino facilities. The Department will review proposed alternatives in consultation with the Department of Transportation. The Department will approve alternatives, which it determines will reduce vehicle miles traveled and peak-hour employee travel by at least as much as would result from furnishing intercept parking as described above. Acceptable alternatives include, but are not limited to, employee subsidies for bus, rail transit, van pools, and/or bicycle programs.

3. Alternative scheme proposals must include documentation indicating the existing travel pattern and mode of travel characteristics of non-Absecon and non-Brigantine Island resident employees. This information shall be provided to the Department along with the necessary data used to establish the vehicle miles traveled and peak hour employee travel demand with and without the proposed peak hour traffic reduction program. All proposals shall include a monitoring program to be submitted to the Department to verify the success of the proposed traffic reduction program, update the employee travel characteristics pattern, and serve as a basis for future adjustments if necessary.

(l) Development in Atlantic City shall be constructed in conformance with this section and with all other applicable provisions in this chapter.

New Rule, R.2000 d.45, effective February 7, 2000.
See: 31 N.J.R. 2042(a), 32 N.J.R. 503(a).

7:7E-3.50 Lands and waters subject to public trust rights

(a) Lands and waters subject to public trust rights are tidal waterways and their shores, including both lands now or formerly below the mean high water line, and shores above the mean high water line. Tidal waterways and their shores are subject to the Public Trust Doctrine and are held in trust by the State for the benefit of all the people, allowing the public to fully enjoy these lands and waters for a variety of public uses.

(b) Development that adversely affects lands and waters subject to public trust rights is discouraged.

(c) (Reserved)

(d) Public access to lands and waters subject to public trust rights shall be provided in accordance with the public trust rights rule, N.J.A.C. 7:7E-8.11.

(e) Rationale: See the OAL Note at the beginning of this subchapter.

New Rule, R.2007 d.374, effective December 17, 2007.
See: 38 N.J.R. 4570(a), 39 N.J.R. 5222(a).

SUBCHAPTER 3A. STANDARDS FOR BEACH AND DUNE ACTIVITIES

7:7E-3A.1 Purpose and scope

(a) This subchapter sets forth the standards applicable to routine beach maintenance, emergency post-storm restoration, dune creation and maintenance, and construction of boardwalks. These standards are referenced at N.J.A.C. 7:7E-3.16, Dunes; N.J.A.C. 7:7E-3.17, Overwash areas; N.J.A.C. 7:7E-3.19, Erosion hazard areas; N.J.A.C. 7:7E-3.22, Beaches; and N.J.A.C. 7:7E-7.11, Coastal engineering. In addition, N.J.A.C. 7:7E-3A.2, 3A.3 and 3A.4 are the standards for the coastal general permit for beach and dune maintenance activities, N.J.A.C. 7:7-7.6.

1. The standards applicable to routine beach maintenance, including debris removal and clean-up; mechanical sifting and raking; maintenance of access ways; removal of sand from street ends; boardwalk promenades and residential properties; repairs or reconstruction of existing gazebos and dune walkover structures, and limited sand transfers from the lower beach to the upper beach or alongshore are found at N.J.A.C. 7:7E-3A.2;

2. The standards that apply to the restoration of all beaches that are impacted by coastal storms with a recurrence interval to or exceeding a five-year storm event are found at N.J.A.C. 7:7E-3A.3;

3. The standards for dune creation and maintenance including the placement and/or repair of sand fencing, the planting and fertilization of appropriate dune vegetation, the maintenance and clearing of beach access pathways less than eight feet in width; and the construction or repair of approved dune walkover structures are found at N.J.A.C. 7:7E-3A.4; and

4. The standards for construction of boardwalks along tidal shorelines are found at N.J.A.C. 7:7E-3A.5.

New Rule, R.2003 d.60, effective February 3, 2003.

See: 34 N.J.R. 74(a), 35 N.J.R. 632(a).

Former N.J.A.C. 7:7E-3A.1, Standards applicable to routine beach maintenance, recodified to N.J.A.C. 7:7E-3A.2.

7:7E-3A.2 Standards applicable to routine beach maintenance

(a) Routine beach maintenance includes debris removal and clean-up; mechanical sifting and raking; maintenance of accessways; removal of sand from street ends, boardwalks/promenades and residential properties; the repair or reconstruction of existing boardwalks, gazebos and dune walkover structures; and limited sand transfers from the lower beach to the upper beach or alongshore (shore parallel). Sand transfers from the lower beach profile to the upper beach profile are specifically designed to restore berm width and elevation, to establish/enhance dunes and to repair dune scarps. Activities which preclude the development of a stable dune along the

back beach are not considered to be routine beach maintenance activities, pursuant to this section. Specifically, the bulldozing of sand from the upper beach (berm) to the lower beach (beach face), for the purpose of increasing the berm width or flattening the beach profile, is not considered to be routine maintenance.

1. If the activities in (a) above are proposed to be conducted by a municipal or county agency on property owned by that governing body, then the municipal or county engineer must certify that the activities will be conducted in accordance with these standards. The appropriate municipal or county engineer is responsible for ensuring compliance with these requirements. If these activities are proposed to be conducted on privately owned property, then the property owner is responsible for ensuring that the activities will be conducted in accordance with these standards. If these activities are proposed to be conducted on State owned properties, then the DEP, Bureau of Construction and Engineering must certify that the activities will be conducted in accordance with these standards.

2. All guidelines and specifications of this section must be incorporated into any contract documents or work orders related to proposed beach and dune activities, as described in this section. The Land Use Regulation Program is available to assist in the development of specific maintenance plans for oceanfront locations, upon request.

3. In areas documented by the Department as habitat for threatened or endangered beach nesting shorebirds such as Piping Plovers (*Charadrius melodus*) and Least Terns (*Sterna albifrons*), no beach raking or other mechanical manipulation of the beach shall take place between April 1 and August 15.

i. The Department's Division of Fish and Wildlife shall develop a list of specific areas where this restriction shall apply, based on documented habitat during the most recent nesting season. The list of restricted areas shall be updated annually by the Division of Fish and Wildlife, at the end of each nesting season and be available upon request from the Department's Land Use Regulation Program at PO Box 439, Trenton, New Jersey 08625-0439 (609) 292-0060. The updated list shall be provided by the Department to each permittee prior to April 1 of each year.

ii. If a particular beach area is identified on the updated list as described in (a)3i above as habitat for threatened or endangered beach nesting shorebirds, regardless of the habitat classification of the previous nesting season, no beach raking or other mechanical manipulation of the beach shall take place between April 1 and August 15 in those areas.

iii. If a particular beach area is not identified on the updated list as described in (a)3i above, but is subsequently found to contain a nest of a threatened or

endangered beach nesting shorebird, the Department shall notify the permittee and no beach raking or mechanical manipulation of the beach shall take place between April 1 and August 15 in those areas.

iv. The restrictions contained in (a)3 above may be waived if the Department's Division of Fish and Wildlife determines that the identified areas do not represent suitable threatened or endangered beach nesting shorebird habitat, due to beach erosion or other causes. Requests for such a waiver shall be made in writing to the Land Use Regulation Program, PO Box 439, Trenton, New Jersey, 08625-0439; and

4. Mechanical sifting and beach raking shall be limited to recreational beach areas only. For the purposes of this subsection, "recreational beach area" means all areas within 100 yards of a staffed lifeguard stand.

(b) Projects involving the mechanical redistribution of sand from the lower beach profile to the upper beach profile, or alongshore, are acceptable, in accordance with the following standards:

1. The amount of sand transferred at any one time shall be limited to one foot scraping depth at the borrow zone. This borrow zone may not be rescraped until the sand volume from the previous scraping activities has been fully restored.

2. The borrow zone shall be limited to the area between the low water line and the inland limit of the berm. It is strongly recommended that a program of beach profiling be utilized to monitor the condition of the beaches and to ensure compliance with the standards of this section.

3. If the purpose of the sand transfers is to repair eroded dunes (dune scarps), all filled areas shall be stabilized with sand fencing and planted with beach grass in accordance with DEP and/or SCS standards. Fencing shall be in place within 30 days of the transfer operation, while the vegetative plantings may be installed during the appropriate seasonal planting period (October 15 through March 31, anytime the sand is not frozen).

4. There shall be no disturbance to existing dune areas.

5. In areas of documented habitat for threatened or endangered beach nesting shorebirds such as Piping Plovers (*Charadrius melodus*) and Least Terns (*Sterna albigrons*), no sand transfers shall take place between April 1 and August 15.

i. The Department's Division of Fish and Wildlife shall develop a list of specific areas where this restriction shall apply, based on documented habitat during the most recent nesting season. The list of restricted areas shall be updated annually by the Division of Fish and Wildlife, at the end of each nesting season and be available upon request from the Department's Land Use Regulation Program at PO Box 439, Trenton, New Jersey 08625-0439 (609) 292-0060. The updated list shall be provided by the Department to each permittee prior to April 1 of each year.

ii. If a particular beach area is identified on the updated list as described in (b)5i above as habitat for threatened or endangered beach nesting shorebirds, regardless of the habitat classification of the previous nesting season, no sand transfers shall take place between April 1 and August 15 in those areas.

iii. If a particular beach area is not identified on the updated list as described in (b)5i above, but is subsequently found to contain a nest of a threatened or endangered beach nesting shorebird, the Department shall notify the permittee and no sand transfers shall take place between April 1 and August 15 in those areas.

iv. The restrictions contained in (b)5 above may be waived if the Department's Division of Fish and Wildlife determines that the identified areas do not represent suitable threatened or endangered beach nesting shorebird habitat, due to beach erosion or other causes. Requests for such a waiver shall be made in writing to the Land Use Regulation Program, PO Box 439, Trenton, New Jersey, 08625-0439; and

6. Sand transfers to or from wetland areas that may exist on a beach are not authorized by this permit.

7. Records of all sand transfer activities shall be maintained by the property owner, beach association, governmental agency or other authority conducting the activities, and shall be available for inspection by the Department, upon request. These records shall include, but not be limited to, dates of transfer, borrow area limits, fill area limits, estimates of the amount of sand transferred, the name of the person(s) supervising the transfer activities, and the engineering certification required (if appropriate) for all sand transfer activities.

Amended by R.2000 d.428, effective October 16, 2000.

See: 32 N.J.R. 864(a), 32 N.J.R. 3784(b).

Rewrote the section.

Recodified from N.J.A.C. 7:7E-3A.1 by R.2003 d.60, effective February 3, 2003.

See: 34 N.J.R. 74(a), 35 N.J.R. 632(a).

Former N.J.A.C. 7:7E-3A.2, Standards applicable to emergency post-storm beach restoration, recodified to N.J.A.C. 7:7E-3A.3.

7:7E-3A.3 Standards applicable to emergency post-storm beach restoration

(a) This section on emergency post-storm beach restoration will apply to all beaches which are impacted by coastal storms with a recurrence interval equal to or exceeding a five-year storm event. Emergency post-storm beach restoration projects not specifically identified in this section may be authorized by the Department through an Emergency Permit authorization pursuant to N.J.A.C. 7:7-1.7 if the Department determines that there is an imminent threat to lives or property.

(b) Beach restoration activities, as part of an emergency post-storm recovery, include: the placement of clean fill material with grain size compatible with (or larger than) the existing beach material; the bulldozing of sand from the lower beach profile to the upper beach profile; the along-shore transfer of sand on a beach; the placement of concrete or rubble; and the placement of sand filled geotextile bags or tubes. The placement of sand filled geotextile bags or tubes is preferred to the placement of concrete, rubble or other material.

(c) The emergency post-storm beach restoration activities in (b) above should be designed and implemented as a means to restore the beaches to the pre-storm condition, or to restore the beaches to a level sufficient to provide protection from a storm event with a minimum recurrence interval of five years (five-year storm protection). For the purpose of this section, five-year storm protection equates to a minimum 30-foot wide berm at elevation +8 Mean Sea Level (NAD, 1983). Restoration beyond the pre-storm beach condition is encouraged by the Department, but will not be considered "emergency post-storm beach restoration," pursuant to this section.

(d) The bulldozing of sand from the lower beach profile to the upper beach profile, as part of an emergency post-

storm beach restoration plan, is acceptable, in accordance with the following standards:

1. Bulldozing is limited to the beach area landward of the low water line. Removal of material from below the low water line is considered dredging, and is not authorized pursuant to this section; and
2. The beach face cannot be graded to a slope steeper than 1:3.

(e) The longshore transfer of sand from one beach area to another, as part of an emergency post-storm beach restoration plan, is acceptable, in accordance with the following standards:

1. No disturbance to existing dune areas is permitted;
2. Sand borrow areas shall not be bulldozed to a depth which exceeds one foot;
3. The borrow areas may not be rescarped until full sand volume recovery has occurred; and
4. An adequate supply of sand is available at the borrow area site, so that the relocation of this material will not decrease the level of protection adjacent to the borrow area.

(f) The placement of sand filled geotextile bags or geotubes, as part of an emergency post-storm beach restoration plan, is acceptable, in accordance with the following standards:

1. In areas where dunes are present, the geotextile bags or geotubes shall be placed along the toe of any scarped dune, or seaward of the dune toe, and not on the dune itself;
2. In areas where dunes are not present, the geotextile bags or geotubes shall be placed at the landward limit of the beach and in no case be placed below the mean high water line;
3. The geotextile bags or geotubes shall be tapered at the end of the project area, to minimize the impact to adjacent areas which are not protected by the geotextile bags or geotubes;
4. The crest and seaward side of the geotubes shall be buried to achieve a gradual, uniform slope from the upper beach to the crest of the geotextile bag or geotube;
5. The length of shoreline along which the geotextile bags or geotubes are installed shall not exceed a cumulative length of 500 feet;
6. Fill material for the geotextile bags or geotubes shall be from an upland source, excluding the beach and dune; and
7. The geotextile bag or geotube shall be installed parallel to the shoreline.

(g) The placement of sand, gravel, rubble, concrete, or other inert material, as part of an emergency post-storm beach restoration plan, is acceptable, in accordance with the following standards:

1. All material shall be non-toxic sand, gravel, concrete, rubble, or other inert material;
2. The placement of concrete or rubble shall be temporary in nature, and is not to be used as permanent protection, unless it is part of a DEP approved, engineered design for permanent shore protection;
3. All concrete and rubble placed on the beach shall be removed within 90 days, unless the placement is part of a Department approved, engineered design for permanent shore protection; and
4. The use of automobiles, tires, wood debris, asphalt, appliances or other solid waste is prohibited.

Amended by R.2000 d.428, effective October 16, 2000.

See: 32 N.J.R. 864(a), 32 N.J.R. 3784(b).

Rewrote (a) and (f).

Recodified from N.J.A.C. 7:7E-3.2 and amended by R.2003 d.60, effective February 3, 2003.

See: 34 N.J.R. 74(a), 35 N.J.R. 632(a).

In (g)3, substituted "Department" for "DEPE". Former N.J.A.C. 7:7E-3.3, Standards applicable to dune creation and maintenance, recodified to N.J.A.C. 7:7E-3.4.

7:7E-3A.4 Standards applicable to dune creation and maintenance

(a) Dune creation and maintenance includes the placement and/or repair of sand fencing (including wooden support posts), the planting and fertilization of appropriate dune vegetation, the maintenance and clearing of beach access pathways less than eight feet in width, and the construction or repair of approved dune walkover structures. Bulldozing, excavation, grading, vegetation removal or clearing, and relocation of existing dunes are not authorized pursuant to this section.

(b) All dune creation and maintenance activities should be conducted in accordance with the specifications found in Guidelines and Recommendations for Coastal Dune Restoration and Creation Projects (DEP, 1985), and/or Restoration of Sand Dunes Along the Mid-Atlantic Coast (Soil Conservation Service, 1992). The Department will provide site specific technical assistance for dune creation and maintenance projects, upon request.

(c) All proposed dune vegetation should be limited to the following coastal species: American Beachgrass (*Ammophila breviligulata*), Coastal Panicgrass (*Panicum amarulum*), Bayberry (*Myrica pennsylvanica*), Beach Plum (*Prunus maritima*), and Shore Juniper (*Juniperus conferta*). Although they may not be currently available from commercial nurseries at this time, the following plant species are also well suited to the dune environment: Seaside Goldenrod (*Solidago sempervirens*), Beach Pea (*Lathyrus japonicus*), Sea Oats (*Uniola paniculata*), Bitter Panicgrass (*Panicum amarum*), and even Saltmeadow Cordgrass (*Spartina patens*).