



State of New Jersey Department of Environmental Protection

Revised: November 2017

Website: www.nj.gov/dep/landuse



Highlands Applicability Determination (HAD)

Application Checklist

CALL NJDEP AT (609) 777-0454 IF YOU HAVE ANY QUESTIONS

To apply for a Highlands Applicability Determination (HAD), please submit the information below to:

Postal Mailing Address

NJ Department of Environmental Protection
Division of Land Use Regulation
P.O. Box 420, Code 501-02A
Trenton, New Jersey 08625-0420
Attn: Application Support

Street Address (Courier & Hand Carry Only)

NJ Department of Environmental Protection
Division of Land Use Regulation
501 East State Street
Station Plaza 5, 2nd Floor
Trenton, New Jersey, 08609
Attn: Application Support

Please note: Pursuant to N.J.A.C. 7:38-2.4(a), if an applicant is willing to stipulate that a proposed project or activity constitutes a major Highlands development and is not exempt from the Highlands Act, a Highlands Applicability Determination (HAD) is not required and the applicant may proceed directly with an application for a Highlands Preservation Area Approval (HPAA).

The information listed in items A thru E (below) is required for all HAD applications. The information listed in items F & G lists the required information specific to the exemption that is being requested. Please submit one copy of each-unless otherwise noted: (It is not necessary to submit this checklist)

A. Completed Highlands Applicability Determination (HAD) application form;

B. A copy of a USGS quad map, with the site clearly outlined, a copy of the tax map for the property and a copy of a portion of the county road map showing the property location;

C. Proof that the public notice requirements below have been met:

Proof of Notice shall consist of either the white postal receipt bearing the recipient's name, address, the date material was sent by certified mail and the cost to the sender, or the green certified mail return receipt card. NOTE: If a project is located in more than one municipality or county, the notice requirements below must be met for each municipality and county in which the site is located. *A model notice letter may be found as "Attachment A" of this checklist.*

- Proof that the municipal clerk was sent a copy of **the entire application packet**;
- Proof that the Highlands Council was sent a copy **of the entire application packet at**:
 - Highlands Council, 100 North Road (Route 513), Chester, NJ 07930;
- Proof that a **notice letter** was sent to the Municipal Environmental Commission (if one exists);
- Proof that a **notice letter** was sent to the Municipal Planning Board;
- Proof that a **notice letter** was sent to the Municipal Construction Official;
- Proof that a **notice letter** was sent to the County Planning Board; and
- Proof that a **notice letter** was sent to the County Environmental Commission (if one exists).

D. The appropriate application fee as follows:

	Fee
HAD for applicants that are: <ul style="list-style-type: none">➤ Proposing improvements costing \leq \$100,000➤ Seeking a determination based on receipt of a woodland management plan➤ Seeking a determination if an agricultural or horticultural activity is not regulated as a major Highlands development	\$100.00
HAD for NJDOT	No Fee
HAD for applicants other than above	\$750.00

All permit fees shall be paid by check or money order; made payable "Treasurer, State of New Jersey". Each check or money order must be marked to identify the nature of the submittal for which the fee is being paid and the name of the applicant.

E. Two sets of site plan(s), signed and sealed by a licensed New Jersey Professional Engineer, that clearly detail the following:

- All lots and property lines;
- All existing development and proposed site improvements;
- Total area of disturbance, existing and proposed—include supporting area calculation;
- Total area of existing impervious surface at the site;
- Total area of permanent impervious cover to be generated by the project—include supporting area calculation (show all gravel and "paver" areas); and
- If forest area is being disturbed, label and include area calculation for the disturbed portion(s).

F. For exemptions number 1 through 17, pursuant to N.J.A.C. 7:38-2.3, in addition to the requirements of items A through E above, in order to be deemed administratively complete, an application for a HAD (letter of exemption from the requirements of the Highlands Water Protection and Planning Act) must include the following information for the specific exemption type being requested, as listed below.

- 1) For an exemption for the construction of a single-family dwelling for an individual's own use or the use of an immediate family member:
 - A copy of a deed, closing or settlement statement, title policy, tax record, mortgage statement or any other official document showing that the lot was legally owned by the applicant on or before August 10, 2004; or If the applicant does not own the property, a copy of the binding contract of sale executed by the seller and the applicant on or before May 17, 2004 for the lot on which the house is to be constructed;
 - An official document certifying that the single-family dwelling proposed for construction is intended for the applicant's own use or the use of an immediate family member of the owner or buyer of the property identified in the certification by name and relationship to the applicant; and
 - A notarized statement, from the property owner, indicating that the property subject to the review has not been subdivided, merged, or in other ways had its lot lines adjusted subsequent to the date of the submitted deed.
- 2) For an exemption for the construction of a single-family dwelling on a lot in existence on August 10, 2004, not for use by the owner or an immediate family member, provided that construction does not result in the ultimate disturbance of one or more acres or a cumulative increase in impervious surface by one-quarter acre or more:

- A copy of a recorded deed or plat, closing or settlement statement, title policy, tax record, mortgage statement or any other official document showing that the lot was created on or before August 10, 2004;
- A notarized statement, from the property owner, indicating that the property subject to the review has not been subdivided, merged, or in other ways had its lot lines adjusted subsequent to the date of the submitted deed;
- A land survey certified by a licensed New Jersey Professional Land Surveyor showing the proposed metes and bounds disturbance area delineation, along with a narrative description of that area; and
- The metes and bounds disturbance area delineation is the total area of the site to be disturbed (which must be limited to less than 1 acre), including the proposed disturbance and the existing disturbance that is to remain. Existing disturbance beyond the allowable metes and bounds area must be demolished/restored and restricted from future disturbance including mowing, unless that area is exempted by virtue of being agriculture.

NOTE: If a conservation restriction is required as a condition of your applicability determination, you will be notified in your determination letter

- 3) For an exemption for the construction of a major Highlands development that has received certain municipal and state approvals on or before March 29, 2004:
- a) A copy of a resolution by the local authority, granting one of the following approvals on or before March 29, 2004:
 - Preliminary or final site plan approval;
 - Preliminary or final subdivision approval, as applicable, where no subsequent site plan approval or proof of filing is required;
 - Minor subdivision approval where no subsequent site plan approval is required; or
 - A copy of a final municipal building or construction permit.
 - b) Submit proof that the project has obtained at least one of the following DEP permits, if applicable to the proposed major Highlands development, on or before March 29, 2004:
 - A permit or certification pursuant to the Water Supply Management Act, N.J.S.A. 58:1A-1 et seq.;
 - A water extension permit or other approval or authorization pursuant to the Safe Drinking Water Act, N.J.S.A. 58:12A-1 et seq.;
 - A certification or other approval or authorization pursuant to the Realty Improvement Sewerage and Facilities Act (1954), N.J.S.A. 58:11-23 et seq.; or
 - A treatment works approval pursuant to the Water Pollution Control Act, N.J.S.A. 58:10A-1 et seq.
 - c) If none of the approvals at "b" above are required for the project or activity, submit proof that at least one of these following DEP permits has been obtained on or before March 29, 2004, if applicable to the proposed major Highlands development:
 - A permit or other approval or authorization issued pursuant to the Freshwater Wetlands Protection Act, N.J.S.A. 13:9B-1 et seq.; or
 - A permit or other approval or authorization issued pursuant to the Flood Hazard Area Control Act, N.J.S.A. 58:16A-50 et seq.

- d) A folded copy of the preliminary site plan or subdivision plat. If the subdivision plat was not filed and the subdivision has expired then a copy of the resolution or a court order extending the subdivision approval prior to the date of its expiration;
 - e) A copy of a letter from the local governing body, verifying that the use and zoning of the site have not changed since the approval specified in "a" above, and verifying that municipal approval is still valid, or verifying that the use and zoning have changed, but that the change does not do any of the following:
 - o Require submittal of a new or amended application for the proposed project; or
 - o Require approval of a new or amended application by local authorities.
 - f) Any other information necessary to determine if the applicant is eligible for exemption under N.J.S.A. 13:20-1 et seq.
- 4) For an exemption for reconstruction of any building or structure for any reason within 125% of the footprint of the lawfully existing impervious surfaces on the site, provided that the reconstruction does not increase the lawfully existing impervious surface by one-quarter acre or more:
- o A copy of any official documentation indicating the original date of construction of the building or structure or otherwise establishing the lawfulness of existing impervious surfaces such as a construction permit with the approved construction plan issued by a municipal official.
- 5) For an exemption for improvement(s) to a legally existing single-family dwelling in existence on August 10, 2004, including but not limited to an addition, garage, shed, driveway, porch, deck, patio, swimming pool, or septic system where that improvement shall maintain the use as a single-family dwelling and does not permit use of the structure as a multiple dwelling unit:
- o A copy of any official documentation proving the single-family dwelling was in existence on August 10, 2004;
 - o A description of the proposed improvement;
 - o A certification from the applicant that the property and all improvements will continue to be used for single-family dwelling purposes; and
 - o Documentation that demonstrates that the dwelling is lawfully existing.
- 6) For an exemption for any improvement, for non-residential purposes, to a place of worship owned by a non-profit entity, society or association, or association organized primarily for religious purposes, or a public or private school, or a hospital, in existence on August 10, 2004, including but not limited to new structures, an addition to an existing building or structure, a site improvement, or a sanitary facility:
- o A copy of any official documentation indicating that the place of worship, public or private school or hospital was in existence on August 10, 2004;
 - o For improvements to a place of worship, documentation showing that the entity, society or association, or association organized primarily for religious purposes has non-profit status; and
 - o A certification of occupancy for any existing buildings or structures on the property.

- 7) For an exemption for any activity conducted by a landowner in accordance with an approved woodland management plan issued pursuant to the Farmland Assessment Act, N.J.S.A. 54:4-23.3 or for public lands, the normal harvesting of forest products in accordance with a forest management plan approved by the State Forester:
- a) For a private landowner with an approved woodlot management plan:
- A copy of the applicant's tax bill showing that the site has farmland assessment tax status under the New Jersey Farmland Assessment Act, N.J.S.A. 54:4-23.1 et seq.;
 - A brief description of the activities for which the exemption is claimed including:
 - The total area of woodlands that is the subject of the approved woodland management plan;
 - The length of time that the area to be managed has been in use for woodland management; and
 - A copy of the approved woodlot management plan; or
- b) For public lands with a forest management plan approved by the State Forester:
- A brief description of the activities for which the exemption is claimed including:
 - The total area where the normal harvesting of forest products occurs; and
 - The length of time that the area to be managed has been in use for normal harvesting of forest products; and
 - A copy of a forest management plan approved by the State Forester (contact the Department at (609) 292-2531 for information on how to obtain a forest management plan).
- 8) For an exemption for the construction or extension of trails with non-impervious surfaces on publicly owned lands or on privately owned lands where a conservation or recreational use easement has been established and filed with the deed for the lots on which the easement exists:
- For privately owned property, a copy of a deed for the property, including the language establishing the conservation or recreational use easement on the property.
- 9) For an exemption for the routine maintenance and operations, rehabilitation, preservation, reconstruction, or repair of transportation or infrastructure systems by a State entity or local government unit, provided that the activity is consistent with the goals and purposes of the Highlands Water Protection and Planning Act and does not result in the construction of any new through-capacity travel lanes of 2,640 feet or more not including tapers:
- A site plan certified by the appropriate licensed New Jersey Professional engineer or land surveyor showing the existing and proposed transportation or infrastructure system;
 - A written description of the work to be conducted, the purpose of the activity and how that purpose is consistent with the goals and purposes of Highlands Water Protection and Planning Act; and
 - A brief description of the State entity or local government unit that is sponsoring and overseeing the proposed activities.

- 10) For an exemption for the construction of transportation safety projects and bicycle and pedestrian facilities by a State entity or local government unit, provided that the activity does not result in the construction of any new through-capacity travel lanes of 2,640 feet or more not including tapers:
- A site plan certified by the appropriate licensed New Jersey Professional engineer or land surveyor showing the proposed transportation safety project, bicycle or pedestrian facility;
 - A written description of the specific type of project to be constructed and the purpose of the project; and
 - A brief description of the State entity or local government unit that is sponsoring and overseeing the proposed activities.
- 11) For an exemption for the routine maintenance and operations, rehabilitation, preservation, reconstruction, repair or upgrade of public utility lines, rights-of-way, or systems by a public utility, provided that the activity is consistent with the goals of purposes of the Highlands Water Protection and Planning Act:
- A site plan certified by the appropriate licensed New Jersey Professional engineer or land surveyor showing the existing and proposed public utility lines, rights of way, or systems;
 - A written description of the work to be conducted, the purpose of the activity and how that purpose is consistent with the Highlands Water Protection and Planning Act; and
 - The identity of the public utility that is sponsoring the proposed activities.
- 12) For an exemption for the reactivation of rail lines and rail beds existing on August 10, 2004:
- A site plan certified by the appropriate licensed New Jersey Professional engineer or land surveyor showing the location of the existing rail lines and rail beds; and
 - A brief description of the project for reactivation, including the sponsoring entity, the work to be conducted to accomplish the project, and an estimated schedule for completion.
- 13) For an exemption for the construction of a public infrastructure project approved by public referendum prior to January 1, 2005 or a capital project approved by public referendum prior to January 1, 2005:
- A copy of the public referendum question as it appeared on the official ballot;
 - Documentation showing that the referendum was approved; and
 - A resolution from the municipal or county governing body or certification by an official in the relevant state department, as the case may be, that describes the proposed project and its location and affirms that the proposed project is the same as that approved in the referendum.
- 14) For an exemption for mining, quarrying, or production of ready mix concrete, bituminous concrete, or Class B recycling materials occurring or which are permitted to occur on any mine, mine site, or construction materials facility existing on June 7, 2004:
- Any type of official documentation (tax records, local or state permits, bills of sale, lading etc.) demonstrating that the mine or facility was in existence and operating on June 7, 2004, and included the land on which the proposed activity or development will occur; and
 - A copy of a Certificate of Registration issued by the Commissioner of Labor pursuant to N.J.S.A. 34:6-98.4.

15) For an exemption for the remediation of any contaminated site pursuant to N.J.S.A. 58:10B-1 et seq.:

- o A brief description of the remediation activity to be conducted including any structures, impervious surfaces, clearing of vegetation or water diversion being proposed;
- o A copy of a letter, application, order, or any other documentation demonstrating that the remediation activities are required in accordance with N.J.S.A.13:58:10B-1 et seq.; and
- o The name of the case manager handling/supervising the remediation at DEP if applicable and the and the Licensed Site Remediation Professional retained to oversee the remediation and their contact information.

16) For an exemption for activities on lands of a federal military installation existing on August 10, 2004:

- o A site plan certified by the appropriate licensed New Jersey Professional engineer or land surveyor showing the general location of the proposed activities as being within the borders of a federal military installation and the activity's location with respect to the Highlands Region boundaries; and
- o A letter briefly describing the proposed activities signed by an official of the installation.

17) For an exemption for a major Highlands development located within an area designated as Planning Area 1 (Metropolitan), or Planning Area 2 (Suburban) pursuant to the State Planning Act, 52:18A-196 et seq., as of March 29, 2004, that on or before March 29, 2004 has been the subject of a settlement agreement and stipulation of dismissal filed in the Superior Court, or a builder's remedy issued by the Superior Court, to satisfy the constitutional requirement to provide for the fulfillment of the fair share obligation of the municipality in which the development is located:

- o A copy of the settlement agreement and stipulation of dismissal filed in the Superior Court, or builder's remedy issued by the Superior Court;
- o A copy of any site plans certified by the appropriate licensed New Jersey Professional engineer or land surveyor, maps or other documentation clearly indicating the location of the fair share housing to be provided in accordance with the settlement agreement and stipulation of dismissal filed in the Superior Court, or a builder's remedy issued by the Superior Court and the location of all proposed structures, service or access roads, and infrastructure with respect to the boundaries of Planning Area 1 or 2, as the case may be;
- o A copy of all municipal approvals obtained for the project, or the schedule for applying and obtaining such approvals; and
- o A proposed schedule for completion of the entire project including township approvals, site preparation, installation of utilities and roads, and construction of all buildings.

G. The following information is required for specific activity based exemptions. *If the applicant provides sufficient information demonstrating that the proposed activities do not constitute a major Highlands development then the Highlands Water Protection and Planning Act Rules will not apply.* To determine if the proposed projects/activities are NOT REGULATED by the Highlands Water Protection and Planning Act, N.J.S.A. 13:20-1 et seq. in addition to A through E above submit the following:

1. For agricultural and/or horticultural activities pursuant to N.J.A.C. 7:38-2.2(c), to demonstrate that that these activities are not regulated, provide the following:

- A copy of the applicant's tax bill showing that the site has farmland assessment tax status under the New Jersey Farmland Assessment Act, N.J.S.A. 54:4-23.1 et seq.; and

- ❑ A brief description of the activities for which the exemption is claimed, including:
 - The types of farming or horticulture that will be pursued;
 - Best management practices currently employed and/or to be employed;
 - The length of time that the area to be disturbed has been in use for farming or horticulture; and
 - The square footage or acreage of the entire site, of the impervious surfaces already existing on the site, and the total amount of impervious surface on the site if the proposed activity is permitted. (Note: If the proposed increase in agriculture or horticulture activity will result in 3% or more of the site being covered by impervious surface, applicants should contact the local soil conservation district for additional assistance.)

NOTE: This exemption does not allow for the conversion of agricultural and/or horticultural to other uses.

2. To demonstrate that a residential project in the preservation area does not constitute a major Highlands development at defined at N.J.S.A. 13:20-3 provide the following:

- ❑ A land survey, signed and sealed by a licensed New Jersey Professional Land Surveyor, showing all existing development and proposed development, including all structures and impervious surface (including gravel and paver areas), that does not result in new impervious coverage of 0.25-acre or more and limits of disturbance that do not result in 1 acre or more, and the metes and bounds disturbance area delineation for the project;
- ❑ A site plan certified by the appropriate licensed New Jersey Professional engineer or land surveyor showing the proposed metes and bounds disturbance area delineation, (distinguishing between what impervious coverage will be removed and what will remain) along with a narrative description;

NOTE: The *metes and bounds disturbance area delineation* is the total area of the site to be disturbed (which must be limited to less than 1 acre), including the proposed disturbance and the existing disturbance that is to remain. Existing disturbance beyond the allowable metes and bounds area must be demolished/restored and restricted from future disturbance including mowing, unless that area is exempted by virtue of being agriculture.

- ❑ Supporting calculated values for proposed impervious surfaces, proposed areas of disturbance, and areas of existing disturbance to be restored (if any). **NOTE:** If a conservation restriction is required as a condition of your applicability determination, you will be notified in your determination letter; and
- ❑ A list of all applicable permits and/or authorizations that are required from the Department of Environmental Protection including, but not limited to, those required pursuant to the Freshwater Wetlands Protection Act, the Flood Hazard Area Control Act, NJPDES, etc.

3. To demonstrate that any activities other than described in 1 or 2 immediately above (eg. capital improvement projects, projects involving less than one-quarter acre of forest disturbance), are not regulated provide the following:

- ❑ A narrative and supporting materials explaining why the proposed activities do not constitute a major Highlands development at N.J.S.A. 13:20-3.

Attachment A

**Model Letter – Highlands Applicability Determination Application (HAD)
Notice to County or Municipal Government Commissions, Boards or Officials**

Date: _____

**RE: Application submitted by:
 Project Street Address:
 Project Block(s), Lot(s):
 Project Municipality(s), County(s):**

Dear Government Commission, Board or Official:

This letter is to provide you with legal notification that an application for a Highlands Applicability Determination will be submitted to the New Jersey Department of Environmental Protection (NJDEP), Division of Land Use Regulation under the Highlands Water Protection and Planning Act rules, N.J.A.C. 7:38. In addition, the Highlands Applicability Determination will also establish whether the project or activity on the above property is consistent, not addressed or inconsistent with the applicable area-wide Water Quality Management Plan. The proposed project is for the [DESCRIBE PROJECT]. This application requests the following determination(s) from the Department:

_____ **Exemption # _____** which establishes whether the project or activity proposed on the above property is exempt from the Highlands Water Protection and Planning Act rules for the specific exemption activity.

_____ **Determination of "Major Highlands development"** which establishes whether or not the project or activity proposed on the above property is a major Highlands development under the Highlands Water Protection and Planning Act rules. If a proposed project or activity is determined to be a major Highlands development and is not exempt, the proposal will be subject to these rules.

_____ **Unregulated by NJDEP** which establishes if the project or activity proposed on the above property is agricultural or horticultural and thus not regulated by the NJDEP under the Highlands Water Protection and Planning Act rules

If you would like to inspect a copy of the application, it is on file at the Municipal Clerk's Office in the town in which the property is located, or you can call NJDEP at (609) 984-0921 to make an appointment to see the application at NJDEP offices in Trenton during normal business hours.

The rules governing Highlands Applicability Determinations are found in the NJDEP's Highlands Water Protection and Planning Act rules at N.J.A.C. 7:38. You can view or download these rules on the NJDEP Highlands website at www.nj.gov/dep/landuse/highlands, or you can find a copy of these rules in the county law library in your county courthouse.

The NJDEP welcomes any comments you may have on my application. If you wish to comment on my application, comments should be submitted to the NJDEP, *in writing*, within 30 days after the NJDEP publishes notice of the application in the DEP Bulletin (www.nj.gov/dep/bulletin) The NJDEP shall consider all written comments submitted within this time - comments cannot be accepted by telephone. Please submit any comments you may have *in writing, along with a copy of this letter*, to:

New Jersey Department of Environmental Protection
Division of Land Use Regulation
P.O. Box 420, Mail Code 501-02A
Trenton, New Jersey 08625-0420
Attn: Application Support Unit

If you have any questions about this application, you can contact me or my agent, address(es) below.

Sincerely,

Agent's Information

Applicant's signature (Required)
Print/type applicant's name (Required)
Provide Applicant's Address (Required)
Applicant's phone or e-mail (Optional)

Print/type agent's name
Agent's Company/Firm
Provide Agent's Address (Required)
Agent's phone or e-mail (Optional)

Attachment B - Projected Flow Criteria - N.J.A.C. 7:14A - 23.3

The values specified below are to be used in computing the projected flow to wastewater conveyance and treatment facilities. The specific measurement unit listed for each category must be used as the basis for the projected flow. No additional provisions for inflow and infiltration are required. Flow for facilities that have combined uses must be determined by the summation of all appropriate projected flow values for each use. In the event that a facility is not covered by the table below, the applicant must propose the projected flow based upon operation of similar facilities or best professional judgment.

Type of Establishment	Measurement Unit	Gallons Per Day	Type of Establishment	Measurement Unit	Gallons Per Day
Residential Dwellings (single family home, duplex units, townhouses, condominiums, apartments)			Institutions (includes staff)		
1 bedroom unit	Per Dwelling	150	Hospitals	Bed	175
2 bedroom unit	Per Dwelling	225	Other institutions	Bed	125
3 bedroom unit or larger	Per Dwelling	300	Schools (includes staff)		
Transit dwelling units			No shower or cafeteria	Student	10
Hotels	Bedroom	75	With cafeteria	Student	15
Lodging houses and tourist homes	Bedroom	60	With cafeteria and showers	Student	20
Motels and tourist cabins	Bedroom	60	With cafeteria, showers and laboratories	Student	25
Boarding houses (max. permitted occupancy)	Boarder	50	Boarding	Student	75
Camps			Automobile service stations		
Campground/mobile rec. vehicle/tent	Site	100	Service bays	Filling position	125
Parked mobile trailer site	Site	200	Mini-market	Sq. Ft.	0.100
Children's camps	Bed	50	Miscellaneous		
Labor camps	Bed	40	Office buildings (gross area)	Sq. Ft.	0.100
Day camps--no meals	Person	15	Stores and shopping centers (gross area)	Sq. Ft.	0.100
Restaurants (including washrooms and turnover)			Factories/warehouses (add process water)	Employee	25
Average restaurant	Seat	35	with showers, (add process water)	Employee	40
Bar/cocktail lounges	Seat	20	Laundromats	Machine	580
Fast food restaurant	Seat	15	Bowling alleys	Alley	200
24 hour service restaurant	Seat	50	Picnic Parks (restrooms only)	Person	10
Curb service/drive-in restaurant	Car space	50	Picnic Parks with showers	Person	15
Clubs			Fairgrounds (based upon average attendance)	Person	5
Residential	Member	75	Assembly halls	Seat	3
Nonresidential	Member	35	Airports (based on passenger use)	Passenger	3
Racquet club	court per hour	80	Churches (worship area only)	Seat	3
Bathhouse with shower	Person	25	Theater (indoor)	Seat	3
Bathhouse without shower	Person	10	Dinner theater	Seat	20
			Catering/Banquet Hall	Person	20
			Sports stadium	Seat	3
			Visitor Center	Visitor	5

PROJECTED FLOW CRITERIA - STANDARDS FOR INDIVIDUAL SUBSURFACE DISPOSAL SYSTEMS N.J.A.C. 7:9A-7.4,

Type of Establishment	Measurement Units	Gallons per day	Type of Establishment	Measurement Units	Gallons per day
Residential Dwellings (single family homes, Duplex units, townhouses, condominiums, Apartments)			Restaurant		
First bedroom	Per Dwelling	200	sanitary waste only	per patron	5
Each additional bedroom	Per Dwelling	150	with kitchen wastes, add	per patron	5
Minimum volume	Per Dwelling	350	Clubs		
Minimum volume	Per apartment	350	Bathhouse, with showers	Per person	25
Minimum volume deed restricted senior citizen community or mobile home park (< 5001 ft2) .	Per dwelling unit	200	Bathhouse, without showers	Per person	10
Transit dwelling units			Beach club	Per person	25
Boarding house, meals ⁽²⁾	Per guest	75	Country club		
non-resident	Per guest	15	Member	Per person	60
Dormitory, bunkhouse	Per bed	40	Non-member	Per person	25
Hotel	Per room	130	Institutional facilities		
Motel	Per room	130	Hospital, medical	Per bed	250
Rooming house, no meals	Per bed	65	Hospital, mental	Per bed	150
Cottages ⁽²⁾	Per person	100	Institution, other than hospital '	Per bed	150
Minimum volume	Per dwelling unit	350	Nursing/rest home	Per bed	150
Camps			Prison	Per inmate	150
Cottage, barracks type	Per person	65	Schools		
Day, no meals	Per person	20	Boarding	Per student	100
Resort ⁽²⁾	Per site	100	Day		
Trailer ⁽²⁾	Per site	100	No cafeteria or showers	Per student	10
with toilets, add	Per person	10	Cafeteria only	Per student	15
Restaurants			Cafeteria and showers	Per student	20
Bar	Per patron	5	Cafeteria, showers and laboratories	Per student	25
Cafeteria	Per patron	5			
Cocktail lounge	Per patron	5			
Coffee shop	Per patron	5			

Type of Establishment	Measurement Units	Gallons per day
Miscellaneous		
Airport	Per passenger	5
Assembly hall	Per seat	3
Auto service station	Per car	10
Beauty parlors and salons	Per sink	120
Bowling alley, no food	Per lane	125
with food, add	Per patron	5
Bus stop rest area	Per passenger	5
Church	Per seat	3
Comfort station/Picnic grounds		
with toilets	Per person	10
with toilets and showers	Per Person	15
Dining hall	Per customer	5
Factory/Industrial building ⁽¹⁾	Per employee, 8-hr	15
with showers, add ⁽¹⁾	Per employee, 8-hr	15
Laundry, self service	Per wash	50
Office building	Per employee, 8-hr	15
(whichever is greater) ⁽¹⁾	Per square foot	0.125
Shopping center ⁽¹⁾	Per square foot	0.125
Stadium	Per seat	3
store ⁽¹⁾	Per square foot	0.125
Swimming Pool	Per person	10
Theater, Indoor	Per seat	3
Theater, outdoor	Per parking space	10
Visitor Center	Per visitor	5

(1) Volume of sanitary sewage for employees included within method of estimation indicated.

If laundry wastes are anticipated, increase the estimated flow by 50 percent.